

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033032.D
 Acq On : 23 Nov 2022 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 24 04:08:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	125644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63389	51.740	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.480%			
35) Dibromofluoromethane	5.391	113	52783	46.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.320%			
50) Toluene-d8	8.647	98	167726	49.244	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.480%			
62) 4-Bromofluorobenzene	11.079	95	73640	49.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46842	48.799	ug/l	96
3) Chloromethane	1.294	50	49626	47.889	ug/l	98
4) Vinyl Chloride	1.374	62	57449	49.789	ug/l	99
5) Bromomethane	1.618	94	23231	27.151	ug/l	99
6) Chloroethane	1.691	64	48424	51.551	ug/l	100
7) Trichlorofluoromethane	1.886	101	123337	55.076	ug/l	99
8) Diethyl Ether	2.136	74	38916	55.197	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	62259	52.894	ug/l	99
10) Methyl Iodide	2.453	142	39082	29.005	ug/l	100
11) Tert butyl alcohol	3.038	59	64345m	331.740	ug/l	
12) 1,1-Dichloroethene	2.319	96	58328	53.197	ug/l	92
13) Acrolein	2.239	56	43264	194.188	ug/l	100
14) Allyl chloride	2.666	41	93130	52.611	ug/l	100
15) Acrylonitrile	3.069	53	156391	285.064	ug/l	98
16) Acetone	2.398	43	137796	241.139	ug/l	98
17) Carbon Disulfide	2.514	76	148065	48.878	ug/l	99
18) Methyl Acetate	2.709	43	88478	55.934	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	210141	55.263	ug/l	98
20) Methylene Chloride	2.794	84	65276	55.030	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	64404	51.349	ug/l	98
22) Diisopropyl ether	3.764	45	217944	56.543	ug/l	99
23) Vinyl Acetate	3.721	43	859851	284.985	ug/l	100
24) 1,1-Dichloroethane	3.611	63	118743	53.835	ug/l	99
25) 2-Butanone	4.568	43	224214	284.549	ug/l	97
26) 2,2-Dichloropropane	4.477	77	90202	50.860	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	77302	54.246	ug/l	99
28) Bromochloromethane	4.904	49	51881	53.531	ug/l	99
29) Tetrahydrofuran	5.013	42	147493	294.989	ug/l	99
30) Chloroform	5.093	83	136554	55.276	ug/l	98
31) Cyclohexane	5.471	56	104033	52.473	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	122057	55.171	ug/l	100
36) 1,1-Dichloropropene	5.696	75	95425	52.754	ug/l	99
37) Ethyl Acetate	4.715	43	88982	56.385	ug/l	99
38) Carbon Tetrachloride	5.678	117	106314	52.981	ug/l	98
39) Methylcyclohexane	7.385	83	107568	52.119	ug/l	98
40) Benzene	6.038	78	270764	53.388	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51651	58.167	ug/l	96
42) 1,2-Dichloroethane	6.086	62	110058	53.897	ug/l	100
43) Isopropyl Acetate	6.342	43	146780	56.240	ug/l	99
44) Trichloroethene	7.123	130	75681	53.179	ug/l	97
45) 1,2-Dichloropropane	7.434	63	69805	55.695	ug/l	100
46) Dibromomethane	7.580	93	52544	53.728	ug/l	98
47) Bromodichloromethane	7.824	83	105463	55.809	ug/l	97
48) Methyl methacrylate	7.696	41	76076	56.629	ug/l	99
49) 1,4-Dioxane	7.726	88	32180	1301.284	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	478191	296.924	ug/l	100
52) Toluene	8.720	92	181840	54.498	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	106517	52.385	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	112192	55.071	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	73878	54.384	ug/l	99
56) Ethyl methacrylate	9.116	69	110101	58.824	ug/l	98
57) 1,3-Dichloropropane	9.311	76	120200	54.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	259403	291.860	ug/l	99
59) 2-Hexanone	9.433	43	359354	302.057	ug/l	99
60) Dibromochloromethane	9.519	129	83585	57.150	ug/l	100
61) 1,2-Dibromoethane	9.610	107	79755	55.623	ug/l	99
64) Tetrachloroethene	9.275	164	65898	49.999	ug/l	98
65) Chlorobenzene	10.079	112	196213	52.855	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	75384	55.420	ug/l	99
67) Ethyl Benzene	10.195	91	361583	54.908	ug/l	100
68) m/p-Xylenes	10.305	106	283317	109.868	ug/l	100
69) o-Xylene	10.640	106	138129	55.361	ug/l	99
70) Styrene	10.659	104	231698	56.762	ug/l	99
71) Bromoform	10.799	173	59901	57.437	ug/l #	99
73) Isopropylbenzene	10.963	105	373169	53.166	ug/l	100
74) N-amyl acetate	10.842	43	138279	57.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	116744	55.108	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	101841m	54.747	ug/l	
77) Bromobenzene	11.201	156	89414	51.798	ug/l	98
78) n-propylbenzene	11.305	91	429855	53.564	ug/l	100
79) 2-Chlorotoluene	11.366	91	256949	52.717	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	321713	54.561	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25528	44.607	ug/l	98
82) 4-Chlorotoluene	11.457	91	301767	52.833	ug/l	100
83) tert-Butylbenzene	11.713	119	317500	54.094	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	316719	53.869	ug/l	100
85) sec-Butylbenzene	11.890	105	378749	53.938	ug/l	100
86) p-Isopropyltoluene	12.012	119	322882	54.272	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	169594	52.380	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	171606	51.752	ug/l	99
89) n-Butylbenzene	12.335	91	274832	53.623	ug/l	100
90) Hexachloroethane	12.536	117	48975	50.106	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164955	52.373	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24988	59.118	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	102135	52.606	ug/l	98
94) Hexachlorobutadiene	13.725	225	41936	48.960	ug/l	99
95) Naphthalene	13.774	128	350036	55.731	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102645	52.721	ug/l	99

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ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/28/2022

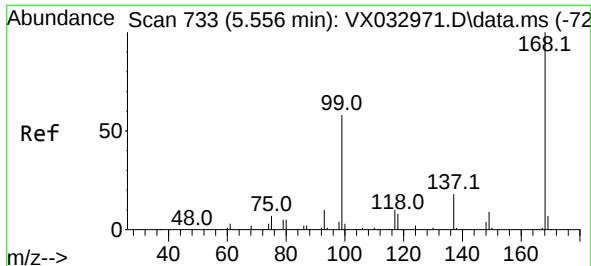
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

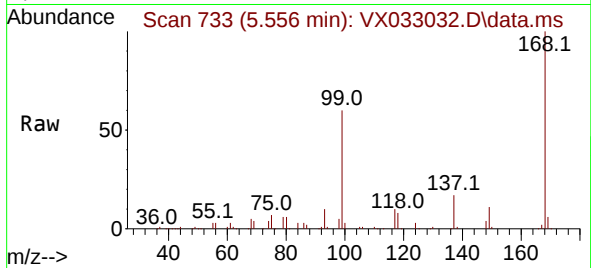
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

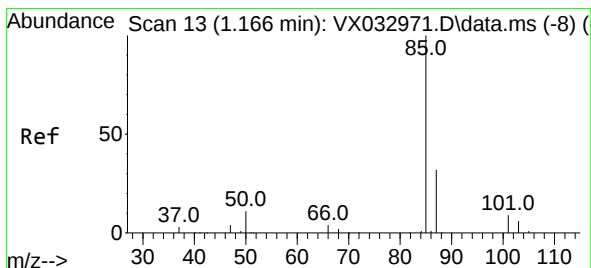
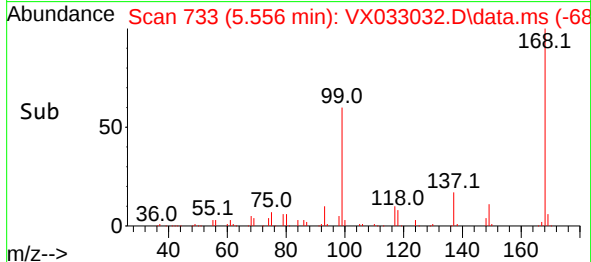
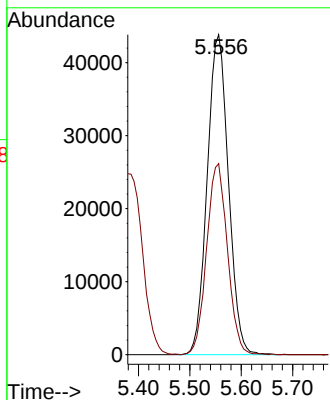
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 125644
Ion Ratio Lower Upper
168 100
99 59.7 46.1 69.1

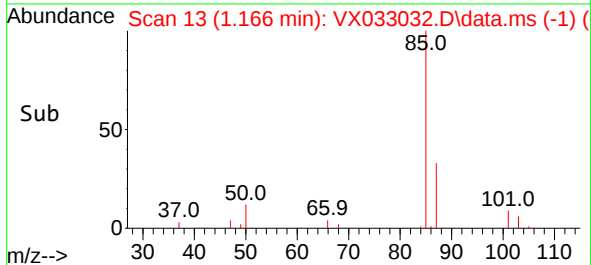
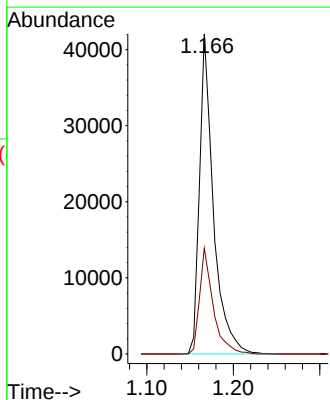
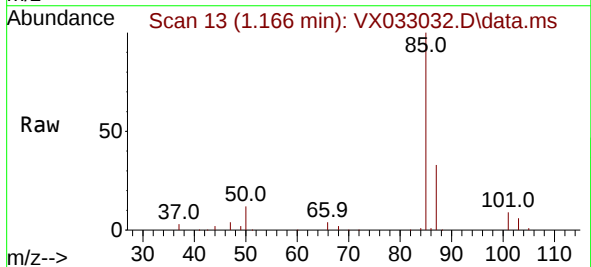
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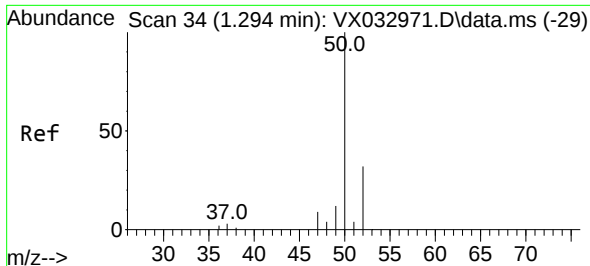
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#2
Dichlorodifluoromethane
Concen: 48.799 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Tgt Ion: 85 Resp: 46842
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.7





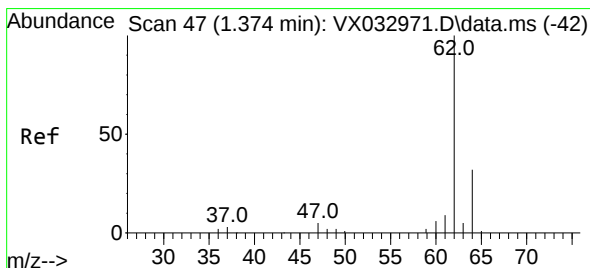
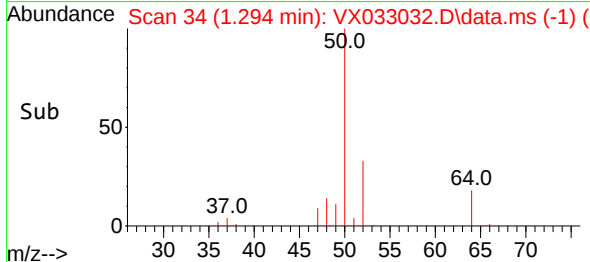
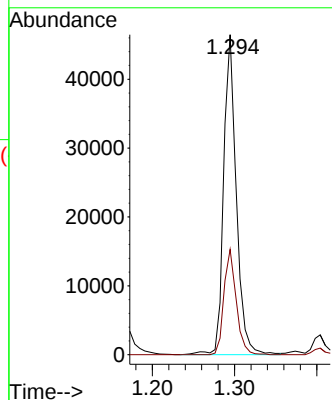
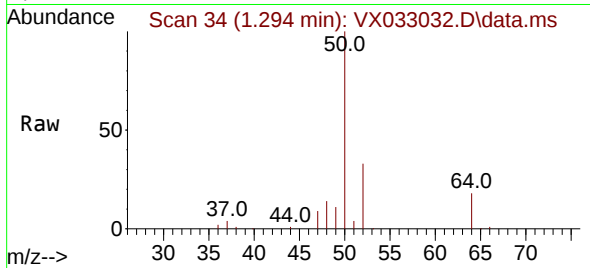
#3
Chloromethane
Concen: 47.889 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 49620
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

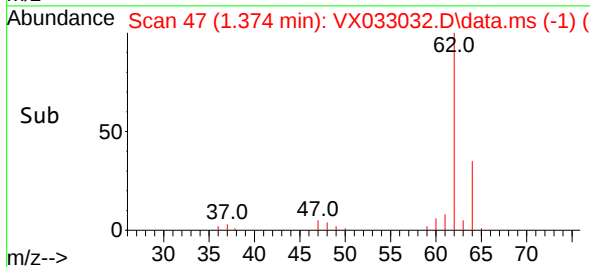
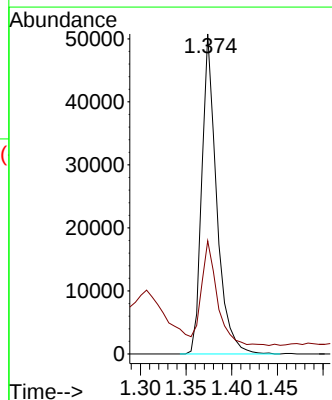
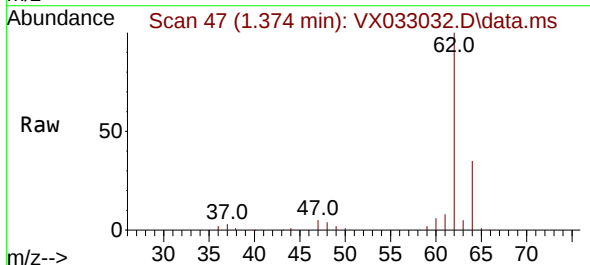
Manual Integrations
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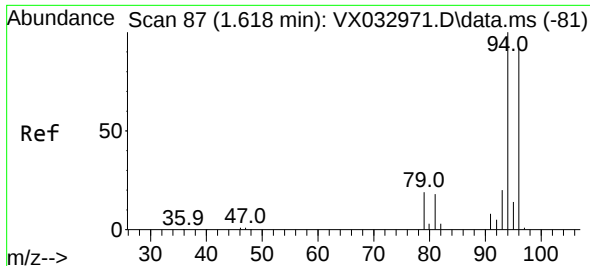
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#4
Vinyl Chloride
Concen: 49.789 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Tgt Ion: 62 Resp: 57449
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.6





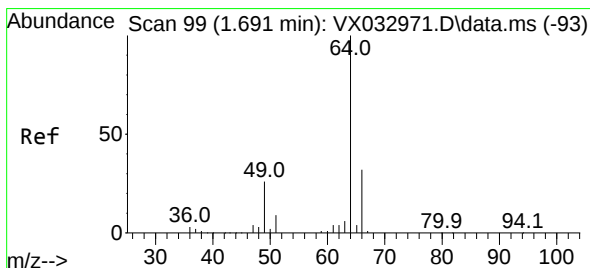
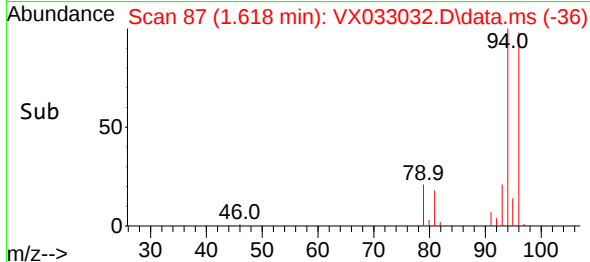
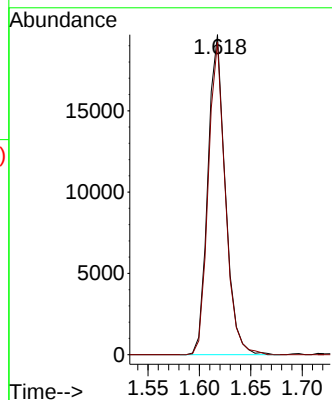
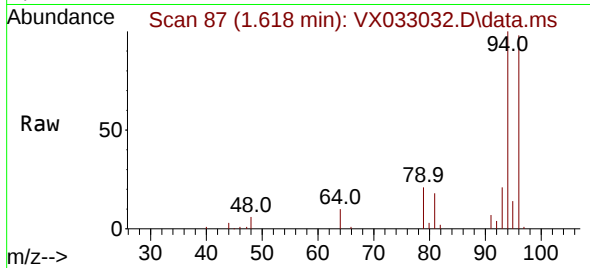
#5
Bromomethane
Concen: 27.151 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 2323
Ion Ratio Lower Upper
94 100
96 97.7 77.6 116.4

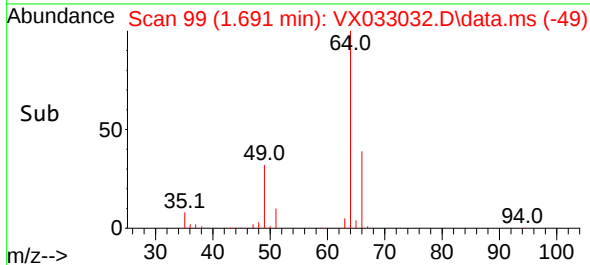
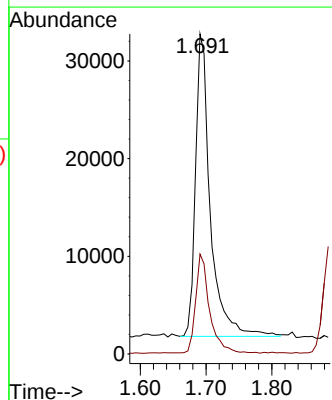
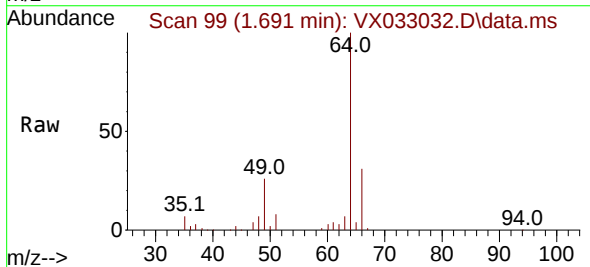
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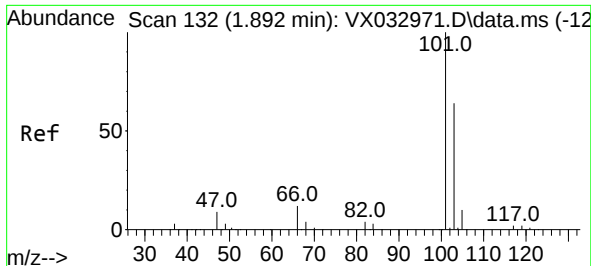
Reviewed By :John Carlone 11/25/2022
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#6
Chloroethane
Concen: 51.551 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033032.D
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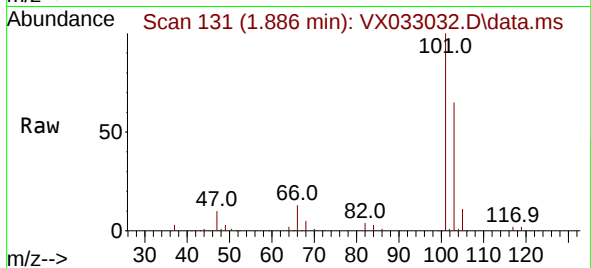
Tgt Ion: 64 Resp: 48424
Ion Ratio Lower Upper
64 100
66 32.6 26.0 39.0





#7
Trichlorofluoromethane
Concen: 55.076 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

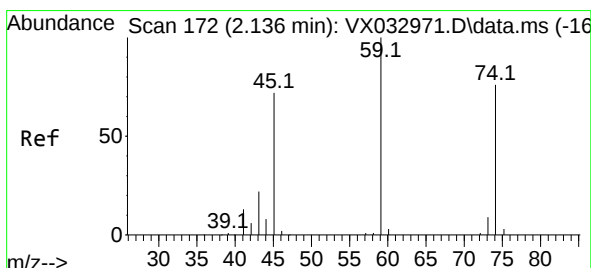
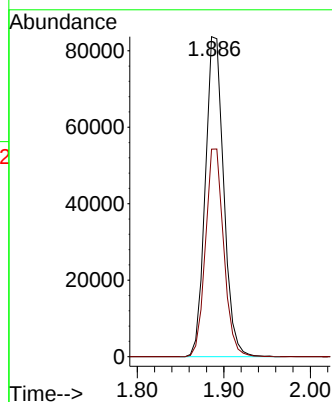
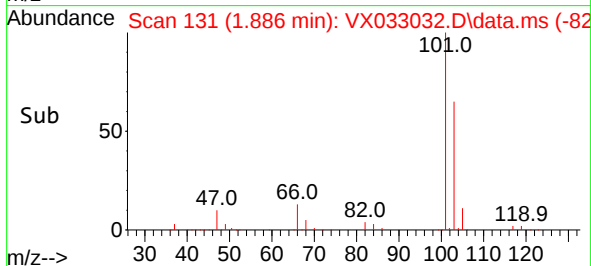
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 12333
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

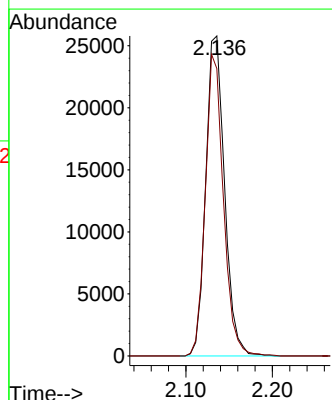
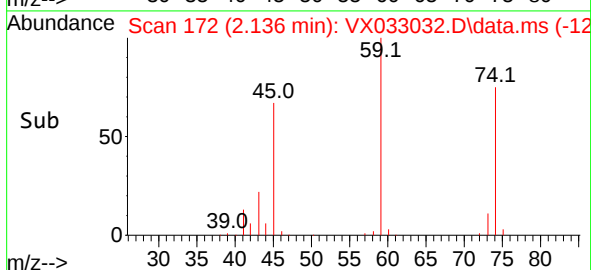
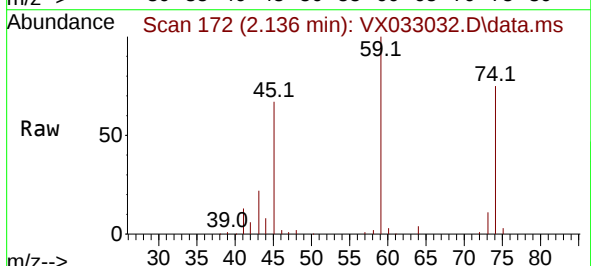
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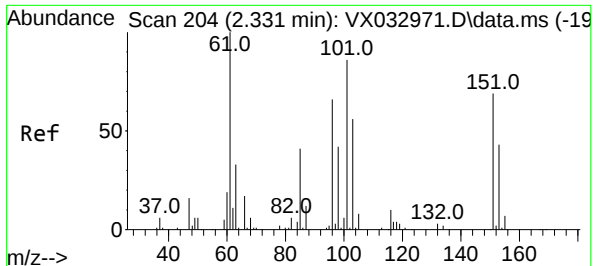
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#8
Diethyl Ether
Concen: 55.197 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

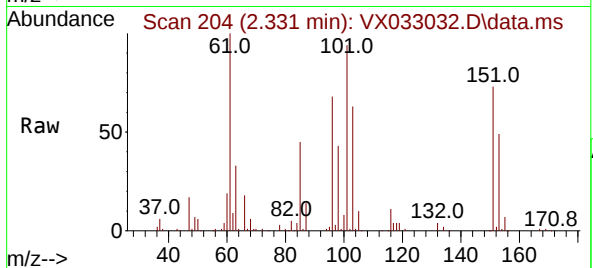
Tgt Ion: 74 Resp: 38916
Ion Ratio Lower Upper
74 100
45 90.9 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.894 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

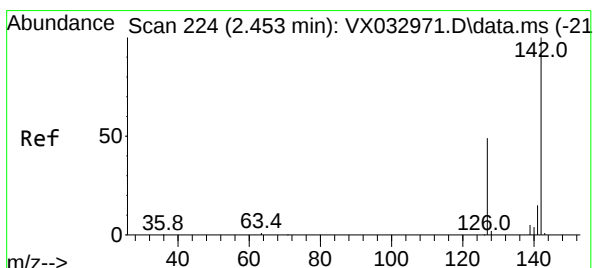
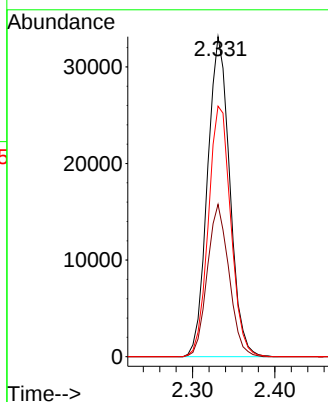
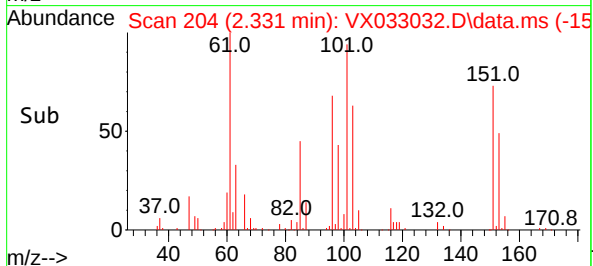
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



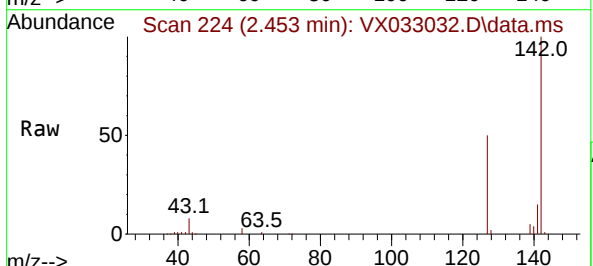
Tgt Ion:101 Resp: 6225
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.4
151 79.0 64.4 96.6

Manual Integrations
APPROVED

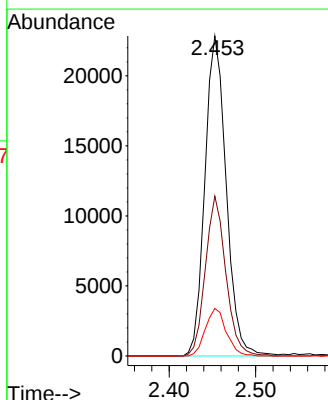
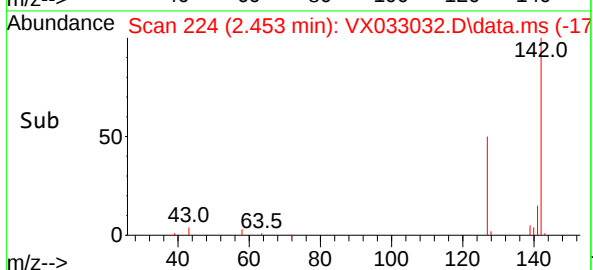
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

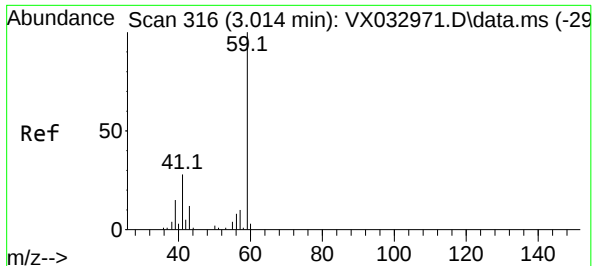


#10
Methyl Iodide
Concen: 29.005 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



Tgt Ion:142 Resp: 39082
Ion Ratio Lower Upper
142 100
127 48.0 38.6 57.8
141 14.5 11.4 17.2





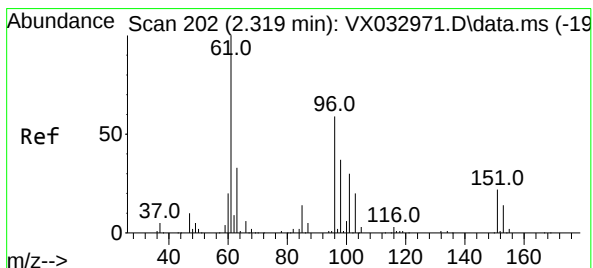
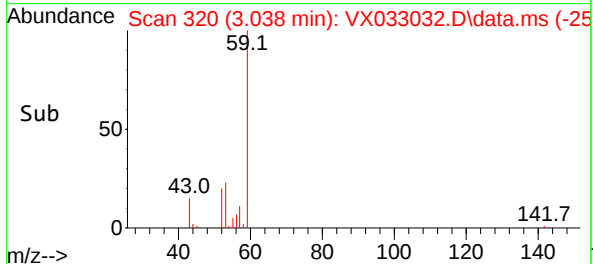
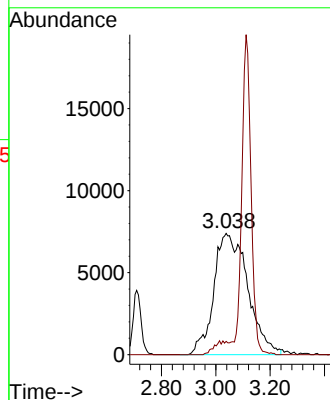
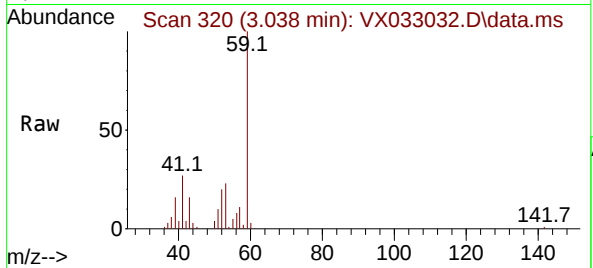
#11
Tert butyl alcohol
Concen: 331.740 ug/l m
RT: 3.038 min Scan# 316
Delta R.T. 0.073 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 6434
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

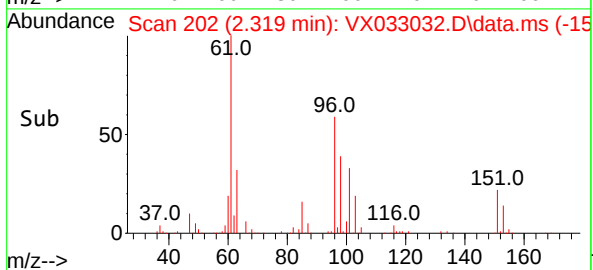
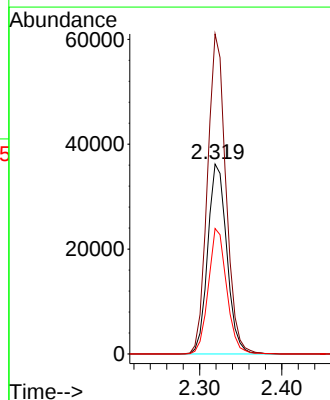
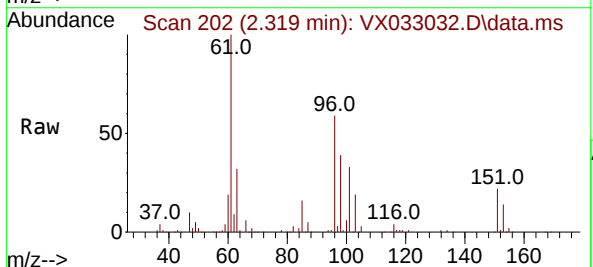
Manual Integrations
APPROVED

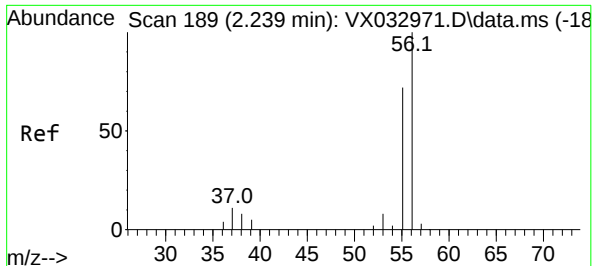
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#12
1,1-Dichloroethene
Concen: 53.197 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

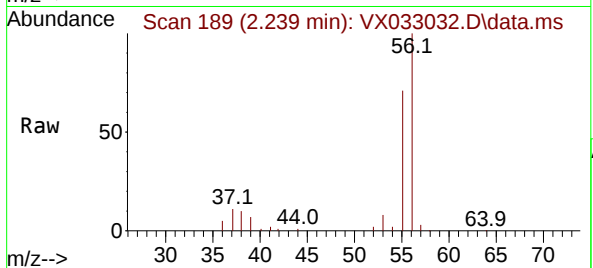
Tgt Ion: 96 Resp: 58328
Ion Ratio Lower Upper
96 100
61 168.5 125.1 187.7
98 66.1 50.6 76.0





#13
Acrolein
Concen: 194.188 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

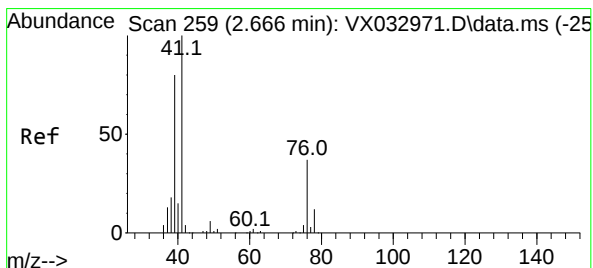
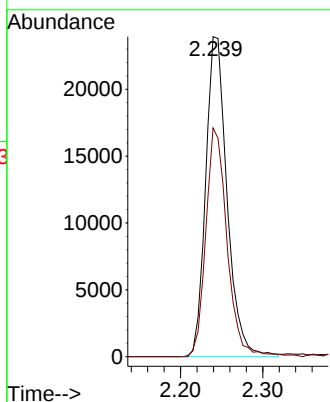
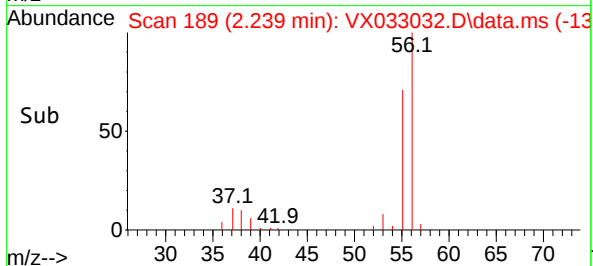
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



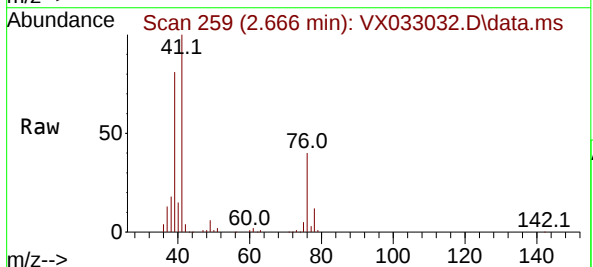
Tgt Ion: 56 Resp: 43264
Ion Ratio Lower Upper
56 100
55 70.8 56.9 85.3

Manual Integrations
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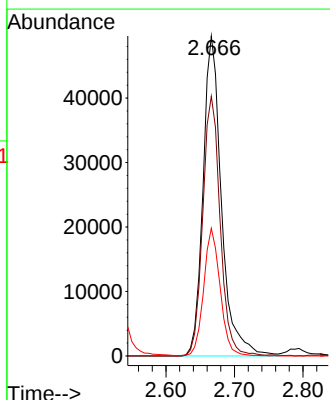
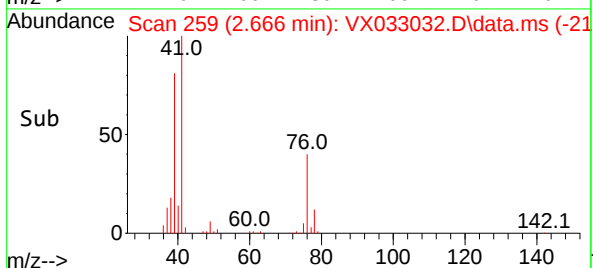
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

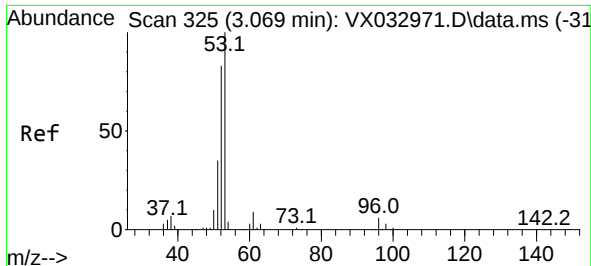


#14
Allyl chloride
Concen: 52.611 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



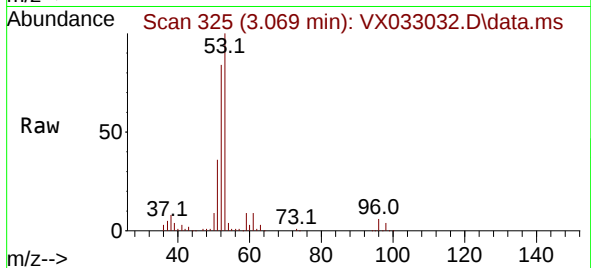
Tgt Ion: 41 Resp: 93130
Ion Ratio Lower Upper
41 100
39 76.7 61.4 92.2
76 35.7 29.2 43.8





#15
Acrylonitrile
Concen: 285.064 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

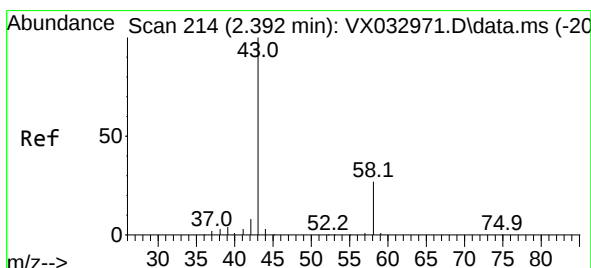
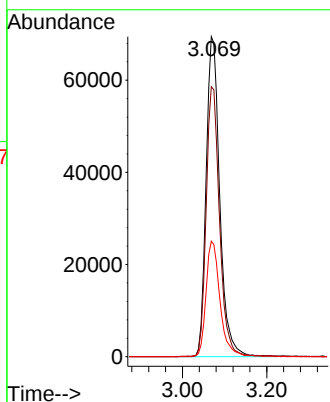
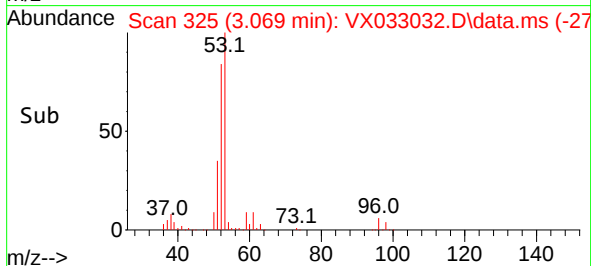
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



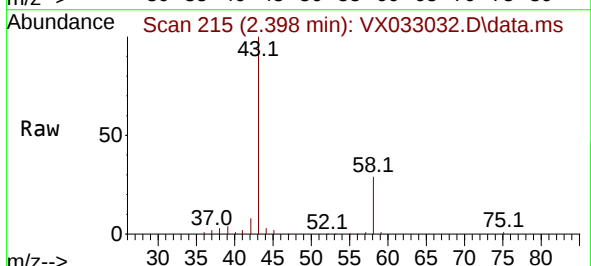
Tgt Ion: 53 Resp: 15639
Ion Ratio Lower Upper
53 100
52 82.5 67.4 101.0
51 37.3 30.3 45.5

Manual Integrations
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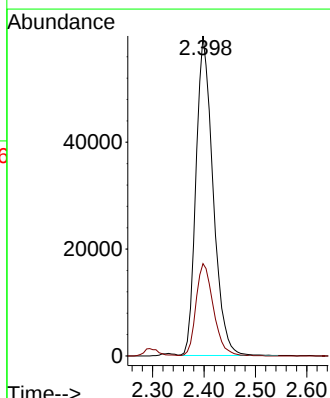
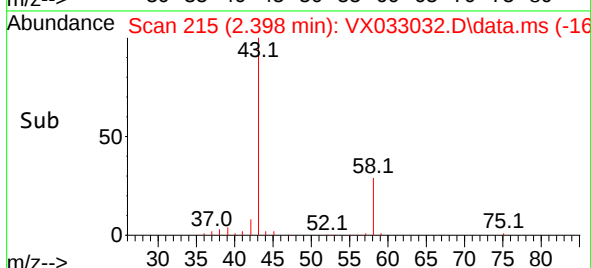
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

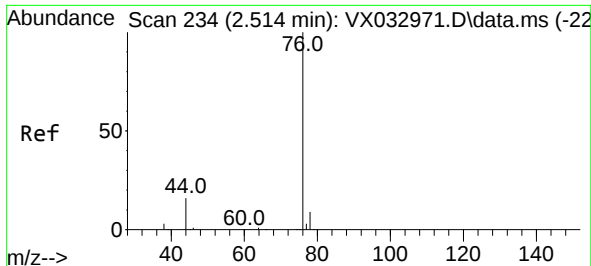


#16
Acetone
Concen: 241.139 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



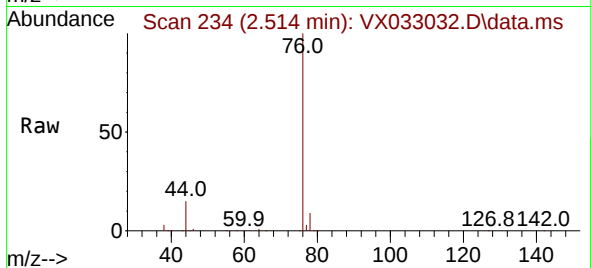
Tgt Ion: 43 Resp: 137796
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.8





#17
Carbon Disulfide
Concen: 48.878 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

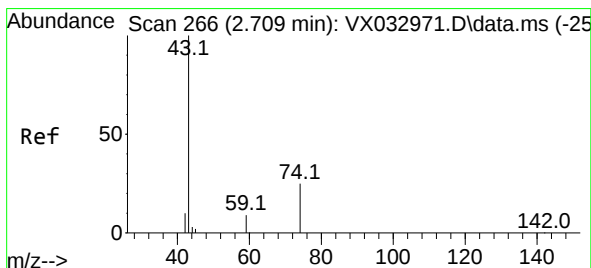
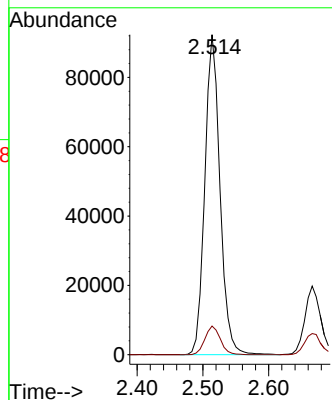
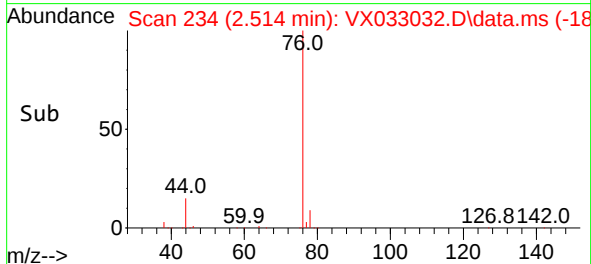
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 14806
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

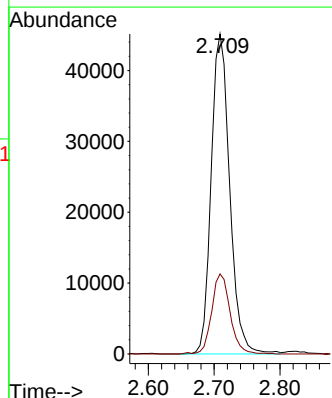
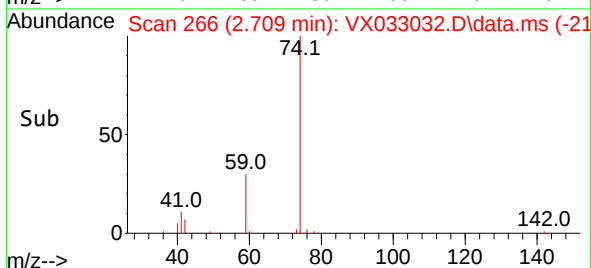
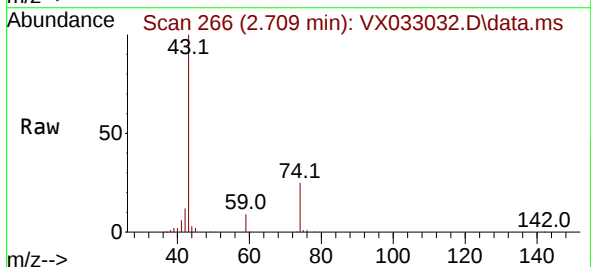
Manual Integrations
APPROVED

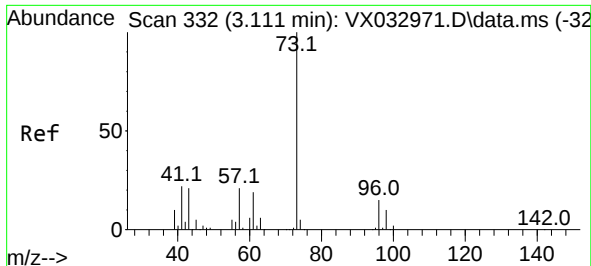
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#18
Methyl Acetate
Concen: 55.934 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Tgt Ion: 43 Resp: 88478
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.0





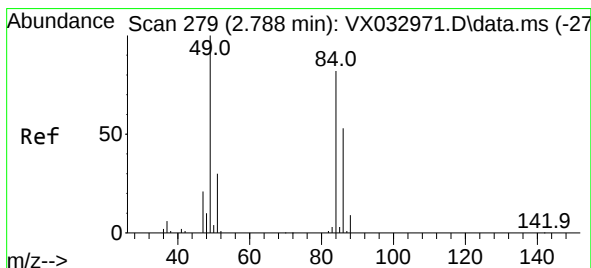
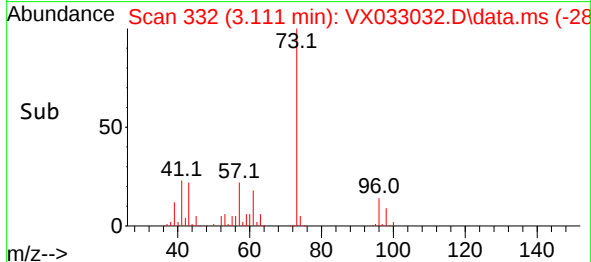
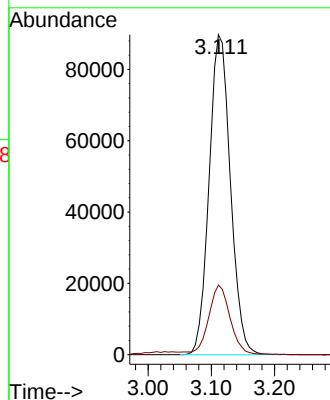
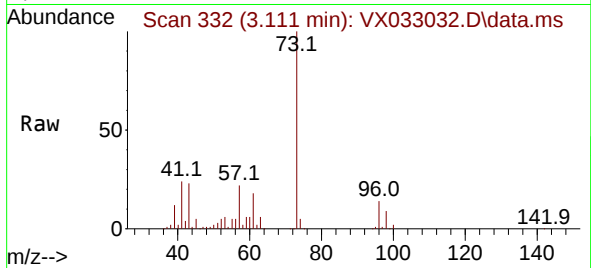
#19
Methyl tert-butyl Ether
Concen: 55.263 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 21014
Ion Ratio Lower Upper
73 100
57 21.6 16.6 25.0

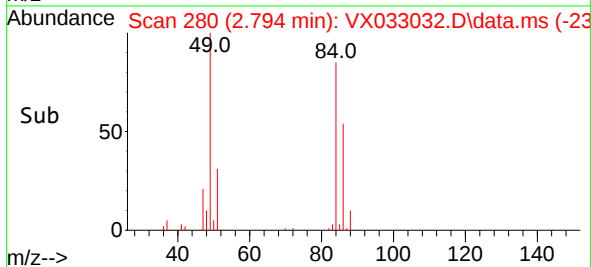
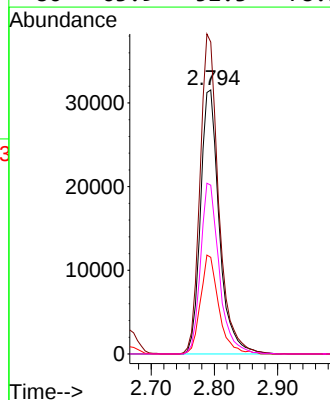
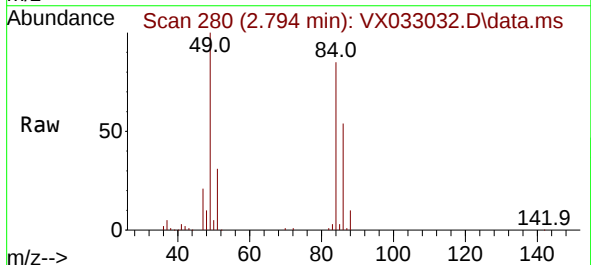
Manual Integrations
APPROVED

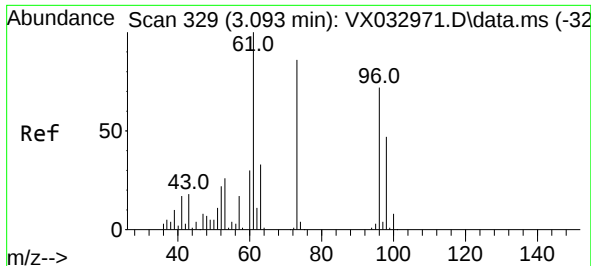
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 55.030 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

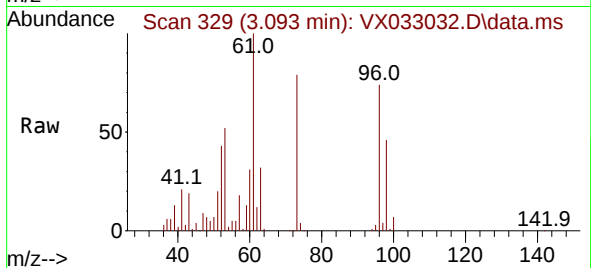
Tgt Ion: 84 Resp: 65276
Ion Ratio Lower Upper
84 100
49 118.1 101.0 151.6
51 36.6 31.1 46.7
86 63.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 51.349 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

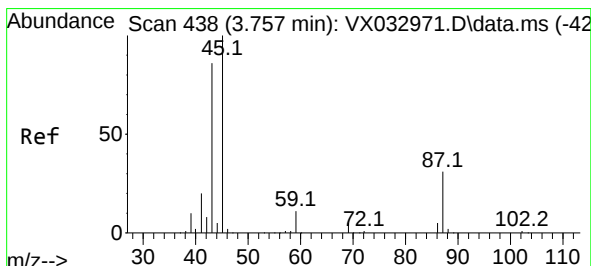
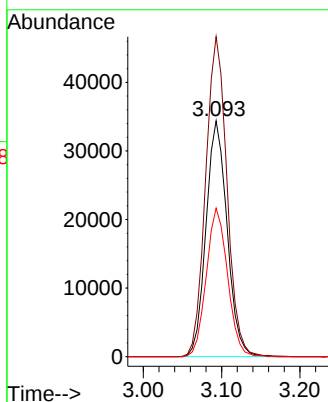
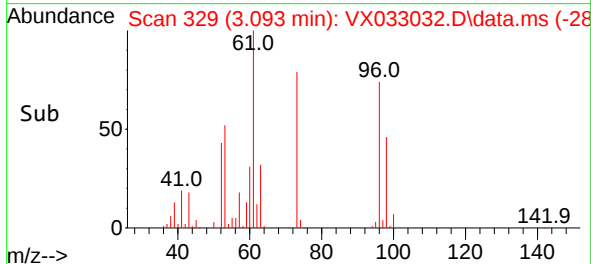
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



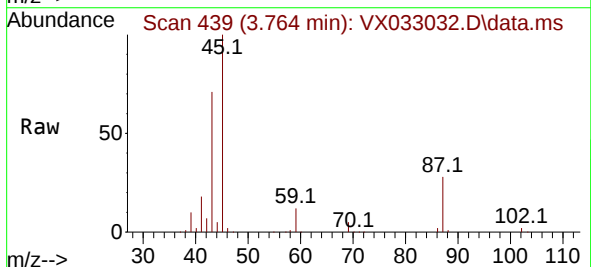
Tgt Ion: 96 Resp: 64404
Ion Ratio Lower Upper
96 100
61 135.7 106.6 160.0
98 63.0 51.0 76.6

Manual Integrations
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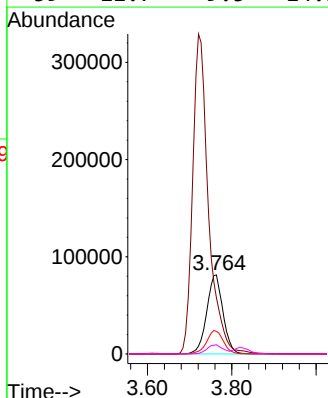
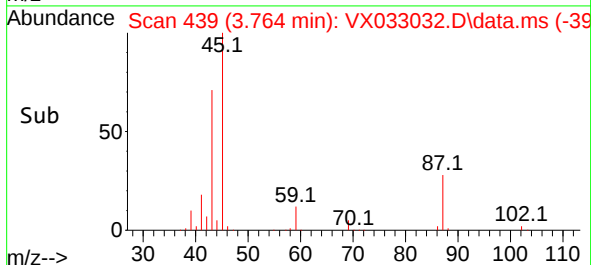
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

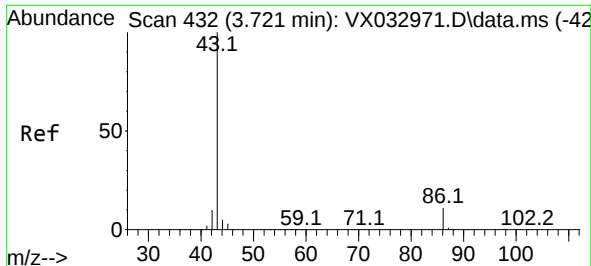


#22
Diisopropyl ether
Concen: 56.543 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



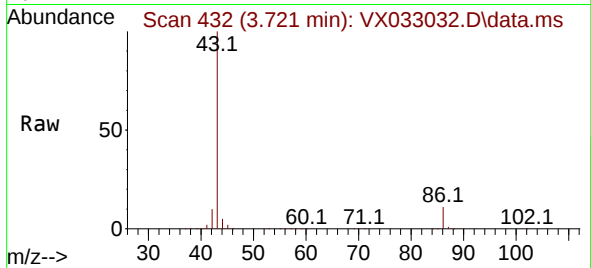
Tgt Ion: 45 Resp: 217944
Ion Ratio Lower Upper
45 100
43 70.8 56.4 84.6
87 28.5 24.4 36.6
59 11.7 9.5 14.3





#23
 Vinyl Acetate
 Concen: 284.985 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033032.D
 Acq: 23 Nov 2022 20:02

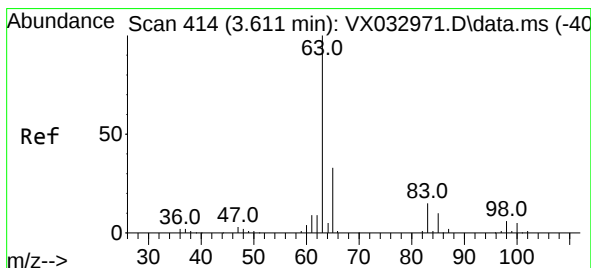
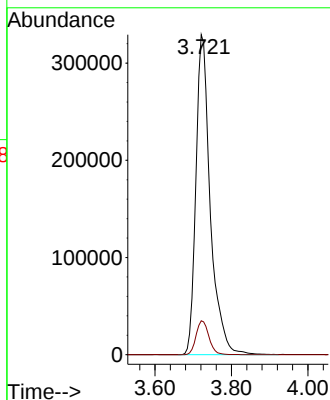
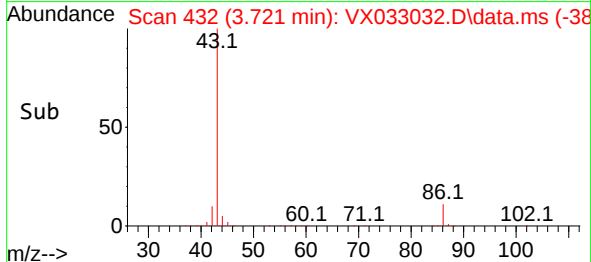
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



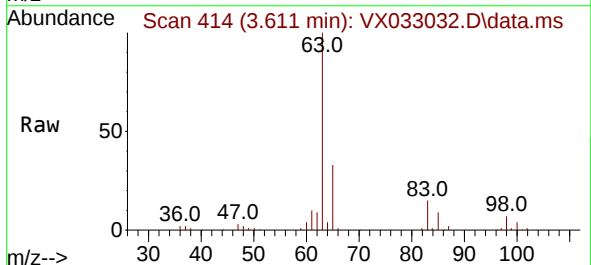
Tgt Ion: 43 Resp: 85985
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8

Manual Integrations
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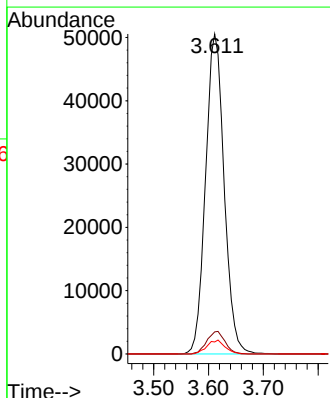
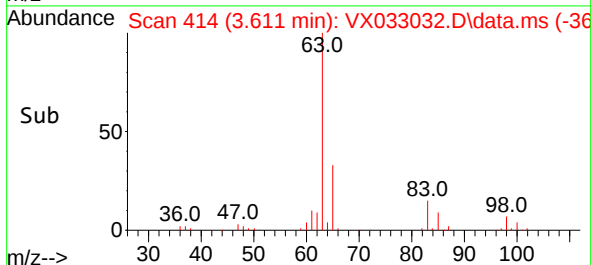
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022

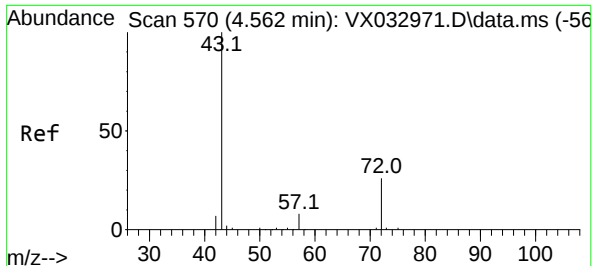


#24
 1,1-Dichloroethane
 Concen: 53.835 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033032.D
 Acq: 23 Nov 2022 20:02



Tgt Ion: 63 Resp: 118743
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 3.8 2.3 6.8





#25

2-Butanone

Concen: 284.549 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 224214

Ion Ratio Lower Upper

43 100

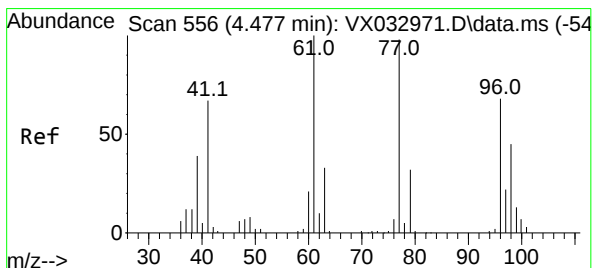
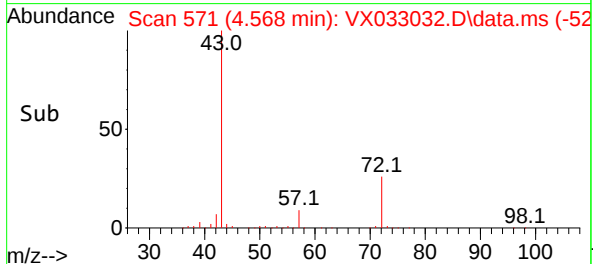
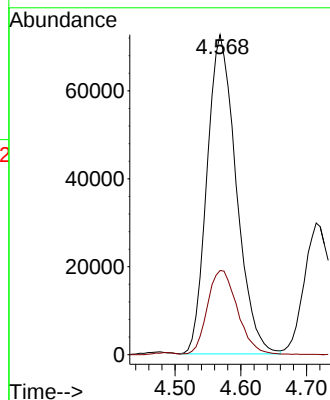
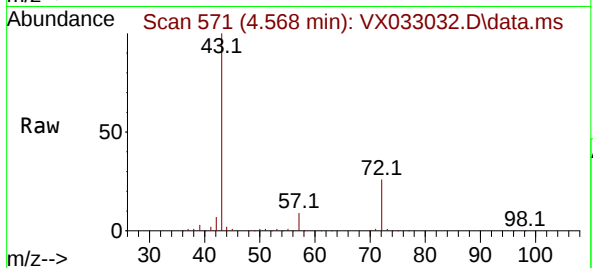
72 26.2 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#26

2,2-Dichloropropane

Concen: 50.860 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX033032.D

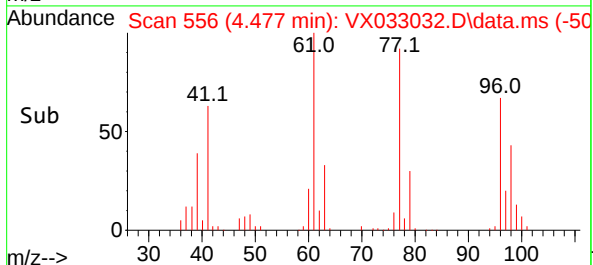
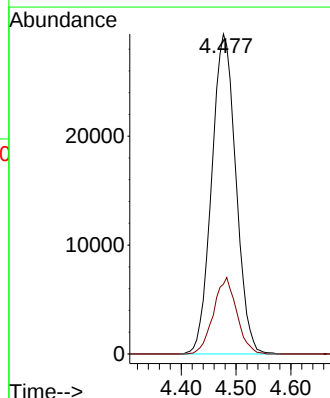
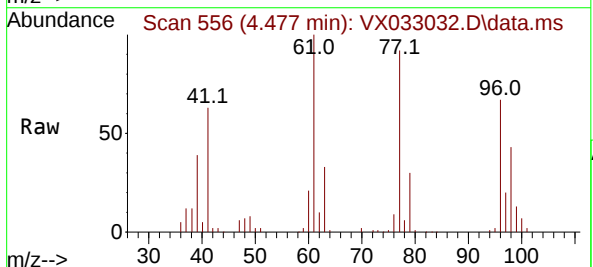
Acq: 23 Nov 2022 20:02

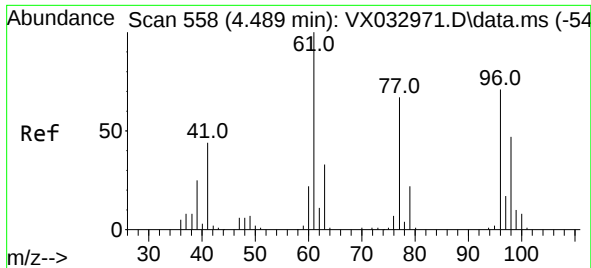
Tgt Ion: 77 Resp: 90202

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 54.246 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX033032.D
 Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

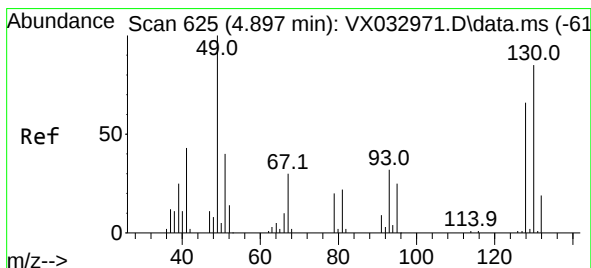
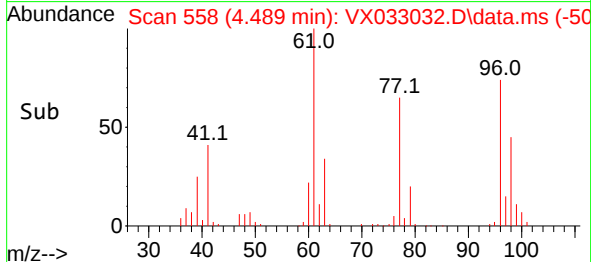
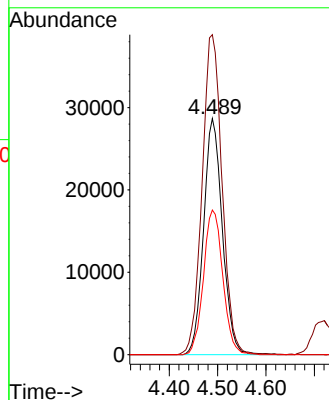
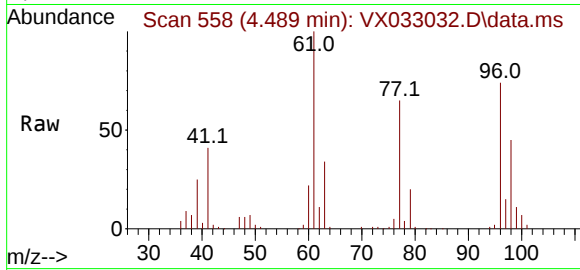
VSTDCCC050EC

Tgt Ion: 96 Resp: 7730
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 286.0
 98 63.2 0.0 129.6

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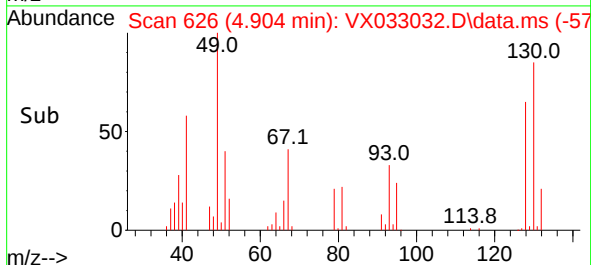
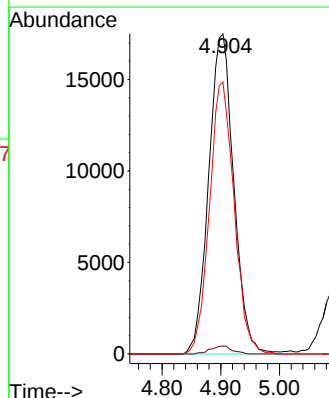
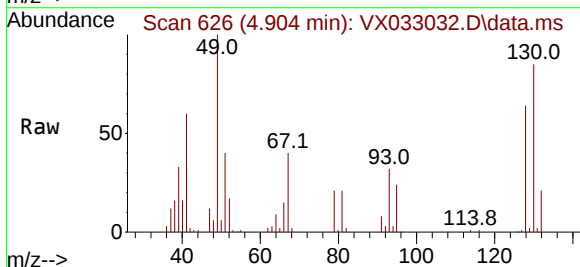
APPROVED

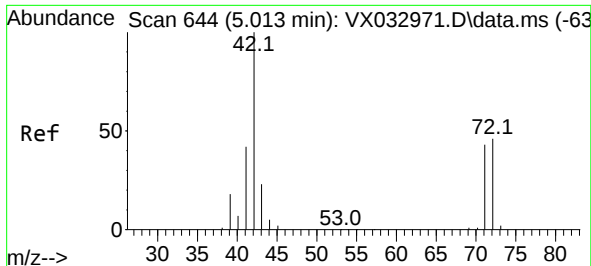
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#28
 Bromochloromethane
 Concen: 53.531 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VX033032.D
 Acq: 23 Nov 2022 20:02

Tgt Ion: 49 Resp: 51881
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 83.5 67.5 101.3





#29

Tetrahydrofuran

Concen: 294.989 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 14749

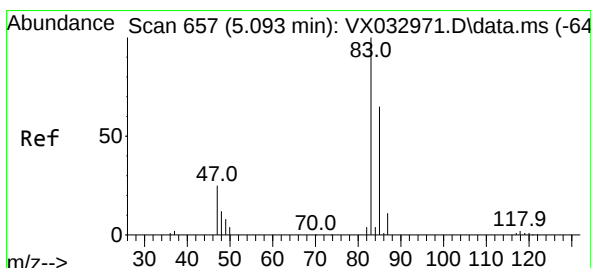
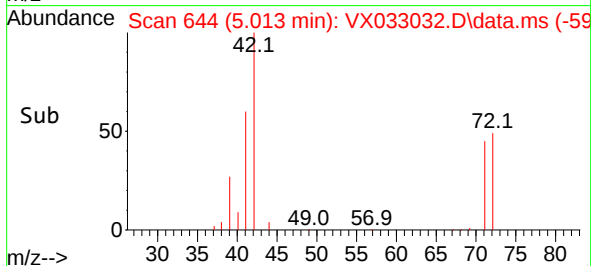
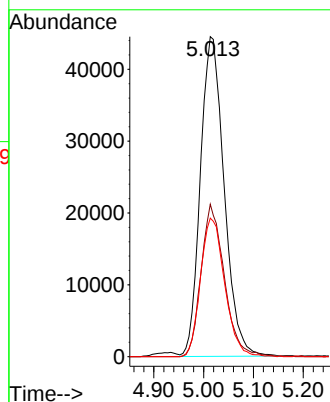
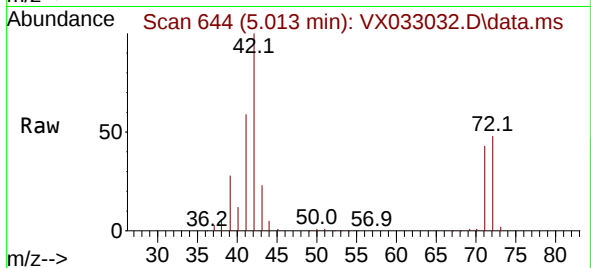
Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.6	56.4
71	43.9	34.7	52.1

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#30

Chloroform

Concen: 55.276 ug/l

RT: 5.093 min Scan# 657

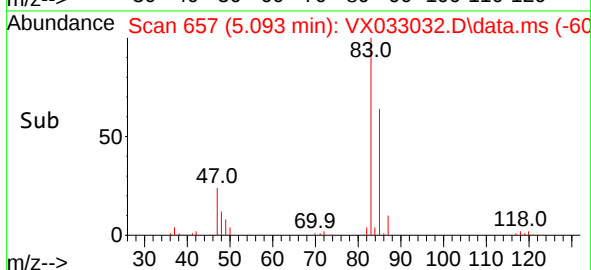
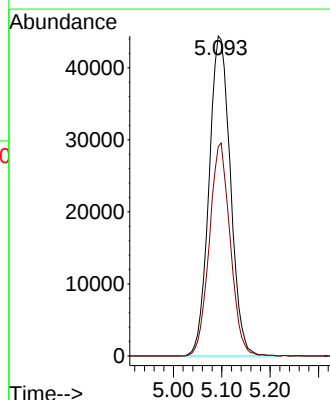
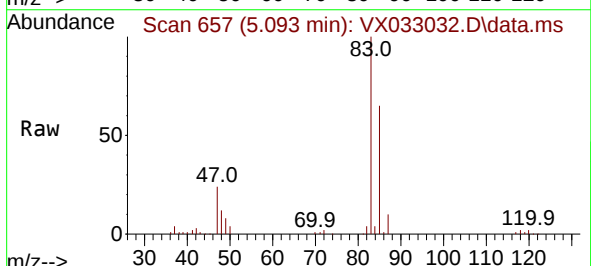
Delta R.T. -0.006 min

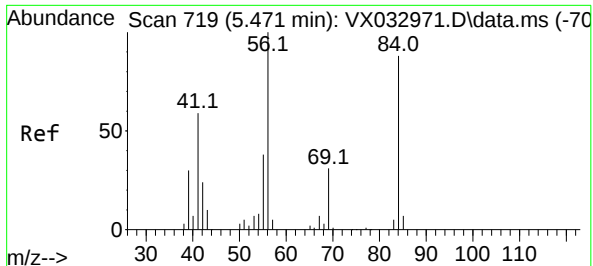
Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Tgt Ion: 83 Resp: 136554

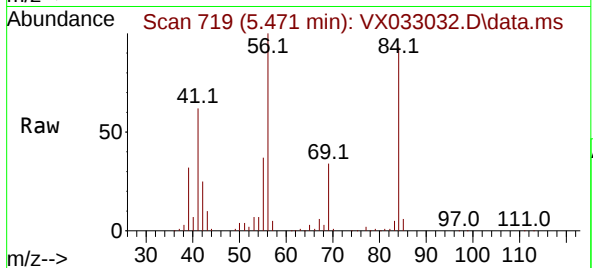
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.1	76.7





#31
Cyclohexane
Concen: 52.473 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

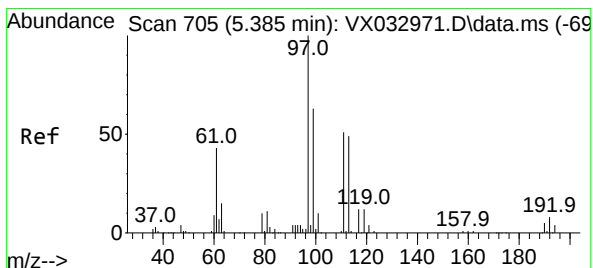
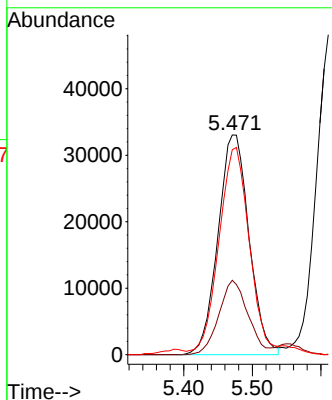
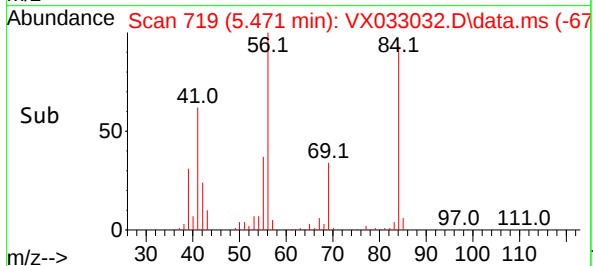
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



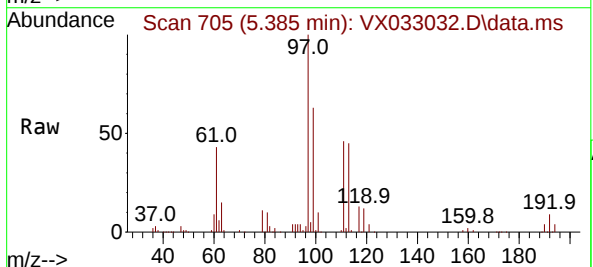
Tgt Ion: 56 Resp: 10403
Ion Ratio Lower Upper
56 100
69 33.8 24.1 36.1
84 90.9 66.9 100.3

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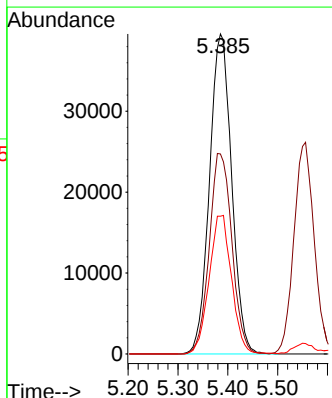
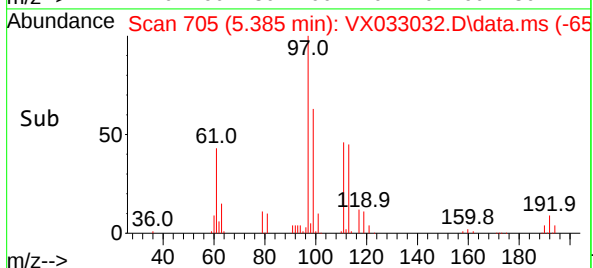
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

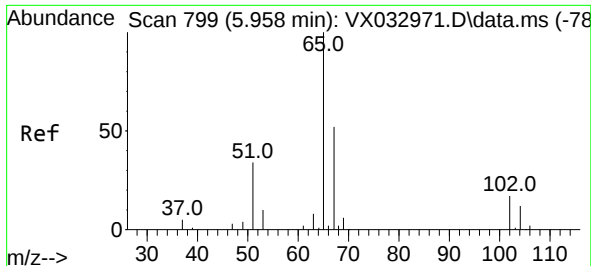


#32
1,1,1-Trichloroethane
Concen: 55.171 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



Tgt Ion: 97 Resp: 122057
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 44.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.740 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 63389

Ion Ratio Lower Upper

65 100

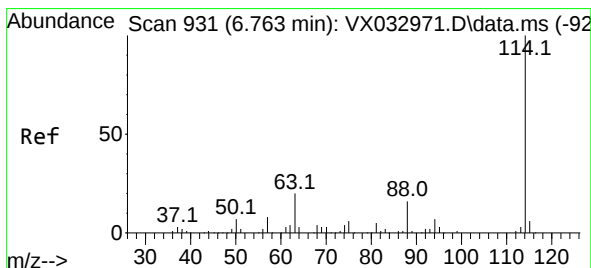
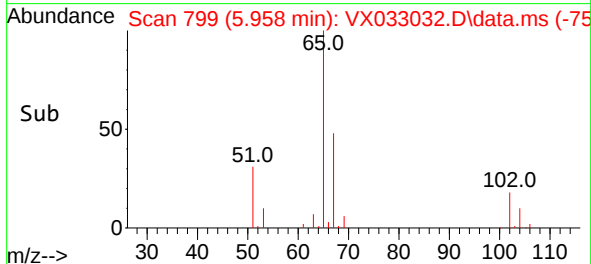
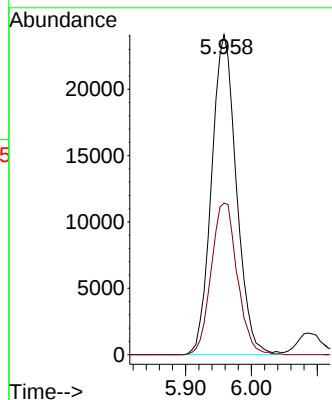
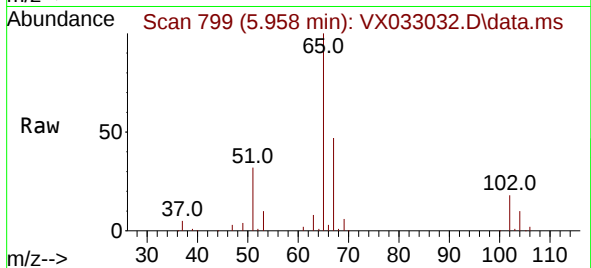
67 49.7 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

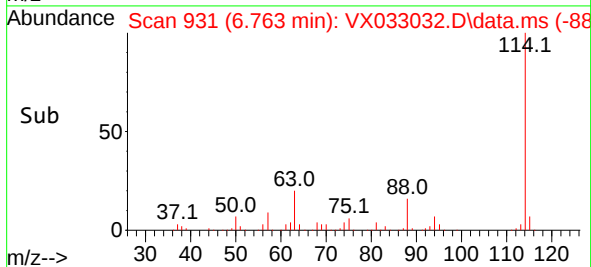
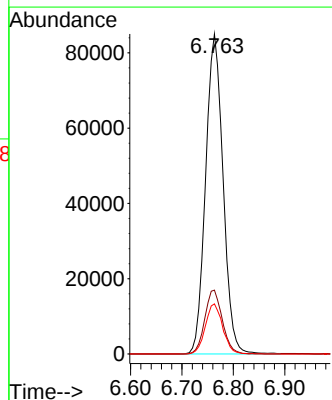
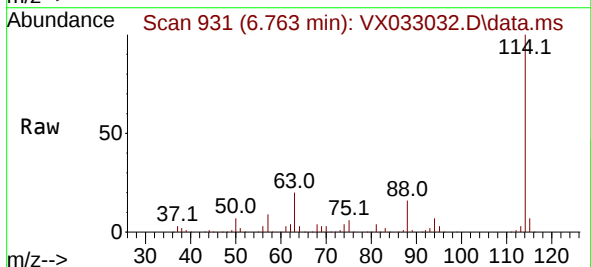
Tgt Ion:114 Resp: 200664

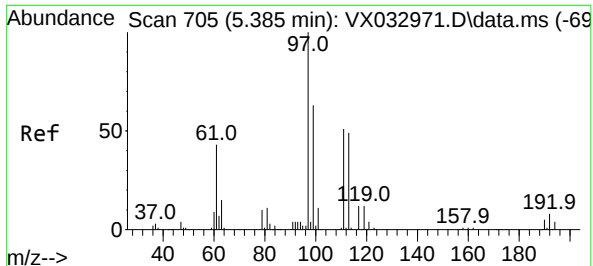
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

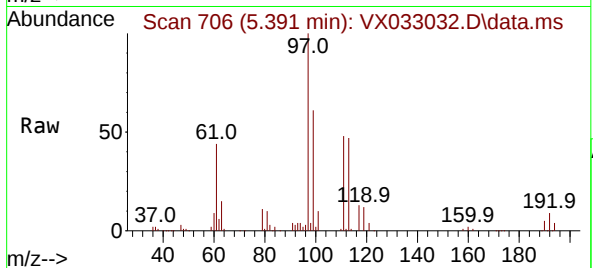
88 15.7 0.0 33.4





#35
Dibromofluoromethane
Concen: 46.658 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

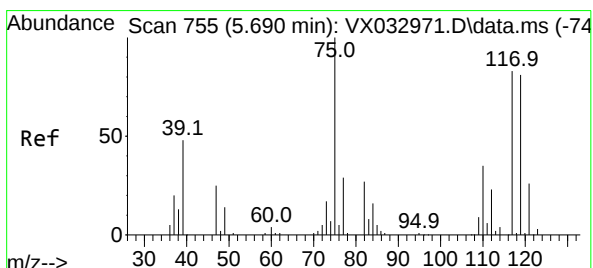
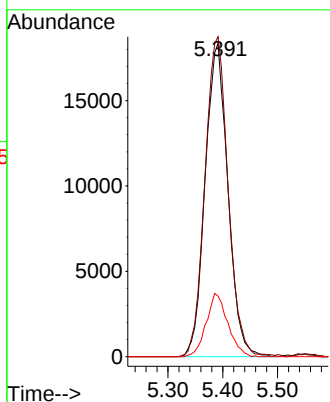
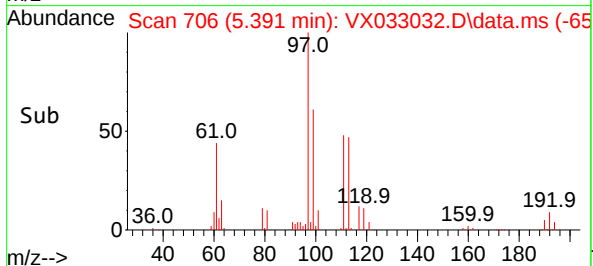
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 5278
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.2 15.4 23.2

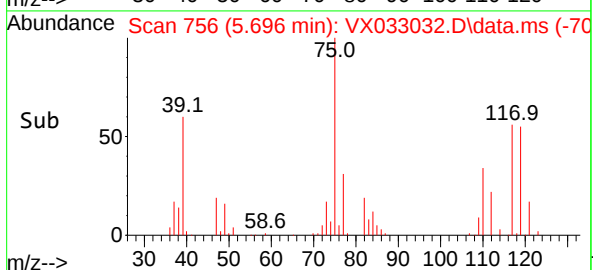
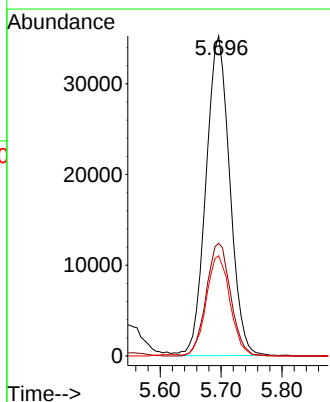
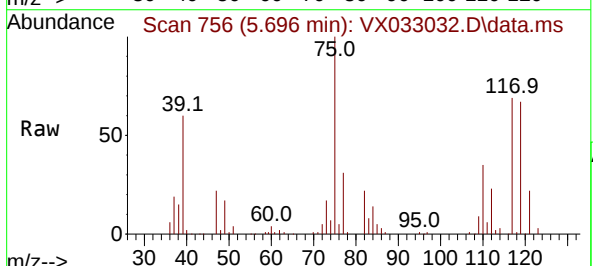
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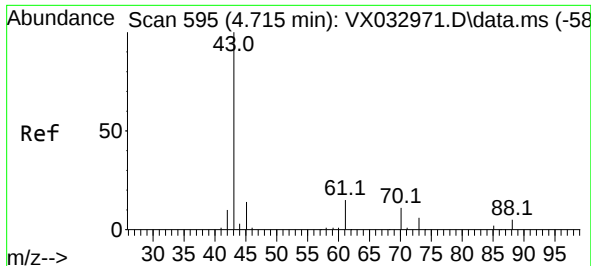
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#36
1,1-Dichloropropene
Concen: 52.754 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Tgt Ion: 75 Resp: 95425
Ion Ratio Lower Upper
75 100
110 36.2 18.4 55.2
77 31.6 24.5 36.7





#37

Ethyl Acetate

Concen: 56.385 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

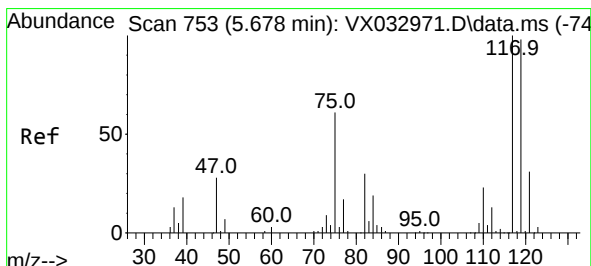
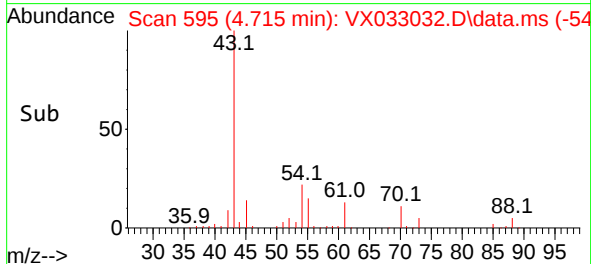
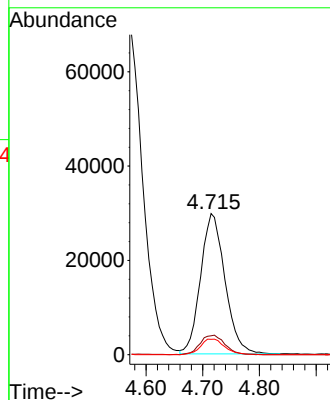
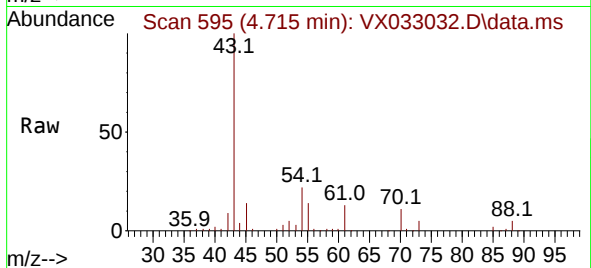
Tgt Ion:	43	Resp:	8898
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.5	17.3
70	11.0	9.1	13.7

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#38

Carbon Tetrachloride

Concen: 52.981 ug/l

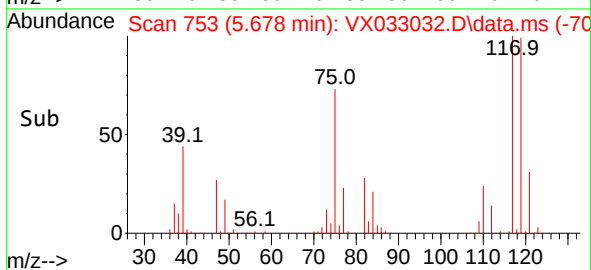
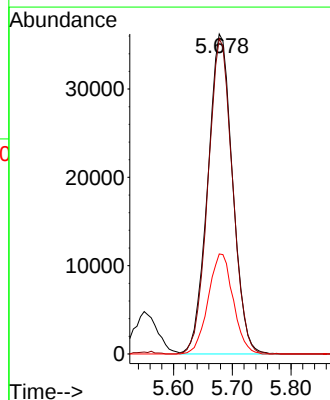
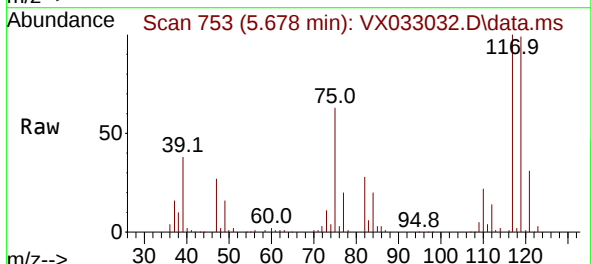
RT: 5.678 min Scan# 753

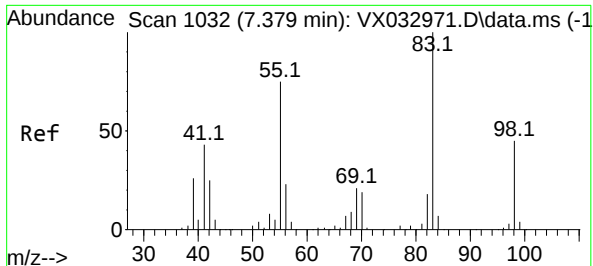
Delta R.T. -0.006 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Tgt Ion:	117	Resp:	106314
Ion Ratio	Lower	Upper	
117	100		
119	98.5	77.2	115.8
121	31.3	25.8	38.6





#39

Methylcyclohexane

Concen: 52.119 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 10756

Ion Ratio Lower Upper

83 100

55 70.6 58.4 87.6

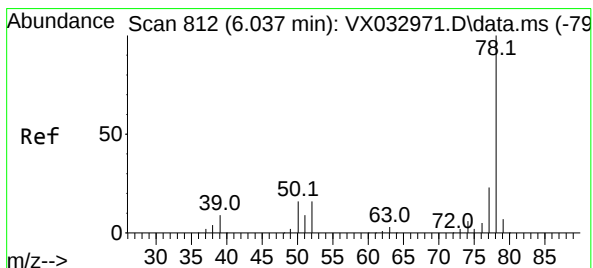
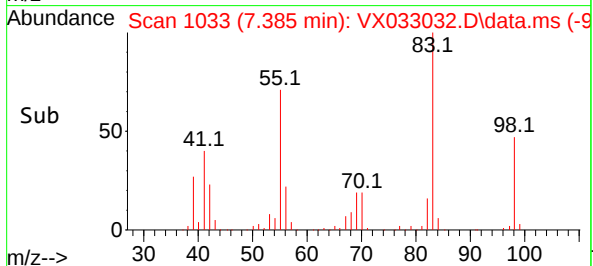
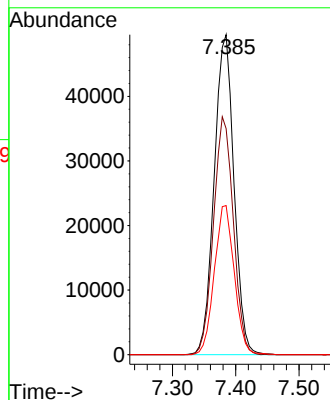
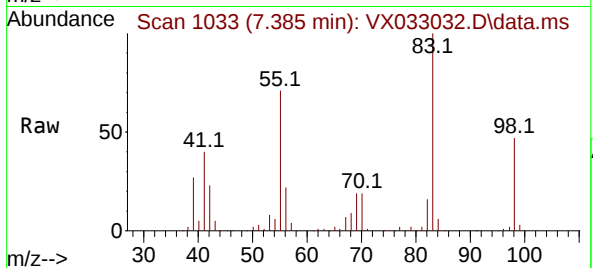
98 46.6 37.2 55.8

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Supervised By :Mahesh Dadoda 11/28/2022



#40

Benzene

Concen: 53.388 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX033032.D

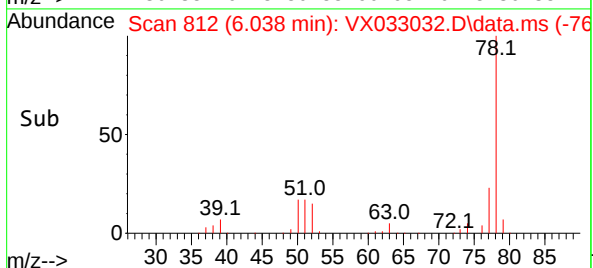
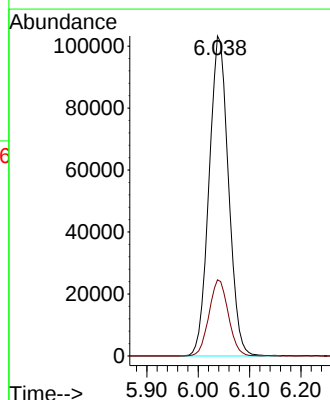
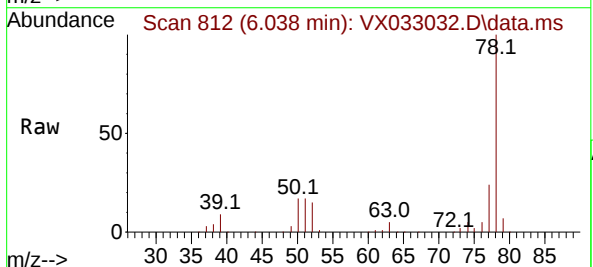
Acq: 23 Nov 2022 20:02

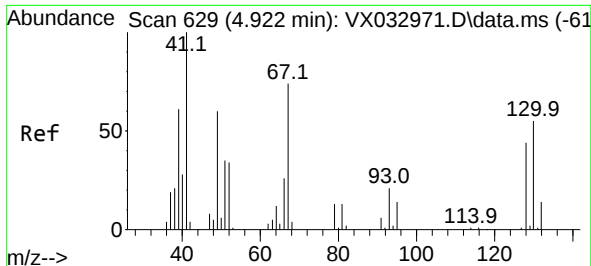
Tgt Ion: 78 Resp: 270764

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4





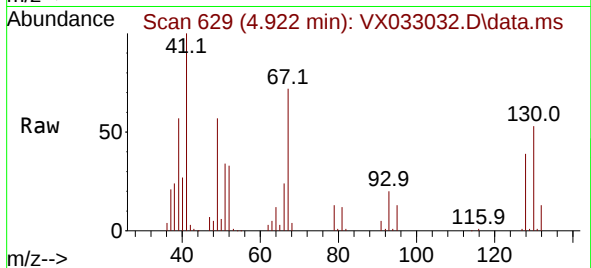
#41
Methacrylonitrile
Concen: 58.167 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



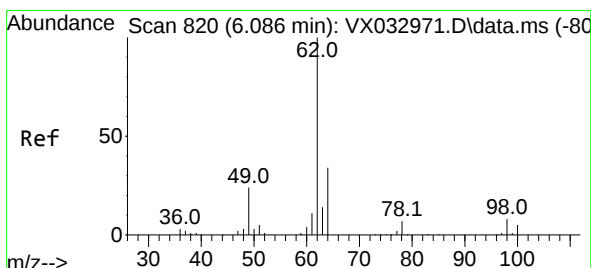
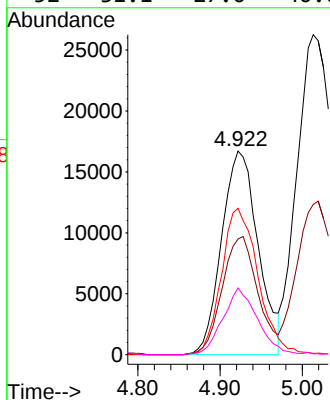
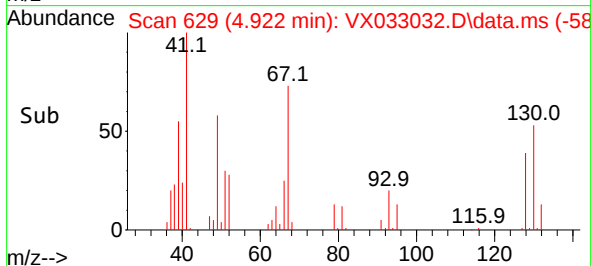
Tgt Ion: 41 Resp: 5165
Ion Ratio Lower Upper
41 100
39 56.8 47.5 71.3
67 72.2 60.5 90.7
52 31.1 27.0 40.6

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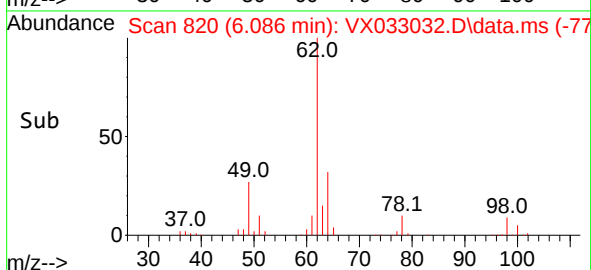
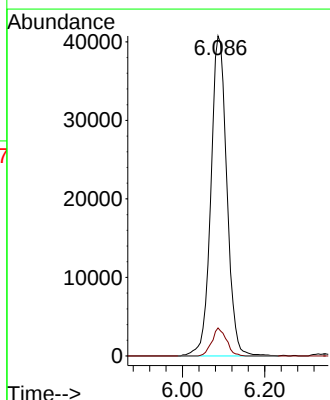
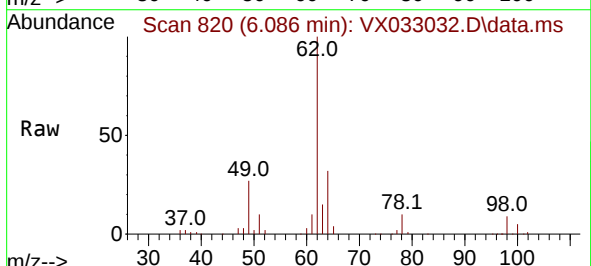
Reviewed By :John Carlone 11/25/2022

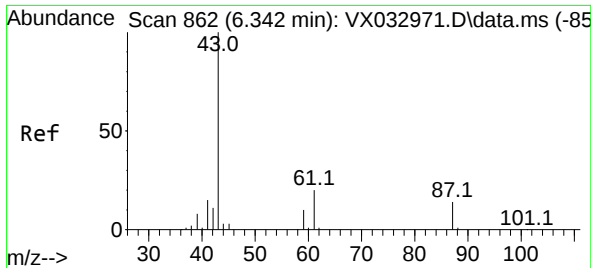
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 53.897 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Tgt Ion: 62 Resp: 110058
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





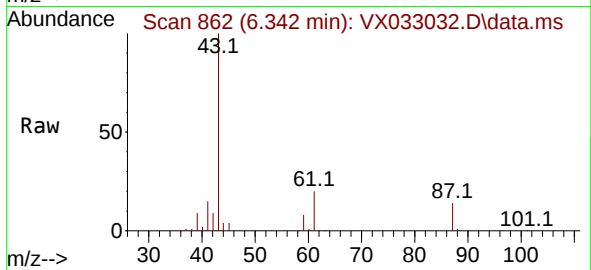
#43
Isopropyl Acetate
Concen: 56.240 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

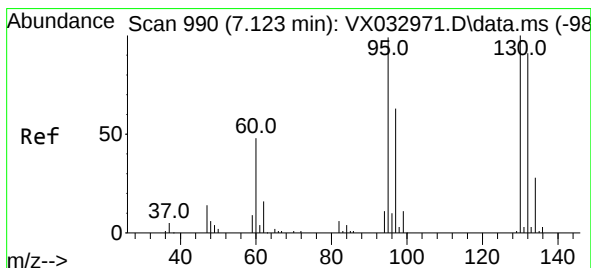
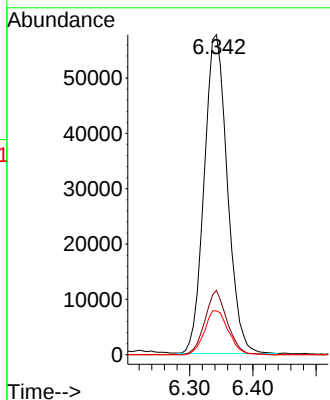
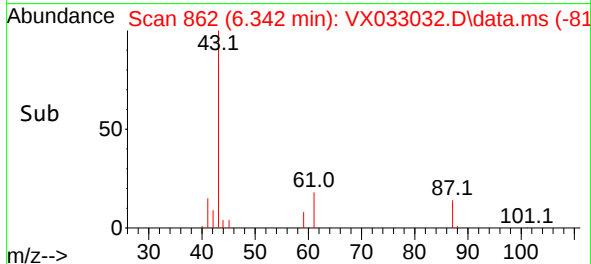


Tgt Ion: 43 Resp: 146780
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0
87 14.2 10.8 16.2

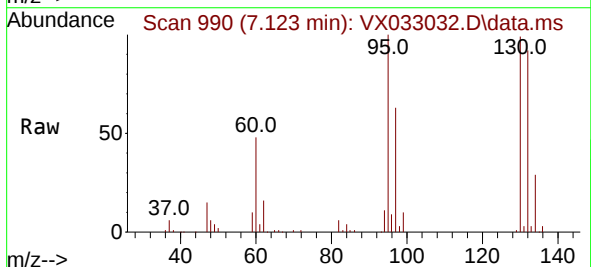
Manual Integrations

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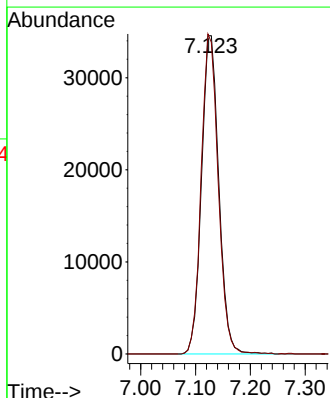
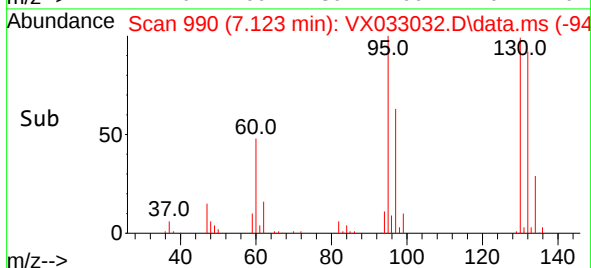
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

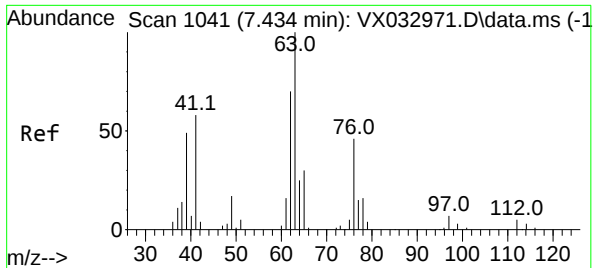


#44
Trichloroethene
Concen: 53.179 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



Tgt Ion:130 Resp: 75681
Ion Ratio Lower Upper
130 100
95 100.6 0.0 195.2





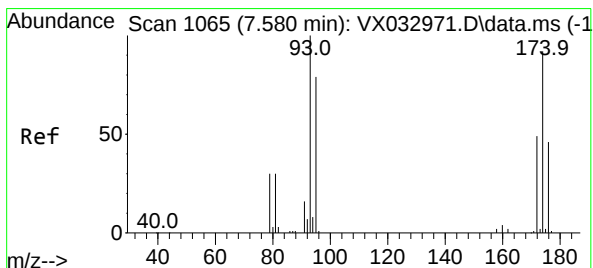
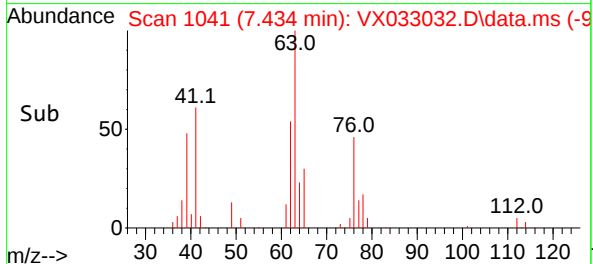
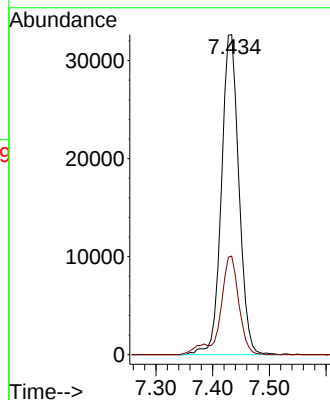
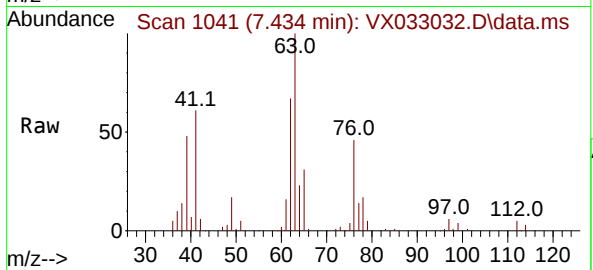
#45
1,2-Dichloropropane
Concen: 55.695 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 6980
Ion Ratio Lower Upper
63 100
65 30.8 24.6 36.8

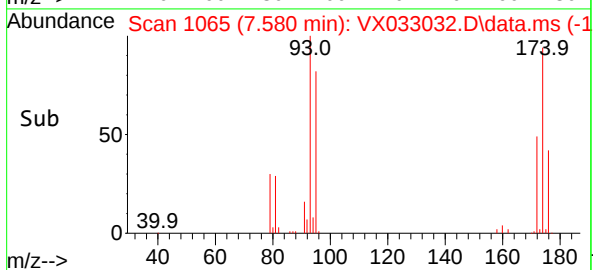
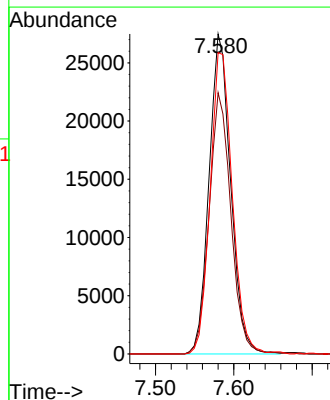
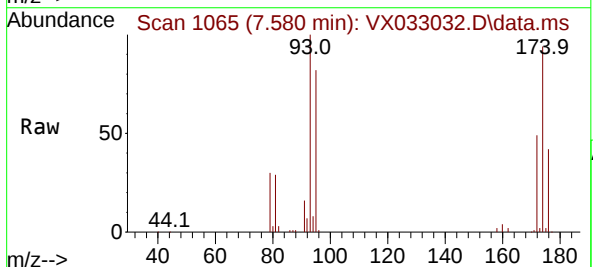
Manual Integrations
APPROVED

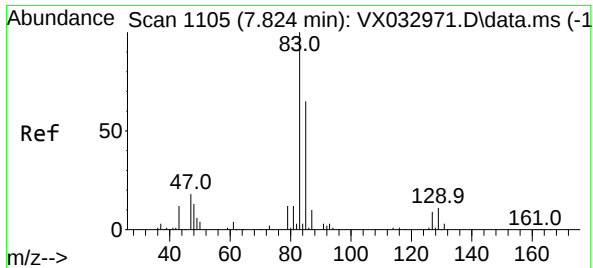
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#46
Dibromomethane
Concen: 53.728 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Tgt Ion: 93 Resp: 52544
Ion Ratio Lower Upper
93 100
95 82.5 65.8 98.8
174 96.5 79.8 119.6





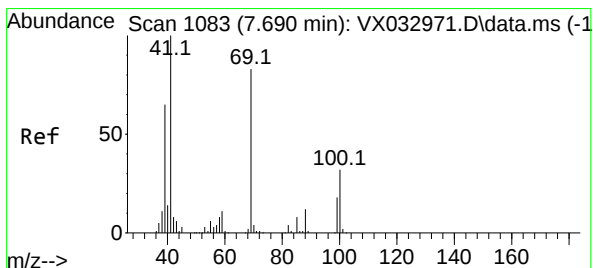
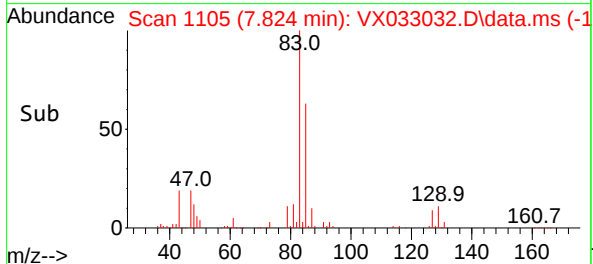
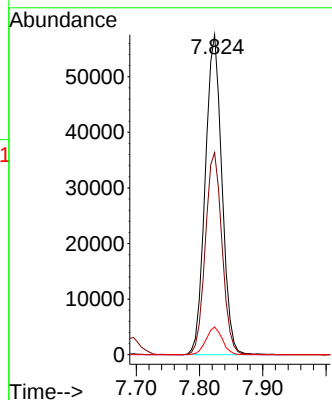
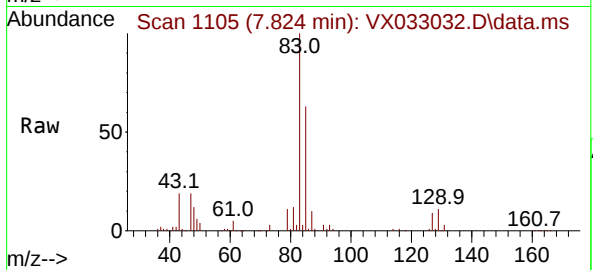
#47
Bromodichloromethane
Concen: 55.809 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 105463
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.4
127 8.6 7.4 11.2

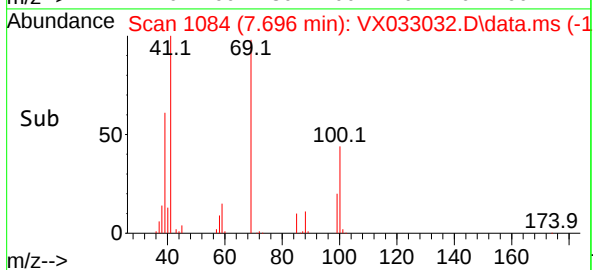
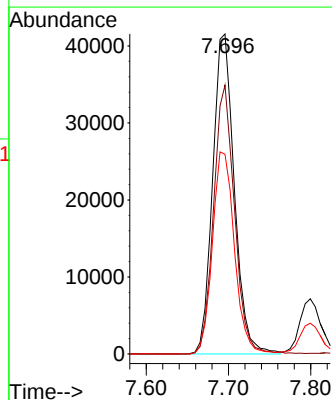
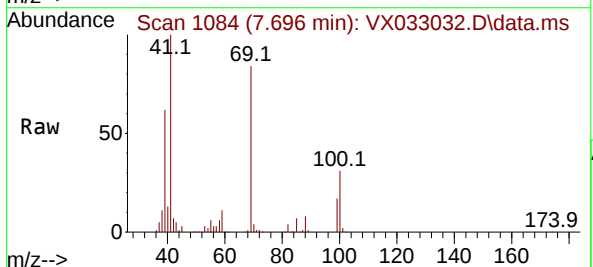
Manual Integrations
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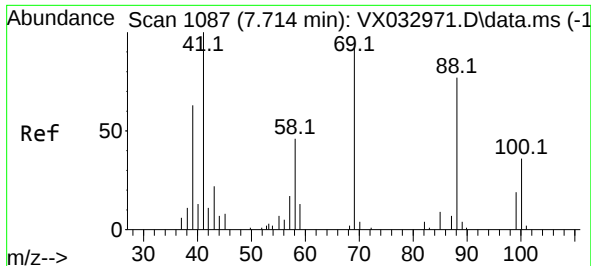
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 56.629 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Tgt Ion: 41 Resp: 76076
Ion Ratio Lower Upper
41 100
69 81.1 65.1 97.7
39 64.1 51.9 77.9





#49

1,4-Dioxane

Concen: 1301.284 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.055 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

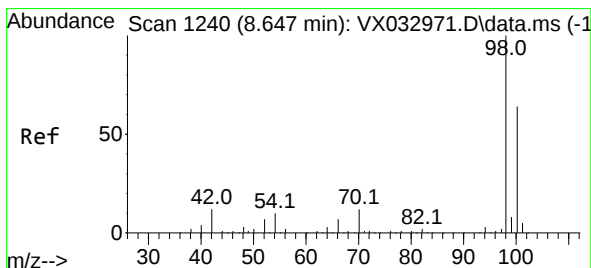
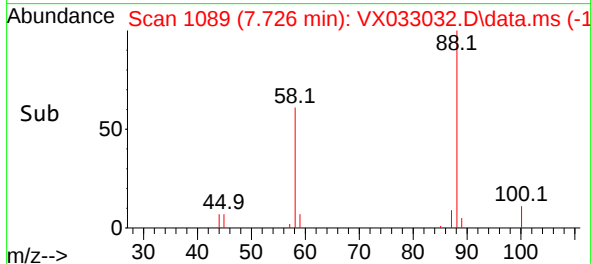
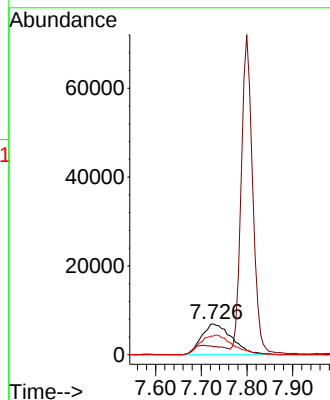
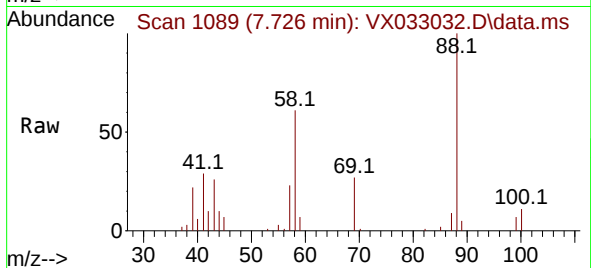
Tgt Ion: 88 Resp: 32180
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8
 58 67.7 51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 49.244 ug/l

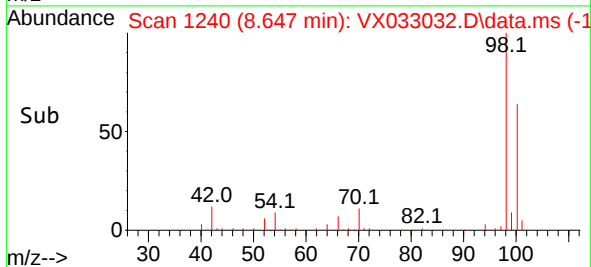
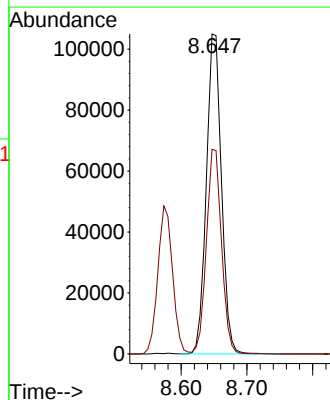
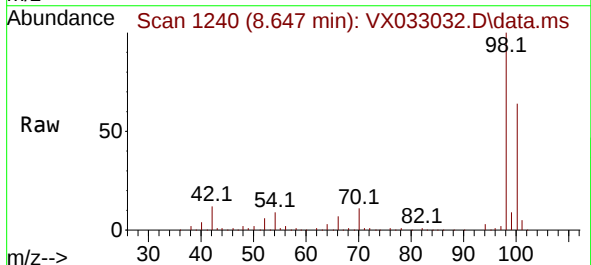
RT: 8.647 min Scan# 1240

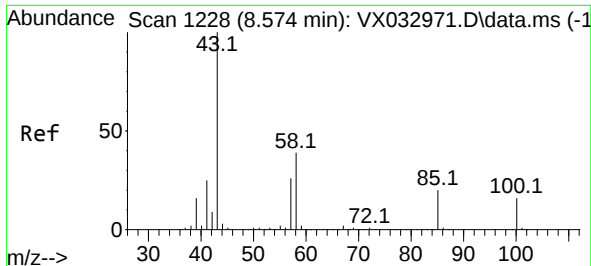
Delta R.T. -0.006 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Tgt Ion: 98 Resp: 167726
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 296.924 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 47819

Ion Ratio Lower Upper

43 100

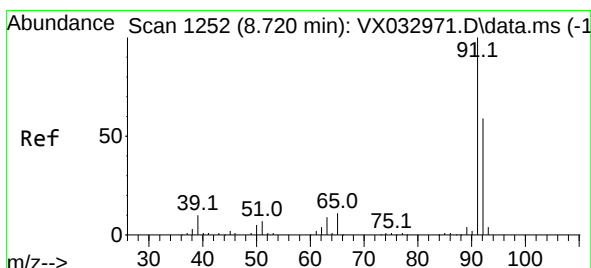
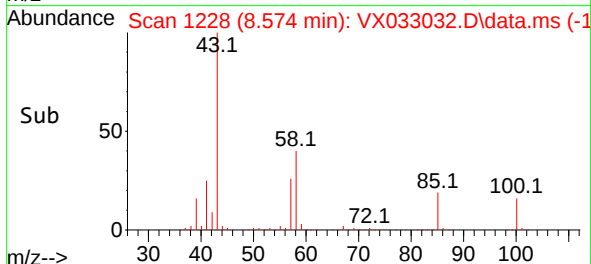
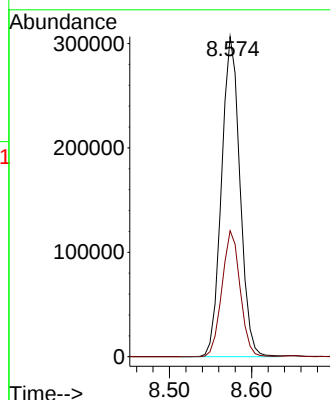
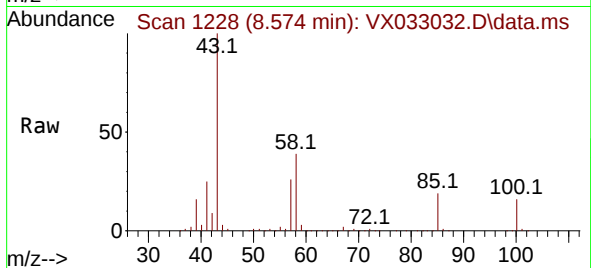
58 38.8 30.9 46.3

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#52

Toluene

Concen: 54.498 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033032.D

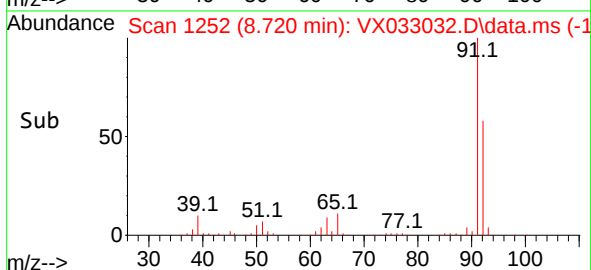
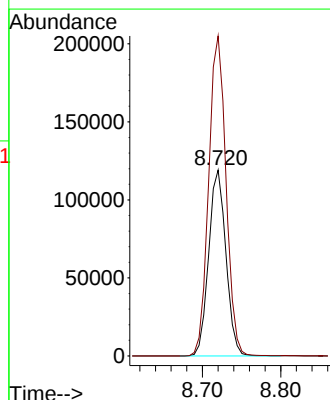
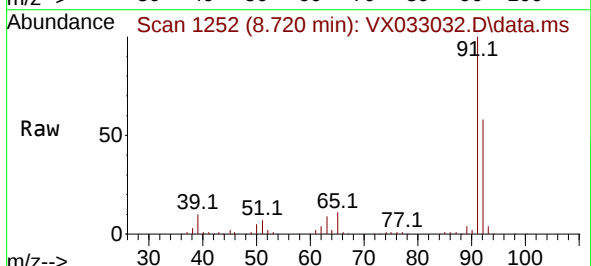
Acq: 23 Nov 2022 20:02

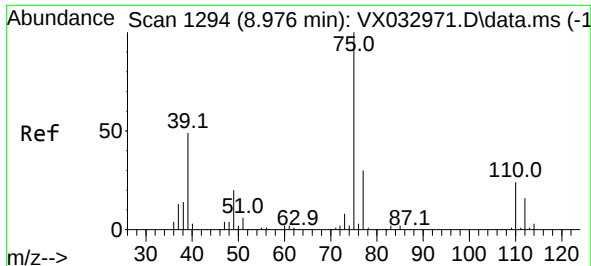
Tgt Ion: 92 Resp: 181840

Ion Ratio Lower Upper

92 100

91 173.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.385 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 10651

Ion Ratio Lower Upper

75 100

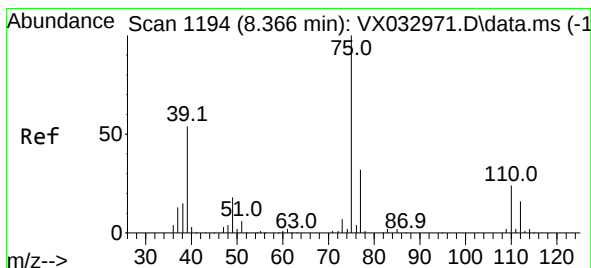
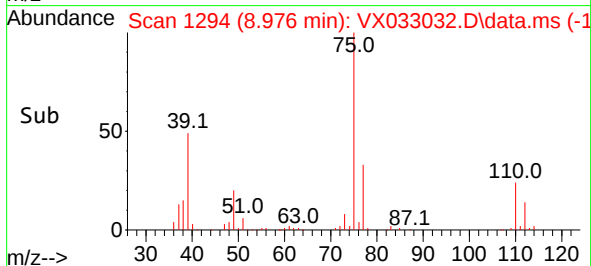
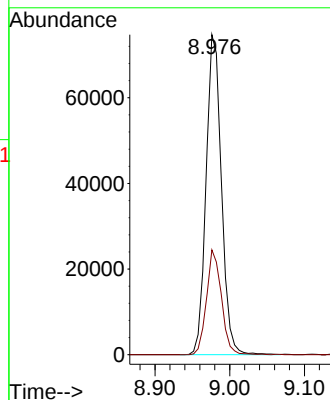
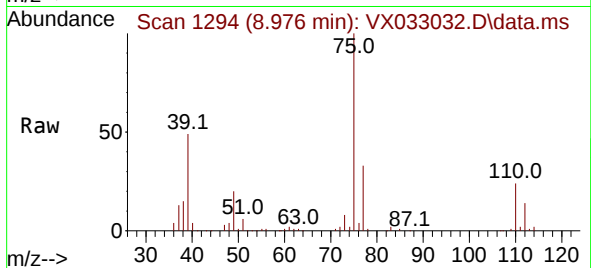
77 32.7 25.1 37.7

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#54

cis-1,3-Dichloropropene

Concen: 55.071 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

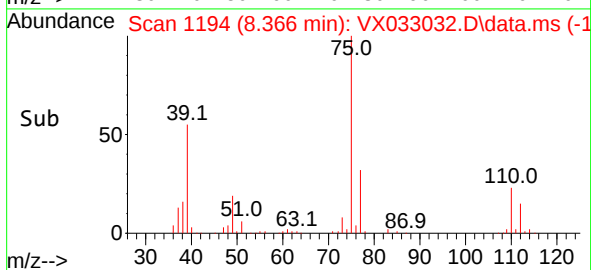
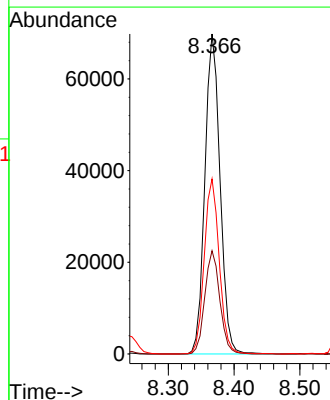
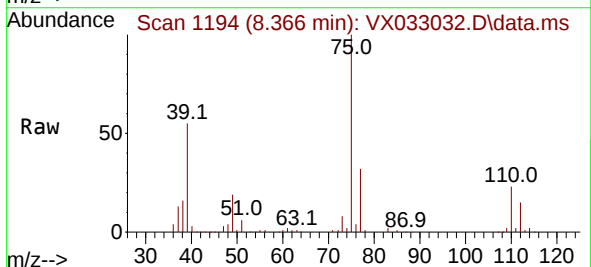
Tgt Ion: 75 Resp: 112192

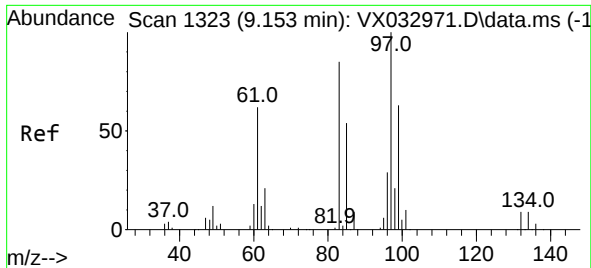
Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

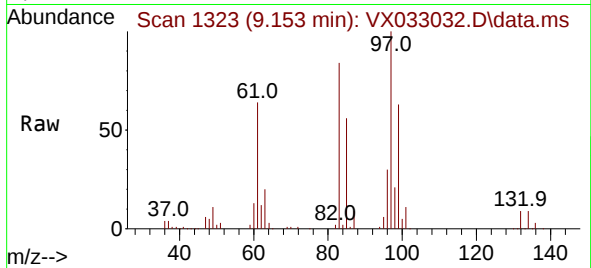
39 54.7 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 54.384 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

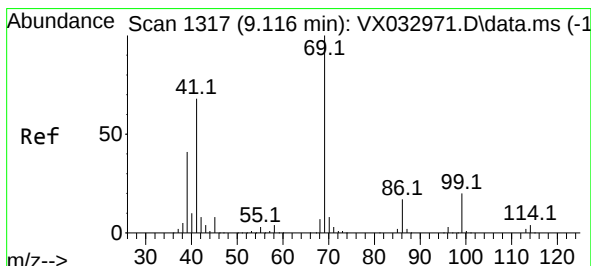
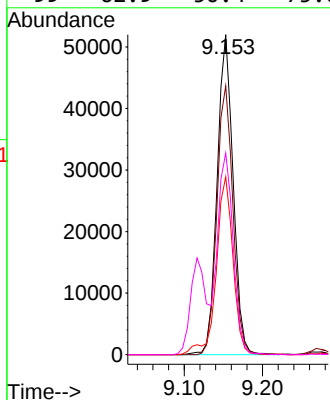
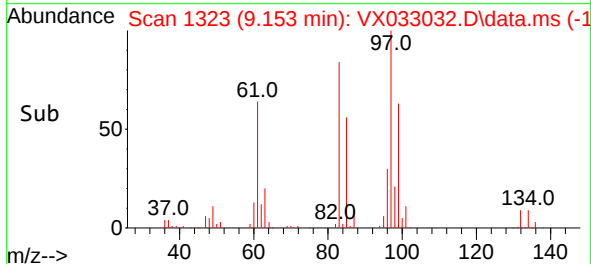
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



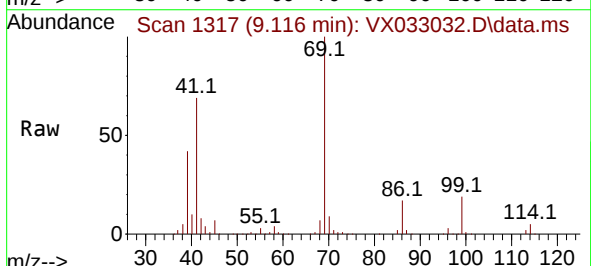
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.1	102.1
85	55.5	43.3	64.9
99	62.9	50.4	75.6

Manual Integrations
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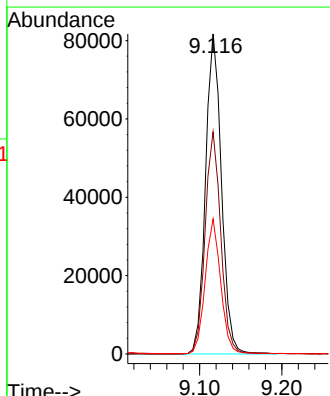
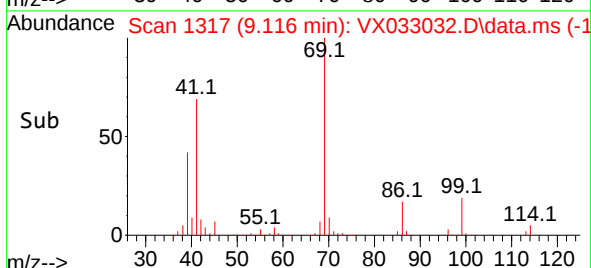
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

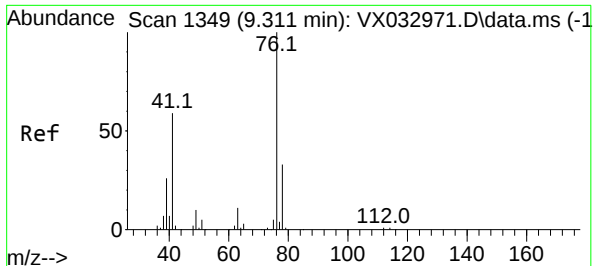


#56
Ethyl methacrylate
Concen: 58.824 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.3	81.5
39	41.2	35.2	52.8





#57

1,3-Dichloropropane

Concen: 54.810 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 120200

Ion Ratio Lower Upper

76 100

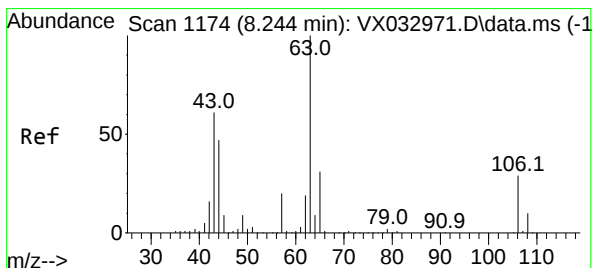
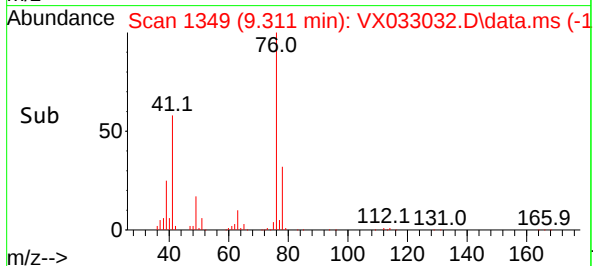
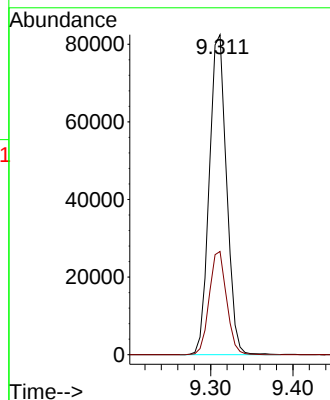
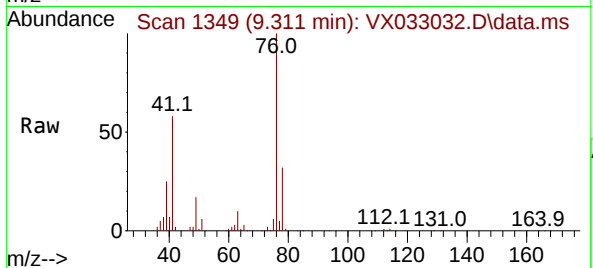
78 32.4 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 291.860 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033032.D

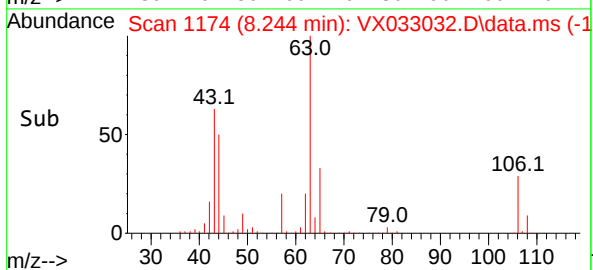
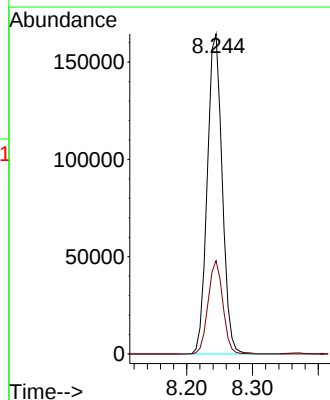
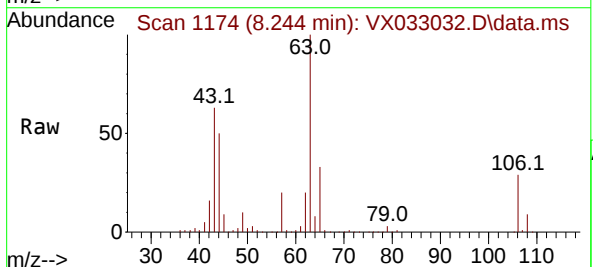
Acq: 23 Nov 2022 20:02

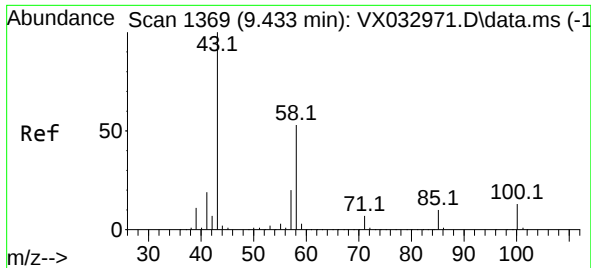
Tgt Ion: 63 Resp: 259403

Ion Ratio Lower Upper

63 100

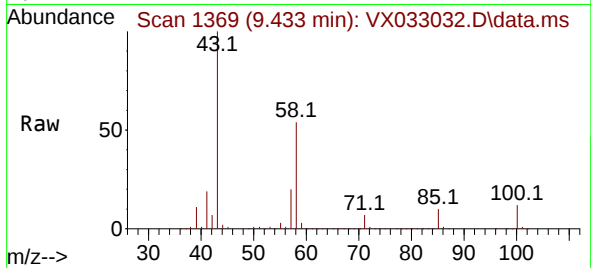
106 28.7 23.3 34.9





#59
2-Hexanone
Concen: 302.057 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

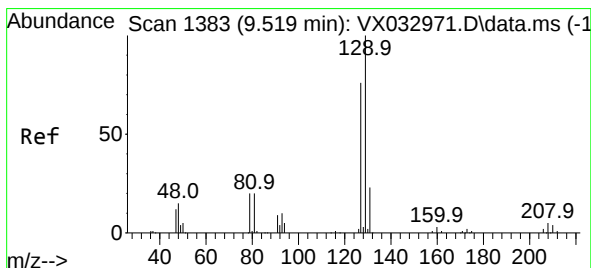
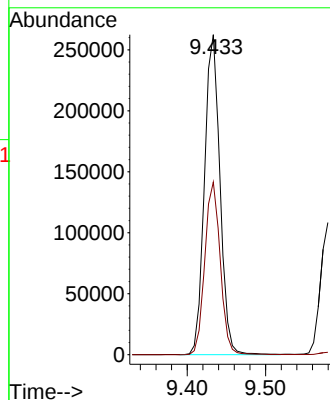
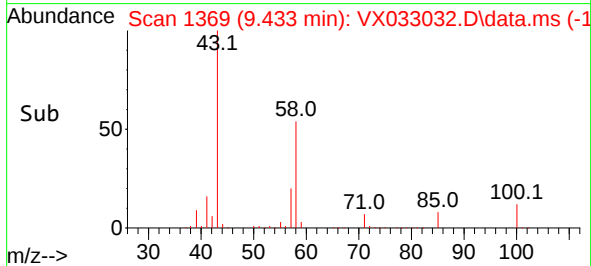
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 359354
Ion Ratio Lower Upper
43 100
58 53.7 26.5 79.5

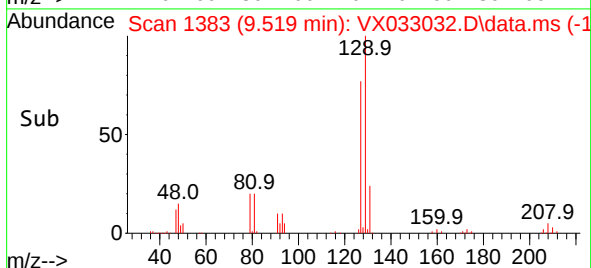
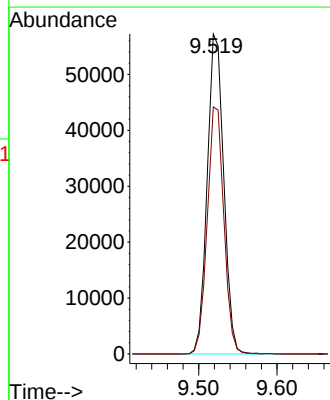
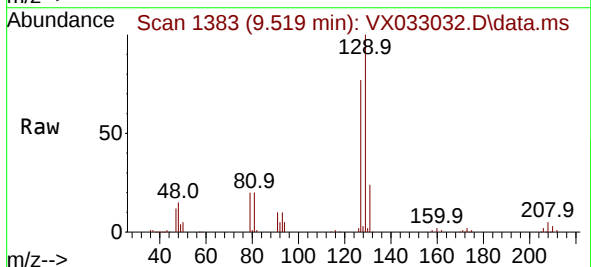
Manual Integrations
APPROVED

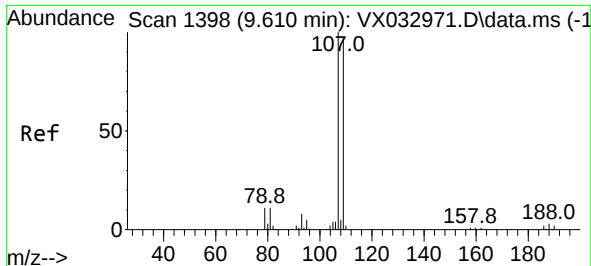
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#60
Dibromochloromethane
Concen: 57.150 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

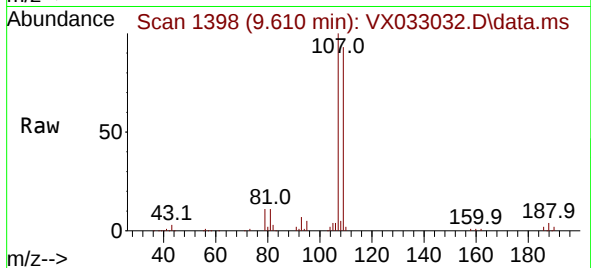
Tgt Ion:129 Resp: 83585
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 55.623 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

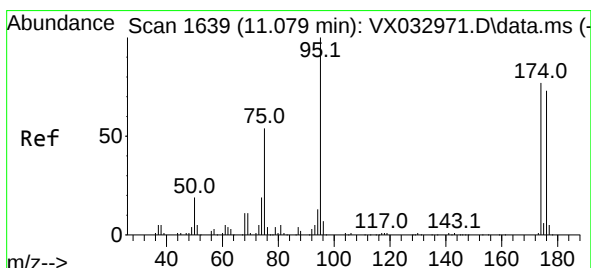
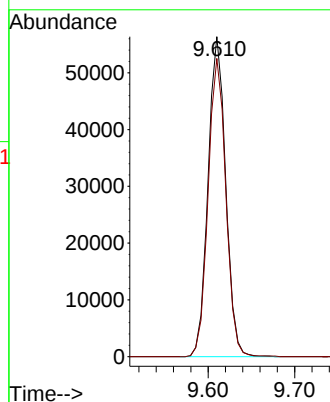
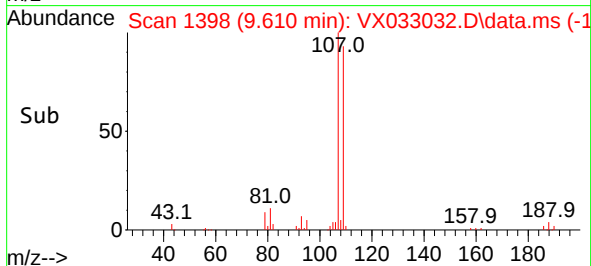
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



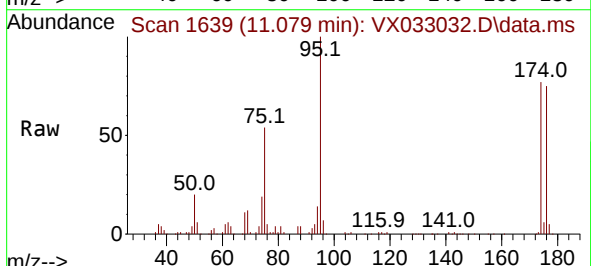
Tgt Ion:107 Resp: 7975
Ion Ratio Lower Upper
107 100
109 93.6 76.0 114.0

Manual Integrations
APPROVED

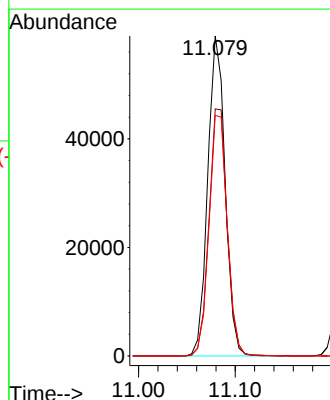
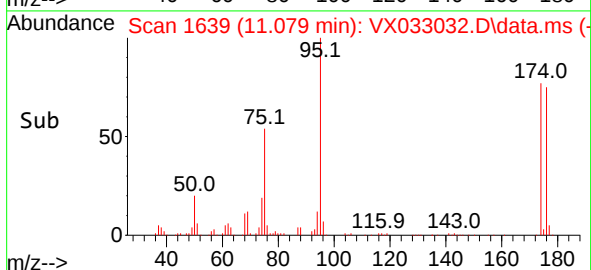
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

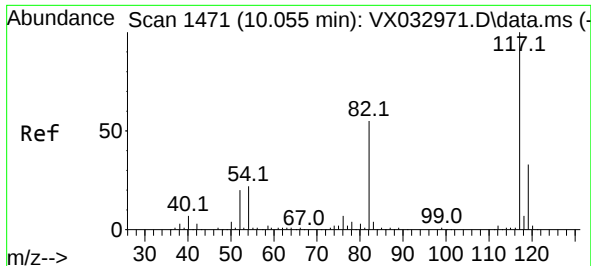


#62
4-Bromofluorobenzene
Concen: 49.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



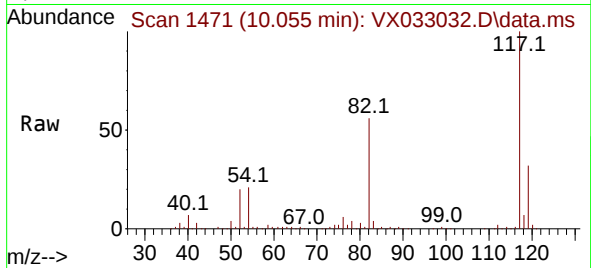
Tgt Ion: 95 Resp: 73640
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.0
176 78.6 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

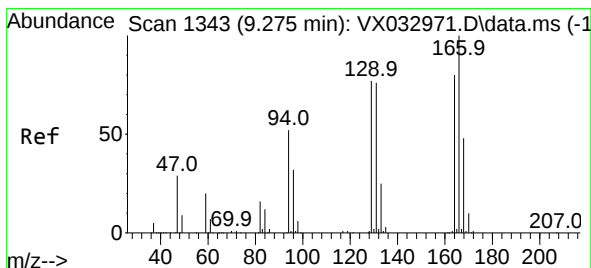
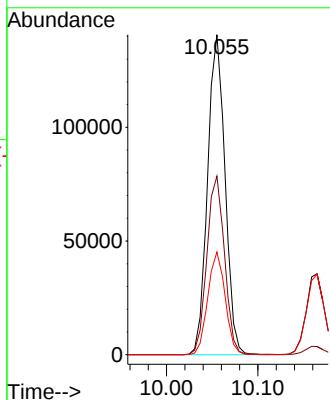
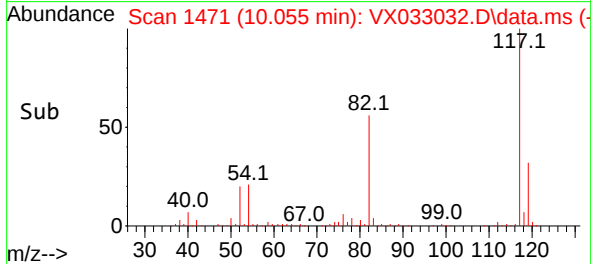
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 186200
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.1 25.7 38.5

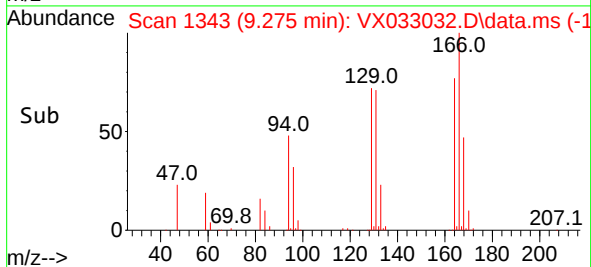
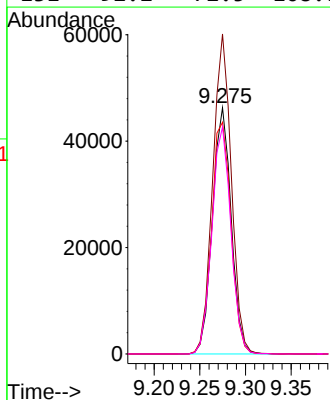
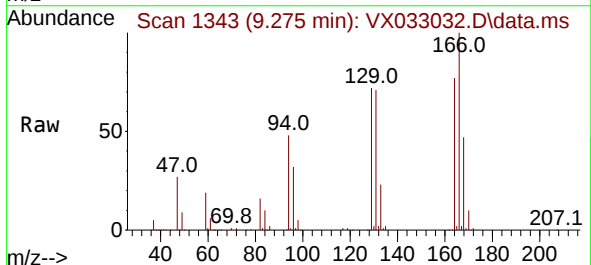
Manual Integrations
APPROVED

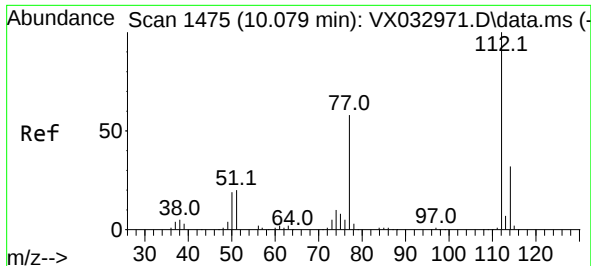
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 49.999 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

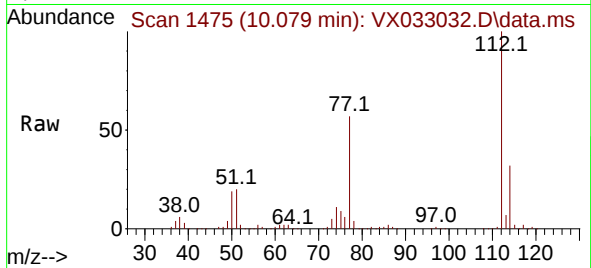
Tgt Ion:164 Resp: 65898
Ion Ratio Lower Upper
164 100
166 129.9 105.4 158.2
129 94.1 78.2 117.2
131 92.2 72.5 108.7





#65
Chlorobenzene
Concen: 52.855 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

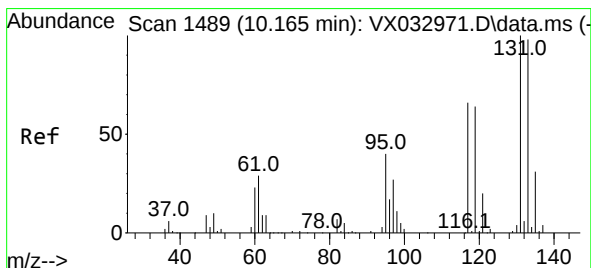
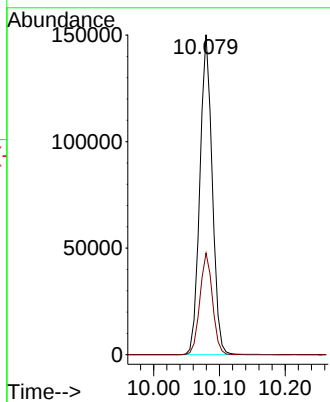
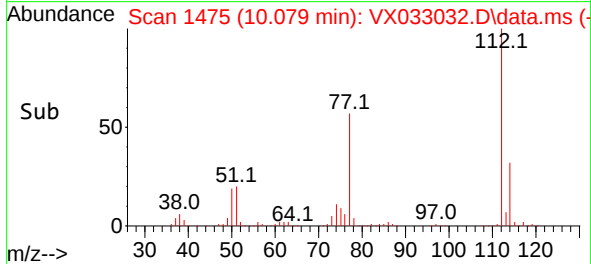
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



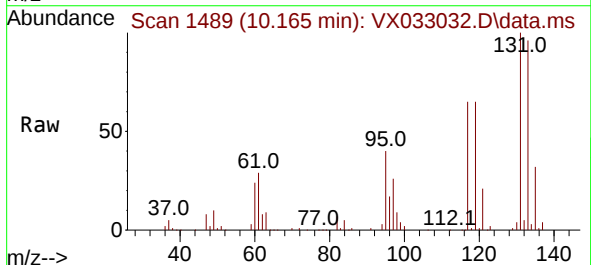
Tgt Ion:112 Resp: 19621
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
APPROVED

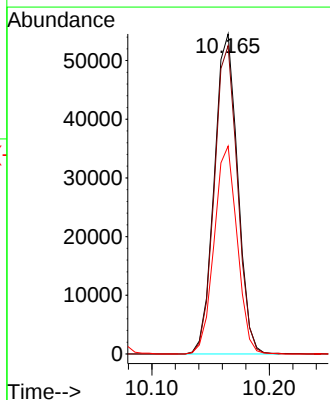
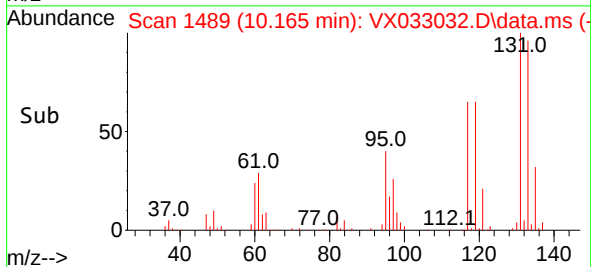
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

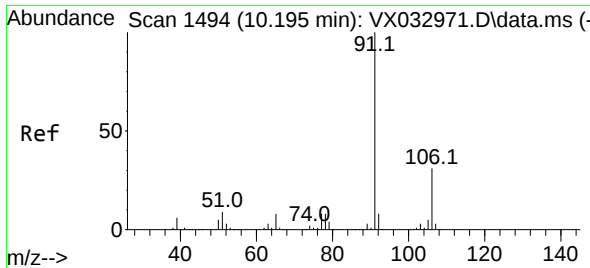


#66
1,1,1,2-Tetrachloroethane
Concen: 55.420 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



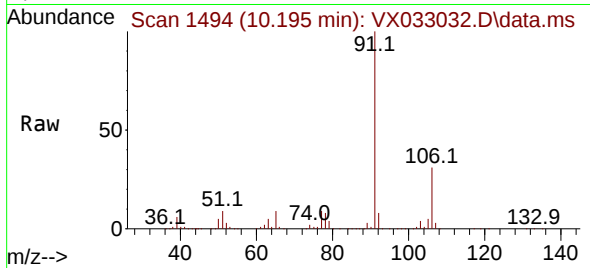
Tgt Ion:131 Resp: 75384
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 63.9 32.4 97.0





#67
Ethyl Benzene
Concen: 54.908 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

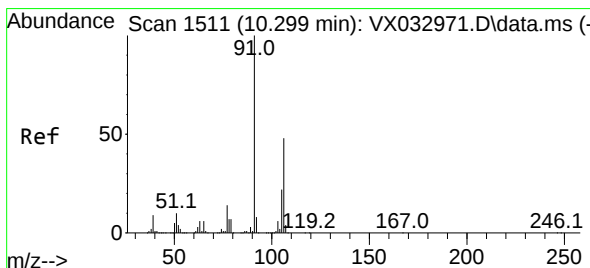
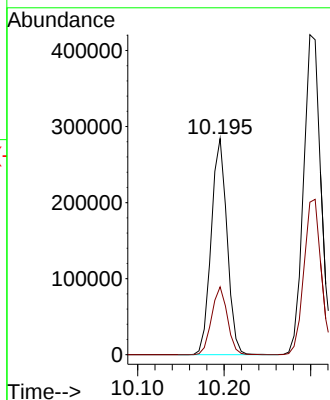
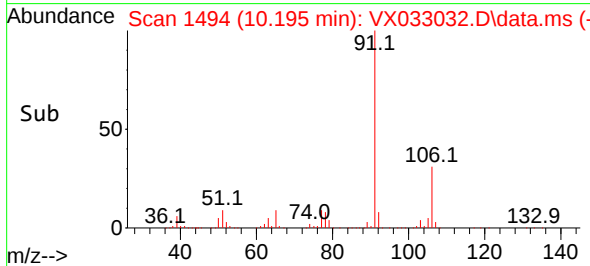
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



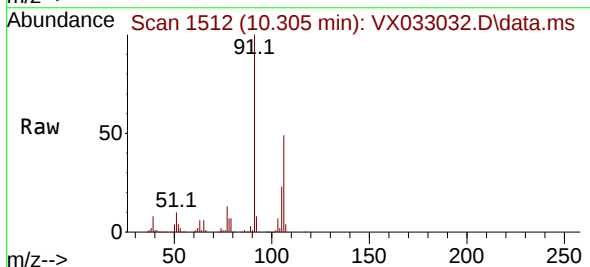
Tgt Ion: 91 Resp: 361583
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

Manual Integrations
APPROVED

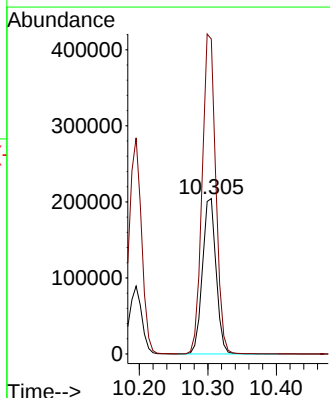
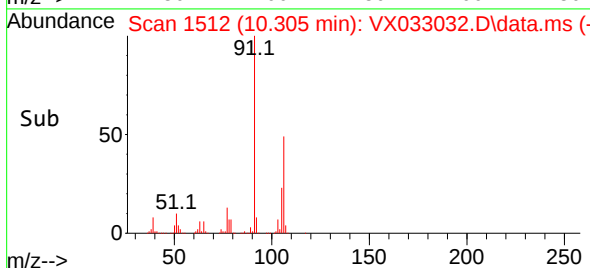
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

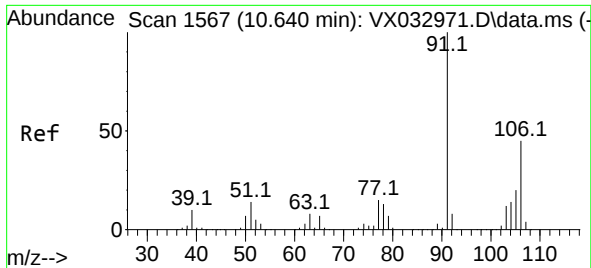


#68
m/p-Xylenes
Concen: 109.868 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



Tgt Ion:106 Resp: 283317
Ion Ratio Lower Upper
106 100
91 205.9 164.5 246.7





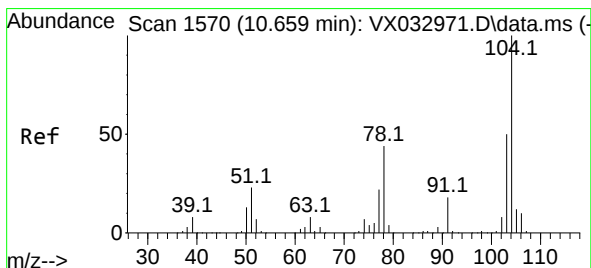
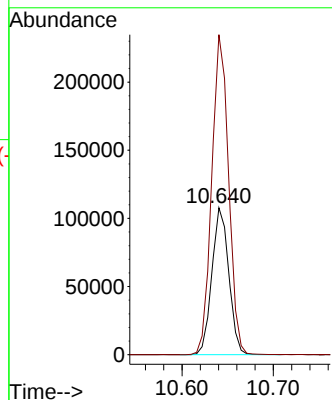
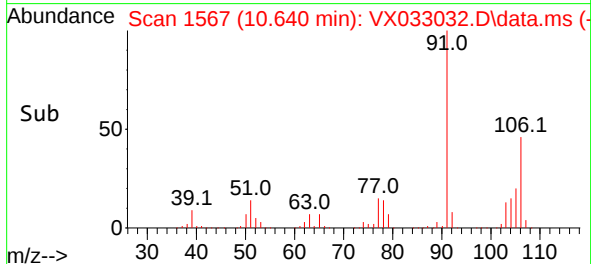
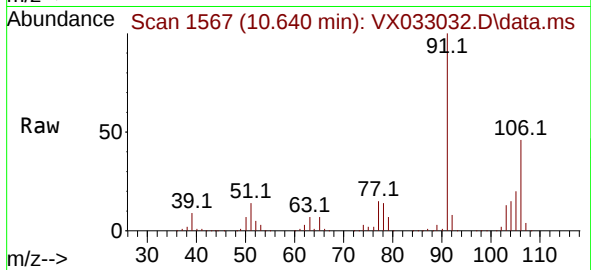
#69
o-Xylene
Concen: 55.361 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 138129
Ion Ratio Lower Upper
106 100
91 217.0 109.2 327.6

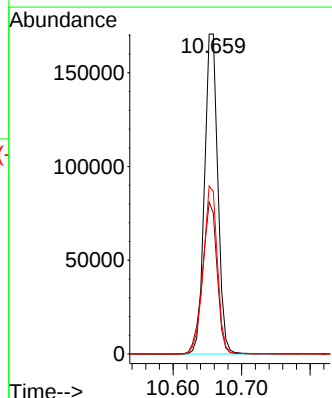
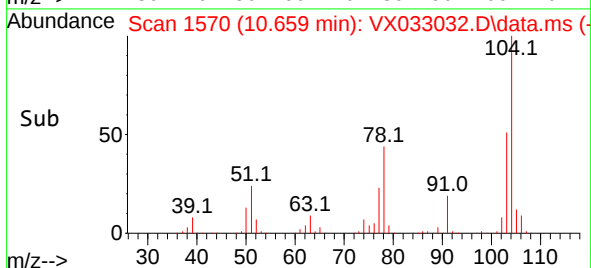
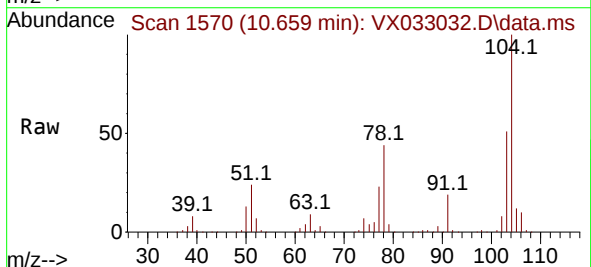
Manual Integrations
APPROVED

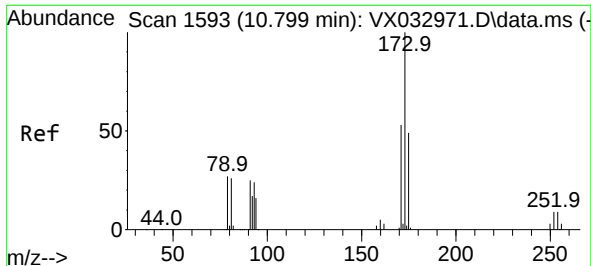
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 56.762 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

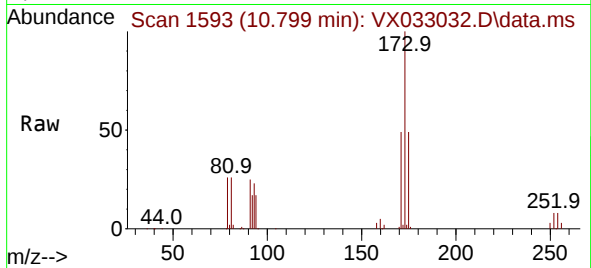
Tgt Ion:104 Resp: 231698
Ion Ratio Lower Upper
104 100
78 51.8 41.8 62.8
103 55.8 44.5 66.7





#71
Bromoform
Concen: 57.437 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

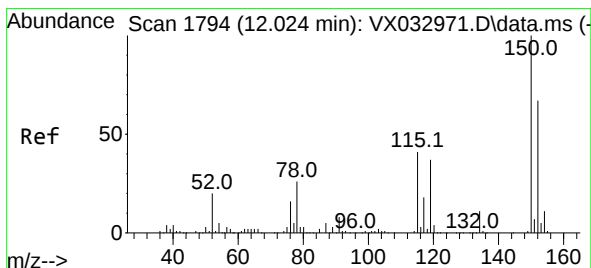
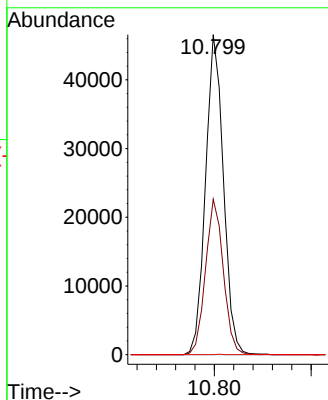
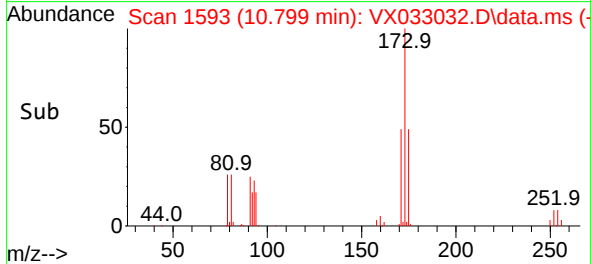
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5990
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.0 0.0 0.0

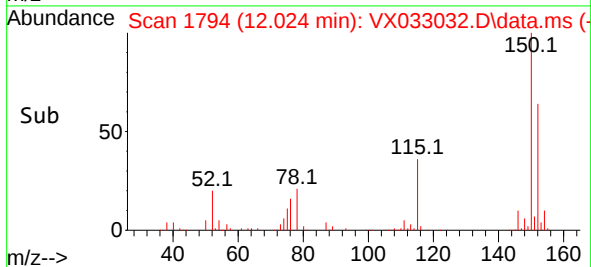
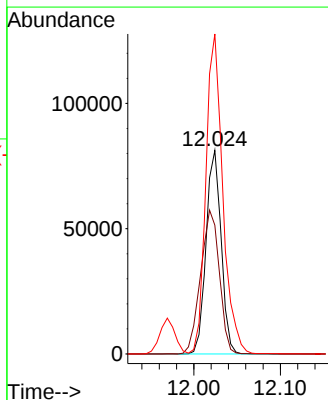
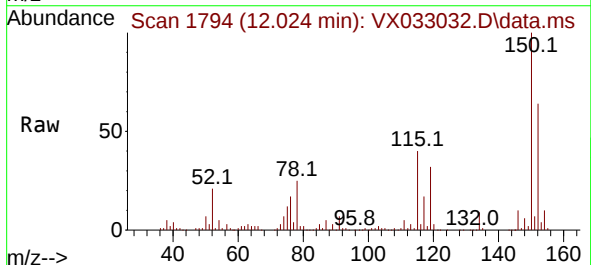
Manual Integrations
APPROVED

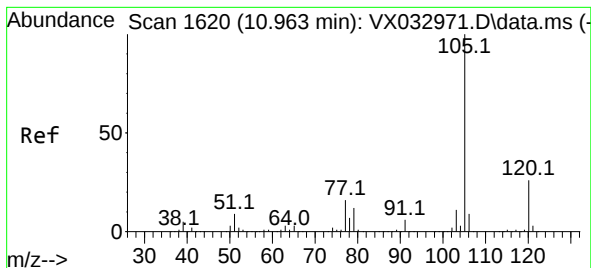
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Tgt Ion:152 Resp: 98224
Ion Ratio Lower Upper
152 100
115 87.7 44.0 132.0
150 176.4 0.0 351.8





#73

Isopropylbenzene

Concen: 53.166 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 373169

Ion Ratio Lower Upper

105 100

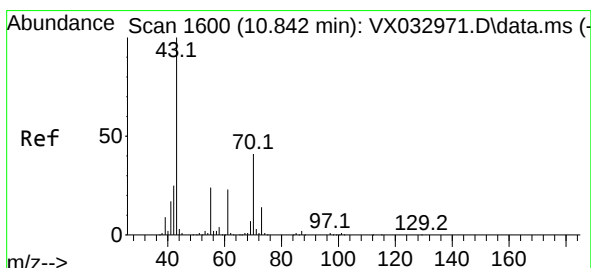
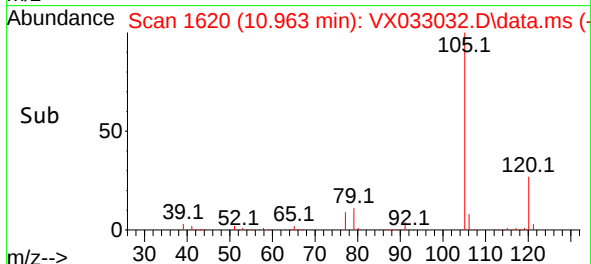
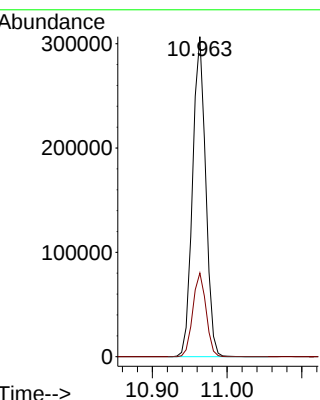
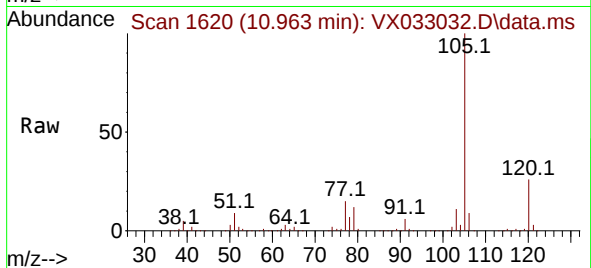
120 26.4 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#74

N-ethyl acetate

Concen: 57.913 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Tgt Ion: 43 Resp: 138279

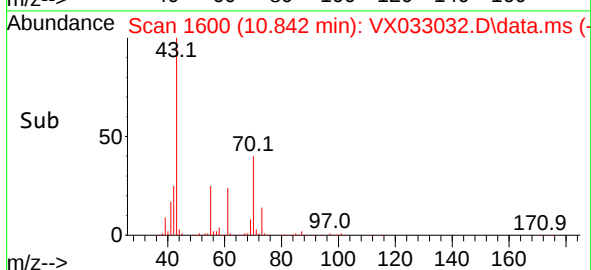
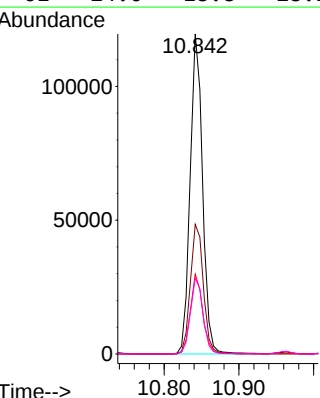
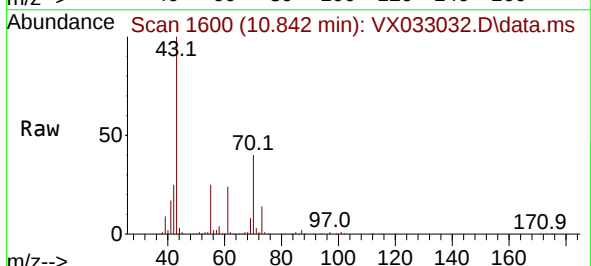
Ion Ratio Lower Upper

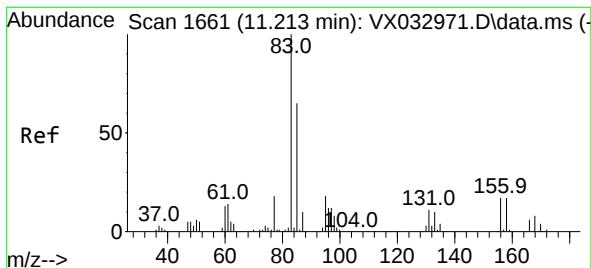
43 100

70 42.3 33.6 50.4

55 25.1 19.4 29.2

61 24.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.108 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

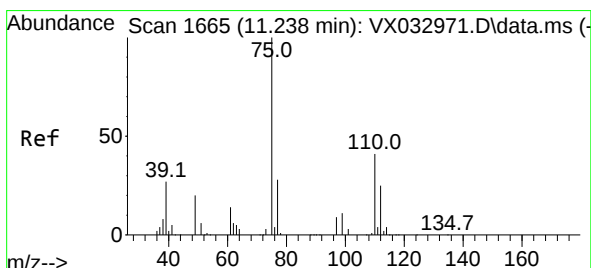
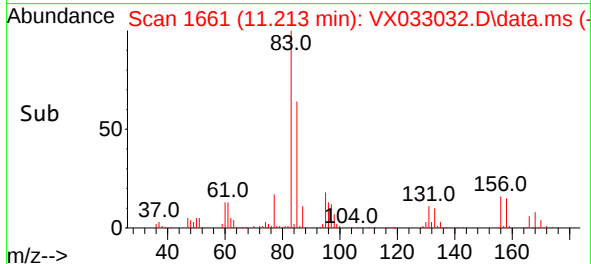
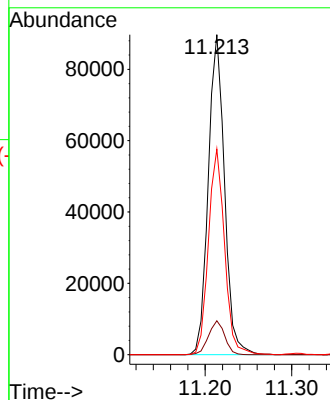
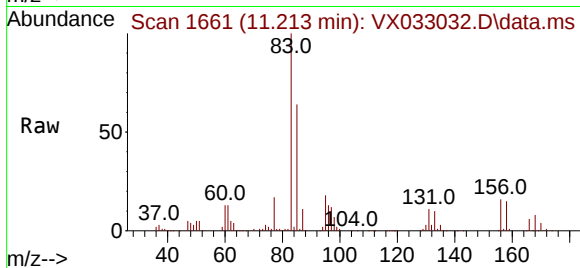
Tgt Ion: 83 Resp: 116744
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.4 16.2
 85 63.9 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#76

1,2,3-Trichloropropane

Concen: 54.747 ug/l m

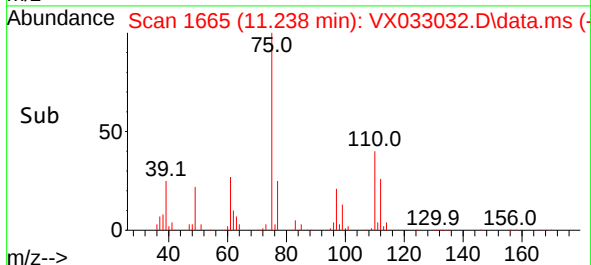
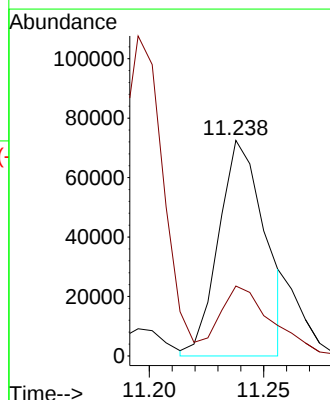
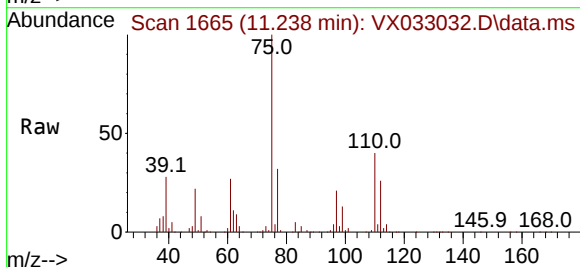
RT: 11.238 min Scan# 1665

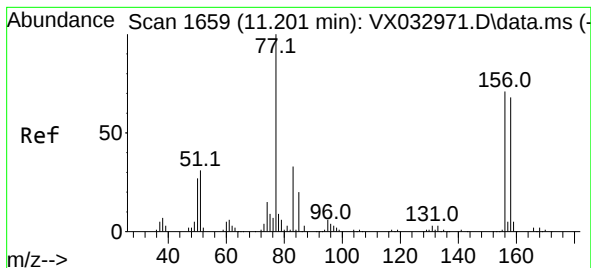
Delta R.T. -0.006 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Tgt Ion: 75 Resp: 101841
 Ion Ratio Lower Upper
 75 100
 77 37.3 20.0 60.0





#77

Bromobenzene

Concen: 51.798 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

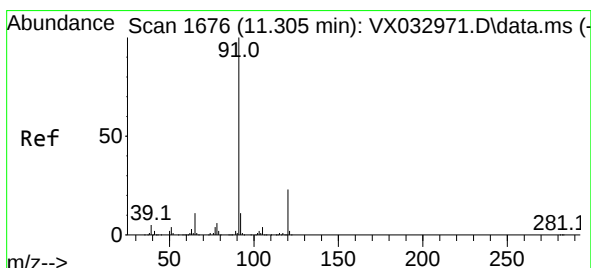
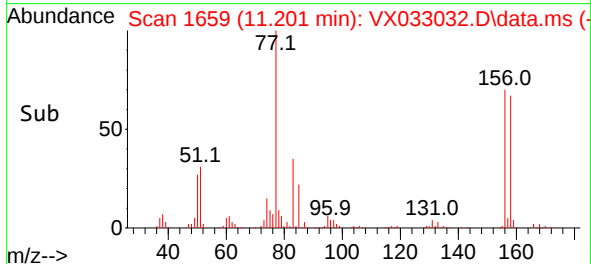
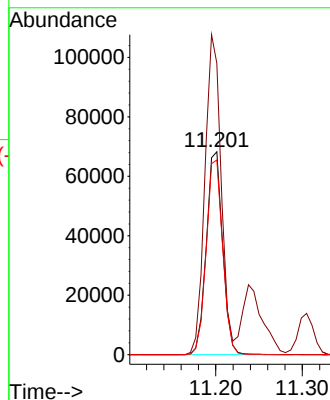
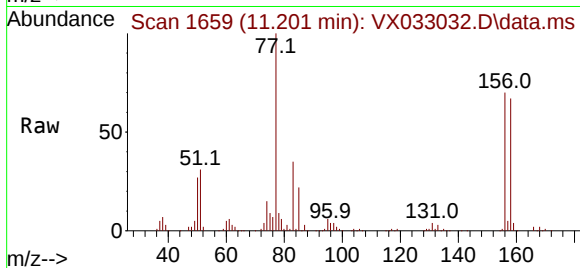
Tgt Ion:	156	Resp:	89414
Ion Ratio	Lower	Upper	
156	100		
77	155.9	76.1	228.4
158	96.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#78

n-propylbenzene

Concen: 53.564 ug/l

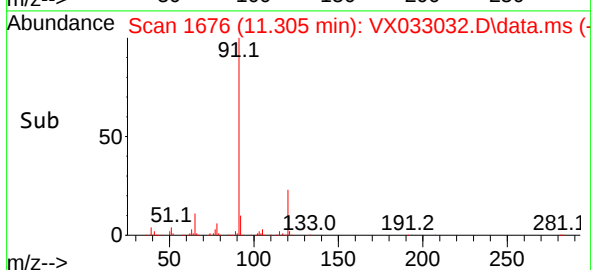
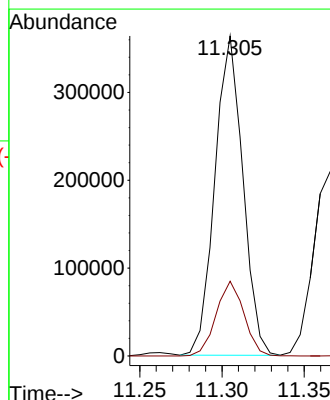
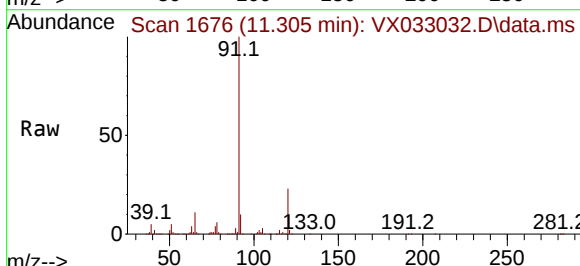
RT: 11.305 min Scan# 1676

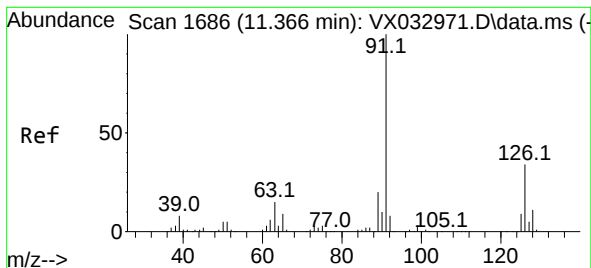
Delta R.T. -0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Tgt Ion:	91	Resp:	429855
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.8





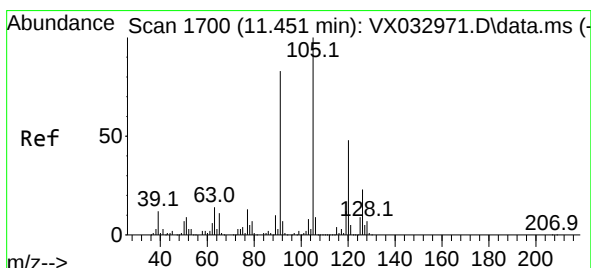
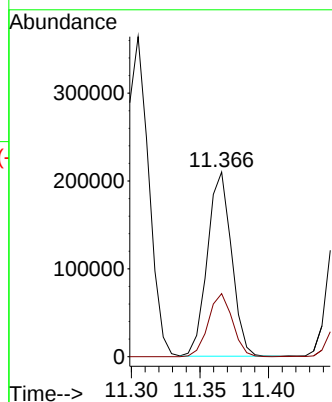
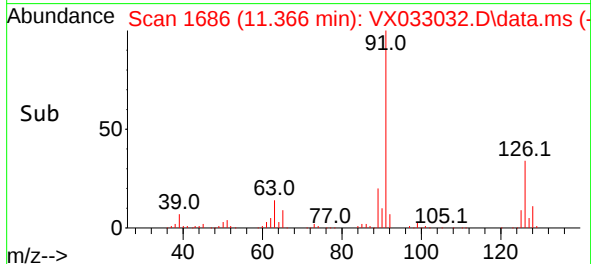
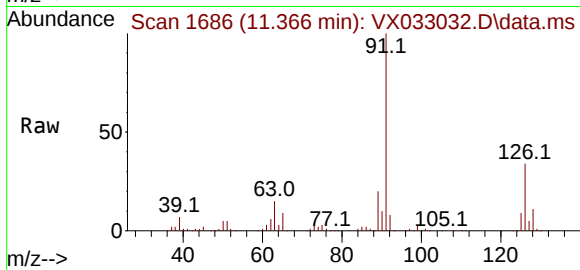
#79
2-Chlorotoluene
Concen: 52.717 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 256949
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2

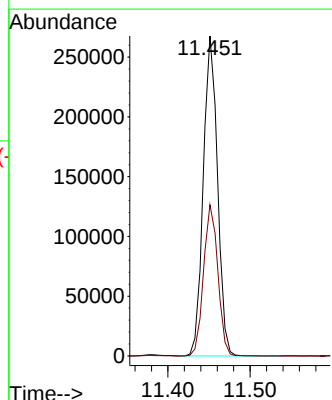
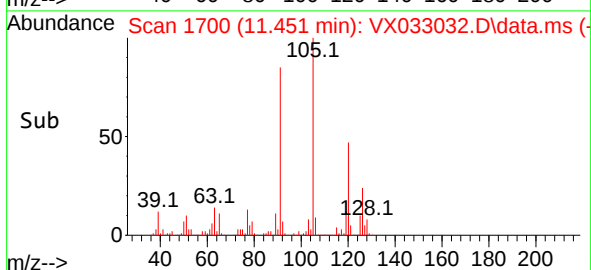
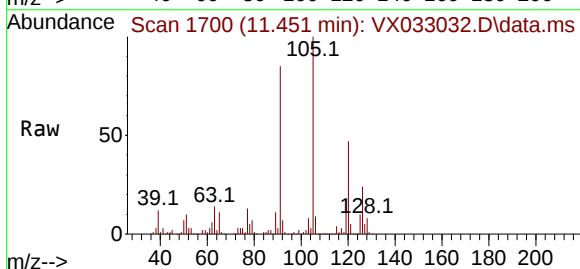
Manual Integrations
APPROVED

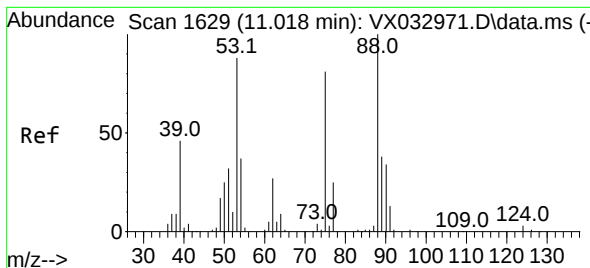
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.561 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Tgt Ion:105 Resp: 321713
Ion Ratio Lower Upper
105 100
120 47.4 23.6 71.0





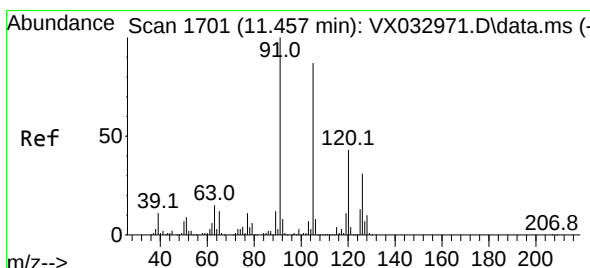
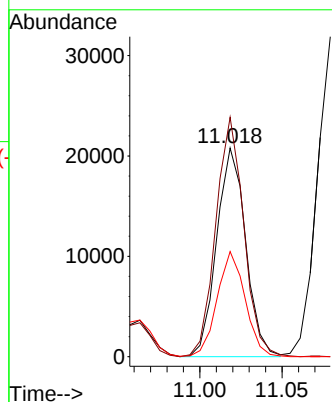
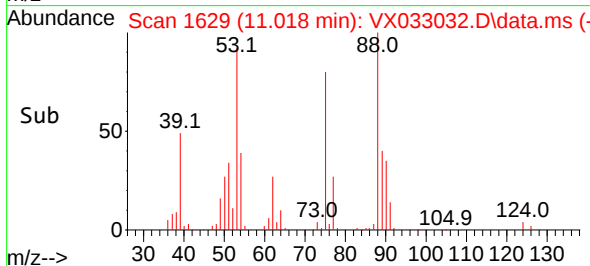
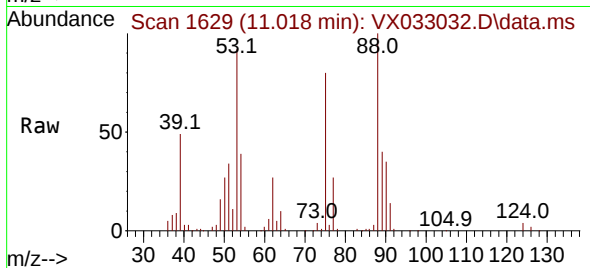
#81
trans-1,4-Dichloro-2-butene
Concen: 44.607 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 25528
Ion Ratio Lower Upper
75 100
53 110.7 86.9 130.3
89 48.6 38.3 57.5

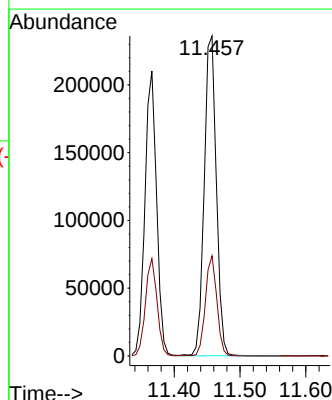
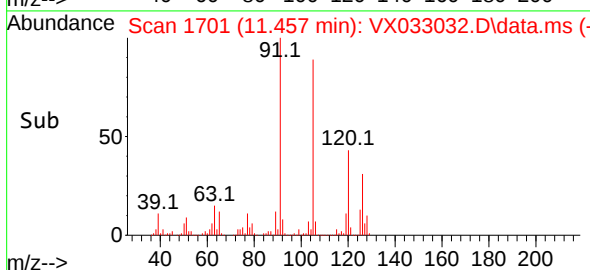
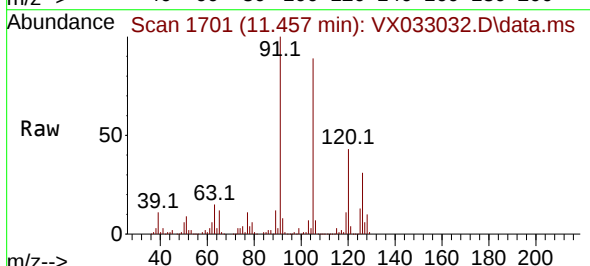
Manual Integrations
APPROVED

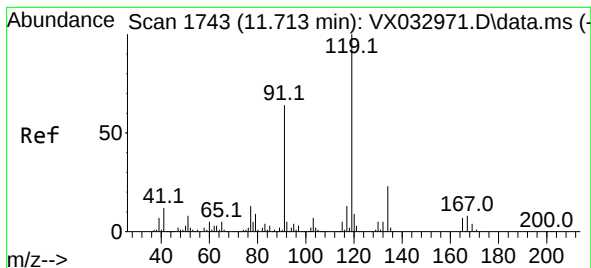
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#82
4-Chlorotoluene
Concen: 52.833 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

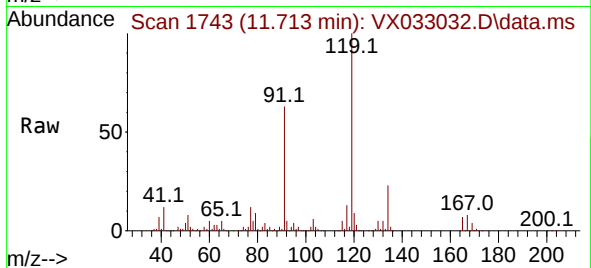
Tgt Ion: 91 Resp: 301767
Ion Ratio Lower Upper
91 100
126 29.7 14.8 44.4





#83
tert-Butylbenzene
Concen: 54.094 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

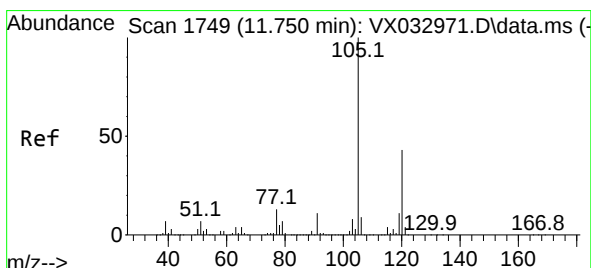
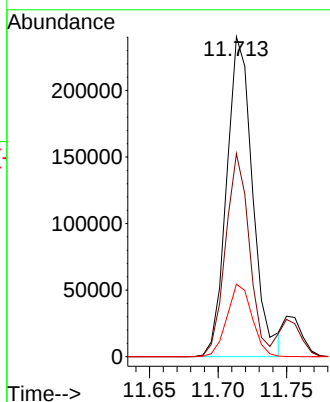
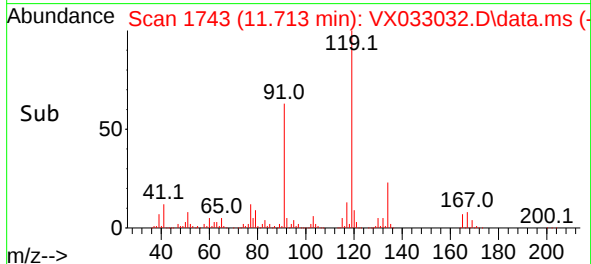
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



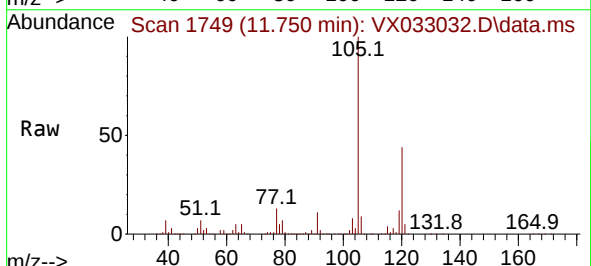
Tgt Ion:119 Resp: 317500
Ion Ratio Lower Upper
119 100
91 58.3 29.4 88.2
134 22.0 11.0 33.0

Manual Integrations
APPROVED

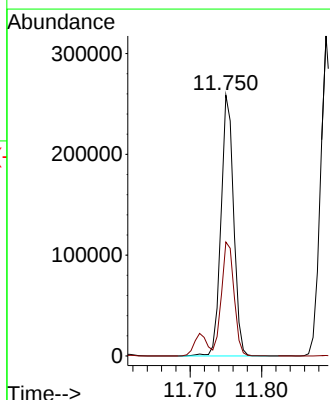
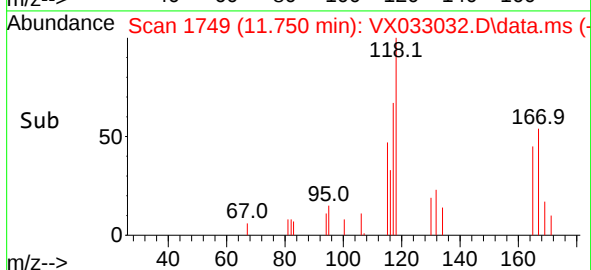
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

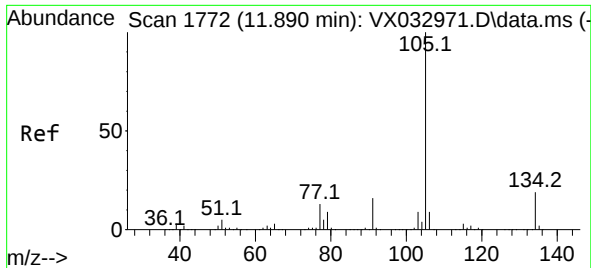


#84
1,2,4-Trimethylbenzene
Concen: 53.869 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



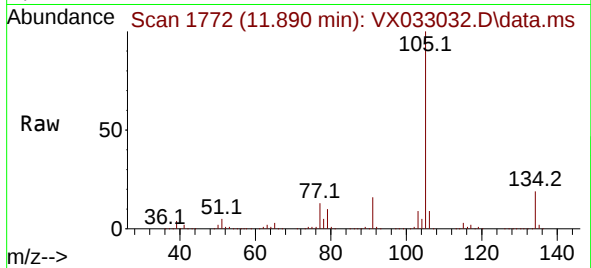
Tgt Ion:105 Resp: 316719
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 53.938 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033032.D
 Acq: 23 Nov 2022 20:02

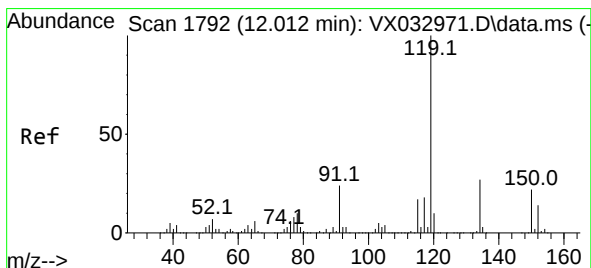
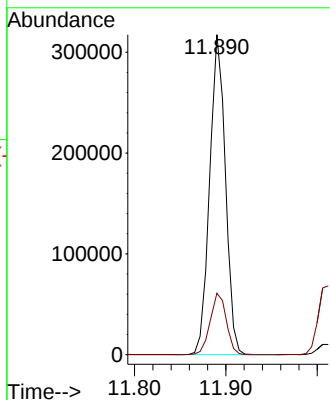
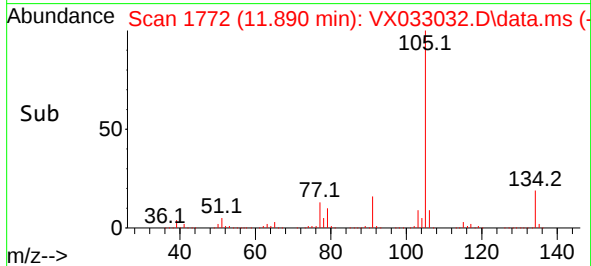
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



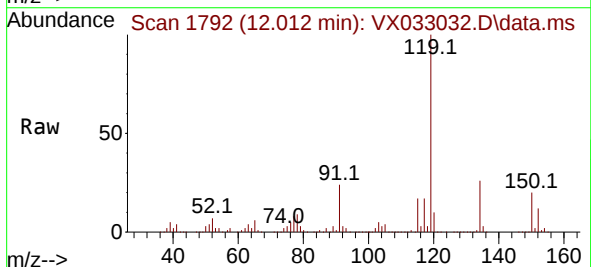
Tgt Ion:105 Resp: 378749
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
 APPROVED

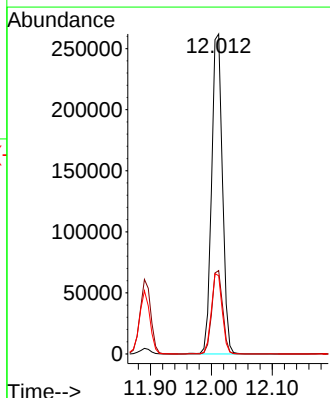
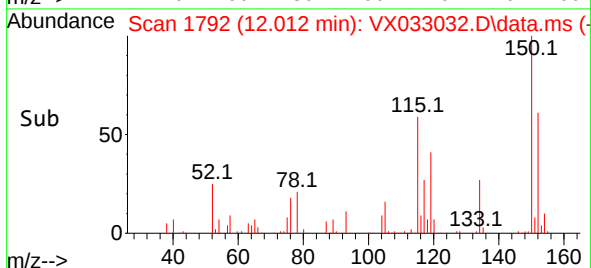
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022

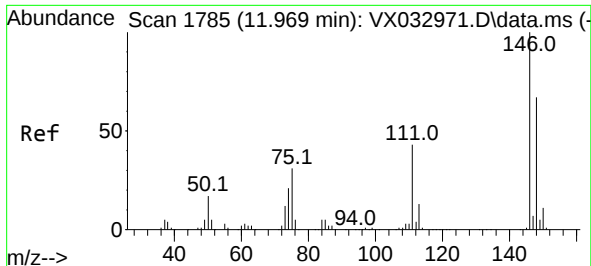


#86
 p-Isopropyltoluene
 Concen: 54.272 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033032.D
 Acq: 23 Nov 2022 20:02



Tgt Ion:119 Resp: 322882
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 25.1 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 52.380 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 169594

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.8

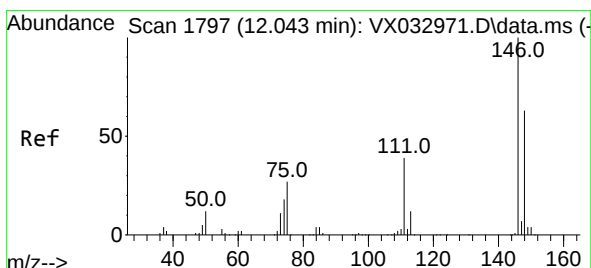
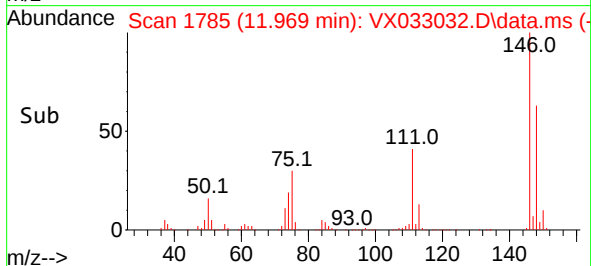
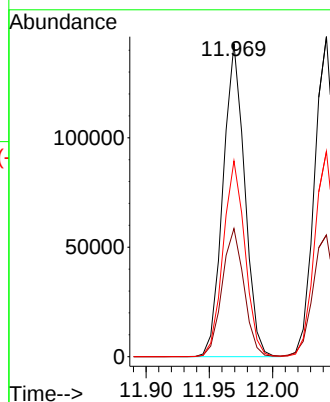
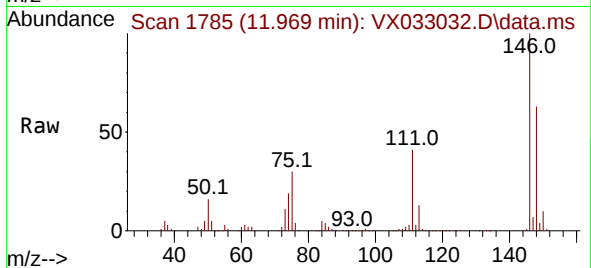
148 63.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#88

1,4-Dichlorobenzene

Concen: 51.752 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

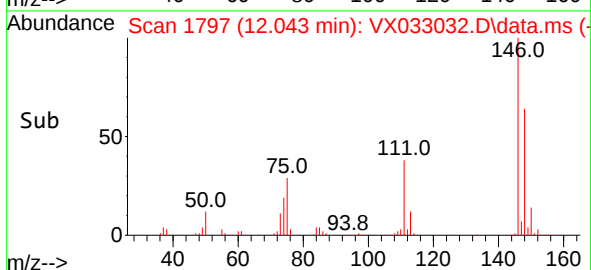
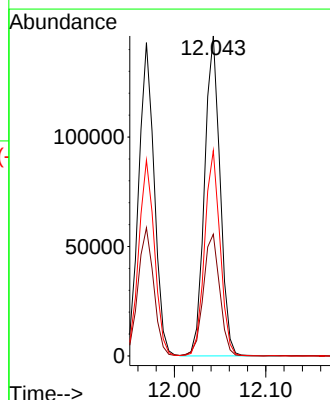
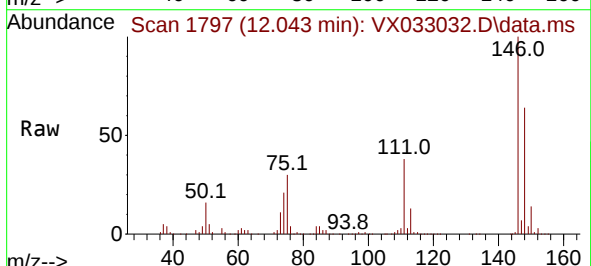
Tgt Ion:146 Resp: 171606

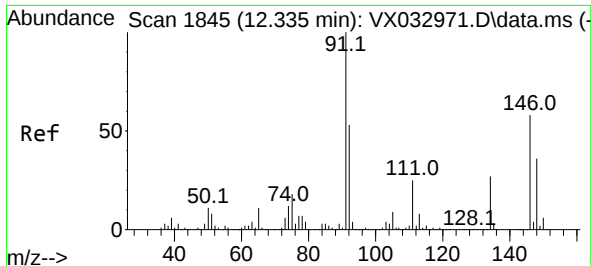
Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.6

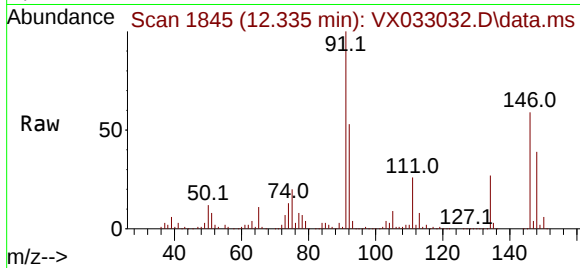
148 64.1 32.2 96.6





#89
n-Butylbenzene
Concen: 53.623 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

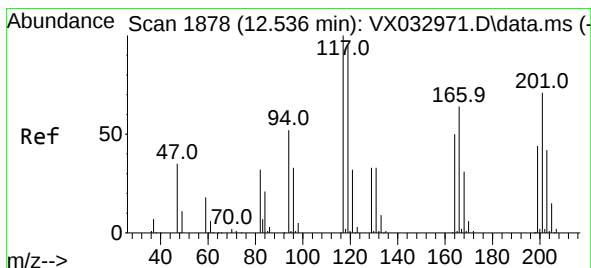
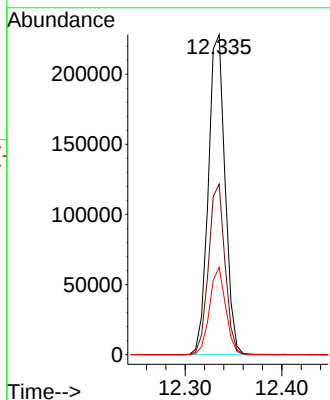
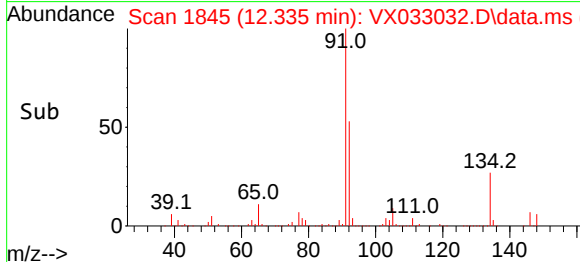
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 27483
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 26.2 12.9 38.6

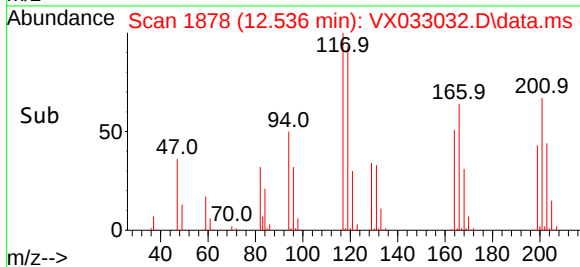
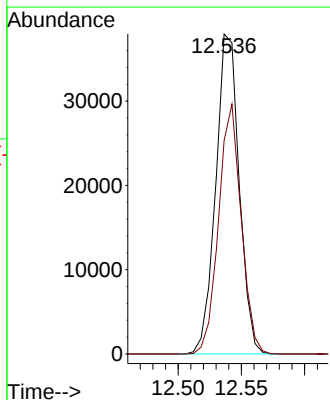
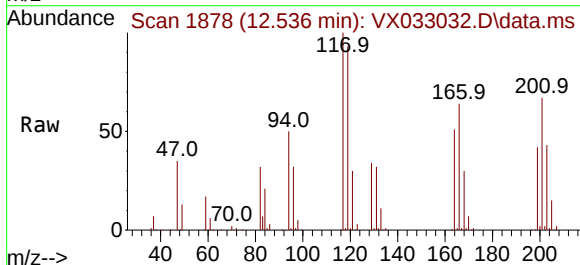
Manual Integrations
APPROVED

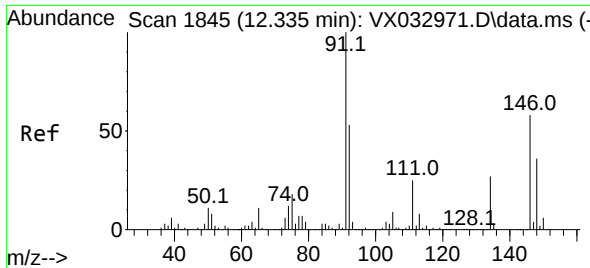
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#90
Hexachloroethane
Concen: 50.106 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

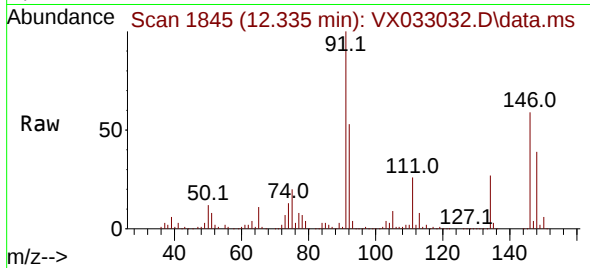
Tgt Ion:117 Resp: 48975
Ion Ratio Lower Upper
117 100
201 75.1 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 52.373 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

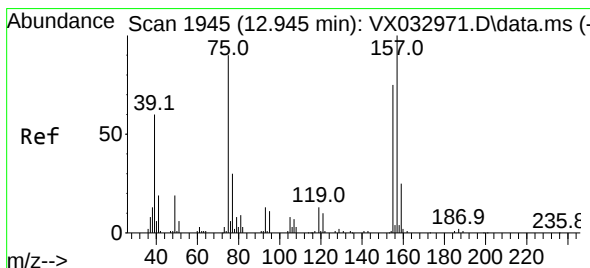
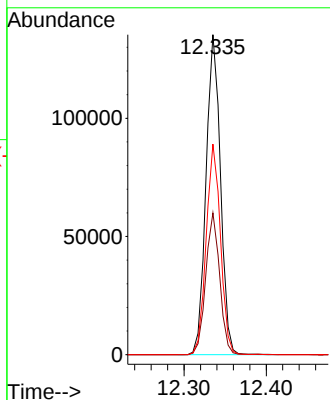
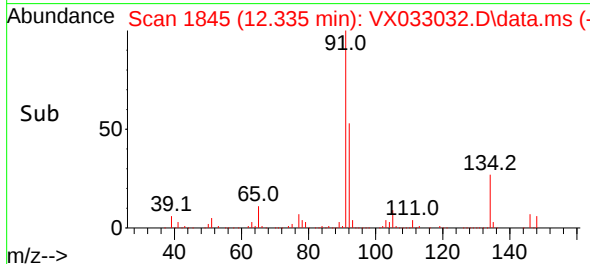
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



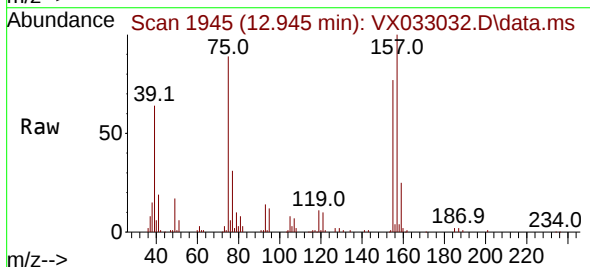
Tgt Ion:146 Resp: 16495
Ion Ratio Lower Upper
146 100
111 42.9 21.5 64.5
148 65.2 32.0 96.2

Manual Integrations
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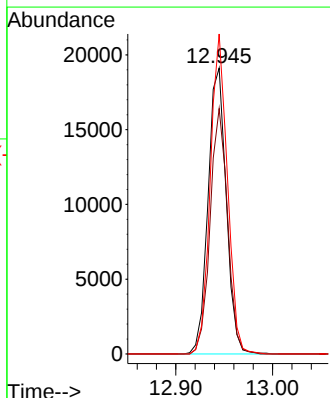
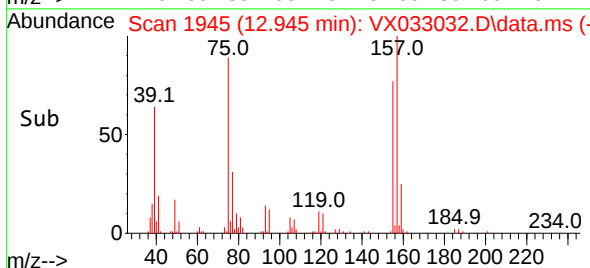
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

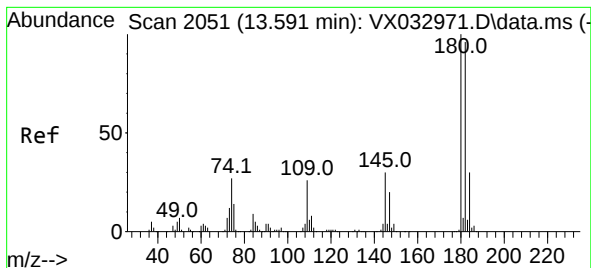


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.118 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



Tgt Ion: 75 Resp: 24988
Ion Ratio Lower Upper
75 100
155 82.3 41.6 124.8
157 105.4 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 52.606 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

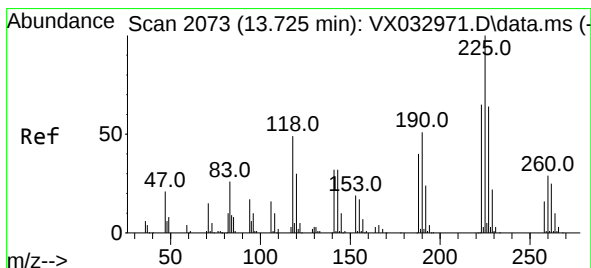
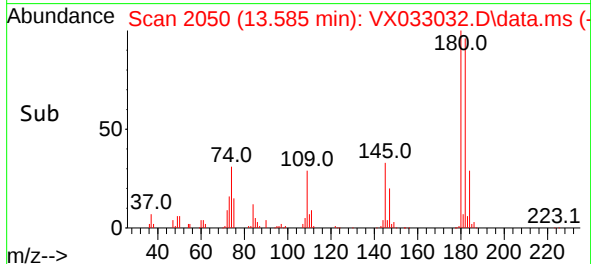
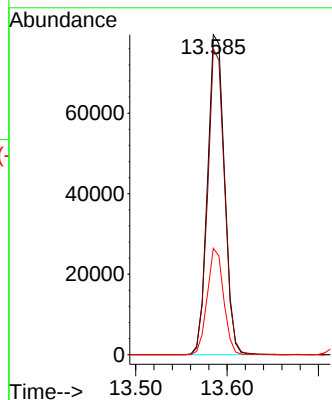
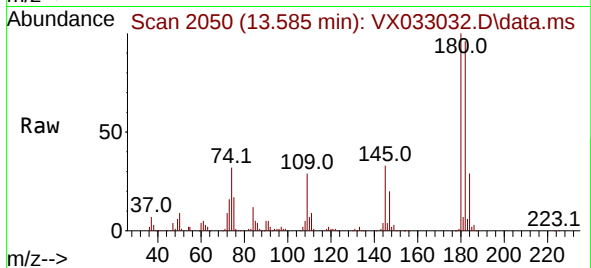
Tgt Ion:180	Resp: 10213
Ion Ratio	Lower Upper
180 100	
182 94.8	48.4 145.0
145 32.1	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#94

Hexachlorobutadiene

Concen: 48.960 ug/l

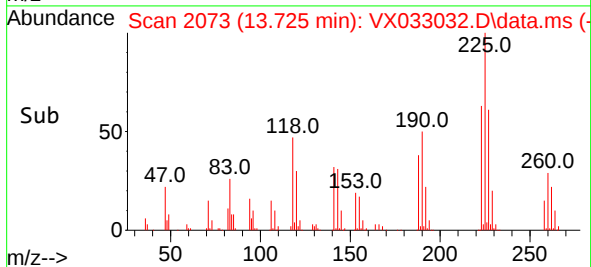
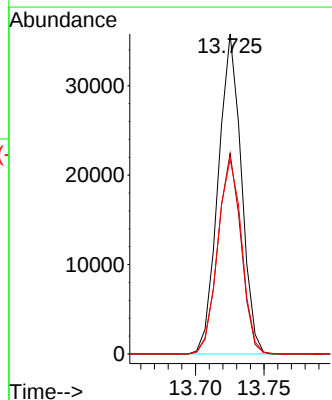
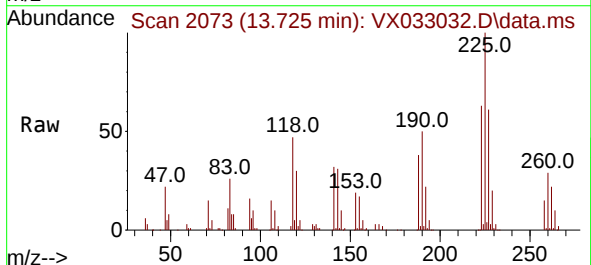
RT: 13.725 min Scan# 2073

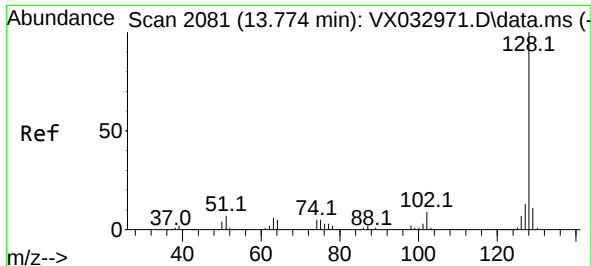
Delta R.T. 0.000 min

Lab File: VX033032.D

Acq: 23 Nov 2022 20:02

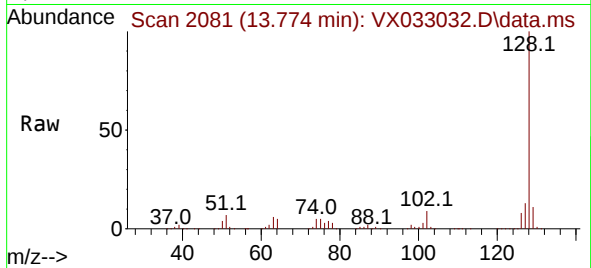
Tgt Ion:225	Resp: 41936
Ion Ratio	Lower Upper
225 100	
223 62.2	31.9 95.9
227 63.1	31.9 95.5





#95
Naphthalene
Concen: 55.731 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02

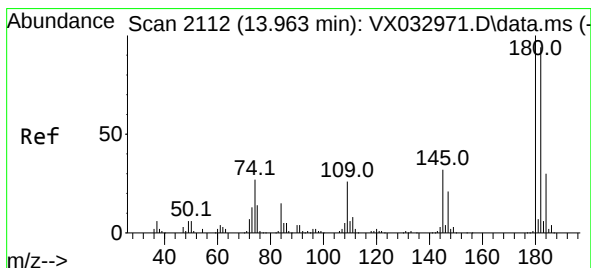
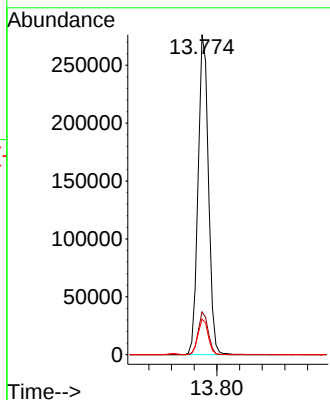
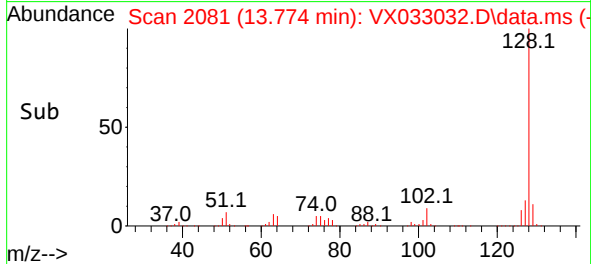
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



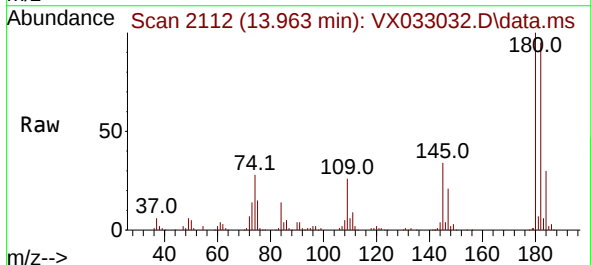
Tgt Ion:128 Resp: 350030
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.721 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033032.D
Acq: 23 Nov 2022 20:02



Tgt Ion:180 Resp: 102645
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.6
145 34.2 16.9 50.6

