

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033173.D
 Acq On : 01 Dec 2022 18:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 02 00:55:59 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 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61983	44.041	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.080%		
35) Dibromofluoromethane	5.385	113	56284	43.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.080%		
50) Toluene-d8	8.647	98	165565	42.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.460%#		
62) 4-Bromofluorobenzene	11.079	95	74813	44.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49590	45.449	ug/l	98
3) Chloromethane	1.294	50	53286	45.237	ug/l	100
4) Vinyl Chloride	1.374	62	62644	47.763	ug/l	96
5) Bromomethane	1.618	94	46025	47.323	ug/l	96
6) Chloroethane	1.691	64	47909	44.870	ug/l	100
7) Trichlorofluoromethane	1.886	101	120285	47.254	ug/l	99
8) Diethyl Ether	2.136	74	42147	52.591	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	68555	51.239	ug/l	98
10) Methyl Iodide	2.453	142	67539	44.096	ug/l	100
11) Tert butyl alcohol	3.014	59	49720	225.512	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	65015	52.165	ug/l	97
13) Acrolein	2.239	56	89245	352.399	ug/l	99
14) Allyl chloride	2.666	41	105820	52.591	ug/l	95
15) Acrylonitrile	3.069	53	169034	271.057	ug/l	98
16) Acetone	2.392	43	145733	224.360	ug/l	100
17) Carbon Disulfide	2.514	76	148646	43.169	ug/l	99
18) Methyl Acetate	2.709	43	98675	54.879	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	237652	54.982	ug/l	98
20) Methylene Chloride	2.788	84	72807	53.972	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	70766	49.637	ug/l	98
22) Diisopropyl ether	3.757	45	235251	53.693	ug/l #	87
23) Vinyl Acetate	3.721	43	915243	266.865	ug/l	99
24) 1,1-Dichloroethane	3.611	63	130296	51.969	ug/l	99
25) 2-Butanone	4.562	43	231918	258.931	ug/l	100
26) 2,2-Dichloropropane	4.477	77	106647	52.902	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	85655	52.879	ug/l	99
28) Bromochloromethane	4.897	49	54954	49.883	ug/l	98
29) Tetrahydrofuran	5.013	42	149965	263.864	ug/l	98
30) Chloroform	5.093	83	147010	52.352	ug/l	99
31) Cyclohexane	5.471	56	109397	48.543	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	132073	52.519	ug/l	99
36) 1,1-Dichloropropene	5.696	75	101955	49.323	ug/l	99
37) Ethyl Acetate	4.715	43	95024	52.691	ug/l	99
38) Carbon Tetrachloride	5.678	117	114219	49.810	ug/l	99
39) Methylcyclohexane	7.379	83	114318	48.470	ug/l	97
40) Benzene	6.037	78	296226	51.112	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53630	52.851	ug/l	98
42) 1,2-Dichloroethane	6.086	62	117142	50.199	ug/l	99
43) Isopropyl Acetate	6.336	43	159011	53.315	ug/l	99
44) Trichloroethene	7.129	130	86454	53.160	ug/l	99
45) 1,2-Dichloropropane	7.427	63	75821	52.937	ug/l	97
46) Dibromomethane	7.580	93	56319	50.394	ug/l	99
47) Bromodichloromethane	7.824	83	114466	53.006	ug/l	97
48) Methyl methacrylate	7.690	41	80552	52.470	ug/l	94
49) 1,4-Dioxane	7.720	88	32953	1166.072	ug/l #	26
51) 4-Methyl-2-Pentanone	8.574	43	489549	266.002	ug/l	98
52) Toluene	8.720	92	194384	50.980	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	118315	50.960	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	125811	54.041	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	80844	52.077	ug/l	98
56) Ethyl methacrylate	9.116	69	121273	56.699	ug/l	93
57) 1,3-Dichloropropane	9.311	76	131153	52.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	264528	260.445	ug/l	99
59) 2-Hexanone	9.433	43	357029	262.612	ug/l	97
60) Dibromochloromethane	9.519	129	89304	53.432	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86390	52.724	ug/l	99
64) Tetrachloroethene	9.275	164	69941	47.206	ug/l	96
65) Chlorobenzene	10.079	112	213536	51.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	81770	53.477	ug/l	99
67) Ethyl Benzene	10.195	91	389276	52.586	ug/l	100
68) m/p-Xylenes	10.299	106	298349	102.922	ug/l	100
69) o-Xylene	10.640	106	146837	52.352	ug/l	99
70) Styrene	10.653	104	248110	54.071	ug/l	98
71) Bromoform	10.799	173	63885	54.492	ug/l #	99
73) Isopropylbenzene	10.963	105	394254	53.217	ug/l	100
74) N-amyl acetate	10.842	43	142752	56.643	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	121027	54.127	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	109308m	55.672	ug/l	
77) Bromobenzene	11.195	156	95815	52.588	ug/l	99
78) n-propylbenzene	11.305	91	451302	53.280	ug/l	100
79) 2-Chlorotoluene	11.366	91	268467	52.185	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	331203	53.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34243	56.690	ug/l	95
82) 4-Chlorotoluene	11.457	91	311730	51.708	ug/l	99
83) tert-Butylbenzene	11.713	119	335855	54.213	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	332991	53.659	ug/l	100
85) sec-Butylbenzene	11.890	105	395827	53.406	ug/l	100
86) p-Isopropyltoluene	12.006	119	337117	53.686	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	177851	52.043	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	178744	51.071	ug/l	98
89) n-Butylbenzene	12.335	91	286253	52.915	ug/l	99
90) Hexachloroethane	12.536	117	55683	53.974	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	173121	52.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25241	56.578	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	108199	52.800	ug/l	99
94) Hexachlorobutadiene	13.725	225	45076	49.859	ug/l	99
95) Naphthalene	13.774	128	363584	54.844	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	109141	53.110	ug/l	100

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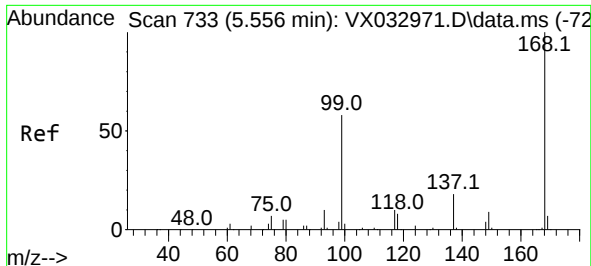
Manual Integrations
APPROVED

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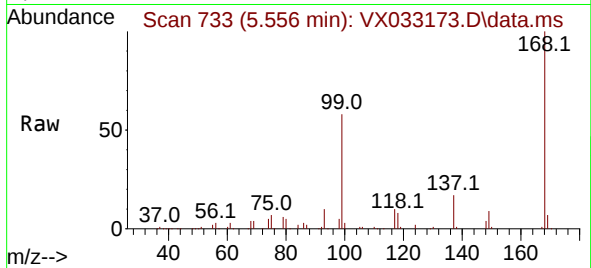
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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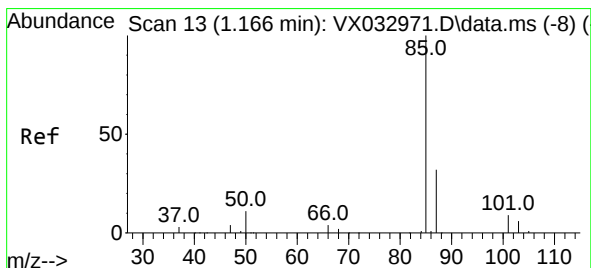
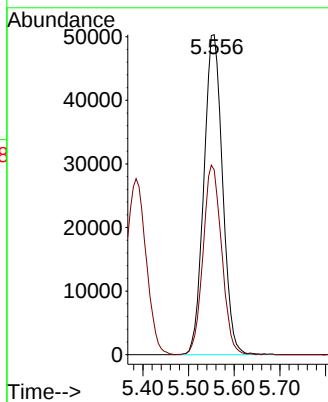
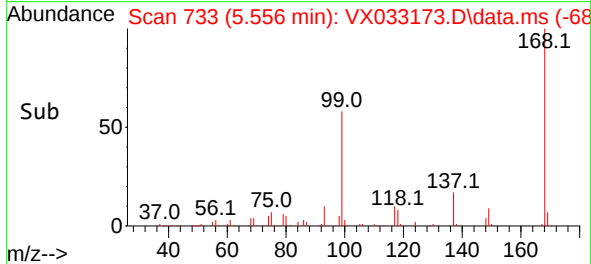
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 142819
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1

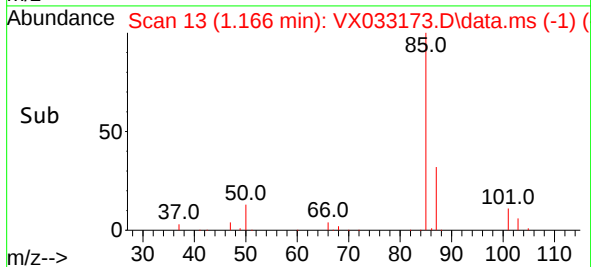
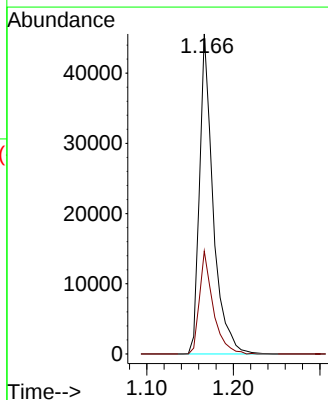
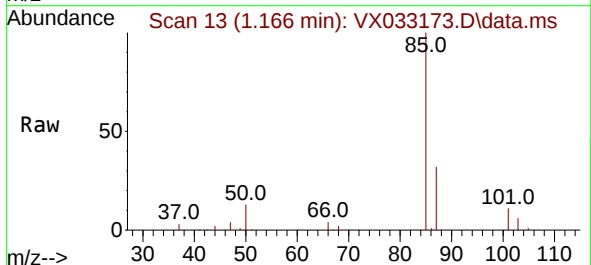
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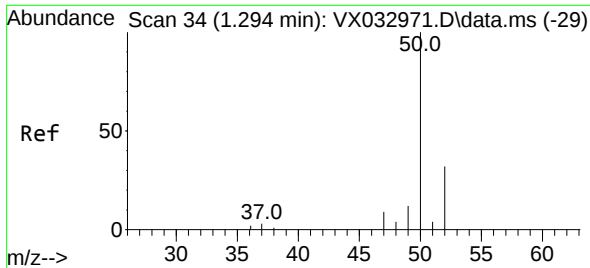
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#2
Dichlorodifluoromethane
Concen: 45.449 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Tgt Ion: 85 Resp: 49590
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.7





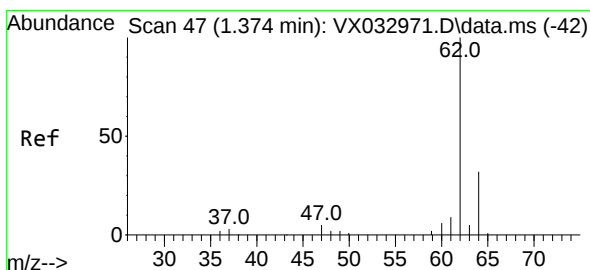
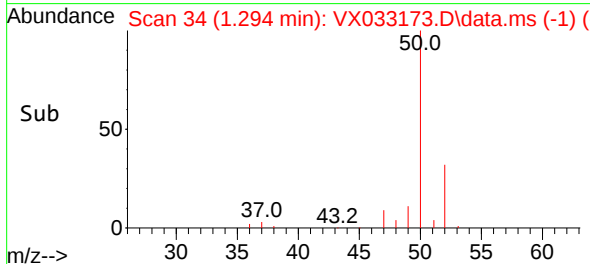
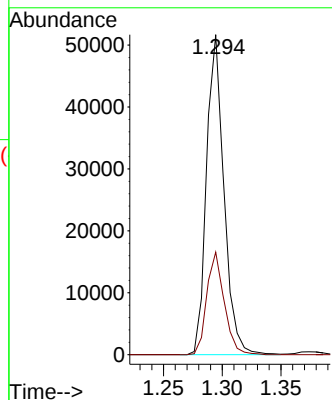
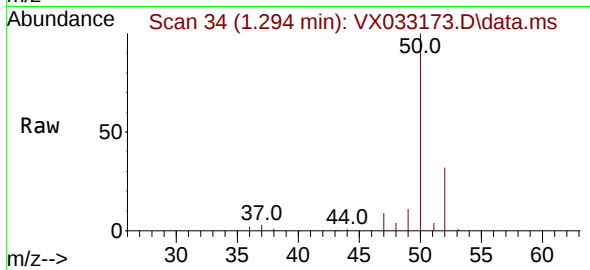
#3
Chloromethane
Concen: 45.237 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 53280
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

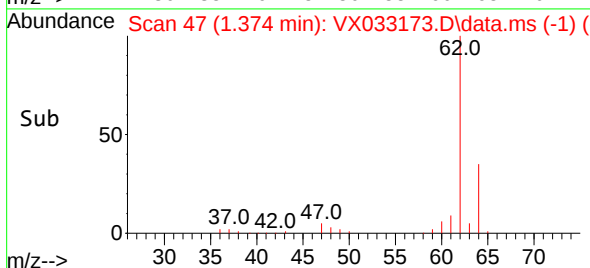
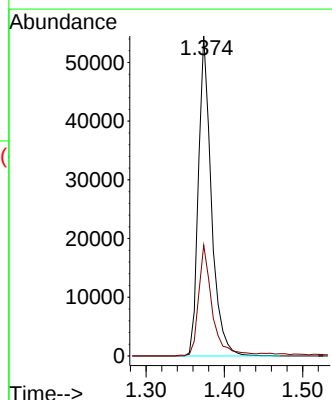
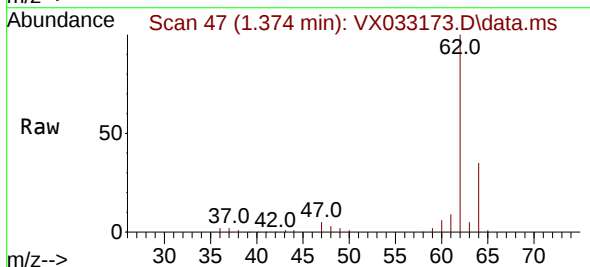
Manual Integrations
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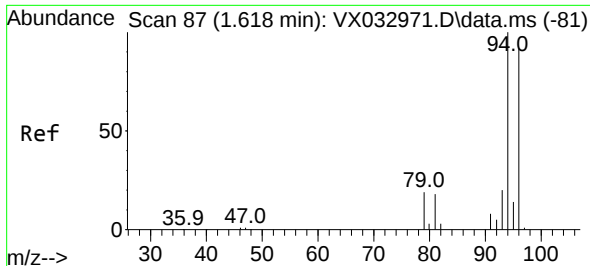
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#4
Vinyl Chloride
Concen: 47.763 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

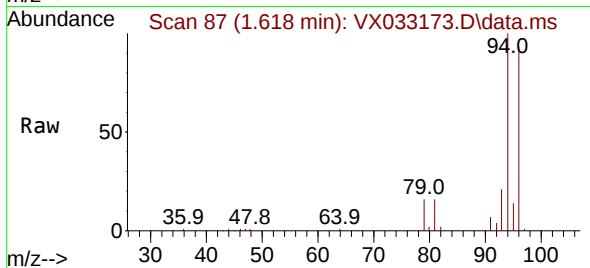
Tgt Ion: 62 Resp: 62644
Ion Ratio Lower Upper
62 100
64 34.4 25.8 38.6





#5
Bromomethane
Concen: 47.323 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

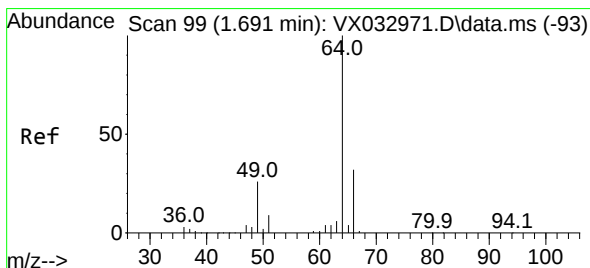
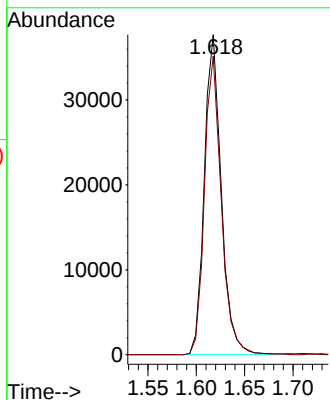
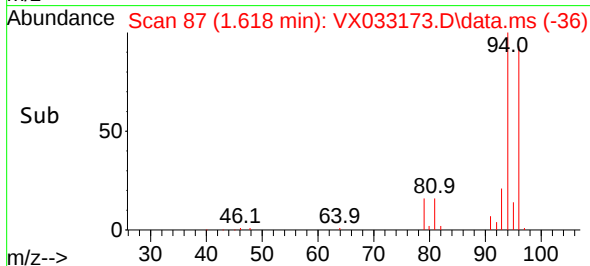
Instrument :
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Tgt Ion: 94 Resp: 46025
Ion Ratio Lower Upper
94 100
96 93.3 77.6 116.4

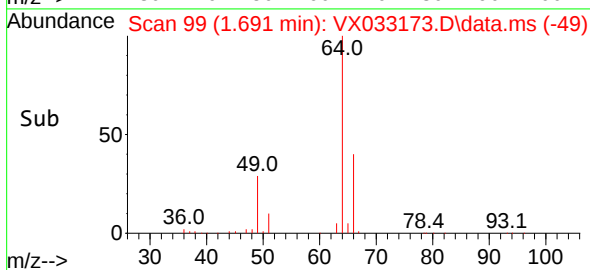
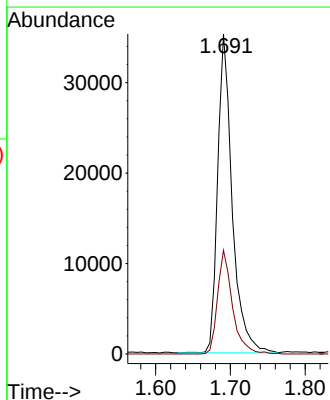
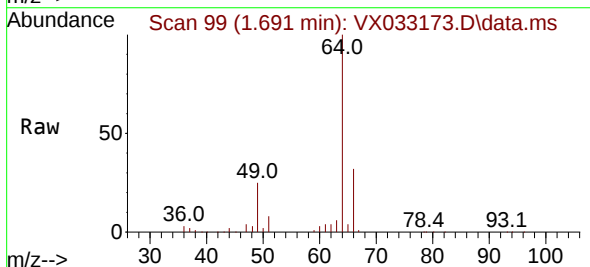
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#6
Chloroethane
Concen: 44.870 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

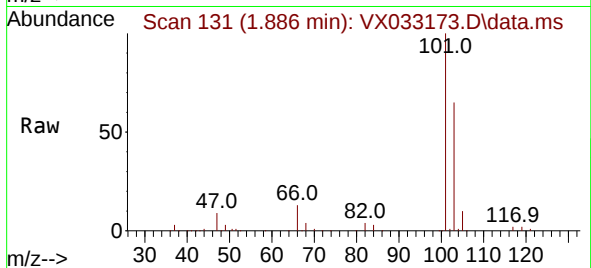
Tgt Ion: 64 Resp: 47909
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0





#7
Trichlorofluoromethane
Concen: 47.254 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033173.D
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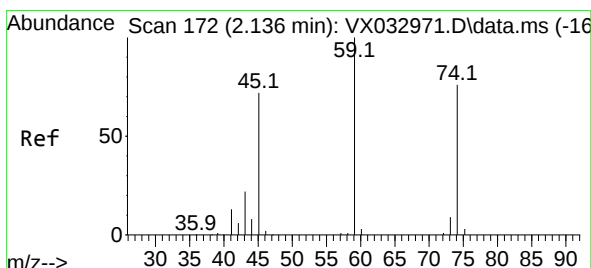
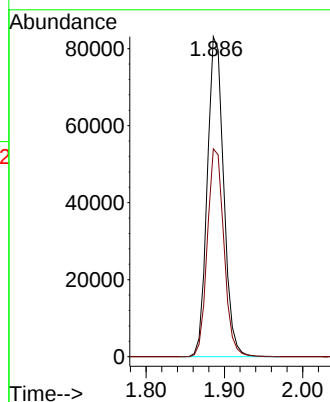
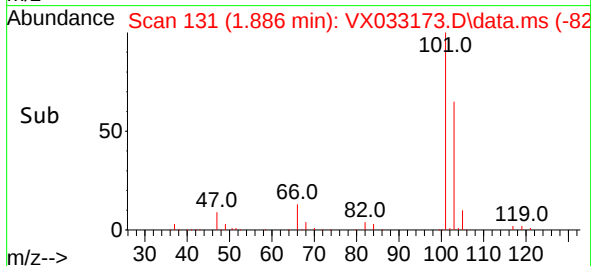
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 120285
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

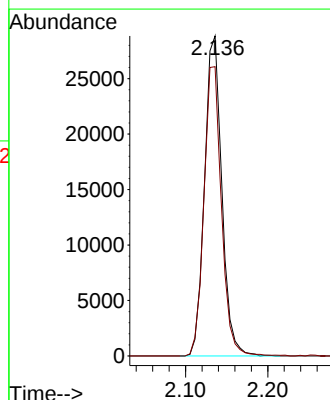
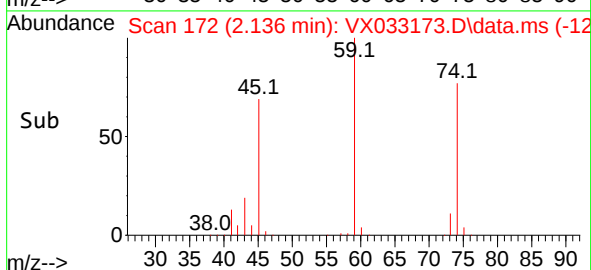
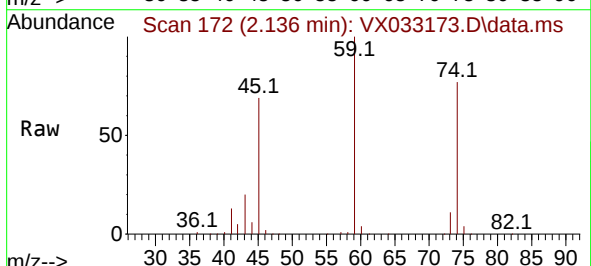
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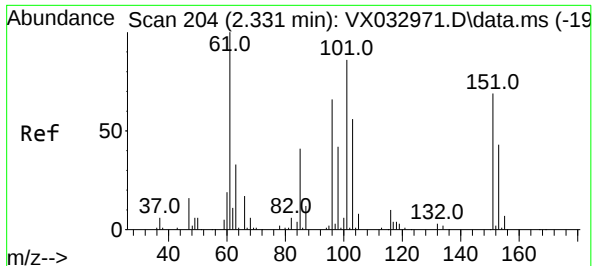
Reviewed By :John Carlone 12/02/2022
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#8
Diethyl Ether
Concen: 52.591 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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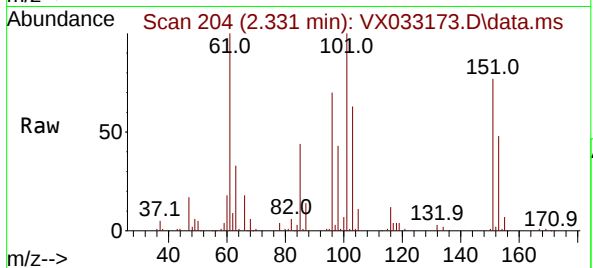
Tgt Ion: 74 Resp: 42147
Ion Ratio Lower Upper
74 100
45 91.5 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.239 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033173.D
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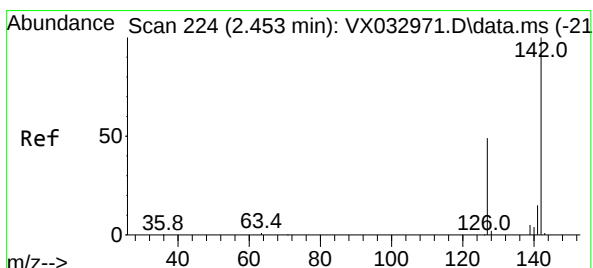
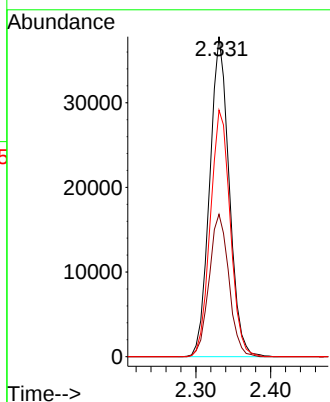
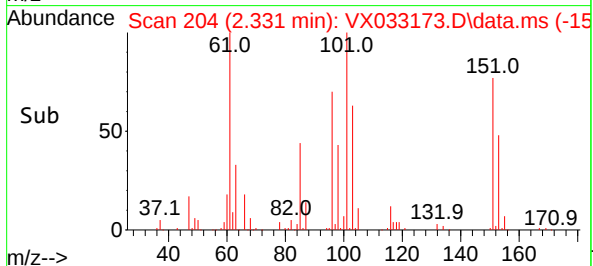
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Tgt Ion:101 Resp: 6855
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.4
151 78.6 64.4 96.6

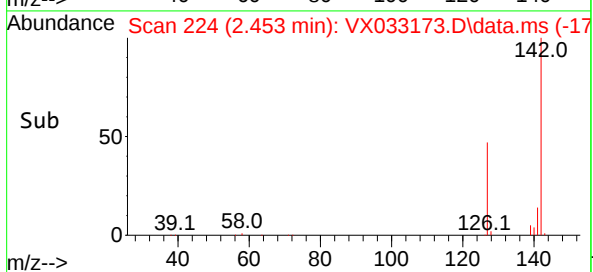
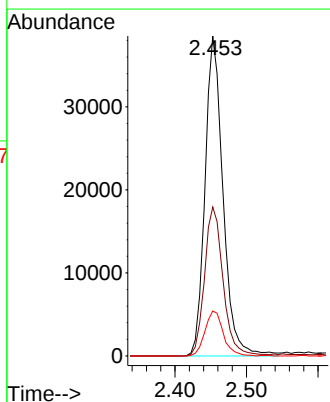
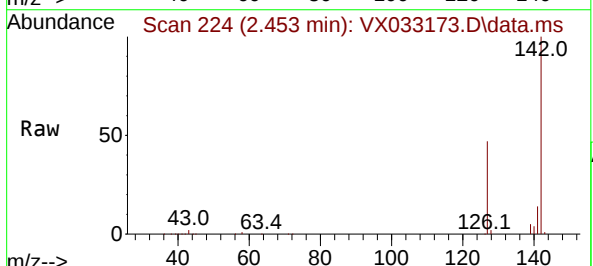
Manual Integrations
APPROVED

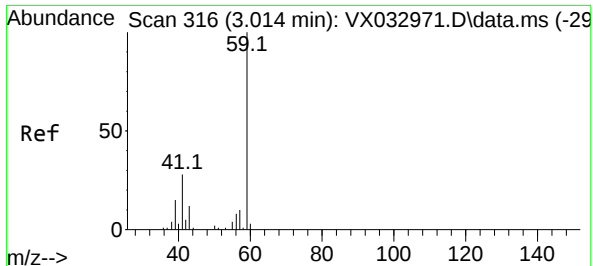
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#10
Methyl Iodide
Concen: 44.096 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

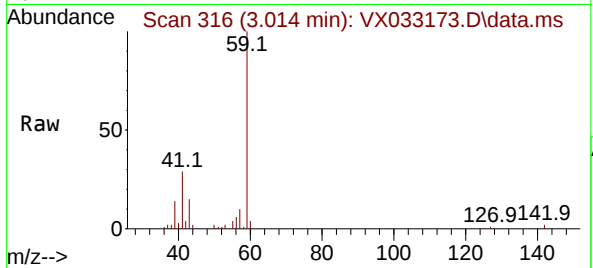
Tgt Ion:142 Resp: 67539
Ion Ratio Lower Upper
142 100
127 47.8 38.6 57.8
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 225.512 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.049 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

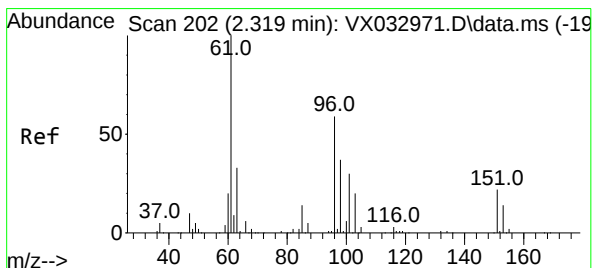
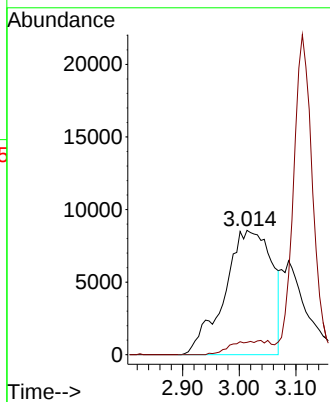
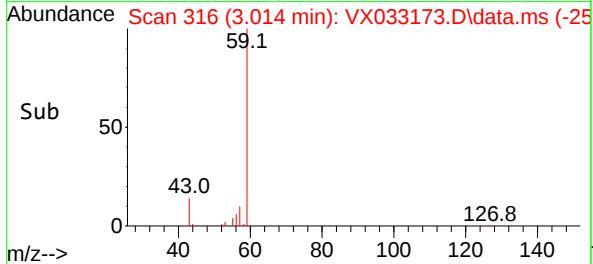
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



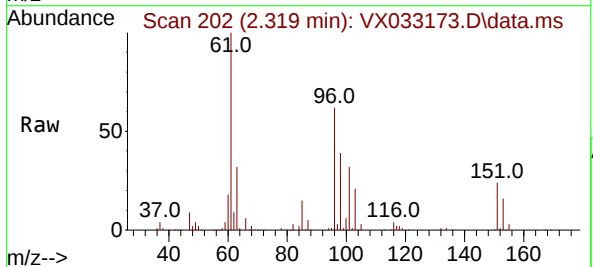
Tgt Ion: 59 Resp: 49720
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

Manual Integrations
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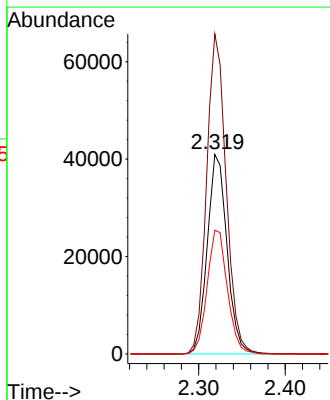
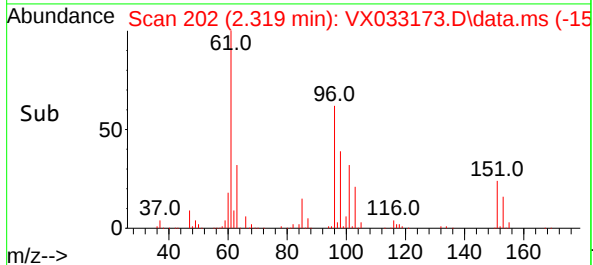
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

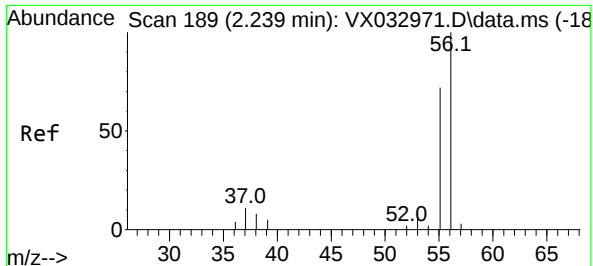


#12
1,1-Dichloroethene
Concen: 52.165 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



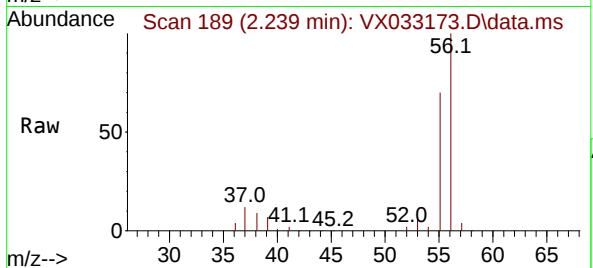
Tgt Ion: 96 Resp: 65015
Ion Ratio Lower Upper
96 100
61 160.3 125.1 187.7
98 62.0 50.6 76.0





#13
Acrolein
Concen: 352.399 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

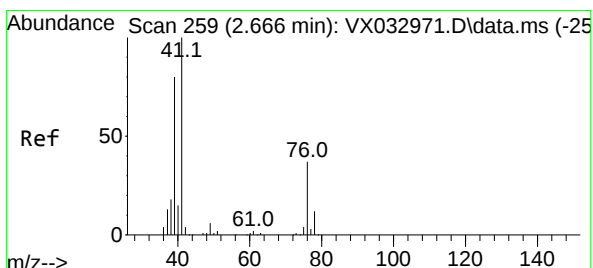
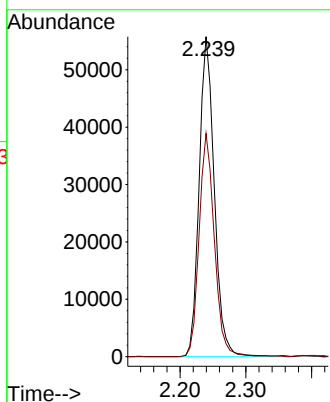
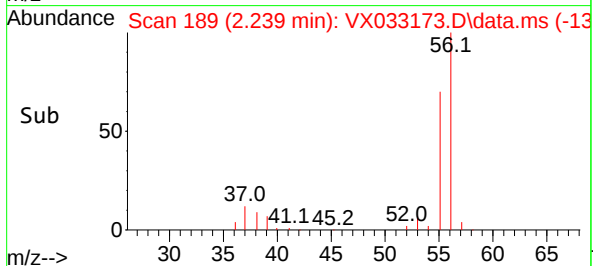
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



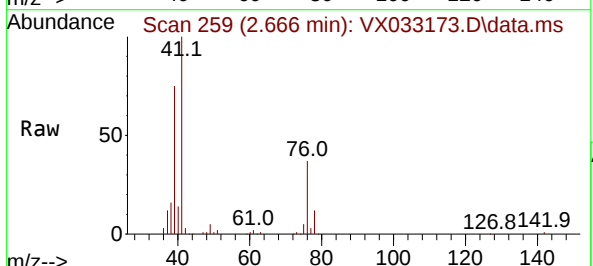
Tgt Ion: 56 Resp: 8924
Ion Ratio Lower Upper
56 100
55 70.3 56.9 85.3

Manual Integrations
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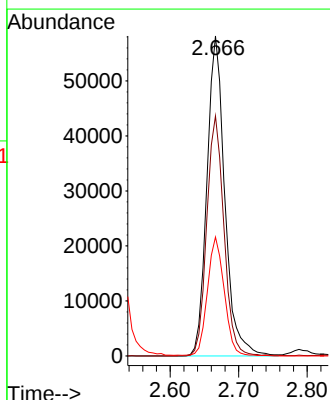
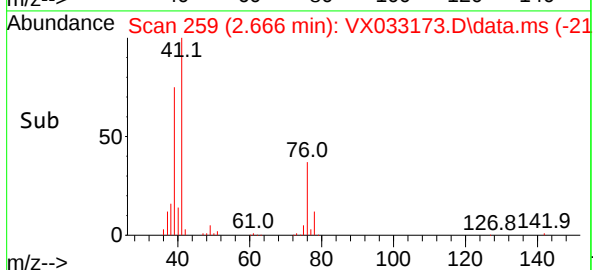
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#14
Allyl chloride
Concen: 52.591 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



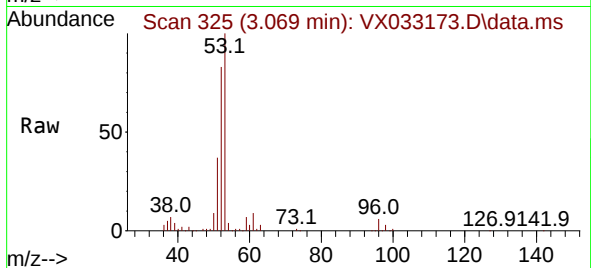
Tgt Ion: 41 Resp: 105820
Ion Ratio Lower Upper
41 100
39 72.1 61.4 92.2
76 35.0 29.2 43.8





#15
Acrylonitrile
Concen: 271.057 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

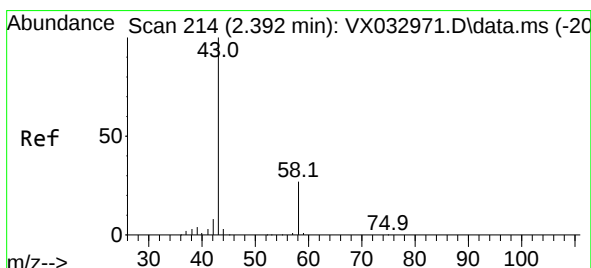
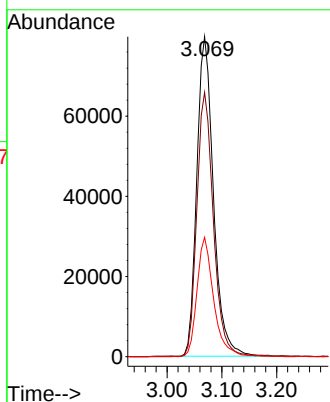
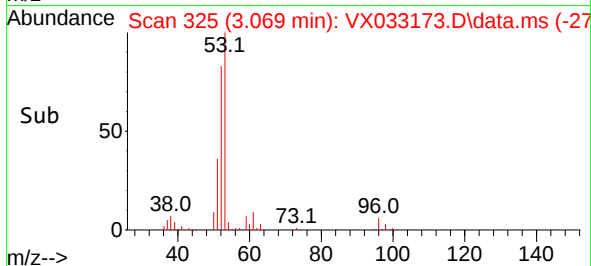
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 169034
Ion Ratio Lower Upper
53 100
52 82.4 67.4 101.0
51 37.6 30.3 45.5

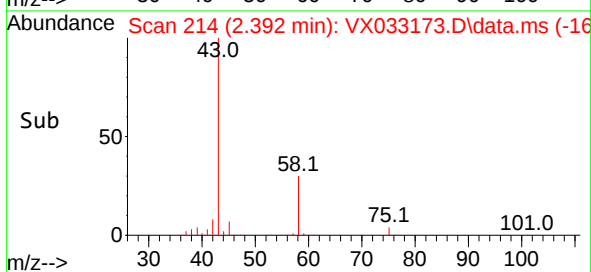
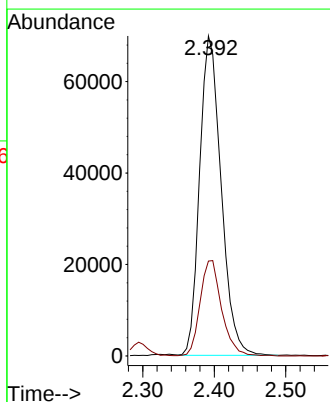
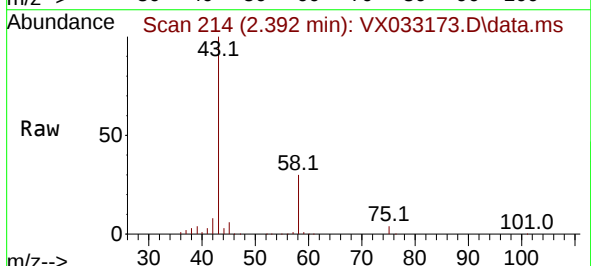
Manual Integrations
APPROVED

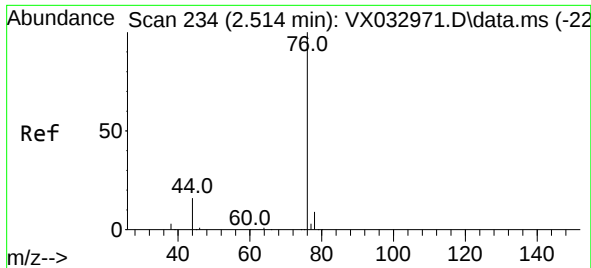
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#16
Acetone
Concen: 224.360 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

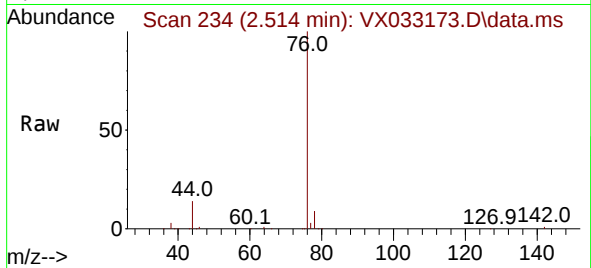
Tgt Ion: 43 Resp: 145733
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.8





#17
Carbon Disulfide
Concen: 43.169 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

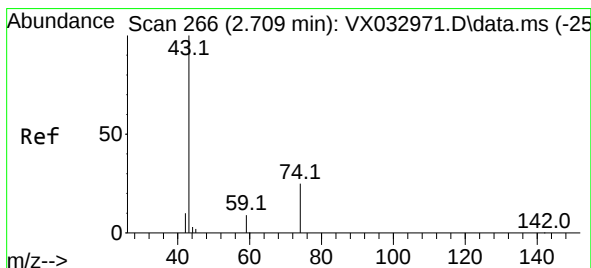
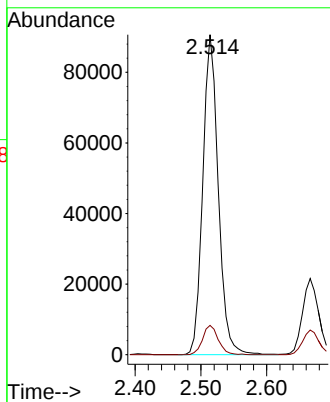
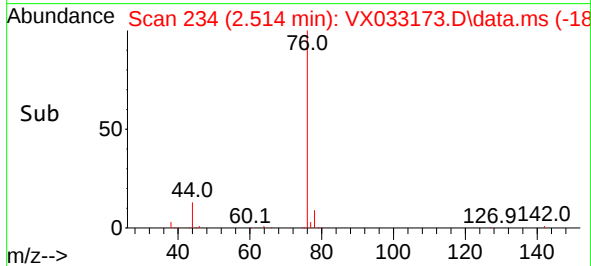
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 148640
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

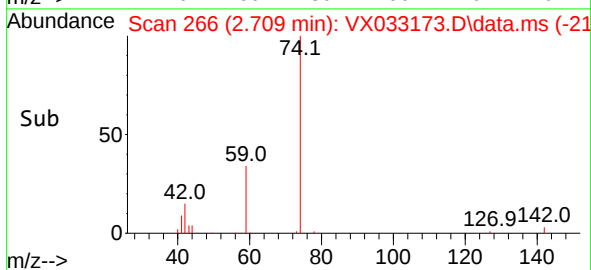
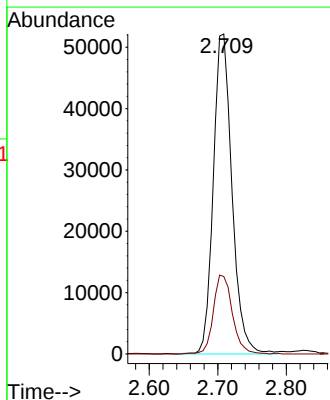
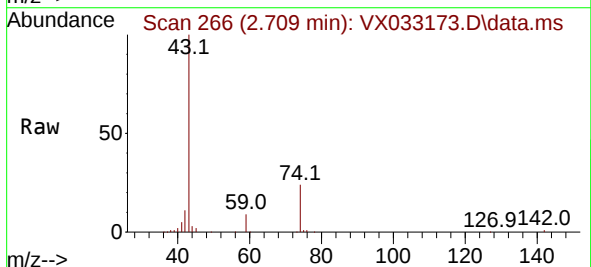
Manual Integrations
APPROVED

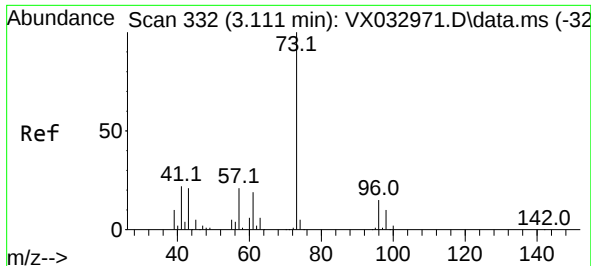
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#18
Methyl Acetate
Concen: 54.879 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Tgt Ion: 43 Resp: 98675
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.0





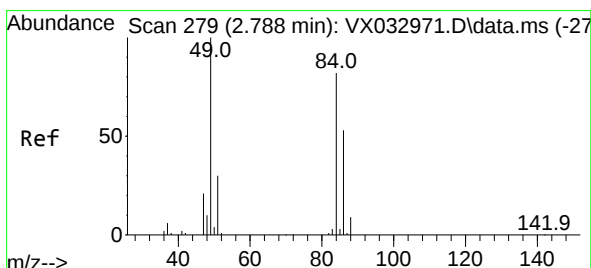
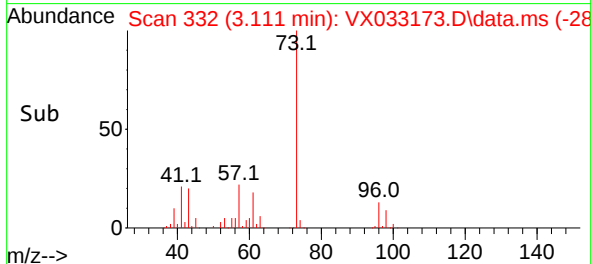
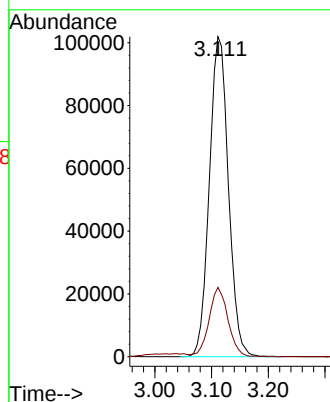
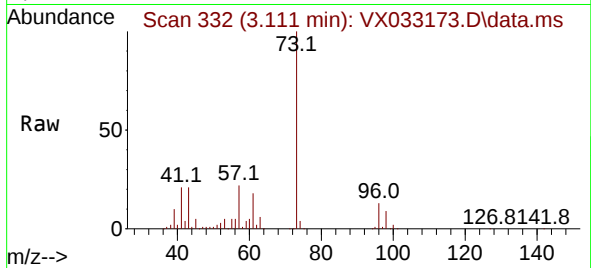
#19
Methyl tert-butyl Ether
Concen: 54.982 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 237652
Ion Ratio Lower Upper
73 100
57 21.6 16.6 25.0

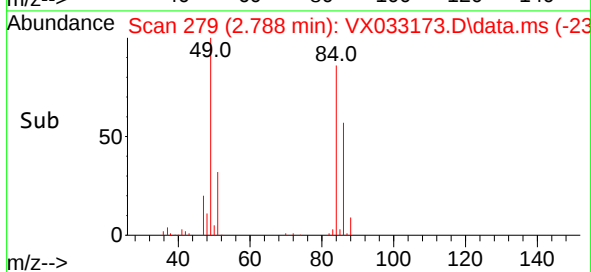
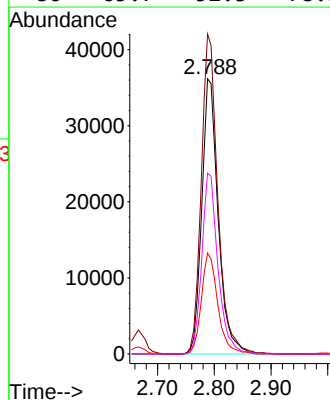
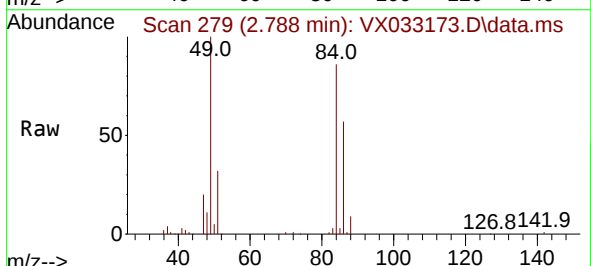
Manual Integrations
APPROVED

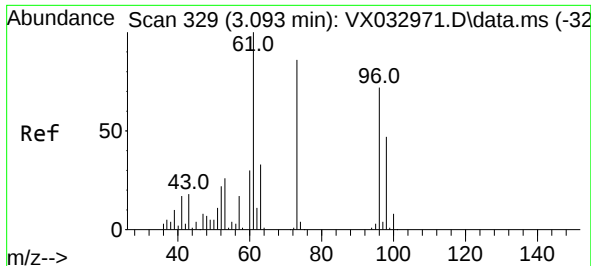
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#20
Methylene Chloride
Concen: 53.972 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

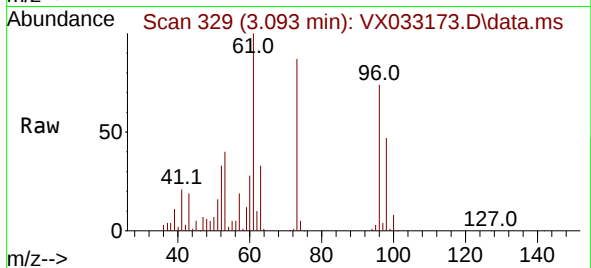
Tgt Ion: 84 Resp: 72807
Ion Ratio Lower Upper
84 100
49 116.3 101.0 151.6
51 36.7 31.1 46.7
86 65.7 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.637 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

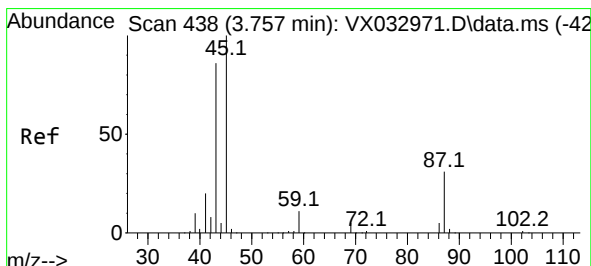
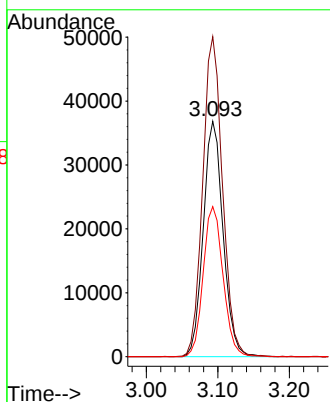
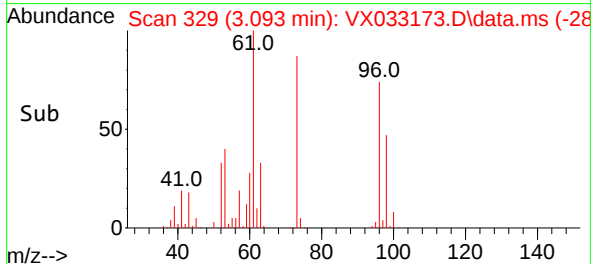
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



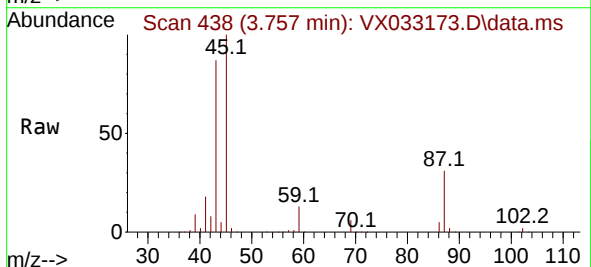
Tgt Ion: 96 Resp: 70760
Ion Ratio Lower Upper
96 100
61 135.9 106.6 160.0
98 63.8 51.0 76.6

Manual Integrations
APPROVED

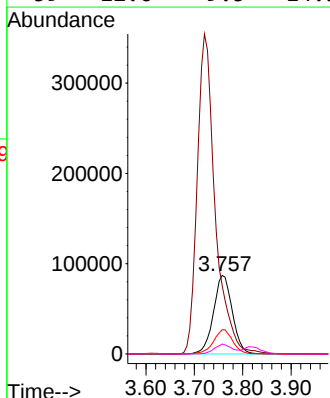
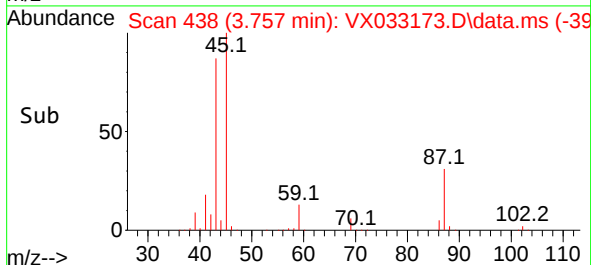
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

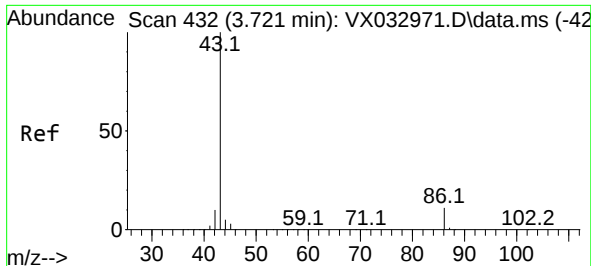


#22
Diisopropyl ether
Concen: 53.693 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion: 45 Resp: 235251
Ion Ratio Lower Upper
45 100
43 87.1 56.4 84.6#
87 30.8 24.4 36.6
59 12.6 9.5 14.3





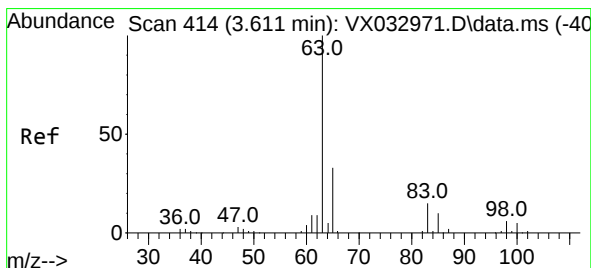
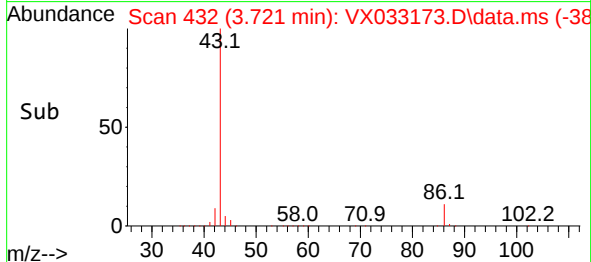
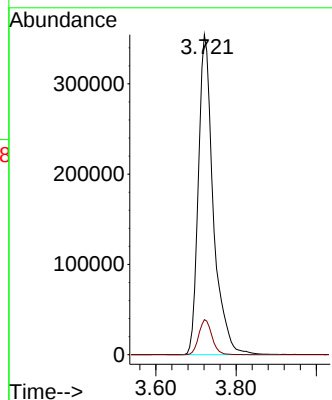
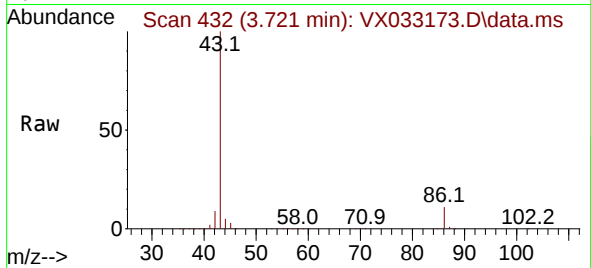
#23
 Vinyl Acetate
 Concen: 266.865 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033173.D
 Acq: 01 Dec 2022 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 91524
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

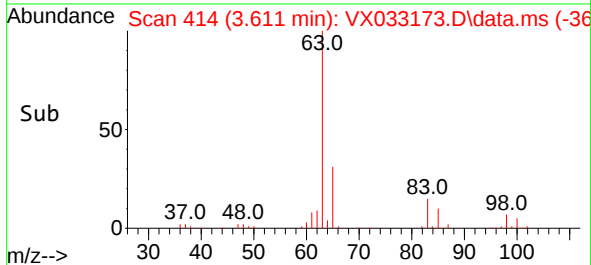
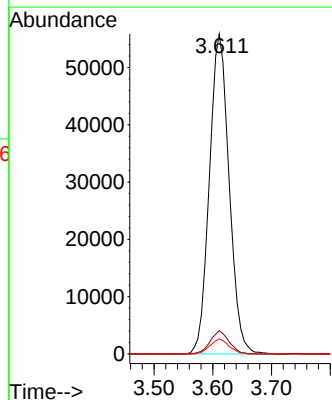
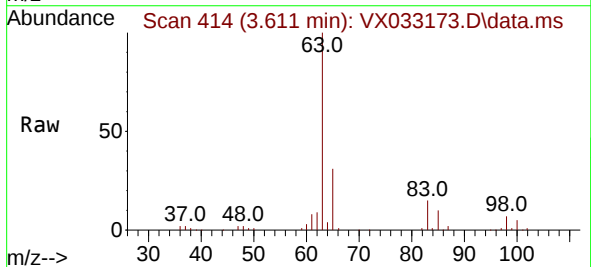
Manual Integrations
 APPROVED

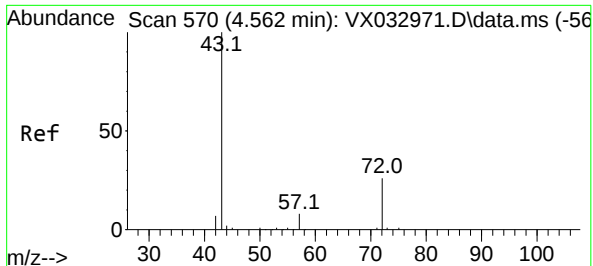
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#24
 1,1-Dichloroethane
 Concen: 51.969 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033173.D
 Acq: 01 Dec 2022 18:59

Tgt Ion: 63 Resp: 130296
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 258.931 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 231918

Ion Ratio Lower Upper

43 100

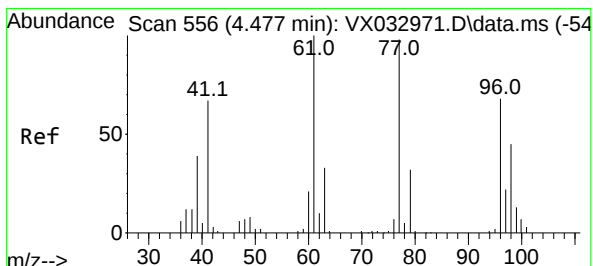
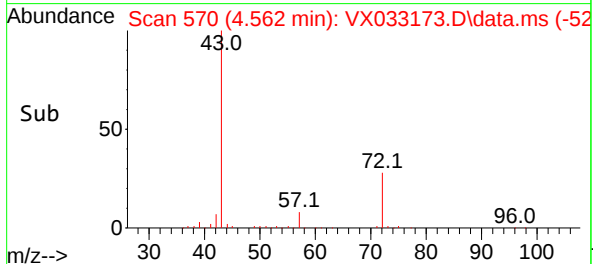
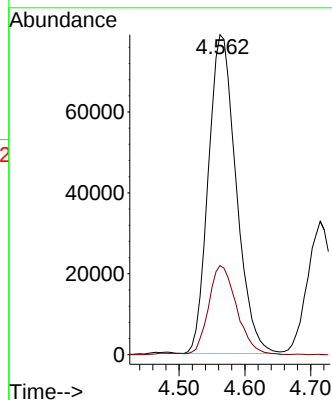
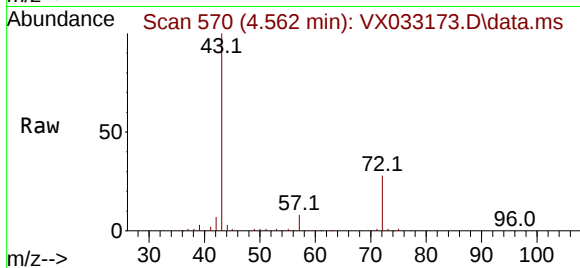
72 27.9 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#26

2,2-Dichloropropane

Concen: 52.902 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX033173.D

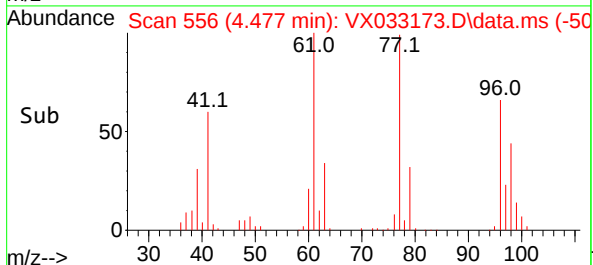
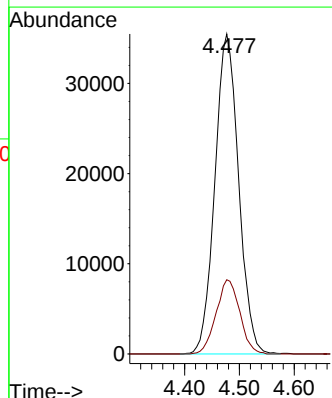
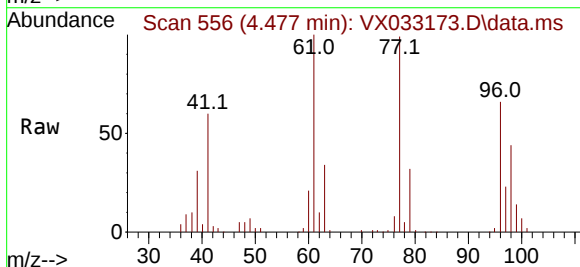
Acq: 01 Dec 2022 18:59

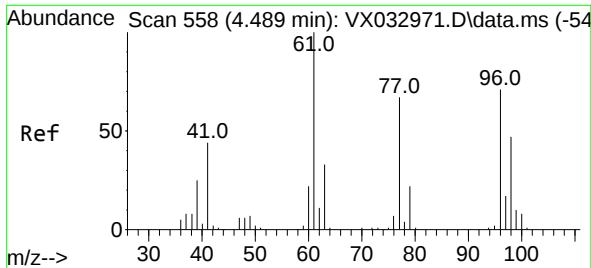
Tgt Ion: 77 Resp: 106647

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.879 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 8565

Ion Ratio Lower Upper

96 100

61 141.9 0.0 286.0

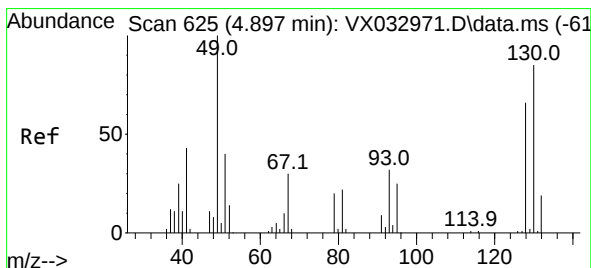
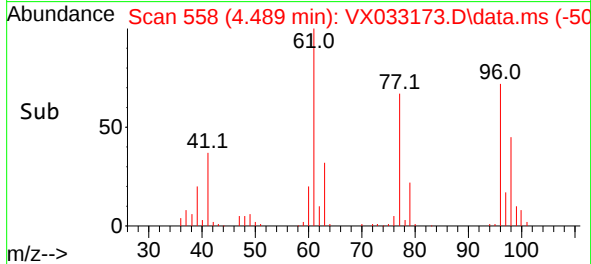
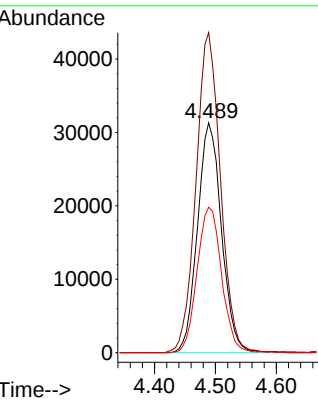
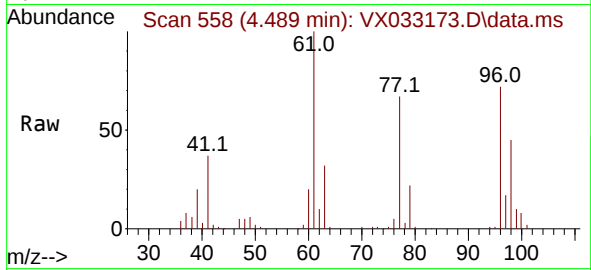
98 64.7 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#28

Bromochloromethane

Concen: 49.883 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

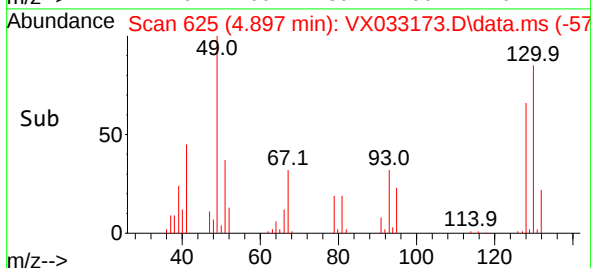
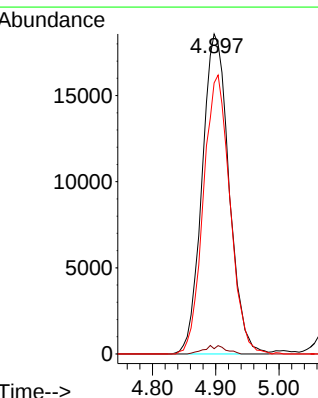
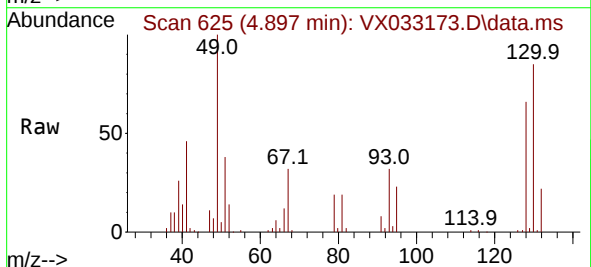
Tgt Ion: 49 Resp: 54954

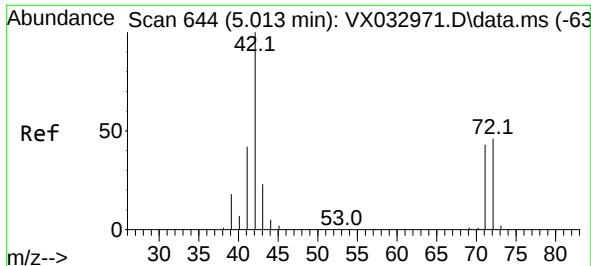
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 85.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 263.864 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 14996

Ion Ratio Lower Upper

42 100

72 48.2 37.6 56.4

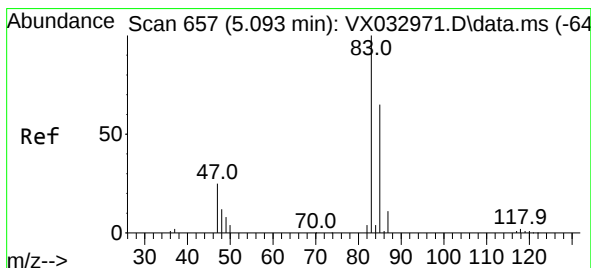
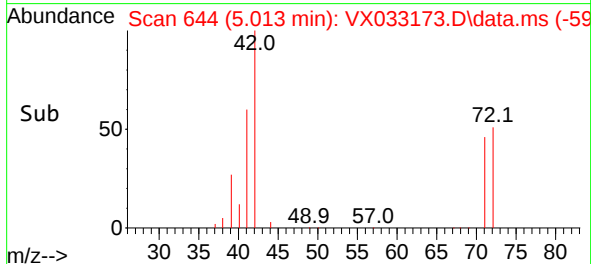
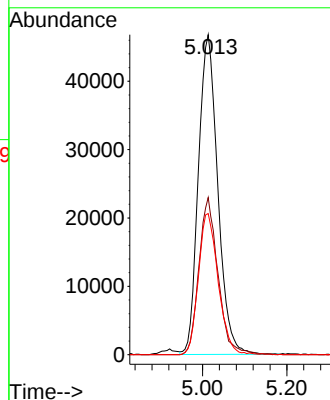
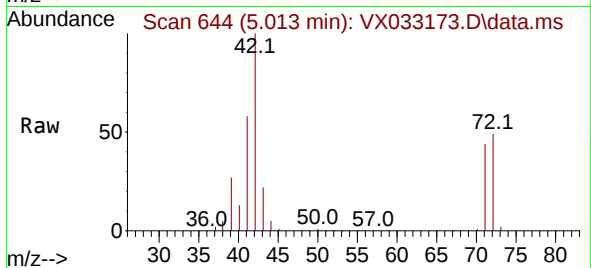
71 44.9 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#30

Chloroform

Concen: 52.352 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033173.D

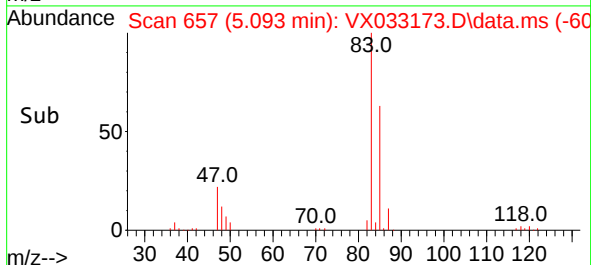
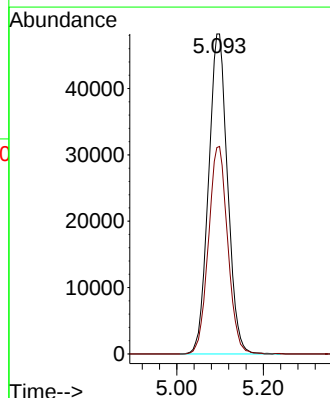
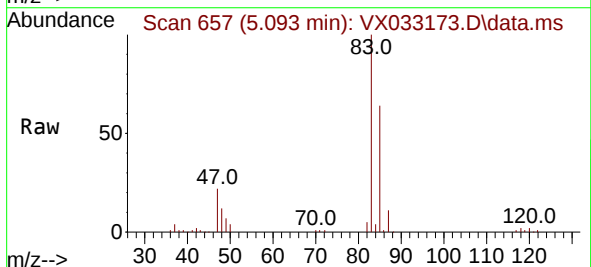
Acq: 01 Dec 2022 18:59

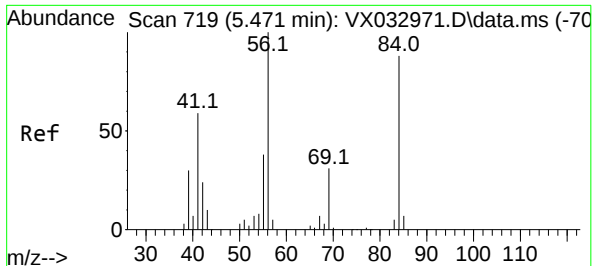
Tgt Ion: 83 Resp: 147010

Ion Ratio Lower Upper

83 100

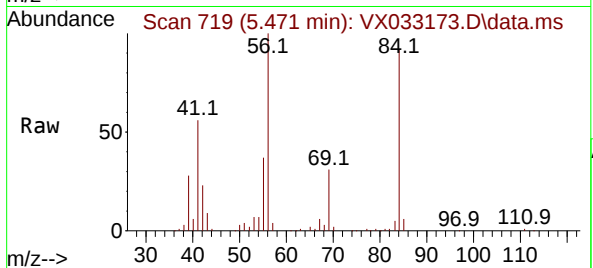
85 64.5 51.1 76.7





#31
Cyclohexane
Concen: 48.543 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

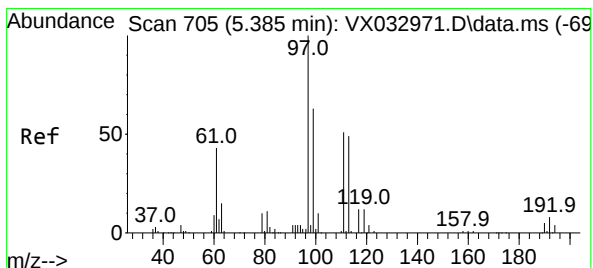
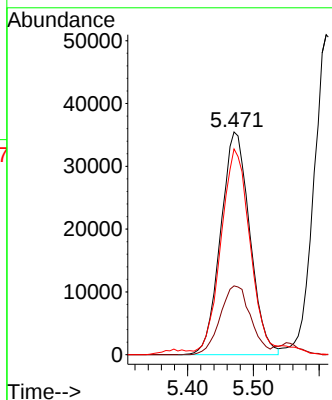
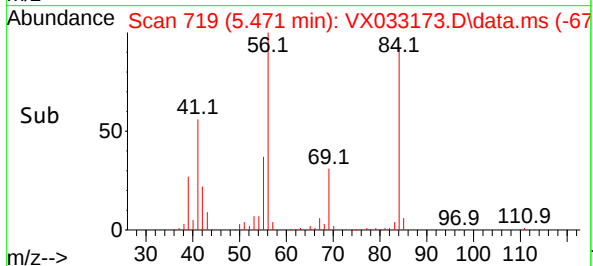
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



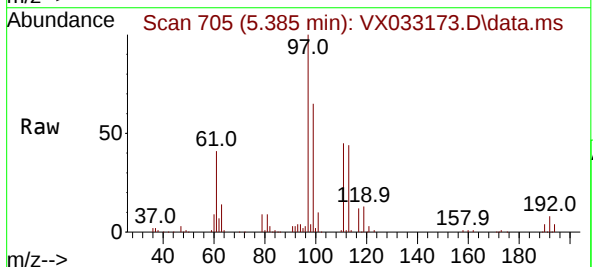
Tgt Ion: 56 Resp: 109397
Ion Ratio Lower Upper
56 100
69 30.9 24.1 36.1
84 90.8 66.9 100.3

Manual Integrations
APPROVED

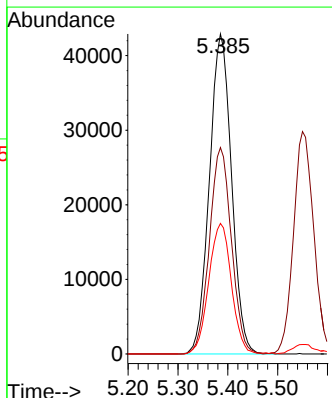
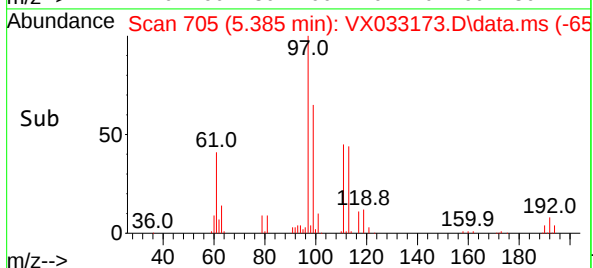
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

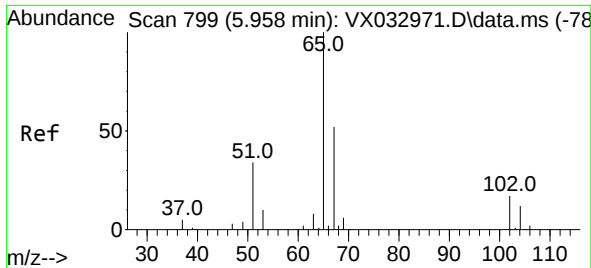


#32
1,1,1-Trichloroethane
Concen: 52.519 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion: 97 Resp: 132073
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 41.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.041 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6198

Ion Ratio Lower Upper

65 100

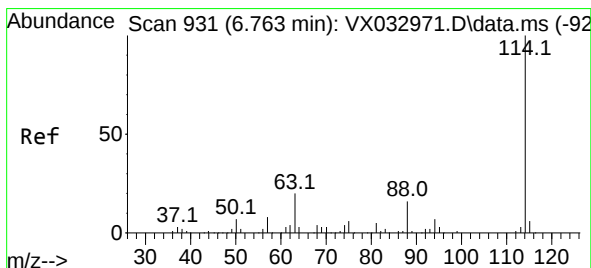
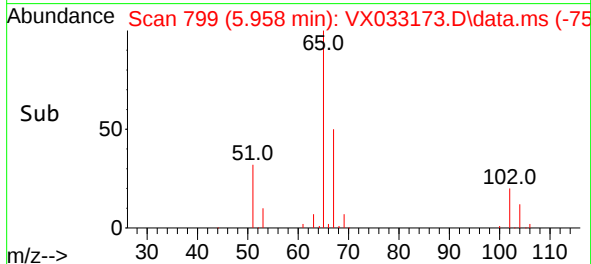
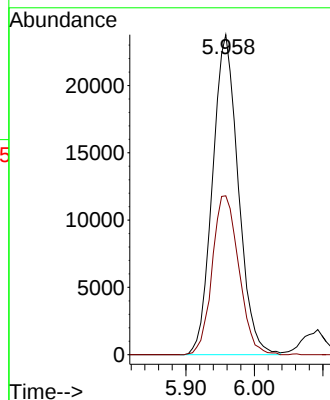
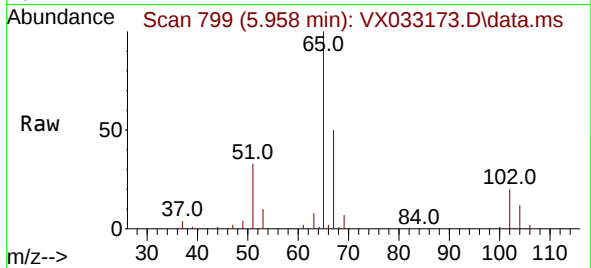
67 51.3 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

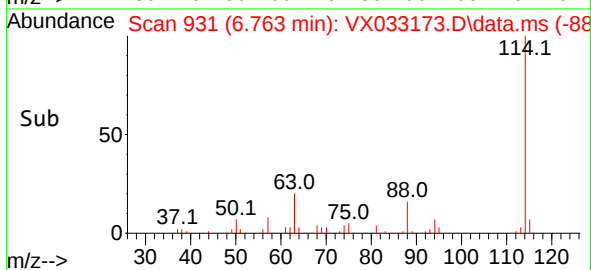
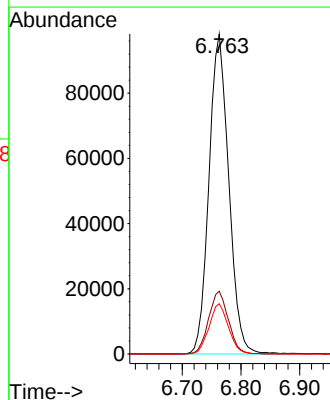
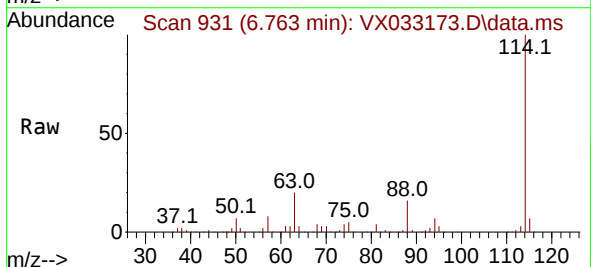
Tgt Ion:114 Resp: 229311

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 43.538 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

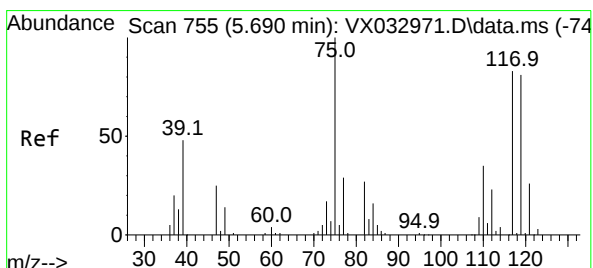
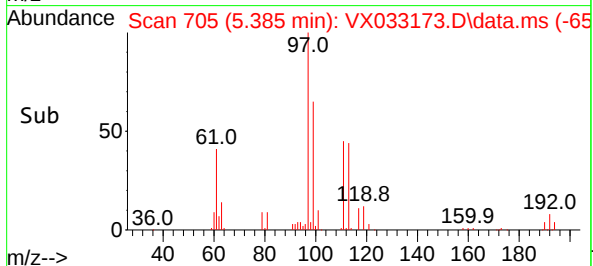
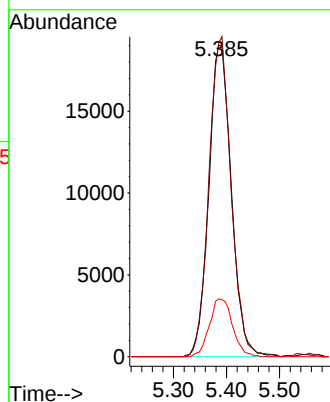
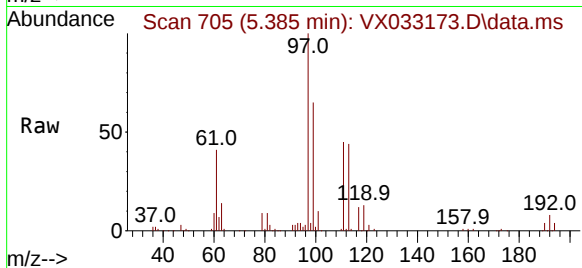
Tgt Ion:	113	Resp:	56284
Ion Ratio	Lower	Upper	
113	100		
111	100.7	82.4	123.6
192	19.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#36

1,1-Dichloropropene

Concen: 49.323 ug/l

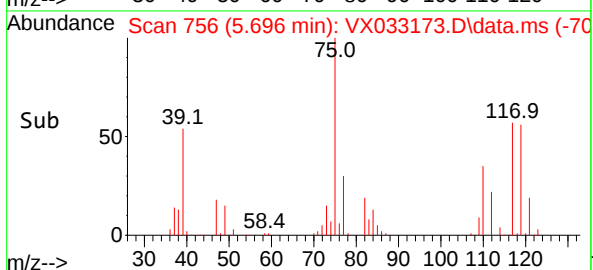
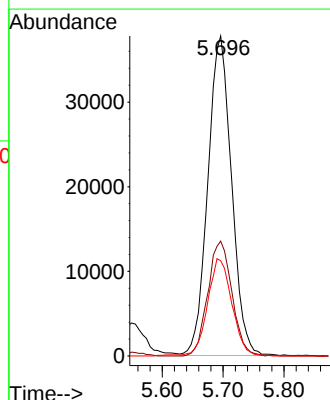
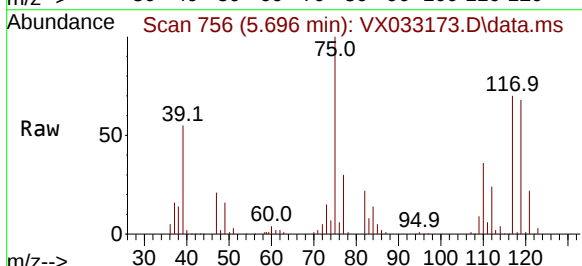
RT: 5.696 min Scan# 756

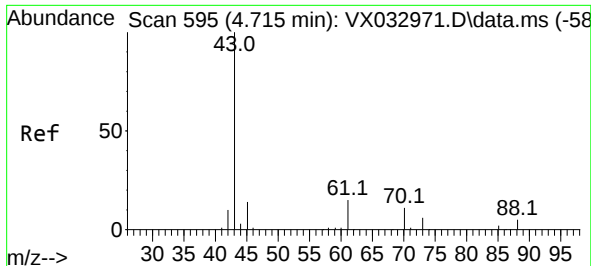
Delta R.T. 0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Tgt Ion:	75	Resp:	101955
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.4	55.2
77	31.0	24.5	36.7





#37

Ethyl Acetate

Concen: 52.691 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 95024

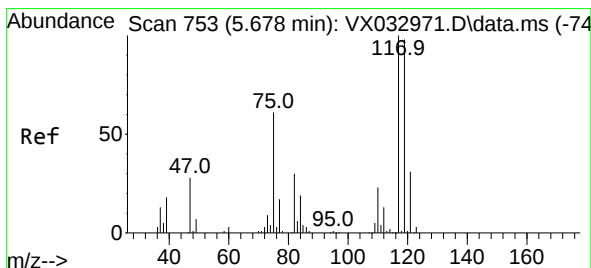
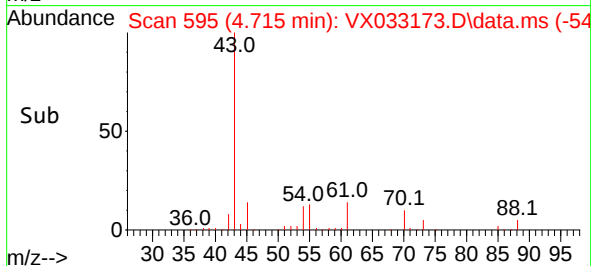
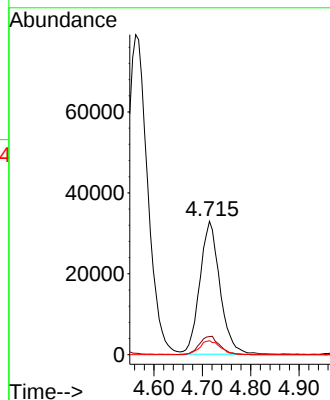
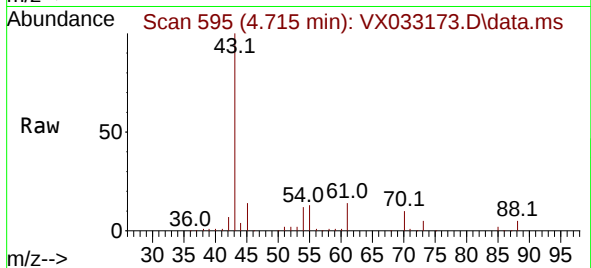
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	10.8	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#38

Carbon Tetrachloride

Concen: 49.810 ug/l

RT: 5.678 min Scan# 753

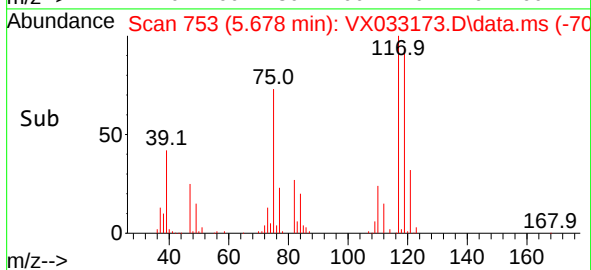
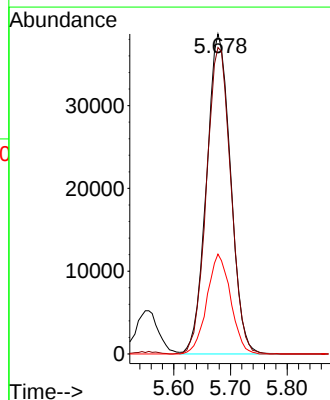
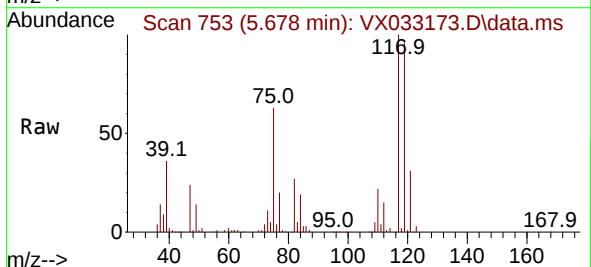
Delta R.T. -0.006 min

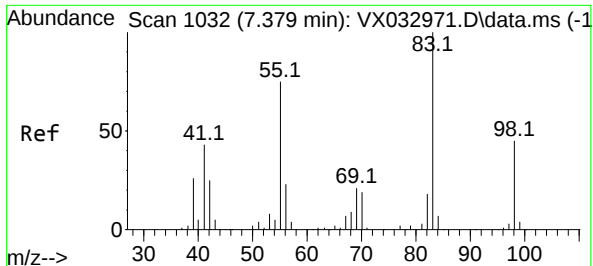
Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Tgt Ion:117 Resp: 114219

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.2	115.8
121	31.2	25.8	38.6





#39

Methylcyclohexane

Concen: 48.470 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 114318

Ion Ratio Lower Upper

83 100

55 74.9 58.4 87.6

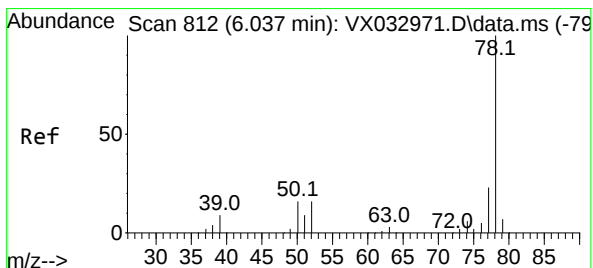
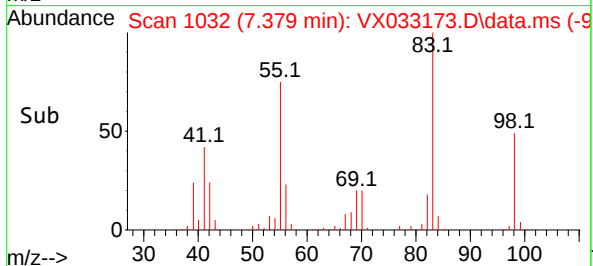
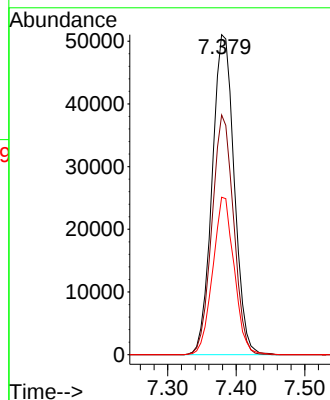
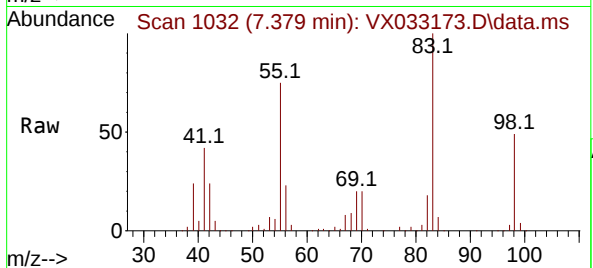
98 49.2 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#40

Benzene

Concen: 51.112 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033173.D

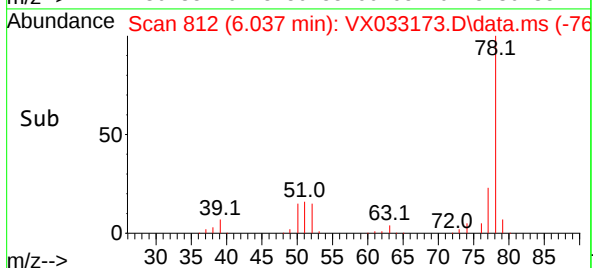
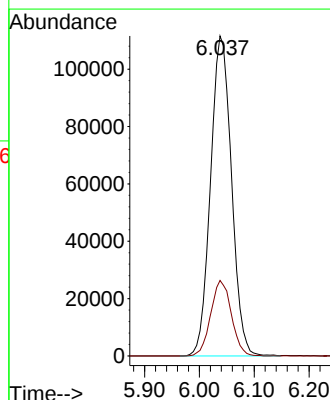
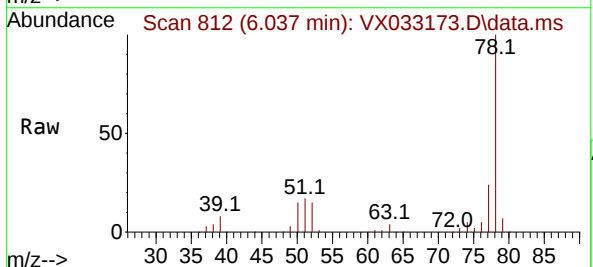
Acq: 01 Dec 2022 18:59

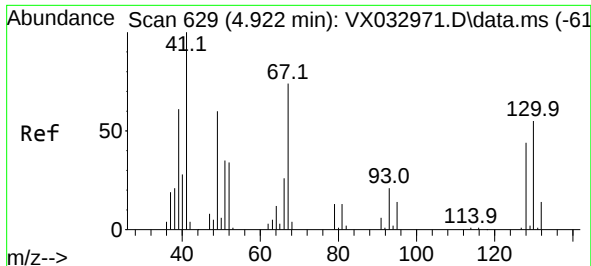
Tgt Ion: 78 Resp: 296226

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4





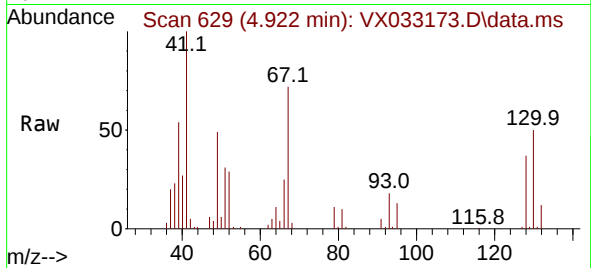
#41
Methacrylonitrile
Concen: 52.851 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



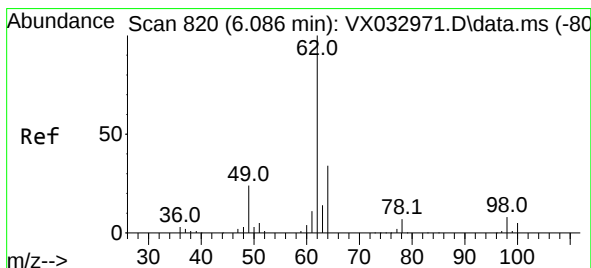
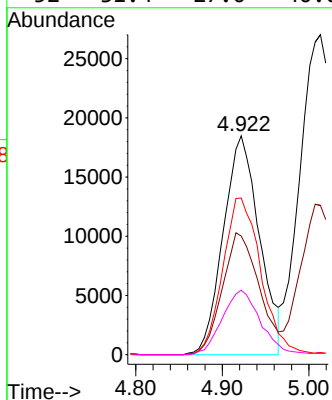
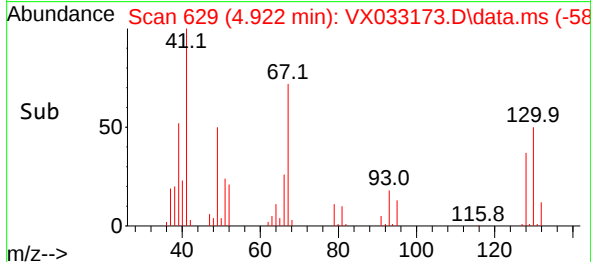
Tgt Ion: 41 Resp: 53630
Ion Ratio Lower Upper
41 100
39 56.3 47.5 71.3
67 75.8 60.5 90.7
52 31.4 27.0 40.6

Manual Integrations

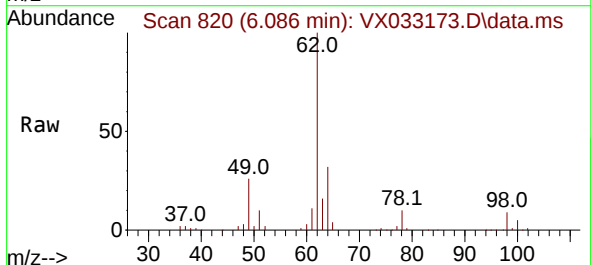
APPROVED

Reviewed By :John Carlone 12/02/2022

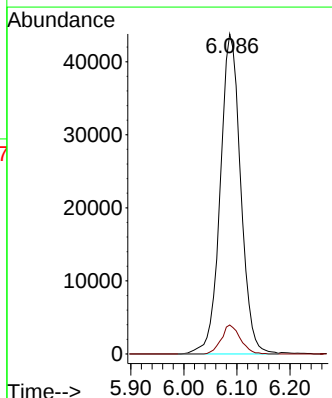
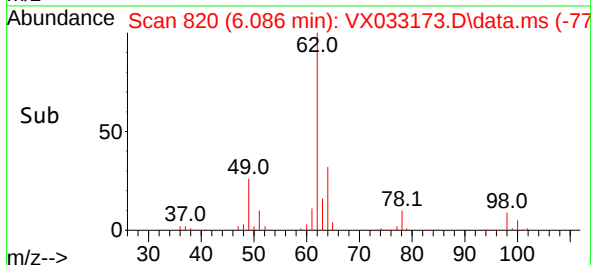
Supervised By :Mahesh Dadoda 12/02/2022

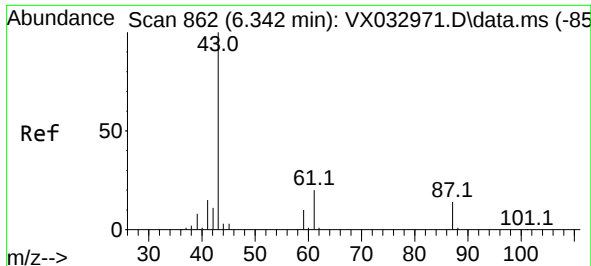


#42
1,2-Dichloroethane
Concen: 50.199 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion: 62 Resp: 117142
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





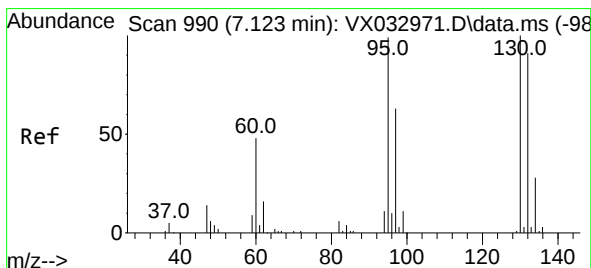
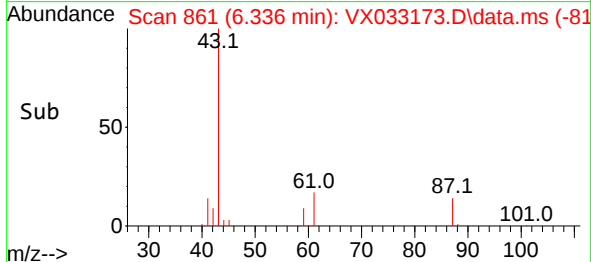
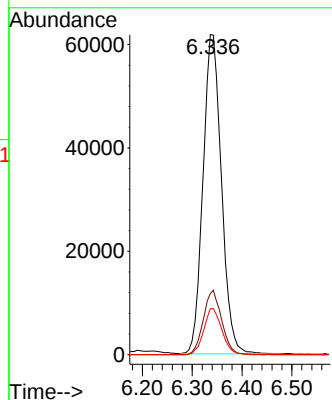
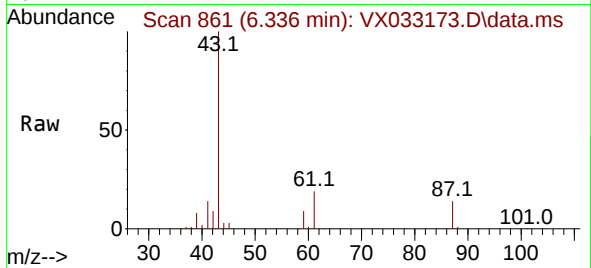
#43
Isopropyl Acetate
Concen: 53.315 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 15901
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0
87 14.1 10.8 16.2

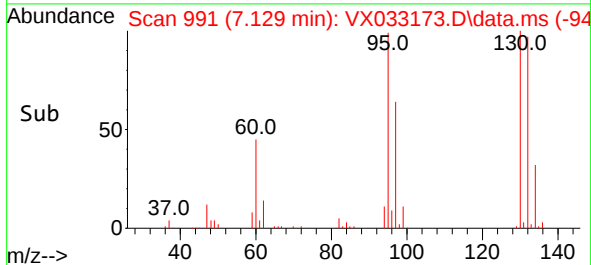
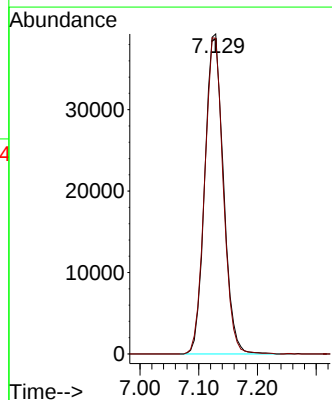
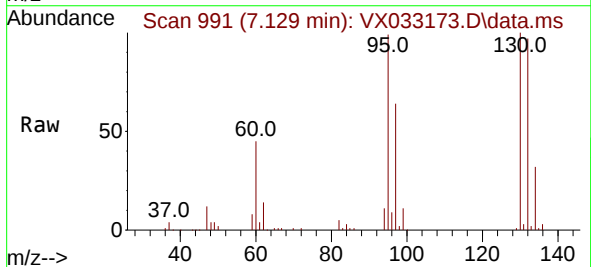
Manual Integrations
APPROVED

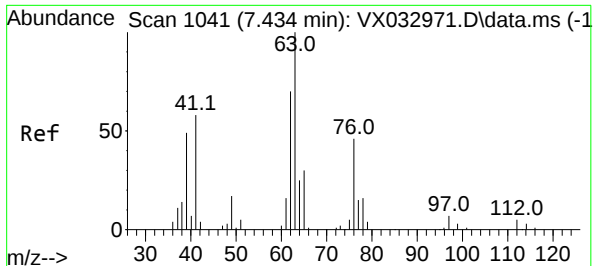
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#44
Trichloroethene
Concen: 53.160 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Tgt Ion:130 Resp: 86454
Ion Ratio Lower Upper
130 100
95 98.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.937 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7582

Ion Ratio Lower Upper

63 100

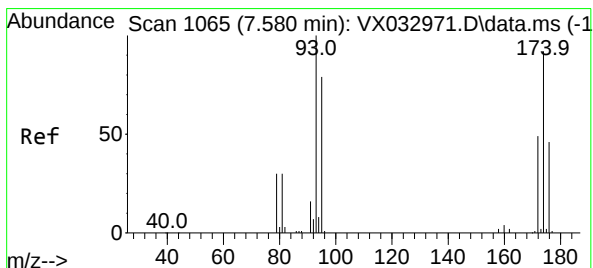
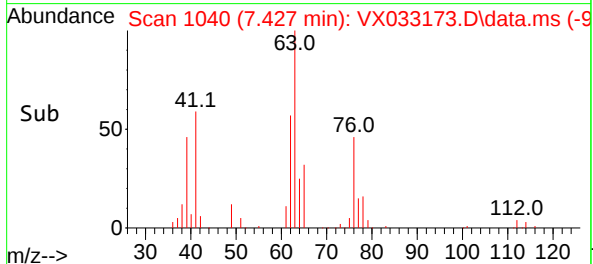
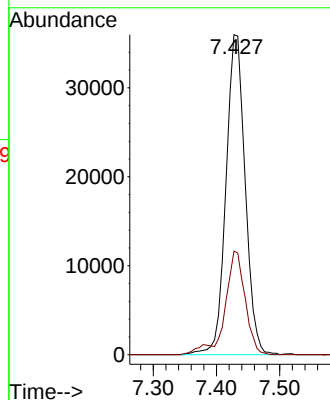
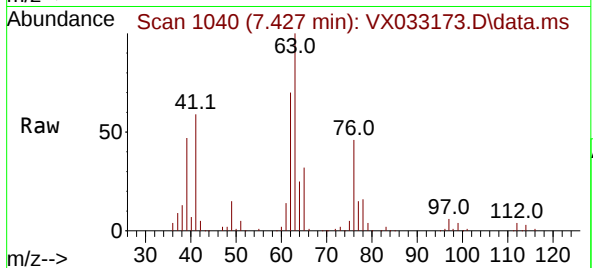
65 32.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#46

Dibromomethane

Concen: 50.394 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

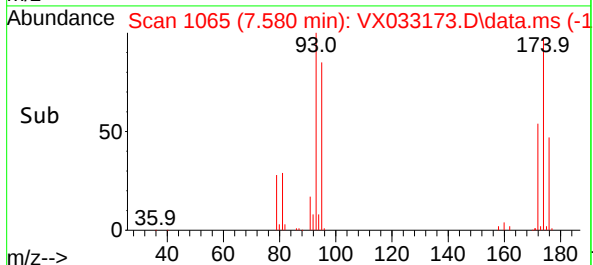
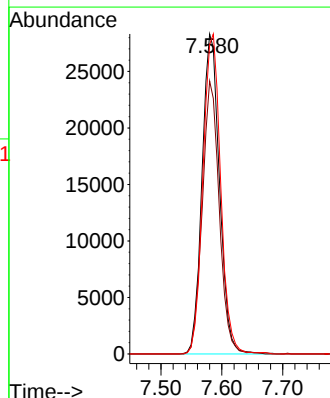
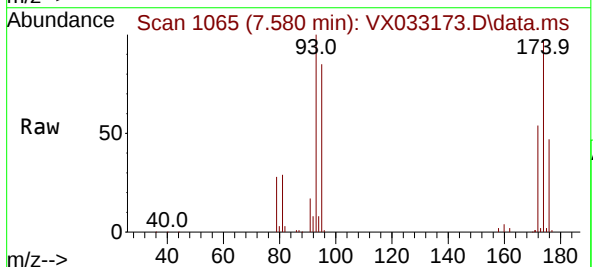
Tgt Ion: 93 Resp: 56319

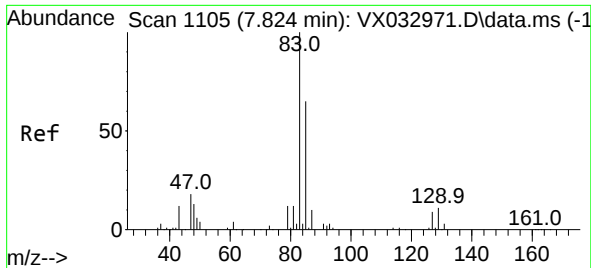
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

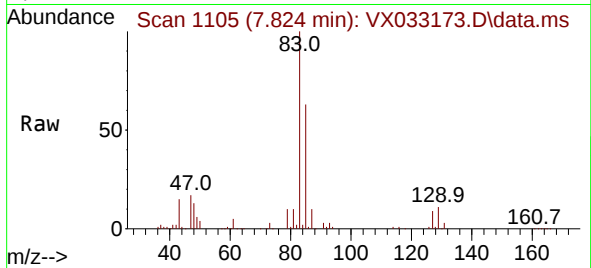
174 101.0 79.8 119.6





#47
Bromodichloromethane
Concen: 53.006 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

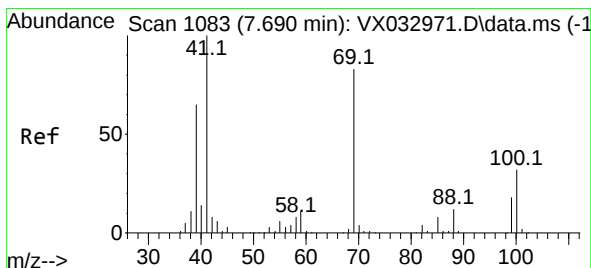
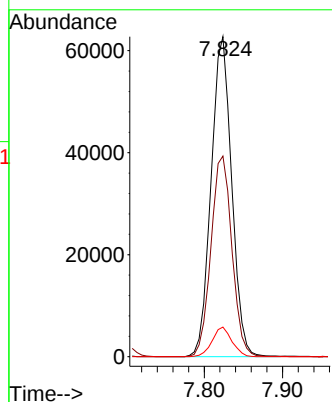
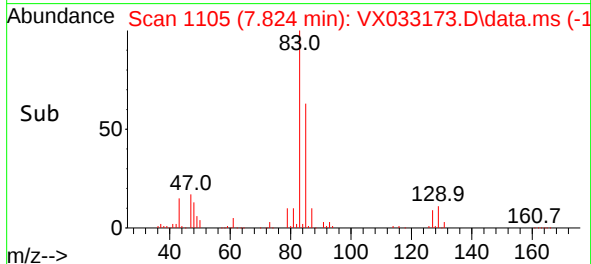
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



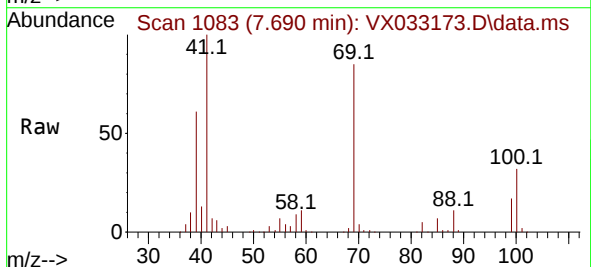
Tgt Ion: 83 Resp: 114460
Ion Ratio Lower Upper
83 100
85 62.7 52.2 78.4
127 9.3 7.4 11.2

Manual Integrations
APPROVED

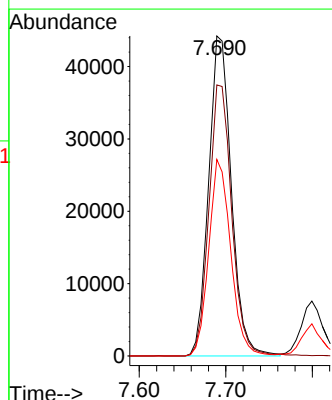
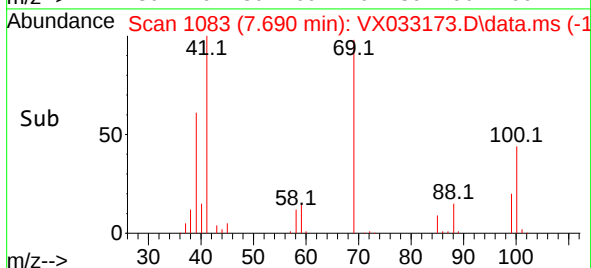
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

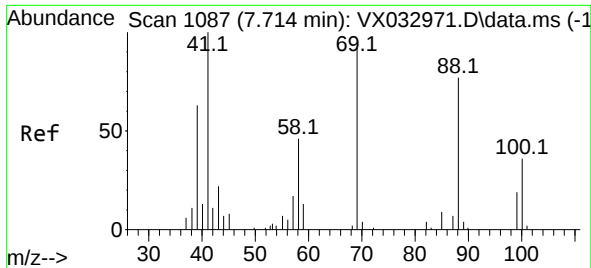


#48
Methyl methacrylate
Concen: 52.470 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion: 41 Resp: 80552
Ion Ratio Lower Upper
41 100
69 85.6 65.1 97.7
39 59.6 51.9 77.9





#49

1,4-Dioxane

Concen: 1166.072 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.049 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3295

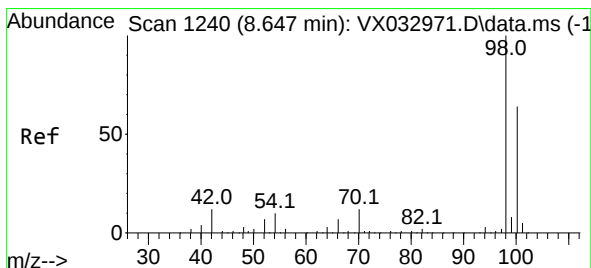
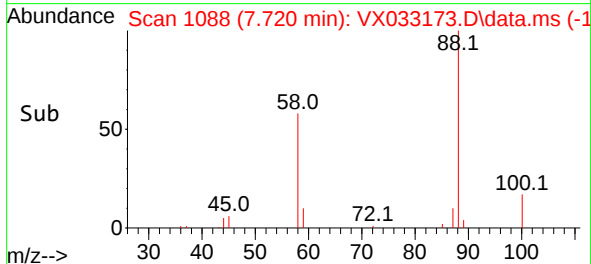
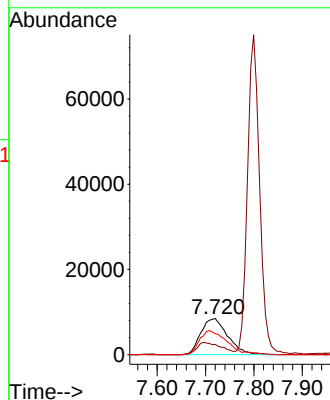
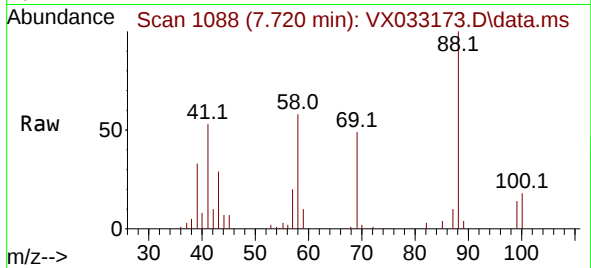
Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8
58	0.0	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#50

Toluene-d8

Concen: 42.230 ug/l

RT: 8.647 min Scan# 1240

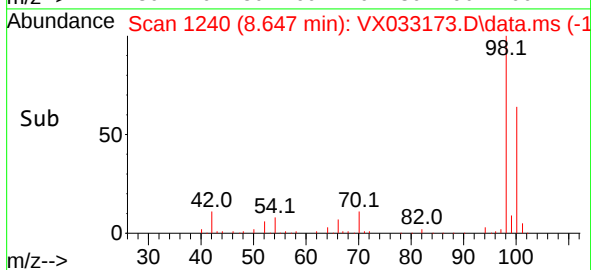
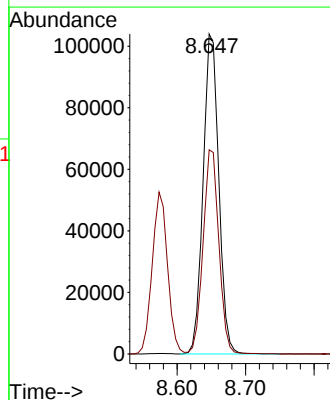
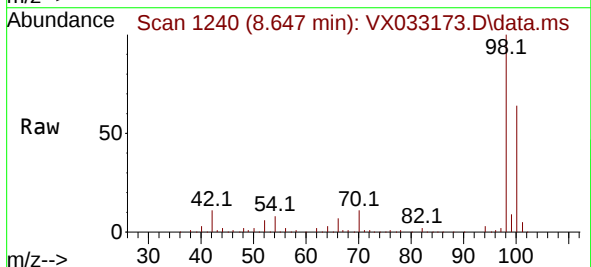
Delta R.T. -0.006 min

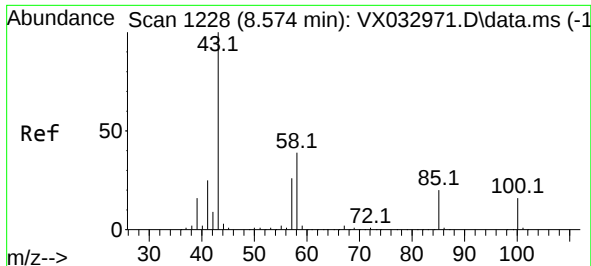
Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Tgt Ion: 98 Resp: 165565

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





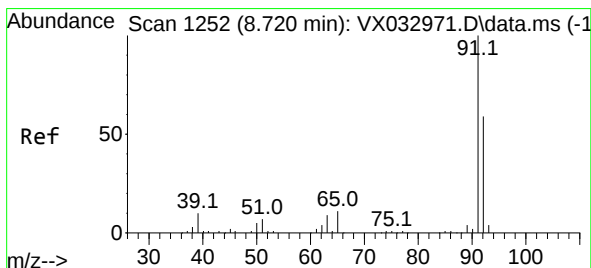
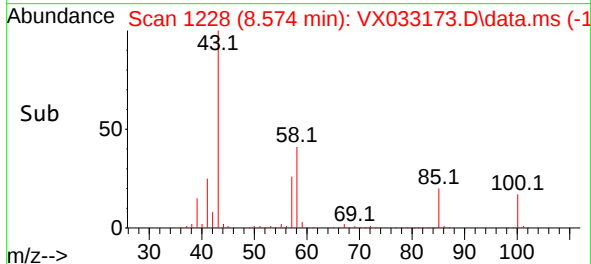
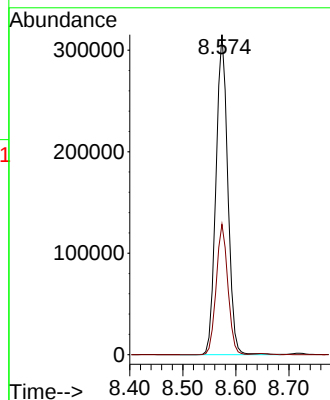
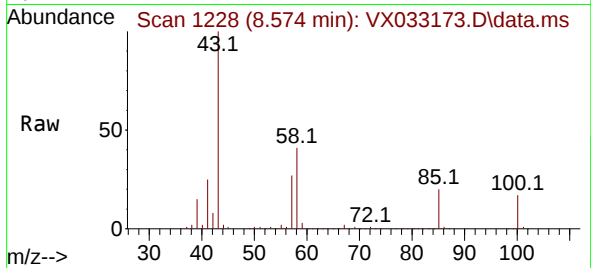
#51
4-Methyl-2-Pentanone
Concen: 266.002 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 489549
Ion Ratio Lower Upper
43 100
58 40.0 30.9 46.3

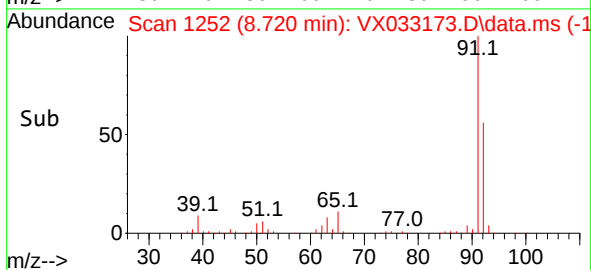
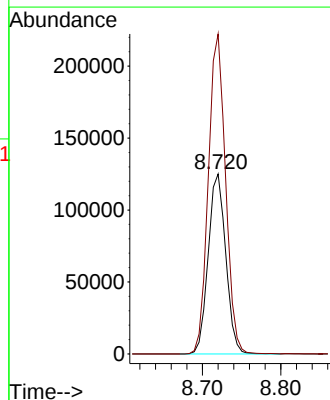
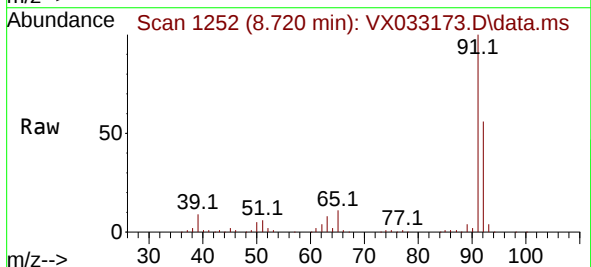
Manual Integrations
APPROVED

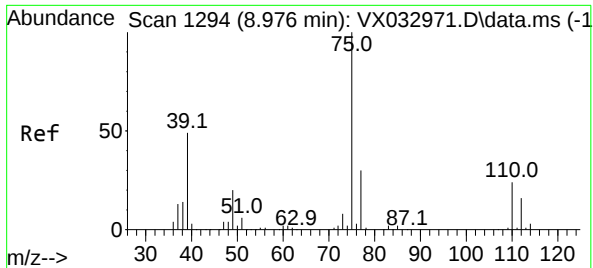
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#52
Toluene
Concen: 50.980 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

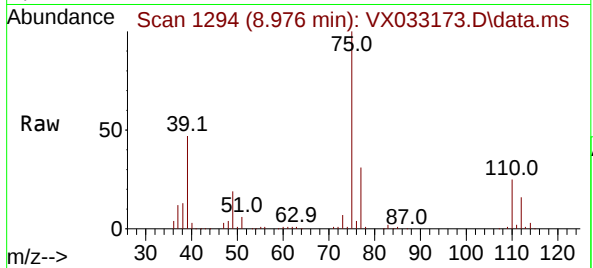
Tgt Ion: 92 Resp: 194384
Ion Ratio Lower Upper
92 100
91 174.9 138.3 207.5





#53
t-1,3-Dichloropropene
Concen: 50.960 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

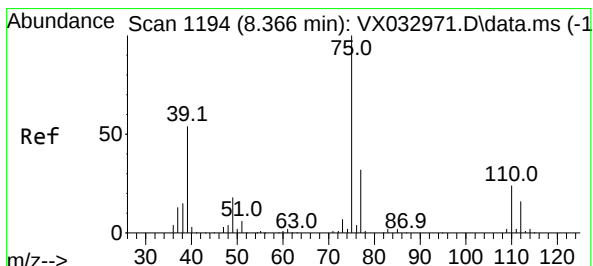
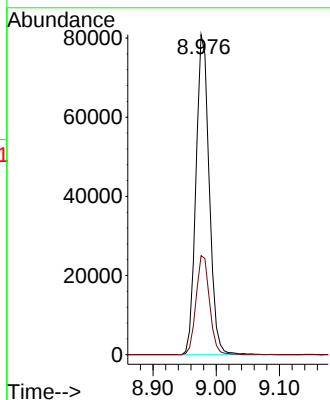
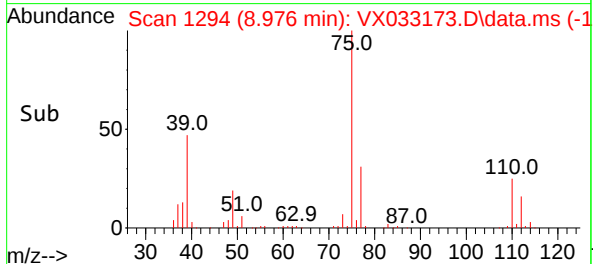
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



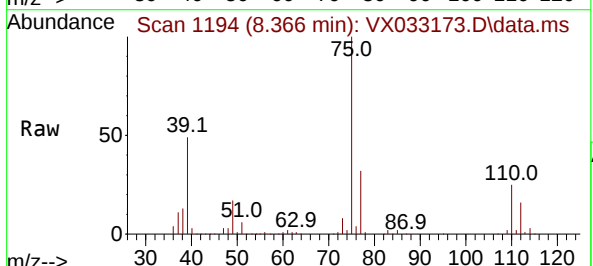
Tgt Ion: 75 Resp: 11831
Ion Ratio Lower Upper
75 100
77 31.0 25.1 37.7

Manual Integrations
APPROVED

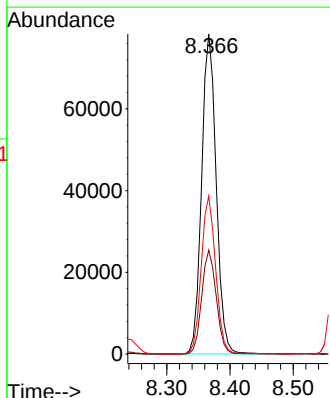
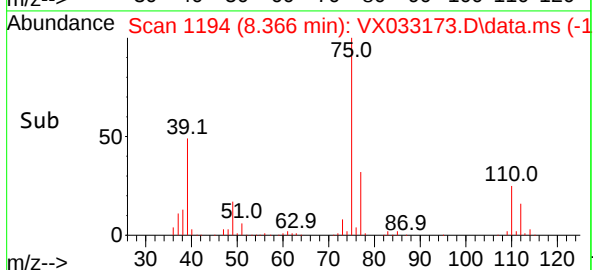
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

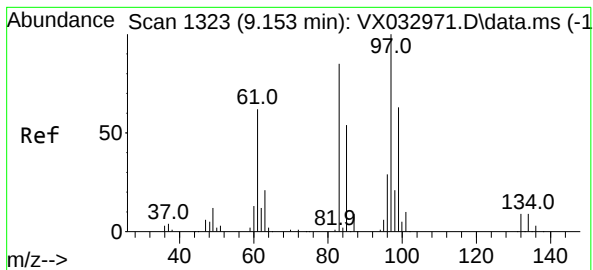


#54
cis-1,3-Dichloropropene
Concen: 54.041 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



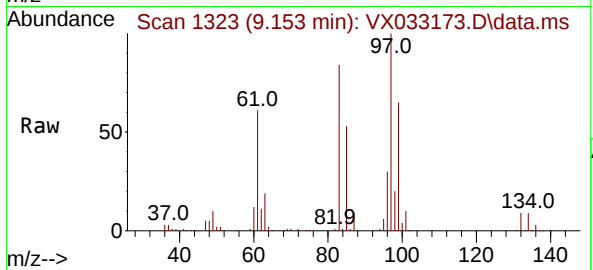
Tgt Ion: 75 Resp: 125811
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7
39 49.4 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 52.077 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

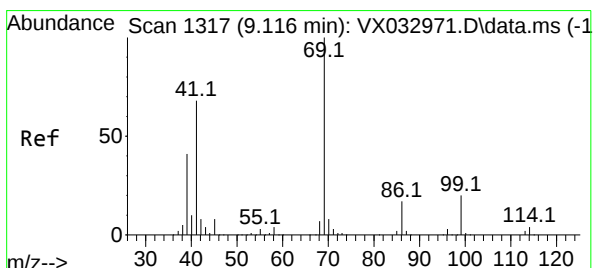
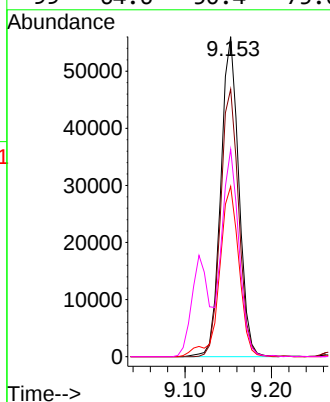
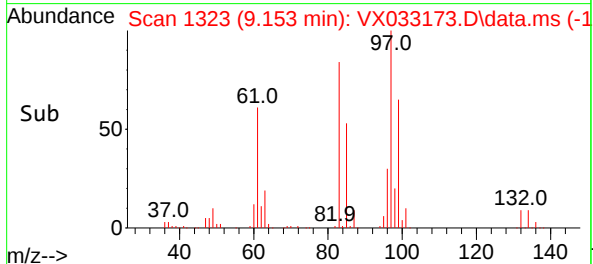
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



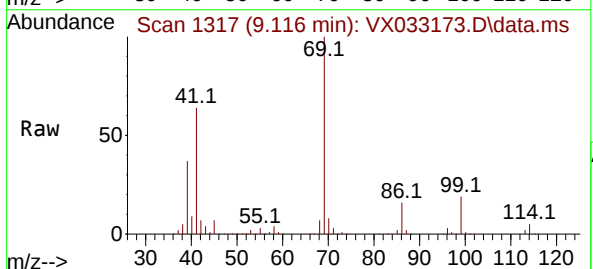
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.1	102.1
85	53.2	43.3	64.9
99	64.6	50.4	75.6

Manual Integrations
APPROVED

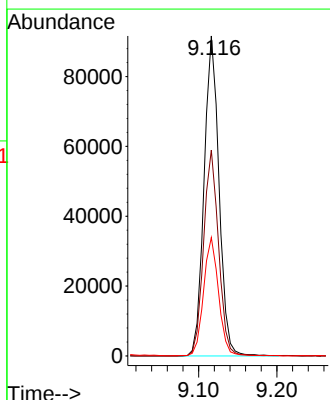
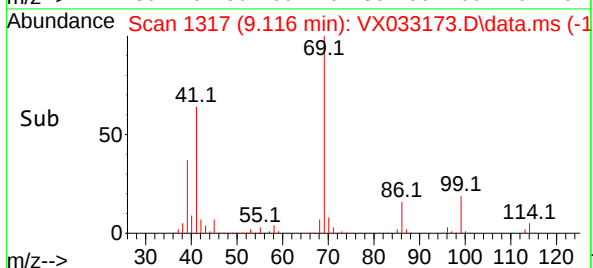
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

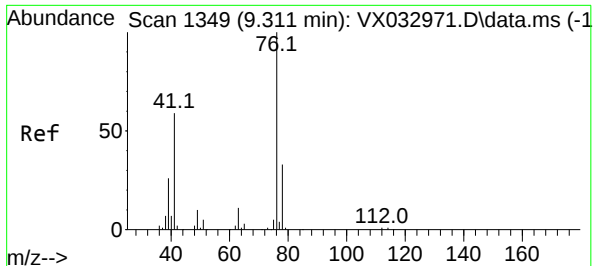


#56
Ethyl methacrylate
Concen: 56.699 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.7	54.3	81.5
39	36.9	35.2	52.8





#57

1,3-Dichloropropane

Concen: 52.333 ug/l

RT: 9.311 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13115

Ion Ratio Lower Upper

76 100

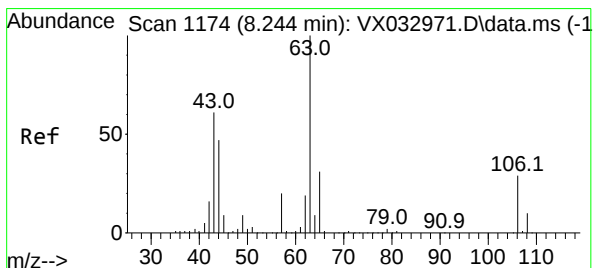
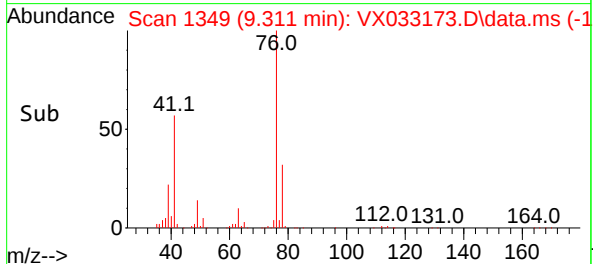
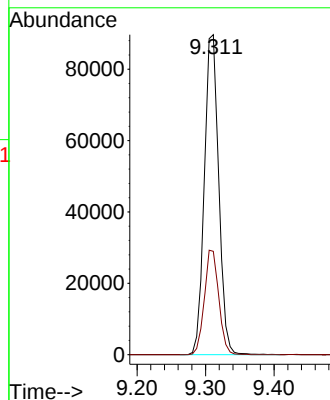
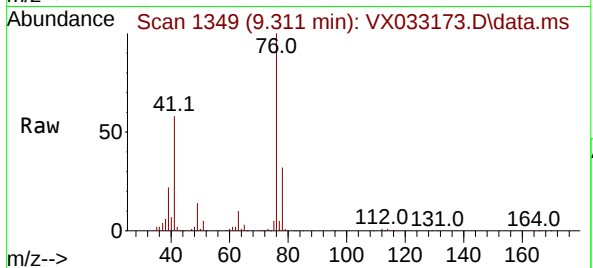
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 260.445 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033173.D

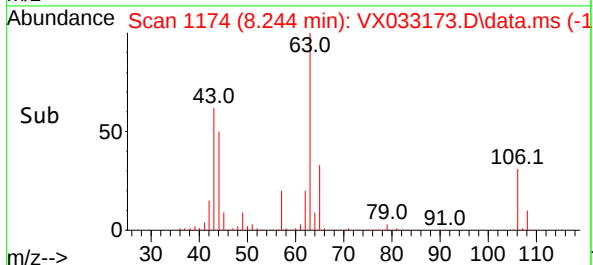
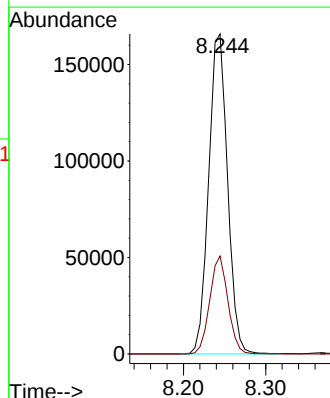
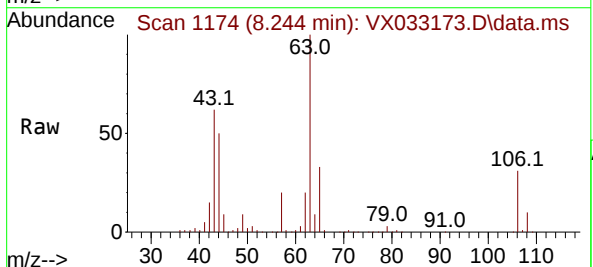
Acq: 01 Dec 2022 18:59

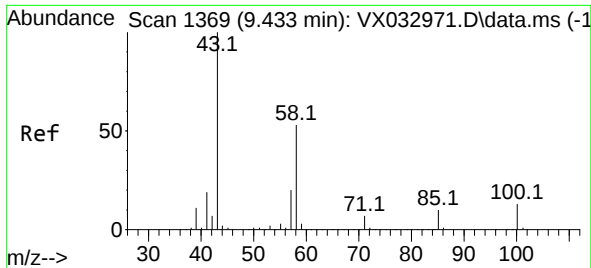
Tgt Ion: 63 Resp: 264528

Ion Ratio Lower Upper

63 100

106 29.4 23.3 34.9





#59

2-Hexanone

Concen: 262.612 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 357029

Ion Ratio Lower Upper

43 100

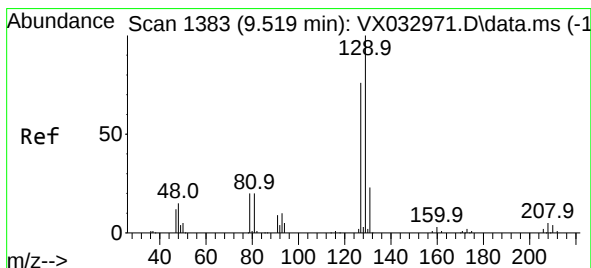
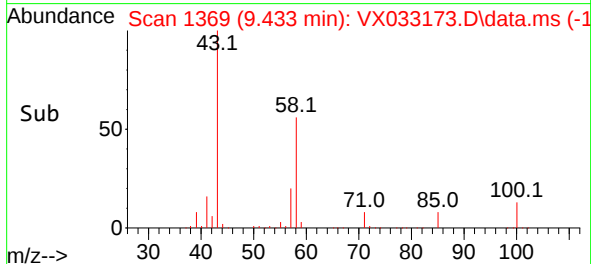
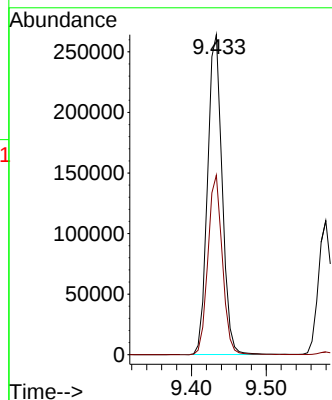
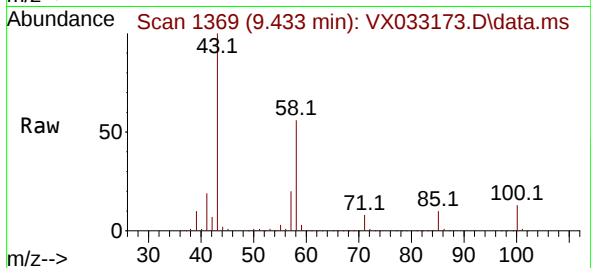
58 55.4 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#60

Dibromochloromethane

Concen: 53.432 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033173.D

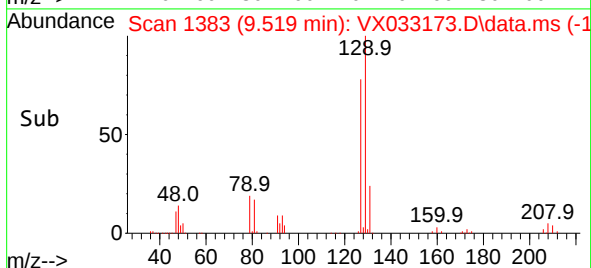
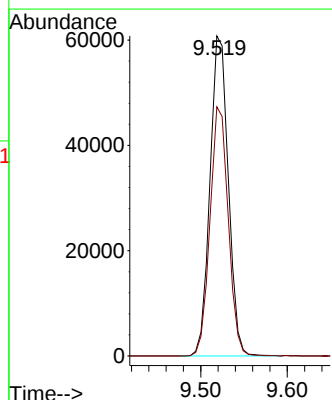
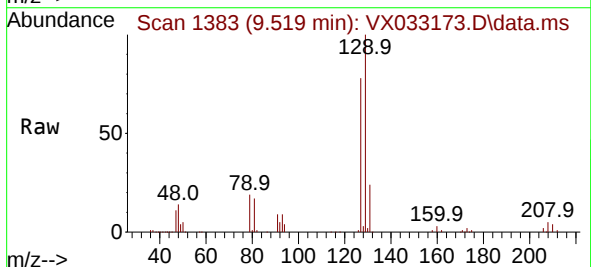
Acq: 01 Dec 2022 18:59

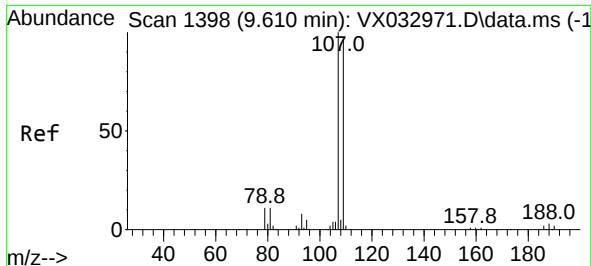
Tgt Ion:129 Resp: 89304

Ion Ratio Lower Upper

129 100

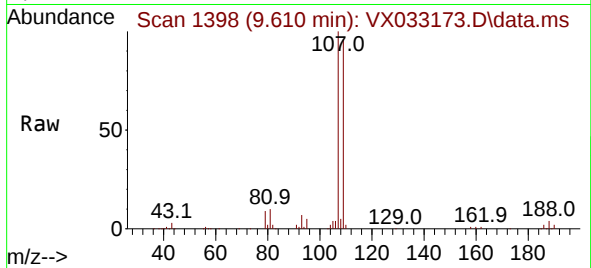
127 77.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.724 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

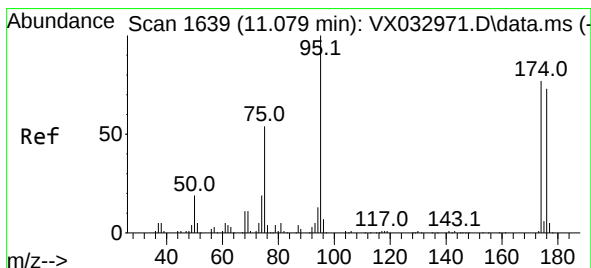
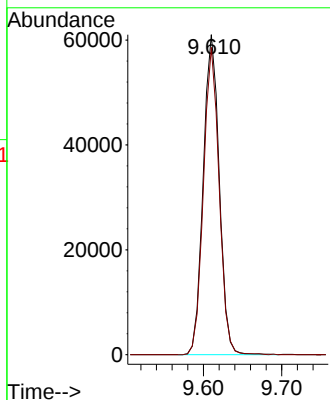
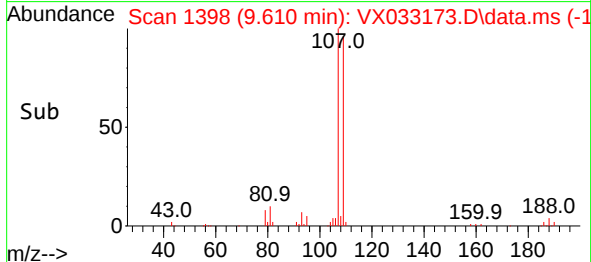
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 86390
Ion Ratio Lower Upper
107 100
109 94.1 76.0 114.0

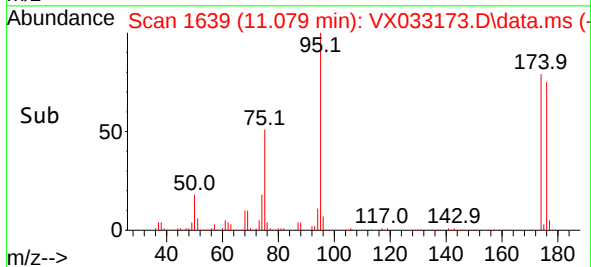
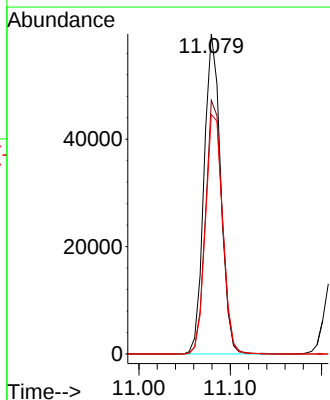
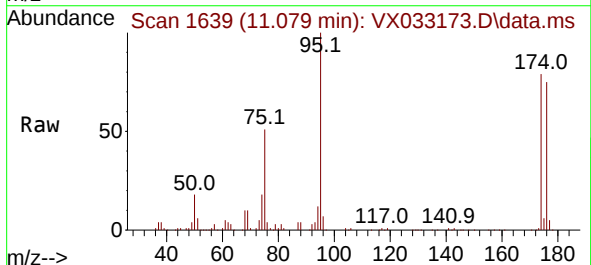
Manual Integrations
APPROVED

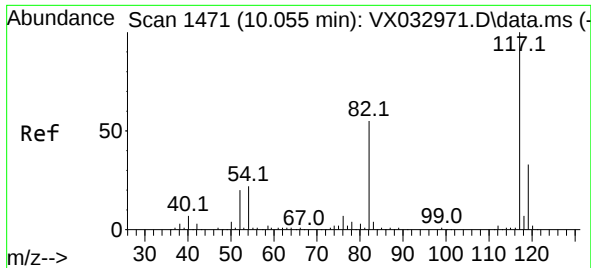
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#62
4-Bromofluorobenzene
Concen: 44.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

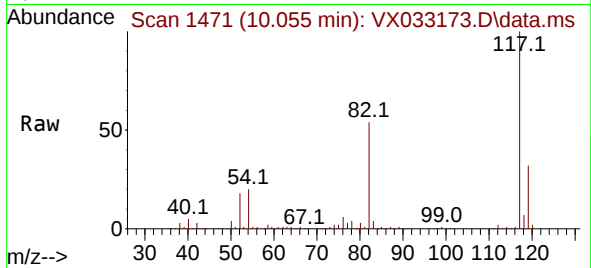
Tgt Ion: 95 Resp: 74813
Ion Ratio Lower Upper
95 100
174 80.2 0.0 164.0
176 77.7 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

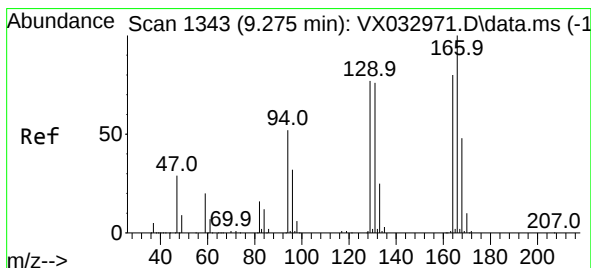
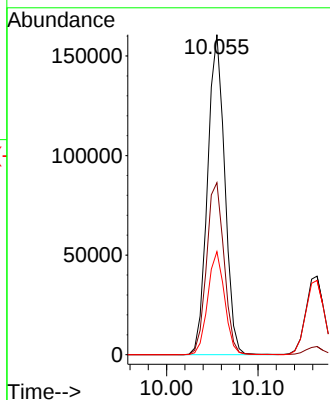
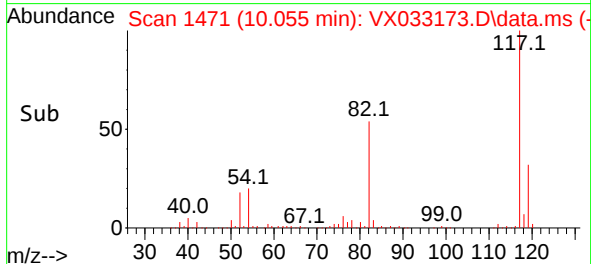
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 20931
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.2 25.7 38.5

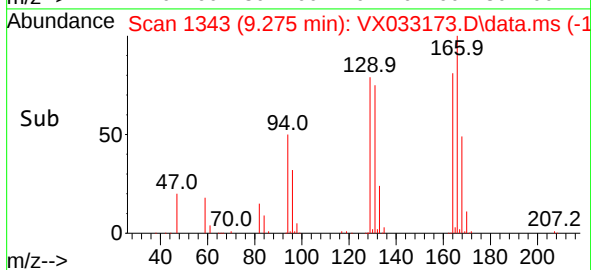
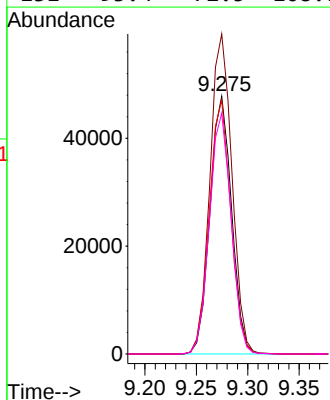
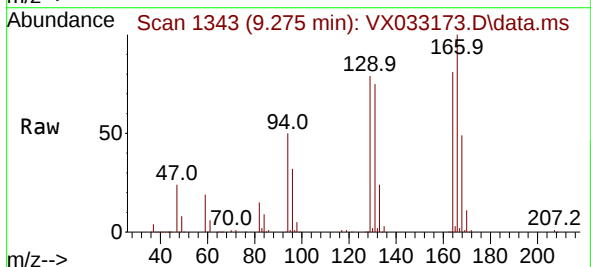
Manual Integrations
APPROVED

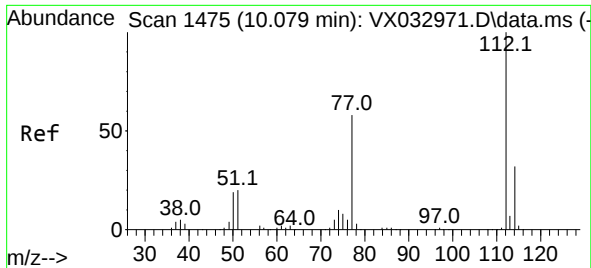
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#64
Tetrachloroethene
Concen: 47.206 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Tgt Ion:164 Resp: 69941
Ion Ratio Lower Upper
164 100
166 124.2 105.4 158.2
129 98.4 78.2 117.2
131 93.4 72.5 108.7





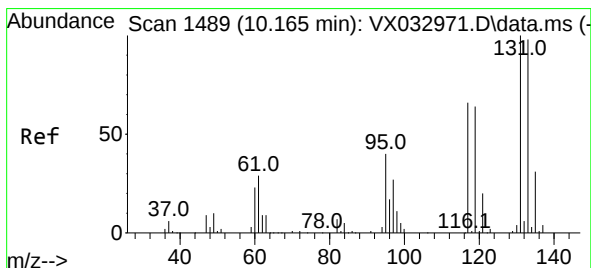
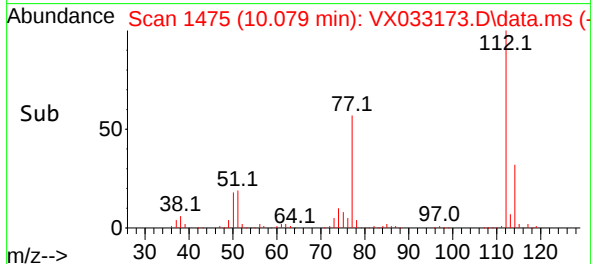
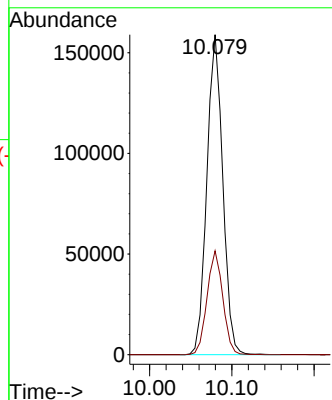
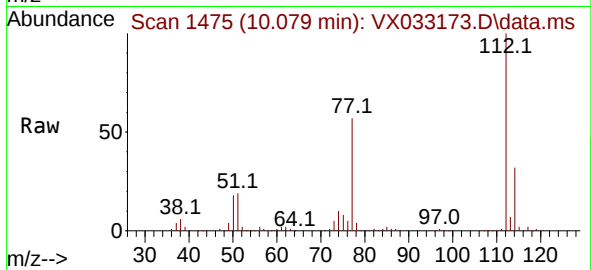
#65
Chlorobenzene
Concen: 51.169 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 213536
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

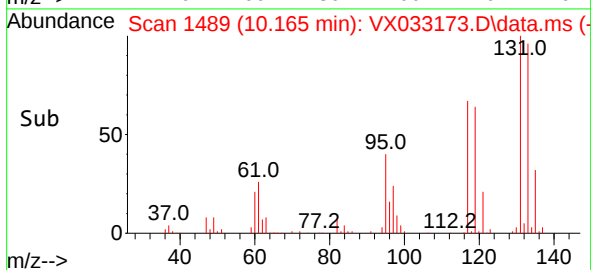
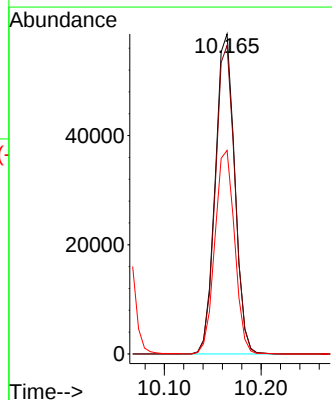
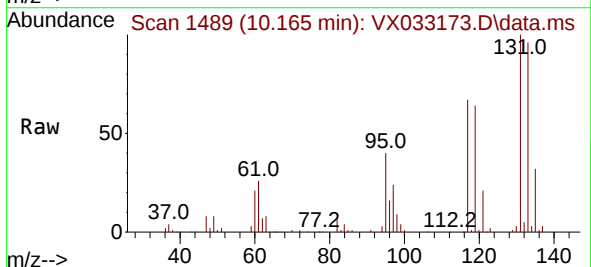
Manual Integrations
APPROVED

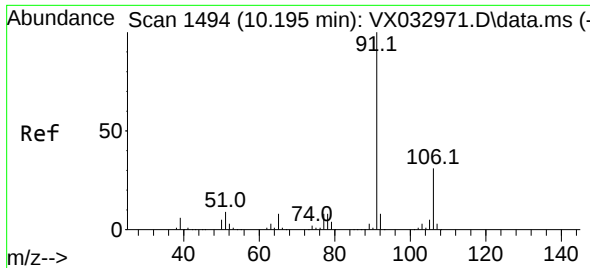
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.477 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

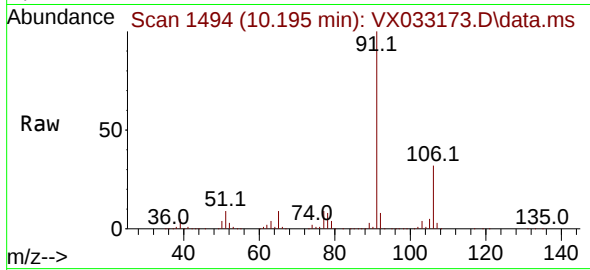
Tgt Ion:131 Resp: 81770
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 64.5 32.4 97.0





#67
Ethyl Benzene
Concen: 52.586 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

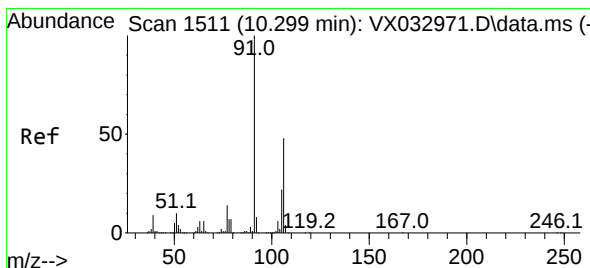
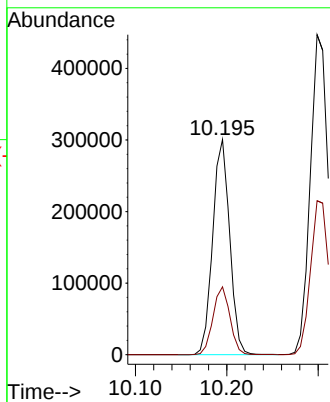
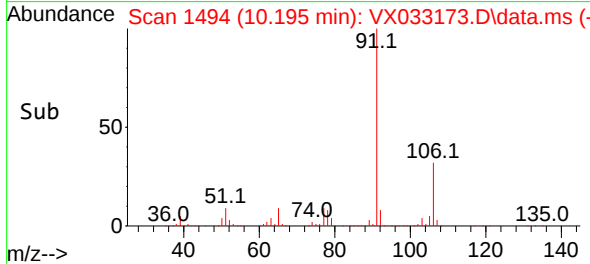
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



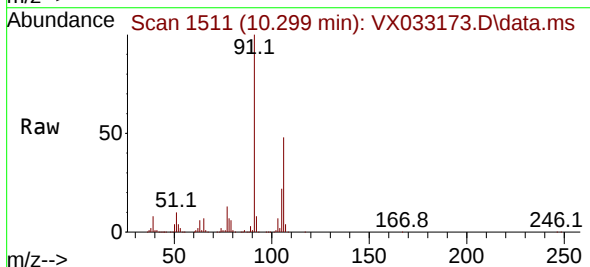
Tgt Ion: 91 Resp: 389270
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

Manual Integrations
APPROVED

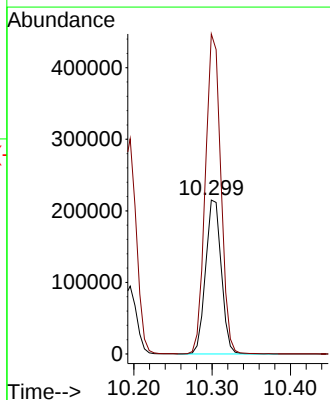
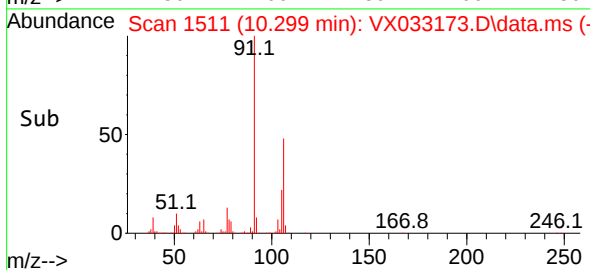
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

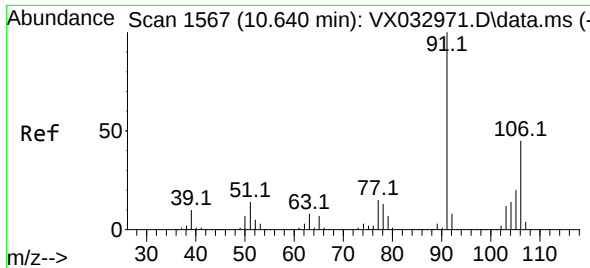


#68
m/p-Xylenes
Concen: 102.922 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion:106 Resp: 298349
Ion Ratio Lower Upper
106 100
91 205.3 164.5 246.7





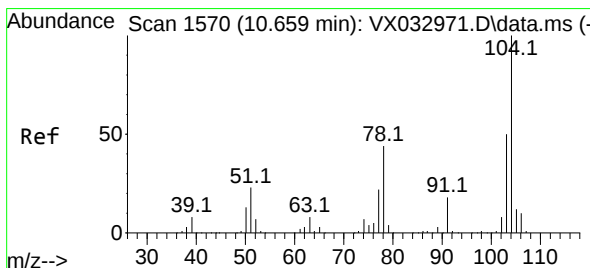
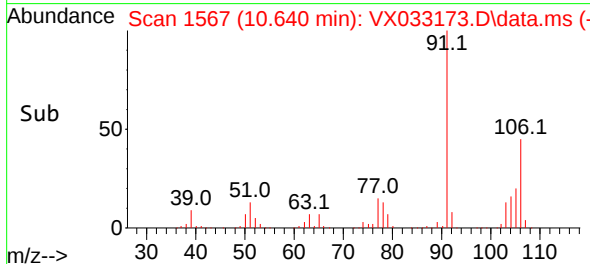
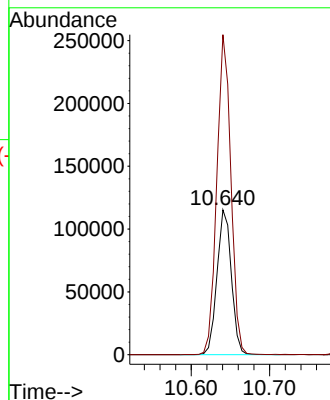
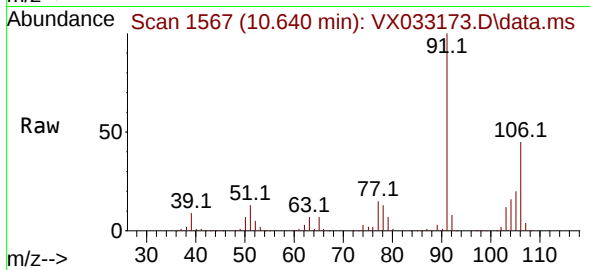
#69
o-Xylene
Concen: 52.352 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14683
Ion Ratio Lower Upper
106 100
91 216.8 109.2 327.6

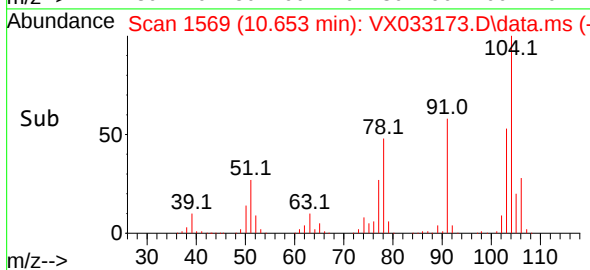
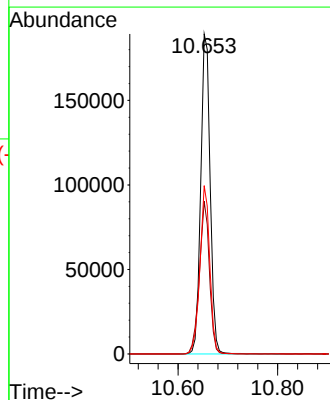
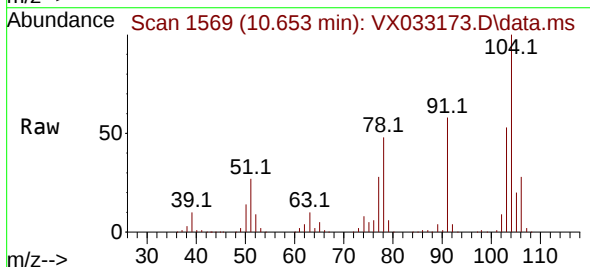
Manual Integrations
APPROVED

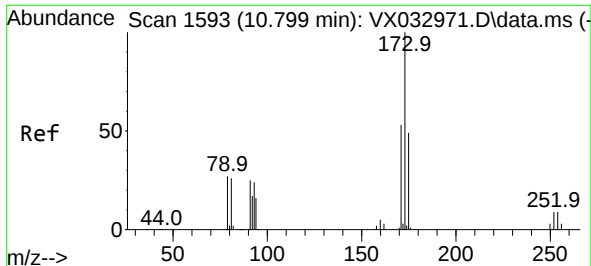
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#70
Styrene
Concen: 54.071 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

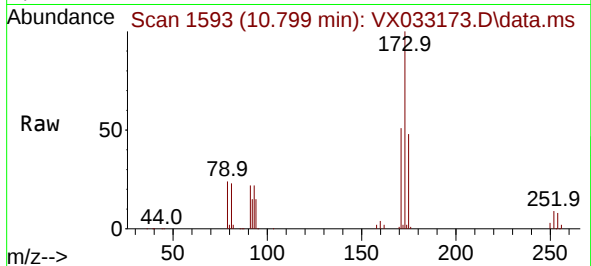
Tgt Ion:104 Resp: 248110
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.8
103 54.9 44.5 66.7





#71
Bromoform
Concen: 54.492 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

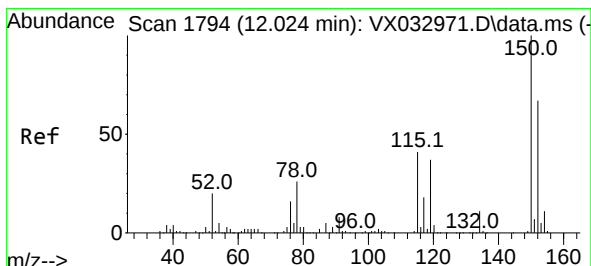
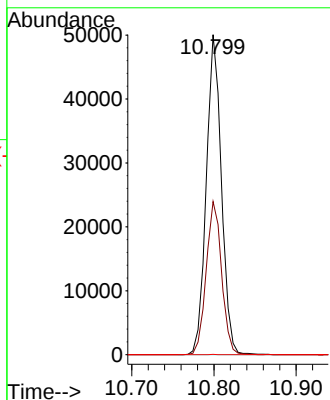
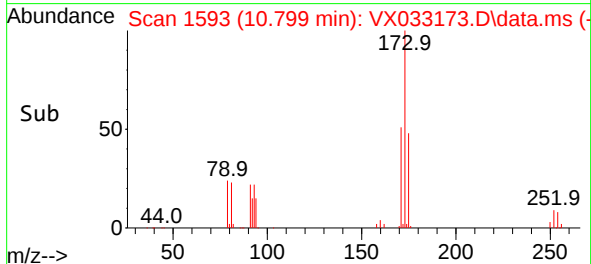
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



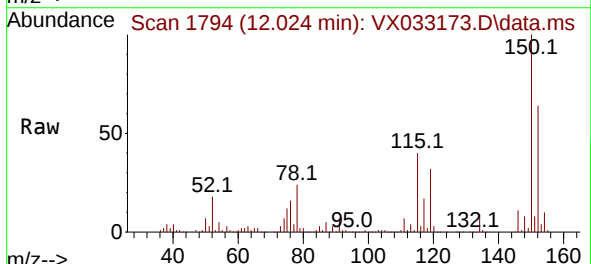
Tgt Ion:173 Resp: 6388
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

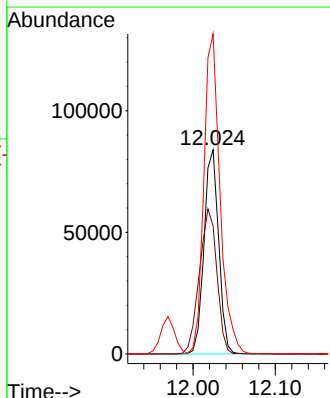
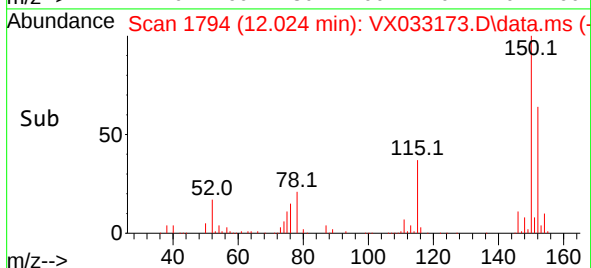
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

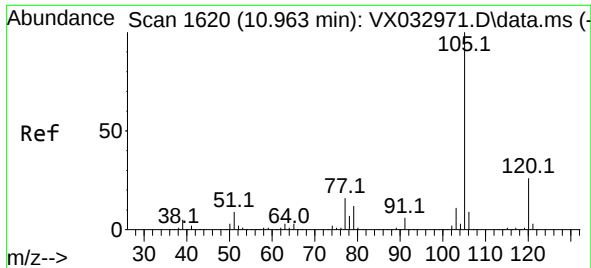


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



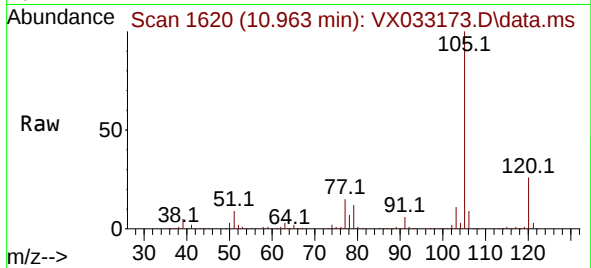
Tgt Ion:152 Resp: 103674
Ion Ratio Lower Upper
152 100
115 85.1 44.0 132.0
150 173.6 0.0 351.8





#73
Isopropylbenzene
Concen: 53.217 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

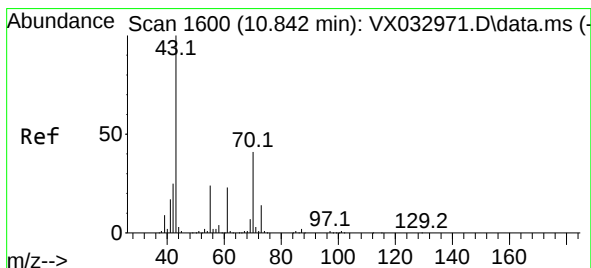
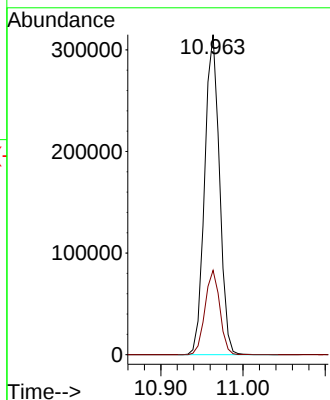
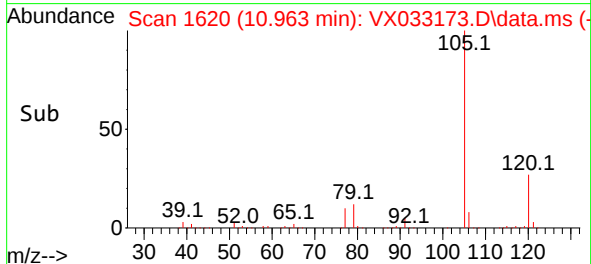
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



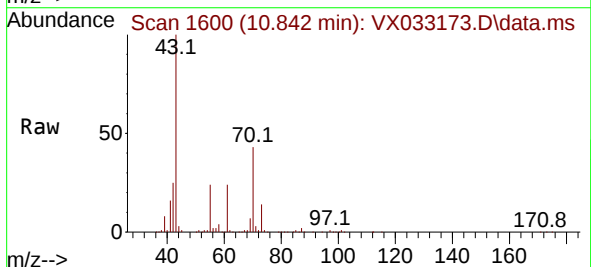
Tgt Ion:105 Resp: 394254
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

Manual Integrations
APPROVED

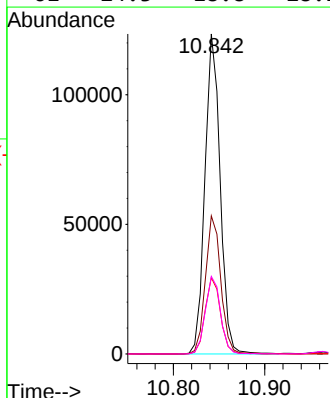
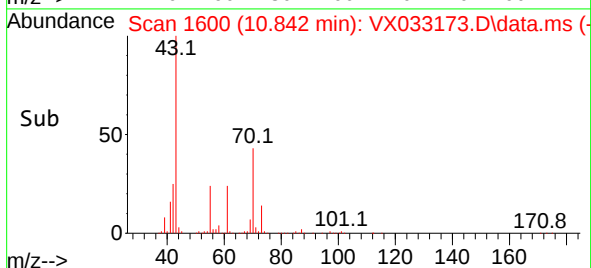
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

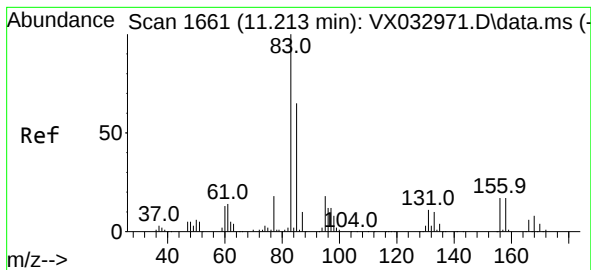


#74
N-ethyl acetate
Concen: 56.643 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion: 43 Resp: 142752
Ion Ratio Lower Upper
43 100
70 43.7 33.6 50.4
55 24.2 19.4 29.2
61 24.3 18.8 28.2





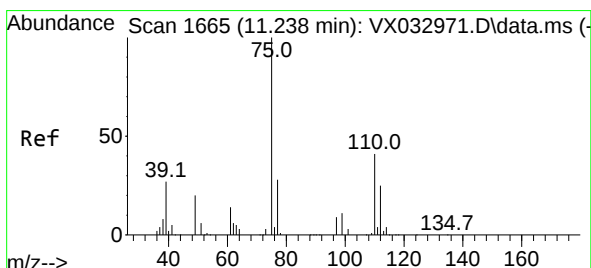
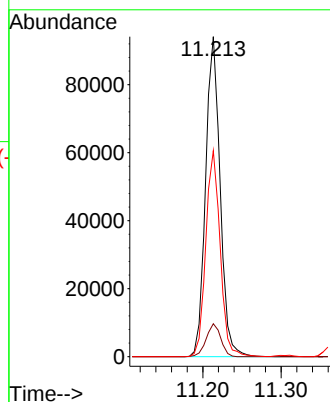
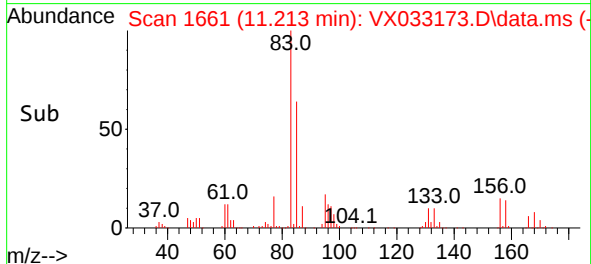
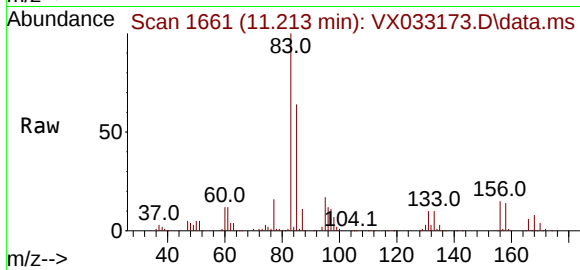
#75
1,1,2,2-Tetrachloroethane
Concen: 54.127 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12102
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 63.7 31.9 95.9

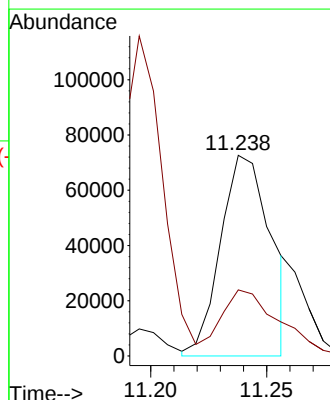
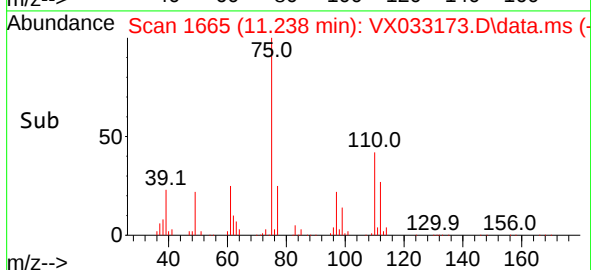
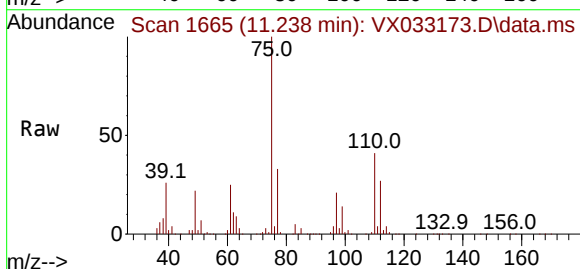
Manual Integrations
APPROVED

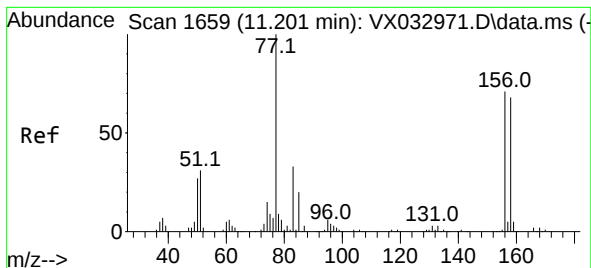
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#76
1,2,3-Trichloropropane
Concen: 55.672 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Tgt Ion: 75 Resp: 109308
Ion Ratio Lower Upper
75 100
77 38.6 20.0 60.0





#77

Bromobenzene

Concen: 52.588 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

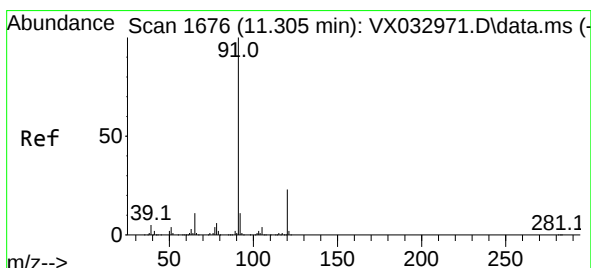
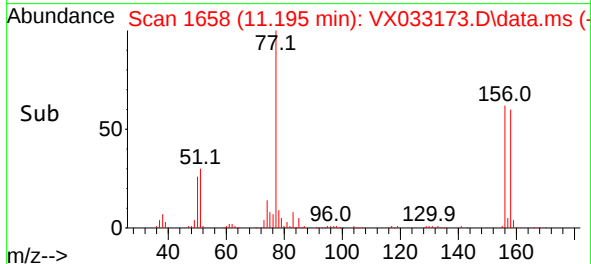
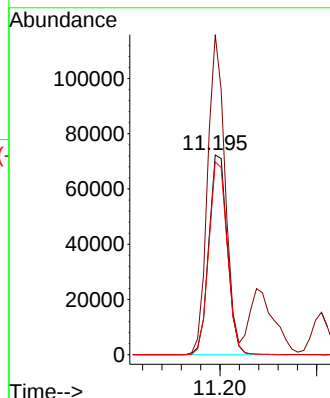
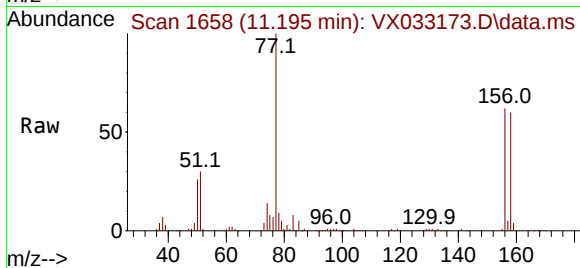
Tgt Ion:	156	Resp:	9581
Ion Ratio	Lower	Upper	
156	100		
77	151.2	76.1	228.4
158	96.6	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#78

n-propylbenzene

Concen: 53.280 ug/l

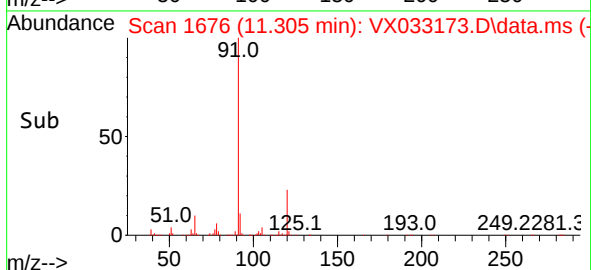
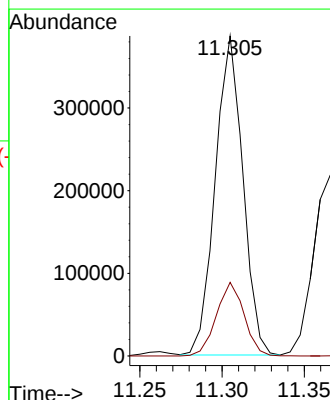
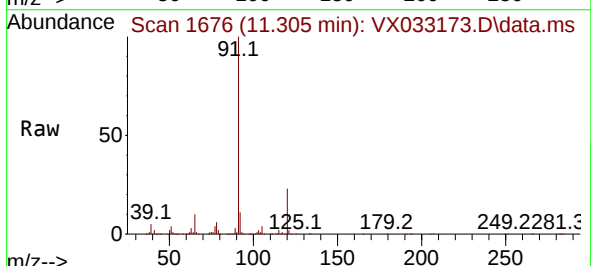
RT: 11.305 min Scan# 1676

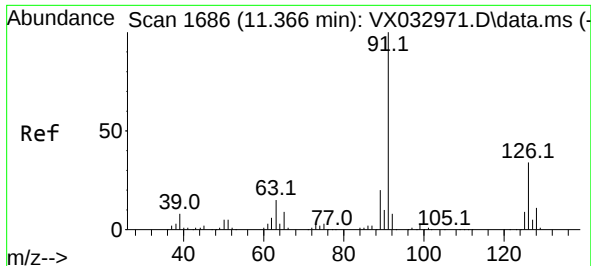
Delta R.T. -0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Tgt Ion:	91	Resp:	451302
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.6	34.8





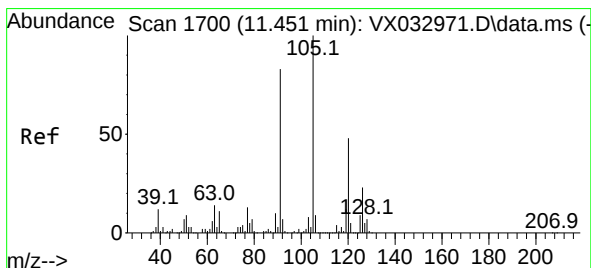
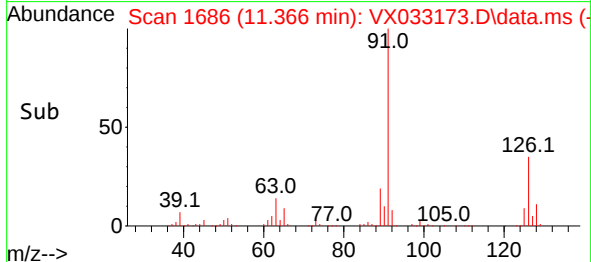
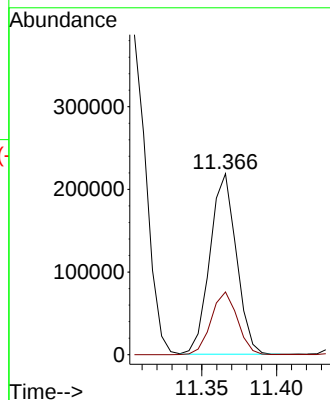
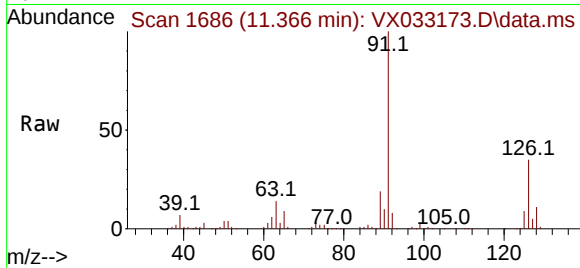
#79
2-Chlorotoluene
Concen: 52.185 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 26846
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

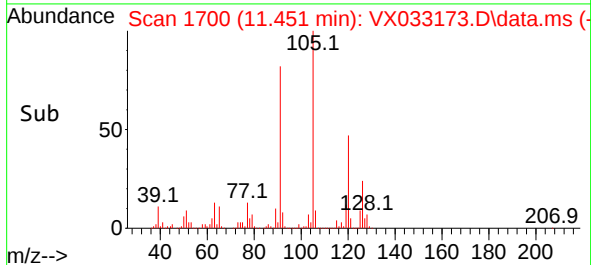
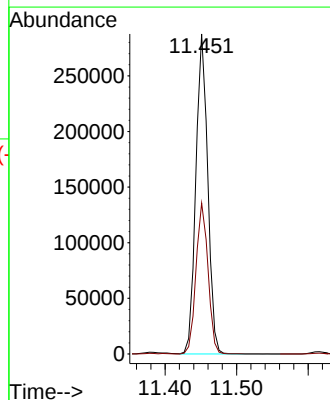
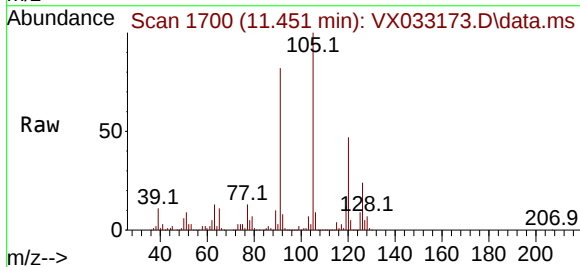
Manual Integrations
APPROVED

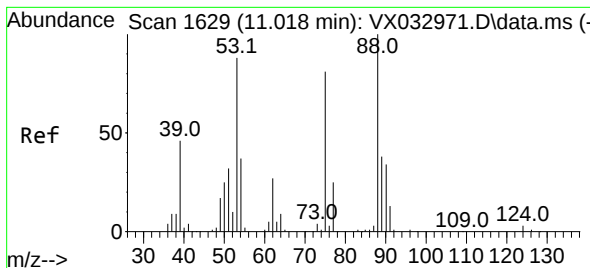
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.217 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Tgt Ion:105 Resp: 331203
Ion Ratio Lower Upper
105 100
120 47.7 23.6 71.0





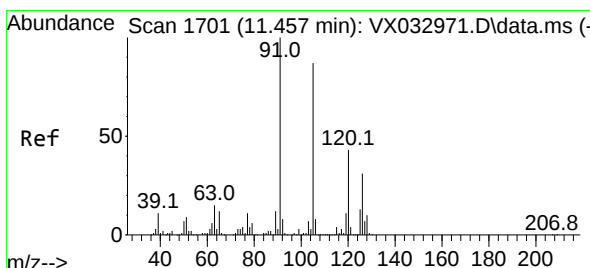
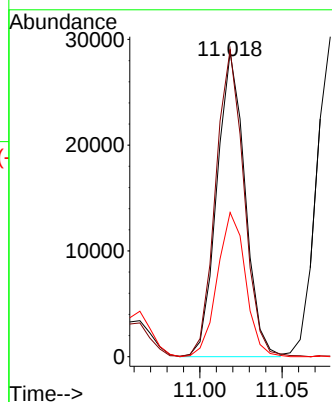
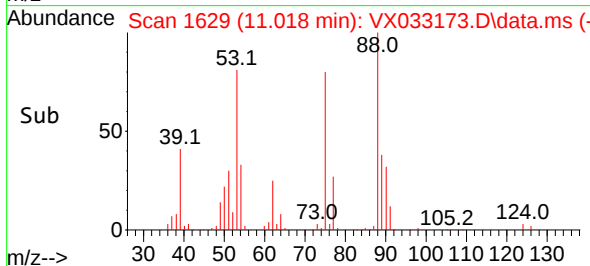
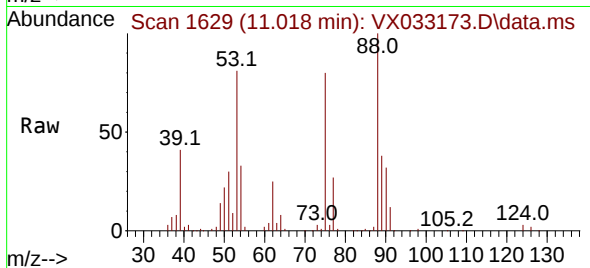
#81
trans-1,4-Dichloro-2-butene
Concen: 56.690 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3424
Ion Ratio Lower Upper
75 100
53 101.3 86.9 130.3
89 47.4 38.3 57.5

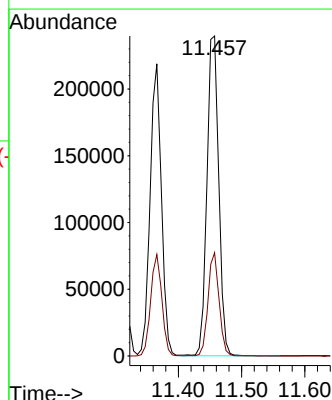
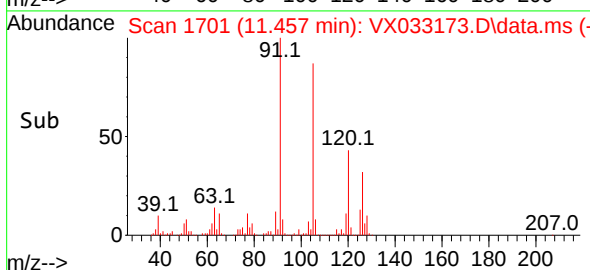
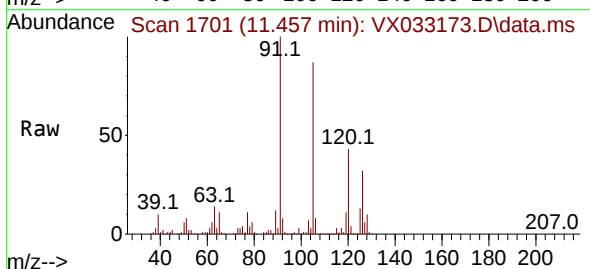
Manual Integrations
APPROVED

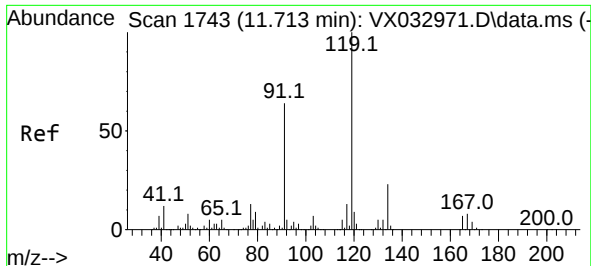
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#82
4-Chlorotoluene
Concen: 51.708 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

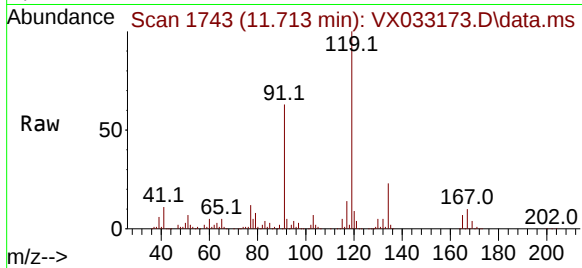
Tgt Ion: 91 Resp: 311730
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.4





#83
tert-Butylbenzene
Concen: 54.213 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

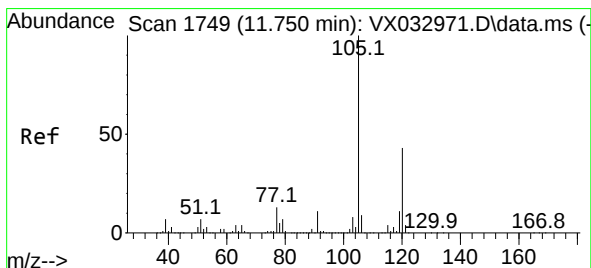
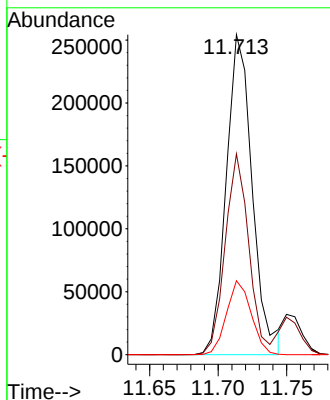
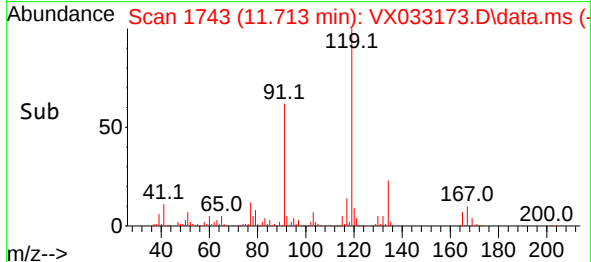
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



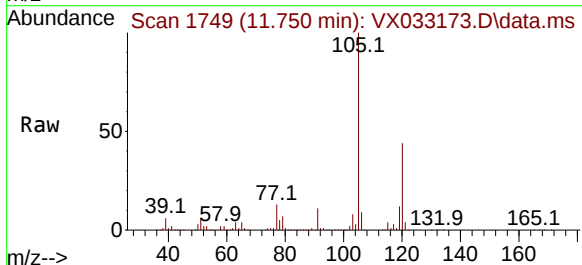
Tgt Ion:119 Resp: 33585
Ion Ratio Lower Upper
119 100
91 57.1 29.4 88.2
134 21.9 11.0 33.0

Manual Integrations
APPROVED

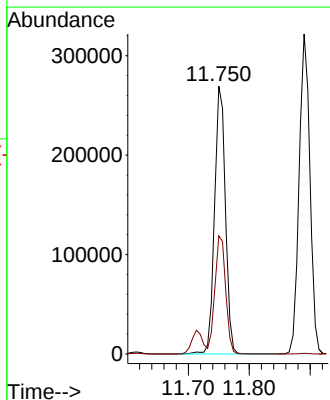
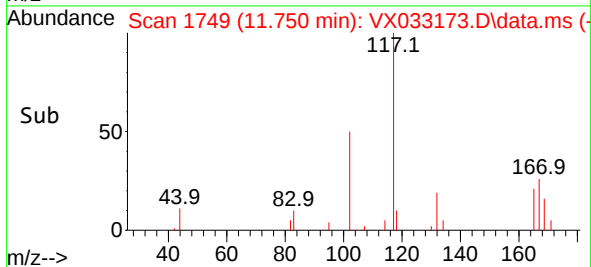
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

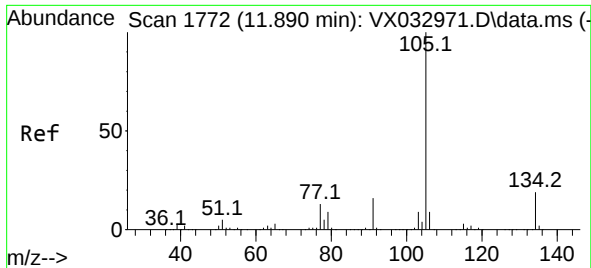


#84
1,2,4-Trimethylbenzene
Concen: 53.659 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion:105 Resp: 332991
Ion Ratio Lower Upper
105 100
120 43.7 21.9 65.5





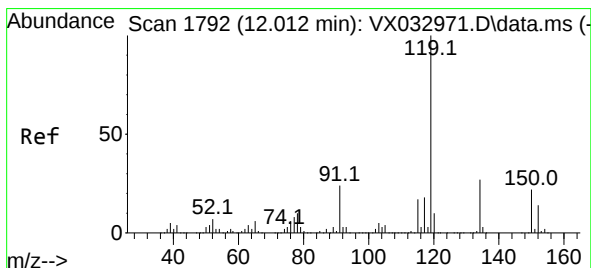
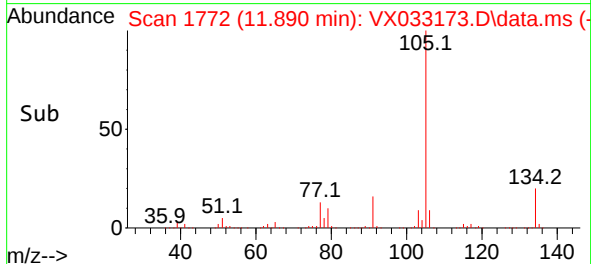
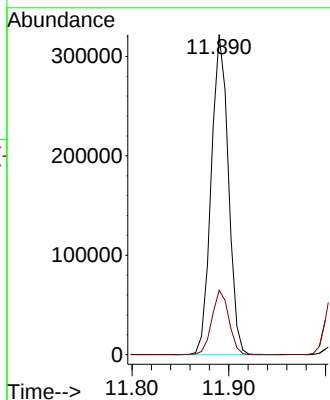
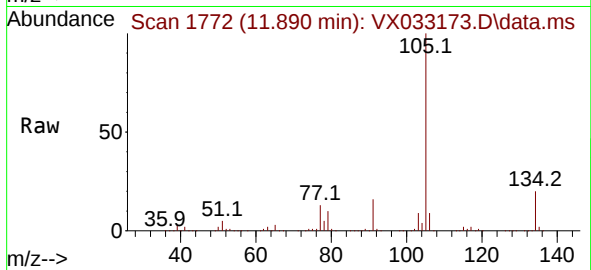
#85
 sec-Butylbenzene
 Concen: 53.406 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033173.D
 Acq: 01 Dec 2022 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 39582
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

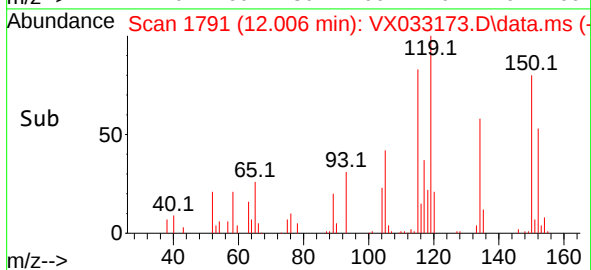
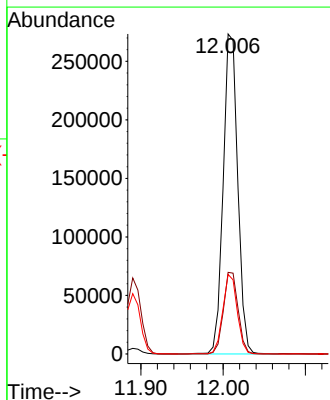
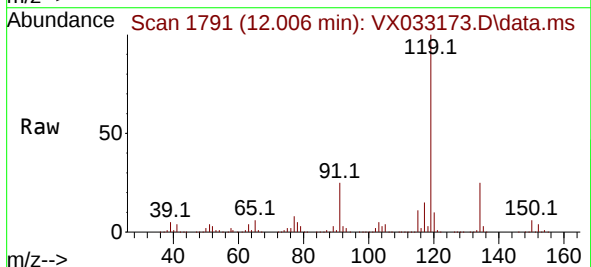
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#86
 p-Isopropyltoluene
 Concen: 53.686 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033173.D
 Acq: 01 Dec 2022 18:59

Tgt Ion:119 Resp: 337117
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 52.043 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 17785

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

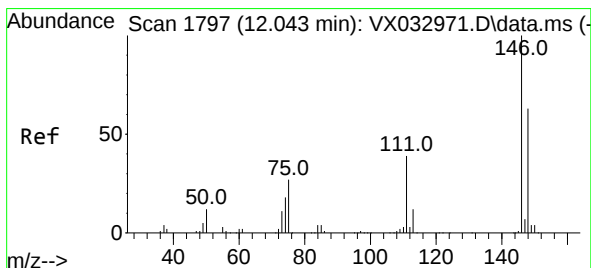
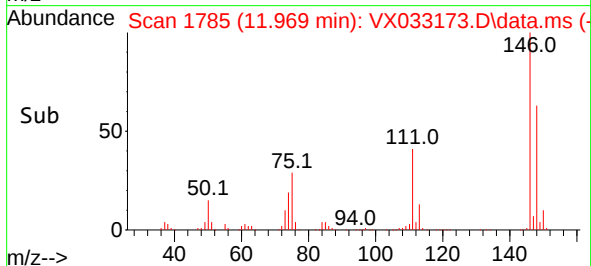
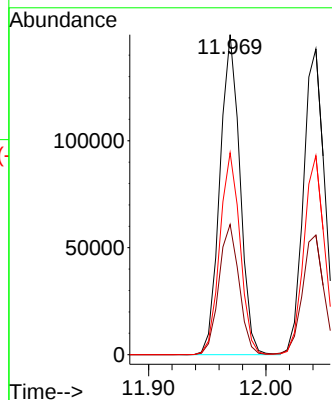
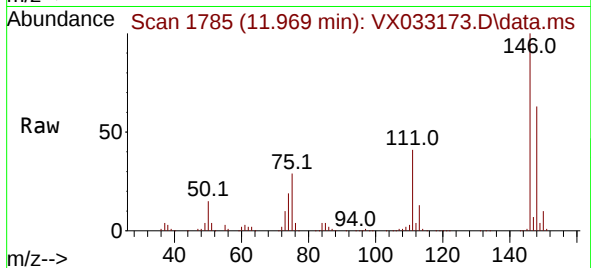
148 63.6 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#88

1,4-Dichlorobenzene

Concen: 51.071 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

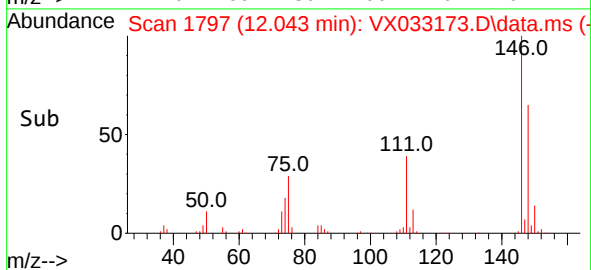
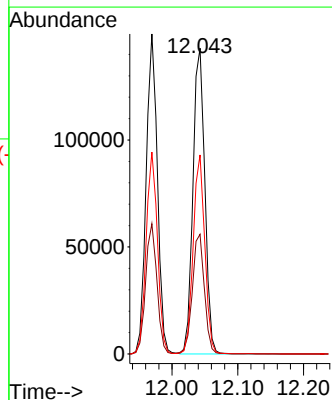
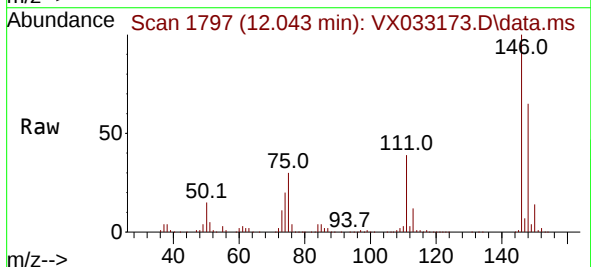
Tgt Ion:146 Resp: 178744

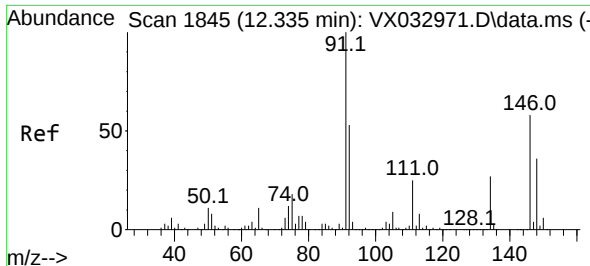
Ion Ratio Lower Upper

146 100

111 39.7 20.5 61.6

148 63.4 32.2 96.6





#89

n-Butylbenzene

Concen: 52.915 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 28625

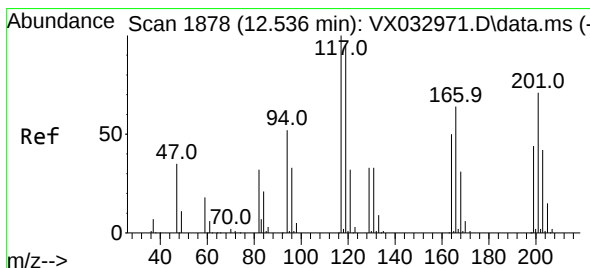
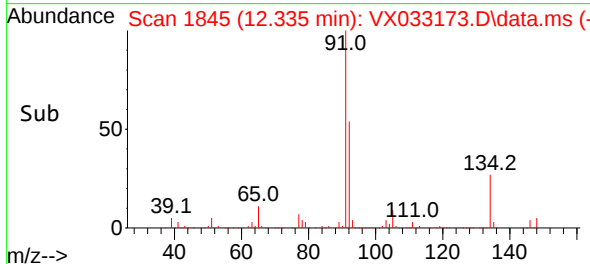
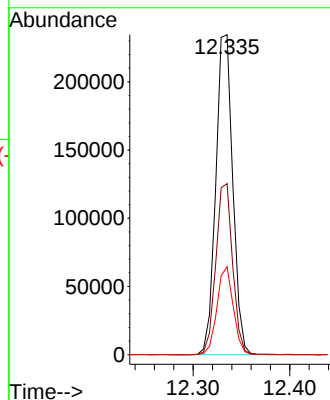
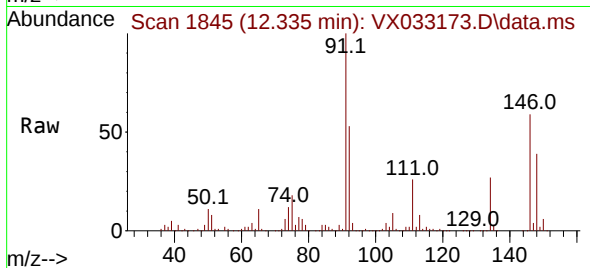
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.6
134	26.3	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#90

Hexachloroethane

Concen: 53.974 ug/l

RT: 12.536 min Scan# 1878

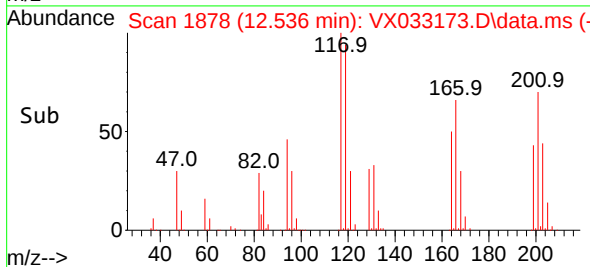
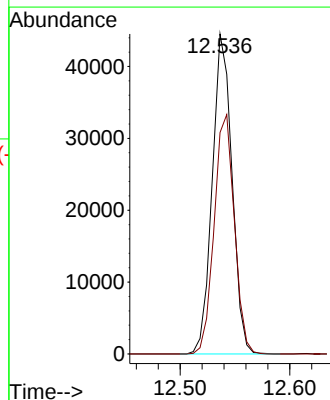
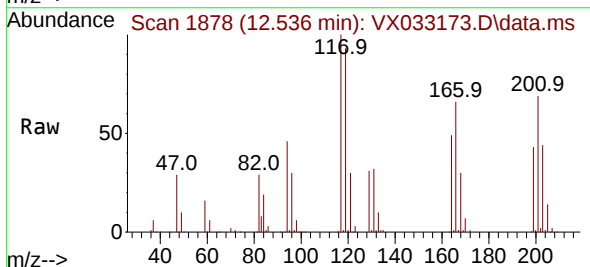
Delta R.T. -0.006 min

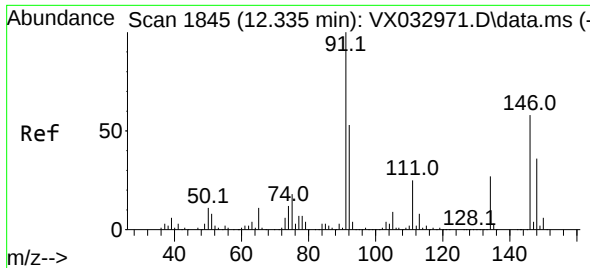
Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Tgt Ion:117 Resp: 55683

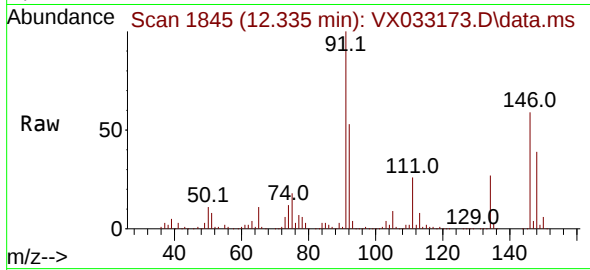
Ion	Ratio	Lower	Upper
117	100		
201	76.5	37.6	112.9





#91
1,2-Dichlorobenzene
Concen: 52.077 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

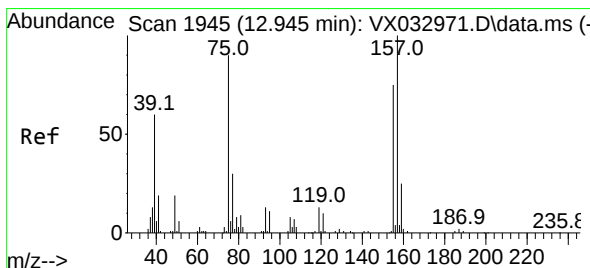
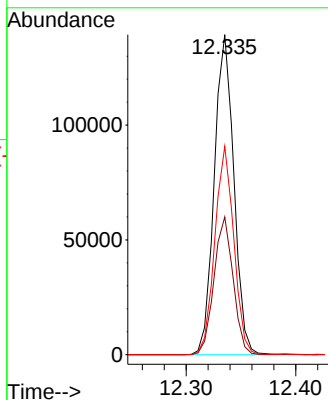
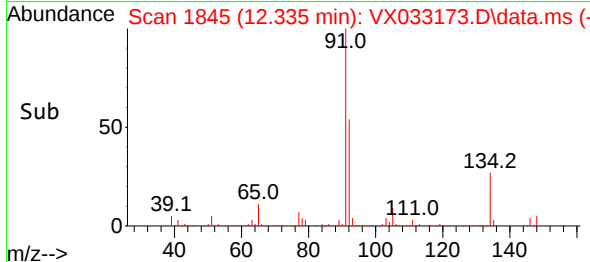
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



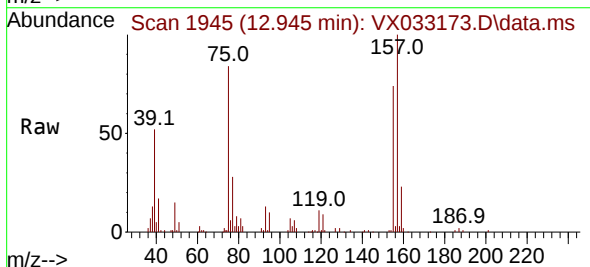
Tgt Ion:146 Resp: 17312
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 63.4 32.0 96.2

Manual Integrations
APPROVED

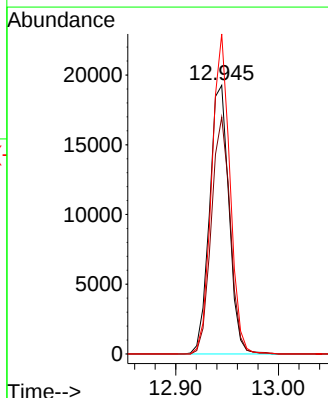
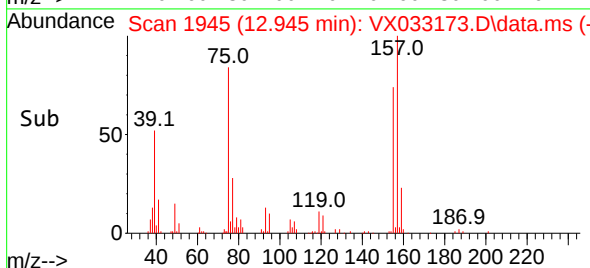
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

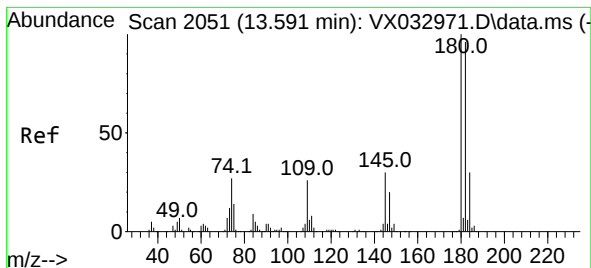


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.578 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion: 75 Resp: 25241
Ion Ratio Lower Upper
75 100
155 85.7 41.6 124.8
157 111.6 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 52.800 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

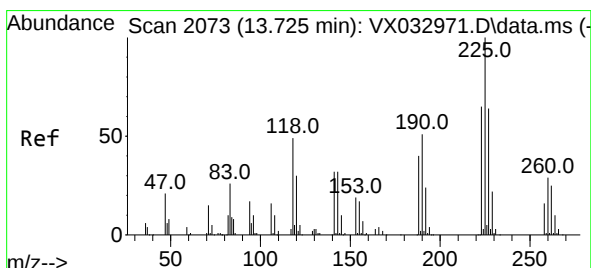
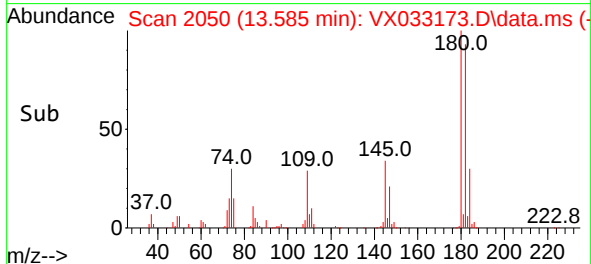
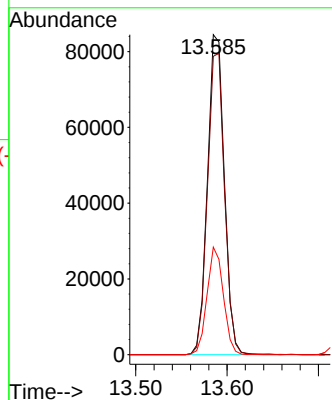
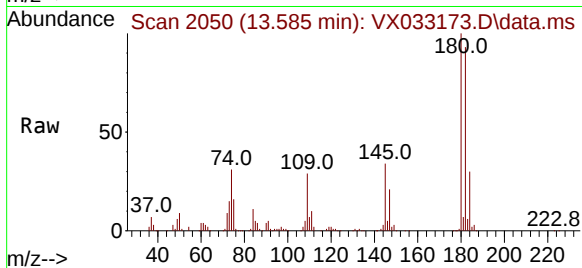
Tgt Ion:180	Resp: 108199
Ion Ratio	Lower Upper
180 100	
182 95.1	48.4 145.0
145 32.6	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#94

Hexachlorobutadiene

Concen: 49.859 ug/l

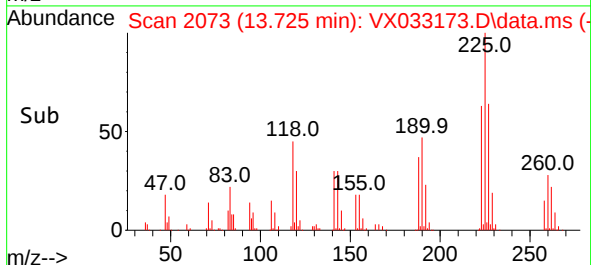
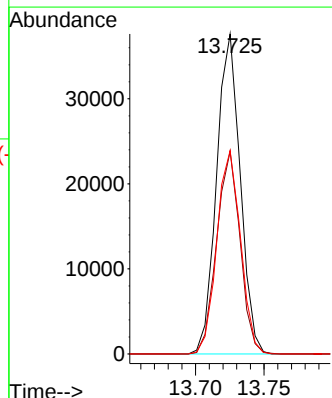
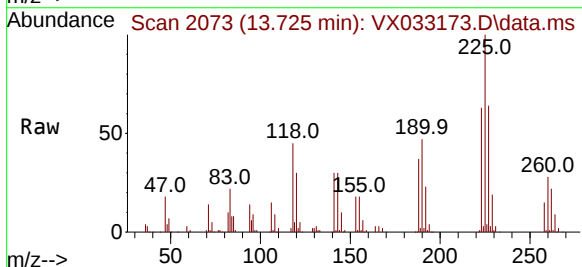
RT: 13.725 min Scan# 2073

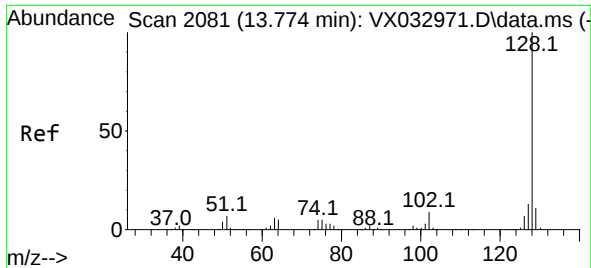
Delta R.T. 0.000 min

Lab File: VX033173.D

Acq: 01 Dec 2022 18:59

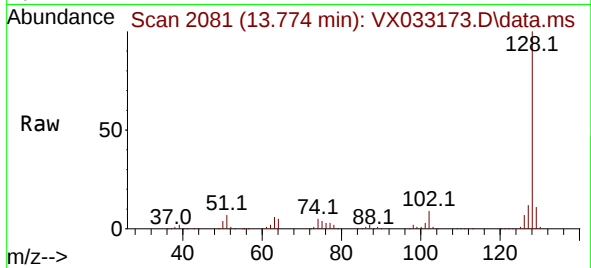
Tgt Ion:225	Resp: 45076
Ion Ratio	Lower Upper
225 100	
223 62.6	31.9 95.9
227 63.8	31.9 95.5





#95
Naphthalene
Concen: 54.844 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59

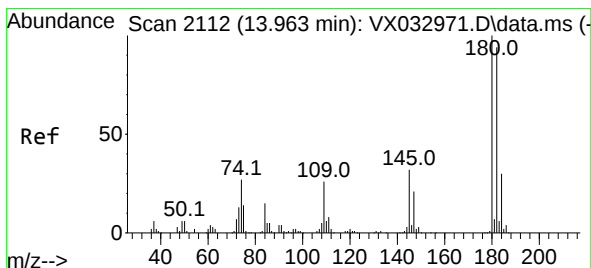
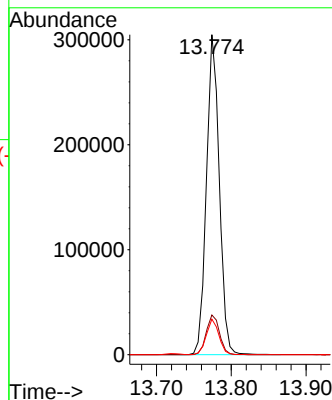
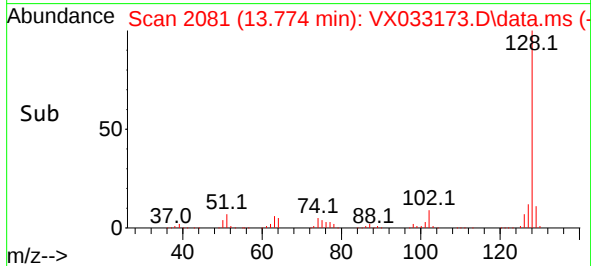
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



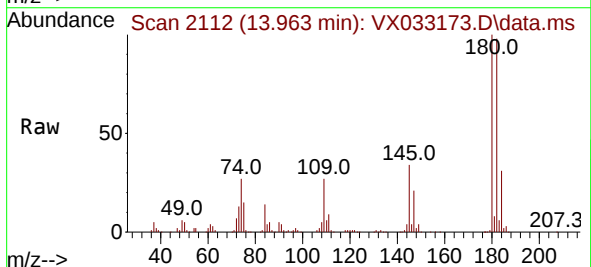
Tgt Ion:128 Resp: 363584
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.110 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033173.D
Acq: 01 Dec 2022 18:59



Tgt Ion:180 Resp: 109141
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 34.0 16.9 50.6

