

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033145.D
 Acq On : 30 Nov 2022 20:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2022
 Supervised By : Mahesh Dadoda 12/01/2022

Quant Time: Dec 01 00:26:00 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	140313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66079	48.075	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.391	113	57746	45.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.560%		
50) Toluene-d8	8.647	98	175218	45.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.940%#		
62) 4-Bromofluorobenzene	11.079	95	76434	45.626	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46648	43.516	ug/l	96
3) Chloromethane	1.295	50	51511	44.511	ug/l	99
4) Vinyl Chloride	1.374	62	59152	45.906	ug/l	98
5) Bromomethane	1.618	94	34331	35.930	ug/l	94
6) Chloroethane	1.691	64	47987	45.745	ug/l	100
7) Trichlorofluoromethane	1.886	101	121667	48.650	ug/l	100
8) Diethyl Ether	2.136	74	41928	53.252	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	65994	50.206	ug/l	99
10) Methyl Iodide	2.453	142	55789	37.075	ug/l	100
11) Tert butyl alcohol	3.014	59	62926m	290.507	ug/l	
12) 1,1-Dichloroethene	2.319	96	61909	50.560	ug/l	92
13) Acrolein	2.239	56	74753	300.447	ug/l	98
14) Allyl chloride	2.666	41	99337	50.250	ug/l	98
15) Acrylonitrile	3.069	53	163813	267.376	ug/l	98
16) Acetone	2.398	43	139077	217.937	ug/l	100
17) Carbon Disulfide	2.514	76	142471	42.115	ug/l	98
18) Methyl Acetate	2.709	43	94667	53.590	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	228921	53.908	ug/l	99
20) Methylene Chloride	2.788	84	69560	52.449	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	68388	48.825	ug/l	99
22) Diisopropyl ether	3.764	45	230294	53.501	ug/l	99
23) Vinyl Acetate	3.721	43	897777	266.448	ug/l	99
24) 1,1-Dichloroethane	3.611	63	126864	51.503	ug/l	100
25) 2-Butanone	4.568	43	221505	251.722	ug/l	100
26) 2,2-Dichloropropane	4.477	77	98192	49.577	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	82830	52.048	ug/l	99
28) Bromochloromethane	4.898	49	54668	50.509	ug/l	98
29) Tetrahydrofuran	5.013	42	145686	260.913	ug/l	99
30) Chloroform	5.099	83	144520	52.385	ug/l	99
31) Cyclohexane	5.471	56	108691	49.091	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	129813	52.542	ug/l	99
36) 1,1-Dichloropropene	5.696	75	99438	48.764	ug/l	100
37) Ethyl Acetate	4.721	43	92923	52.232	ug/l	99
38) Carbon Tetrachloride	5.678	117	112720	49.830	ug/l	97
39) Methylcyclohexane	7.379	83	110565	47.521	ug/l	99
40) Benzene	6.044	78	285813	49.991	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53840	53.785	ug/l	97
42) 1,2-Dichloroethane	6.092	62	116628	50.664	ug/l	99
43) Isopropyl Acetate	6.342	43	155478	52.844	ug/l	98
44) Trichloroethene	7.123	130	80099	49.927	ug/l	99
45) 1,2-Dichloropropane	7.428	63	73975	52.356	ug/l	99
46) Dibromomethane	7.580	93	55694	50.517	ug/l	100
47) Bromodichloromethane	7.824	83	111115	52.159	ug/l	98
48) Methyl methacrylate	7.696	41	79473	52.476	ug/l	99
49) 1,4-Dioxane	7.726	88	33226	1191.845	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	483072	266.079	ug/l	98
52) Toluene	8.720	92	192239	51.108	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	112773	49.290	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	120942	52.662	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	78728	51.409	ug/l	99
56) Ethyl methacrylate	9.116	69	116905	55.406	ug/l	96
57) 1,3-Dichloropropane	9.311	76	128042	51.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	271466	270.938	ug/l	99
59) 2-Hexanone	9.433	43	355065	264.746	ug/l	98
60) Dibromochloromethane	9.525	129	88075	53.419	ug/l	100
61) 1,2-Dibromoethane	9.610	107	84220	52.104	ug/l	99
64) Tetrachloroethene	9.275	164	69044	47.205	ug/l	98
65) Chlorobenzene	10.080	112	208283	50.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	80654	53.431	ug/l	99
67) Ethyl Benzene	10.195	91	384746	52.648	ug/l	100
68) m/p-Xylenes	10.305	106	294329	102.851	ug/l	99
69) o-Xylene	10.640	106	144198	52.078	ug/l	98
70) Styrene	10.653	104	239802	52.938	ug/l	99
71) Bromoform	10.799	173	61600	53.225	ug/l #	98
73) Isopropylbenzene	10.964	105	385911	51.167	ug/l	99
74) N-amyl acetate	10.842	43	139971	54.555	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	116660	51.249	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	104153m	52.106	ug/l	
77) Bromobenzene	11.195	156	94073	50.716	ug/l	100
78) n-propylbenzene	11.305	91	442193	51.279	ug/l	99
79) 2-Chlorotoluene	11.366	91	264727	50.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	323444	51.049	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28607	46.520	ug/l	99
82) 4-Chlorotoluene	11.457	91	307610	50.120	ug/l	99
83) tert-Butylbenzene	11.713	119	327055	51.857	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	324833	51.417	ug/l	100
85) sec-Butylbenzene	11.890	105	388823	51.532	ug/l	99
86) p-Isopropyltoluene	12.012	119	330491	51.698	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	173525	49.877	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	174840	49.070	ug/l	99
89) n-Butylbenzene	12.335	91	278530	50.575	ug/l	99
90) Hexachloroethane	12.536	117	52092	49.598	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	170532	50.388	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24224	53.336	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	105261	50.456	ug/l	98
94) Hexachlorobutadiene	13.725	225	42174	45.822	ug/l	99
95) Naphthalene	13.774	128	361091	53.503	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	105903	50.621	ug/l	99

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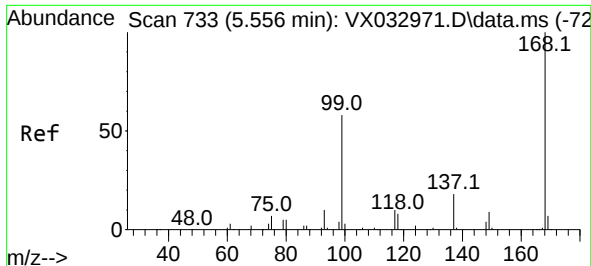
Manual Integrations
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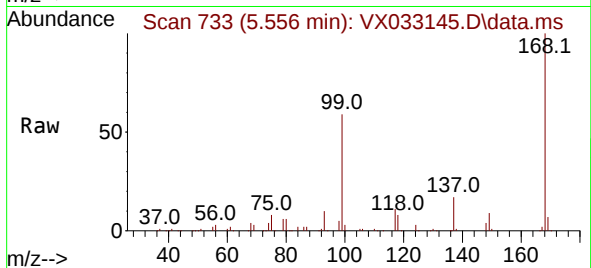
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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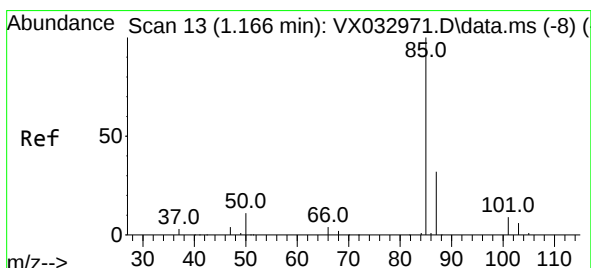
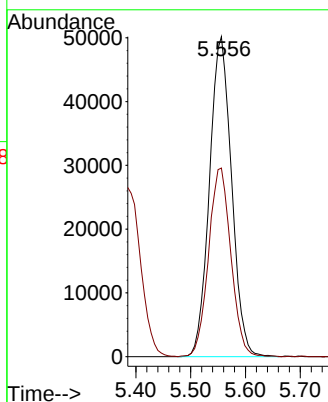
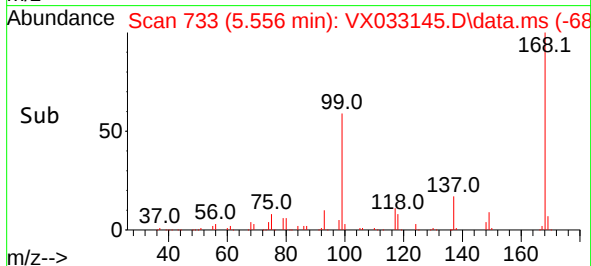
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 14031
Ion Ratio Lower Upper
168 100
99 59.0 46.1 69.1

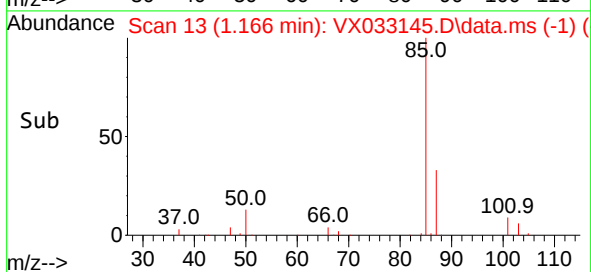
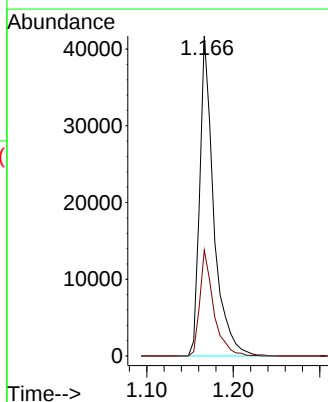
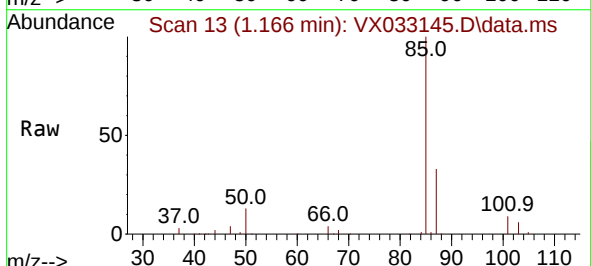
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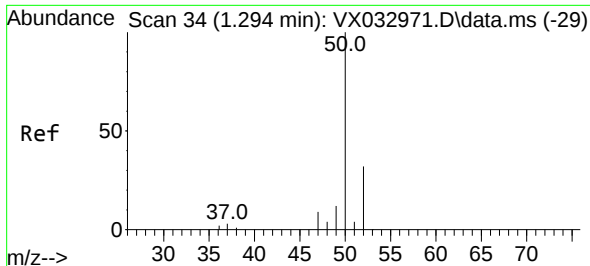
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#2
Dichlorodifluoromethane
Concen: 43.516 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion: 85 Resp: 46648
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.7





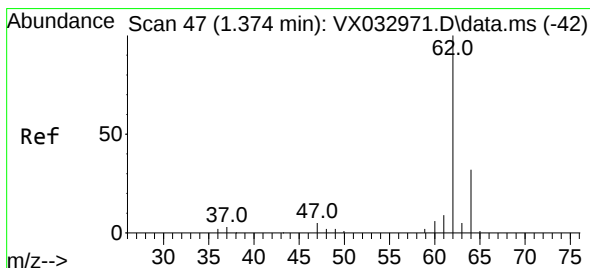
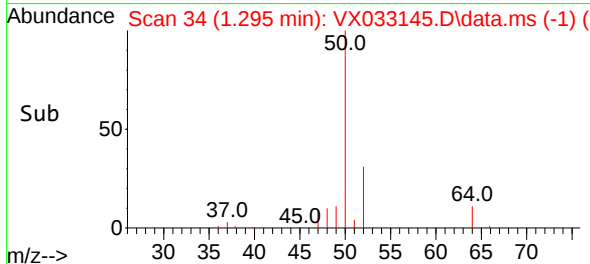
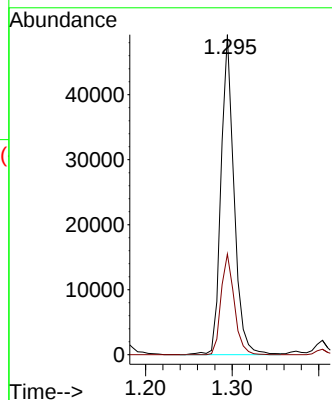
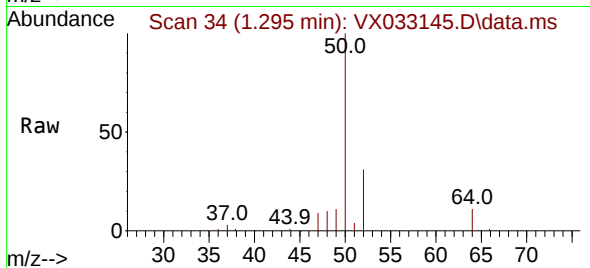
#3
Chloromethane
Concen: 44.511 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Instrument :
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Tgt Ion: 50 Resp: 5151
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

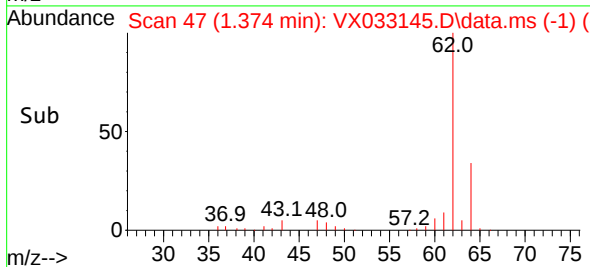
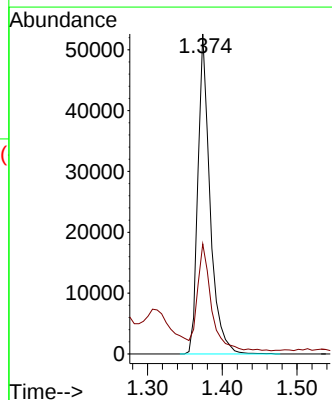
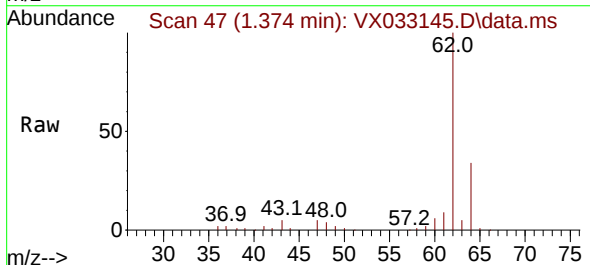
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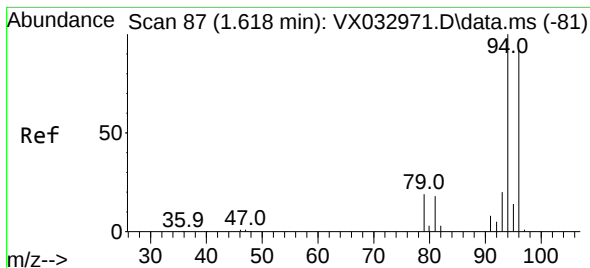
Reviewed By :John Carlone 12/01/2022
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#4
Vinyl Chloride
Concen: 45.906 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion: 62 Resp: 59152
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.6





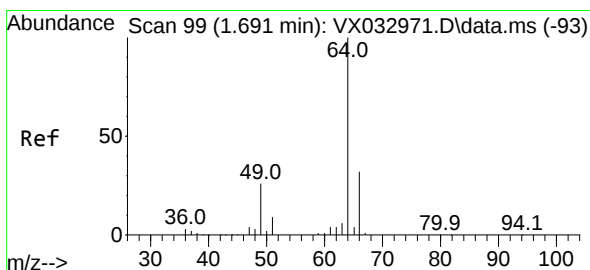
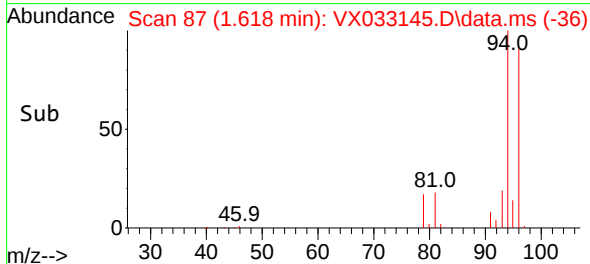
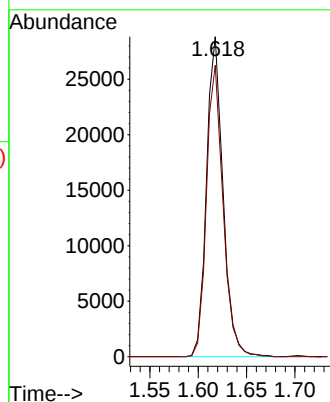
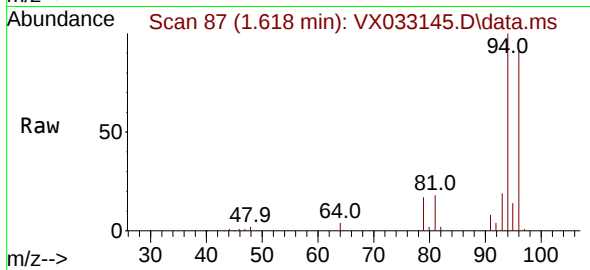
#5
Bromomethane
Concen: 35.930 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Instrument :
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Tgt Ion: 94 Resp: 3433
Ion Ratio Lower Upper
94 100
96 91.0 77.6 116.4

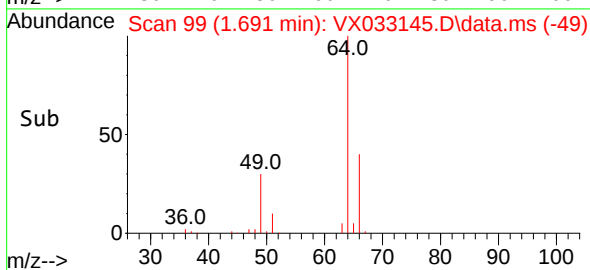
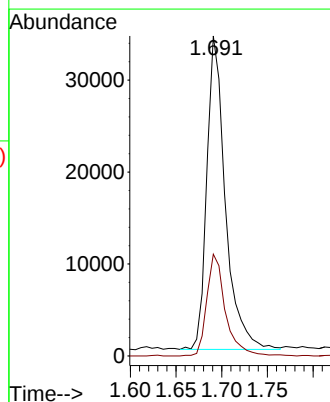
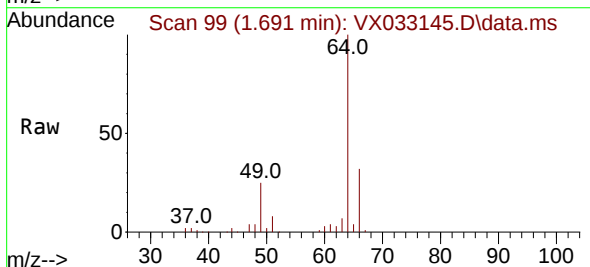
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#6
Chloroethane
Concen: 45.745 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

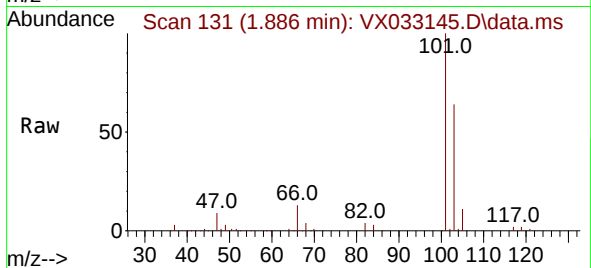
Tgt Ion: 64 Resp: 47987
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0





#7
Trichlorofluoromethane
Concen: 48.650 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033145.D
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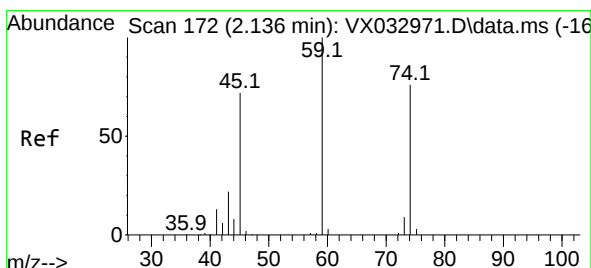
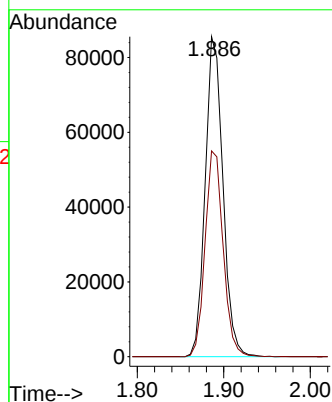
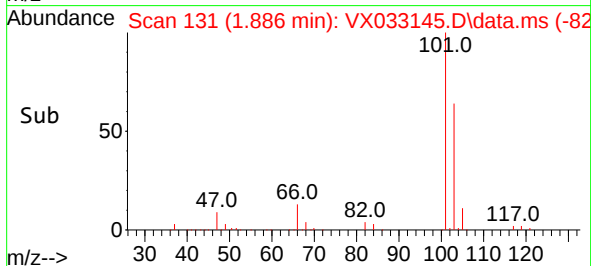
Instrument :
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Tgt Ion:101 Resp: 12166
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

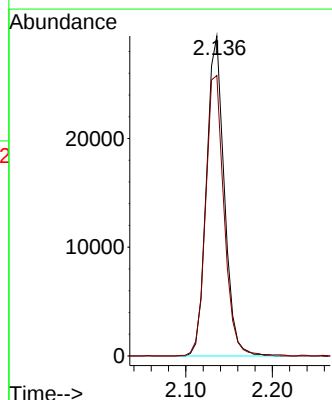
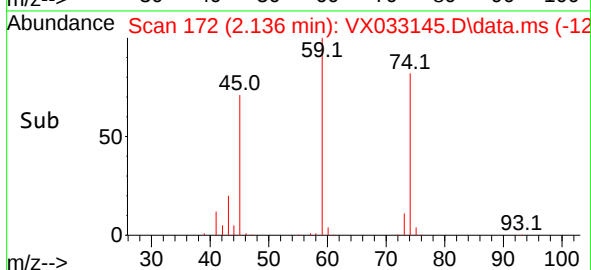
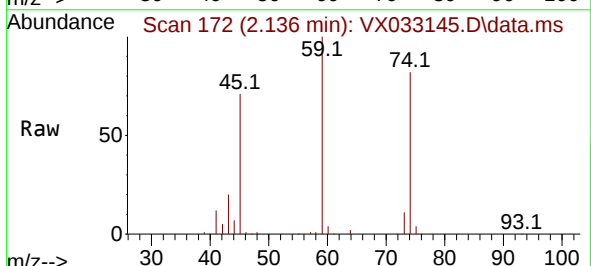
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#8
Diethyl Ether
Concen: 53.252 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion: 74 Resp: 41928
Ion Ratio Lower Upper
74 100
45 90.7 46.6 139.7





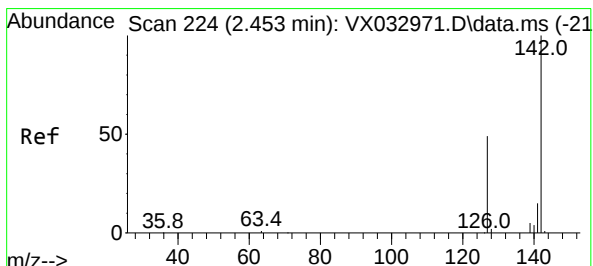
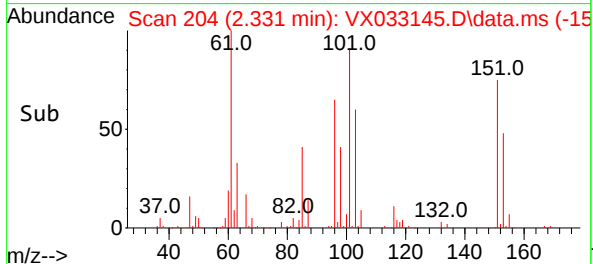
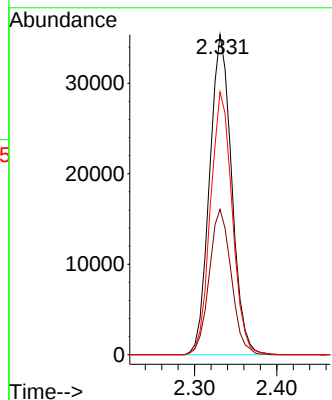
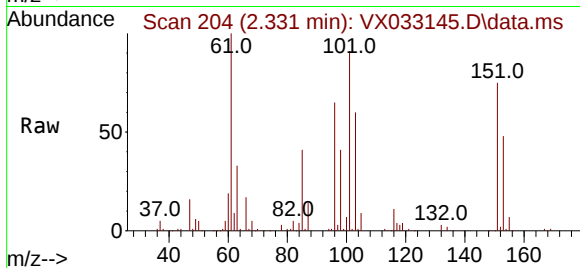
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.206 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

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Tgt Ion:101 Resp: 65994
Ion Ratio Lower Upper
101 100
85 45.3 37.0 55.4
151 81.0 64.4 96.6

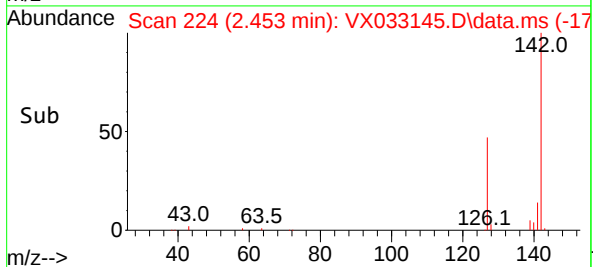
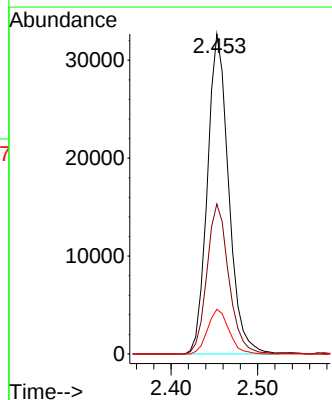
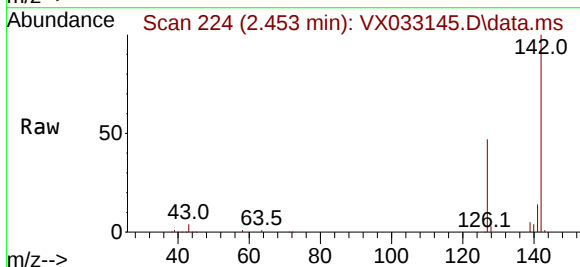
Manual Integrations
APPROVED

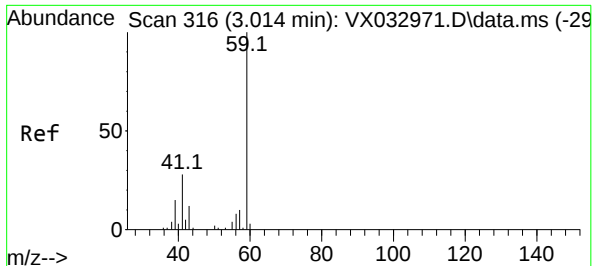
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#10
Methyl Iodide
Concen: 37.075 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

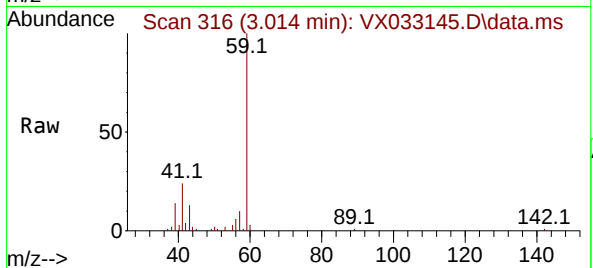
Tgt Ion:142 Resp: 55789
Ion Ratio Lower Upper
142 100
127 48.3 38.6 57.8
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 290.507 ug/l m
RT: 3.014 min Scan# 316
Delta R.T. 0.049 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

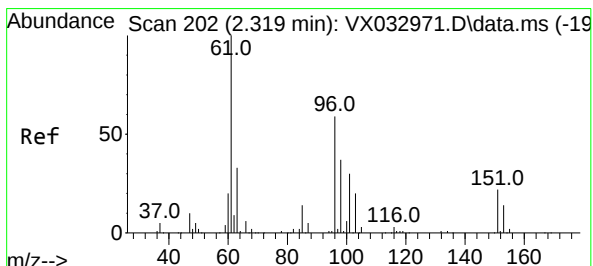
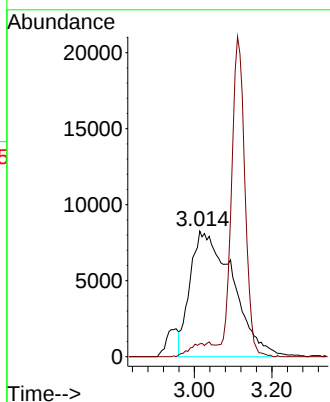
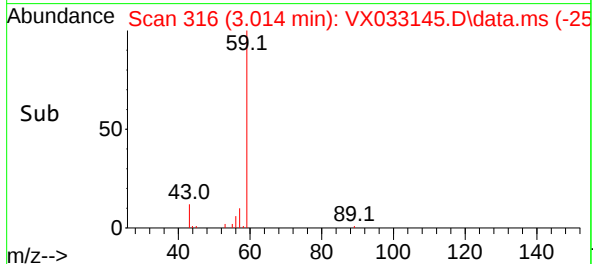
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



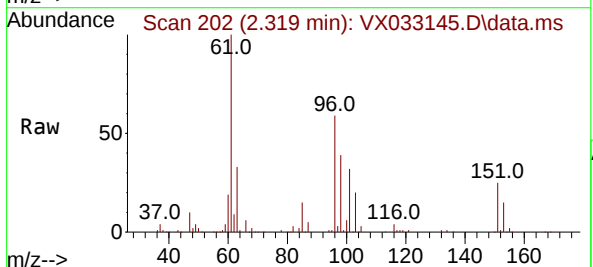
Tgt Ion: 59 Resp: 62920
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

Manual Integrations
APPROVED

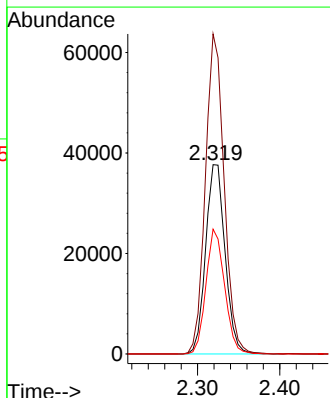
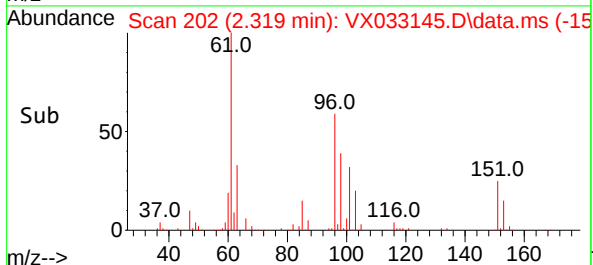
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

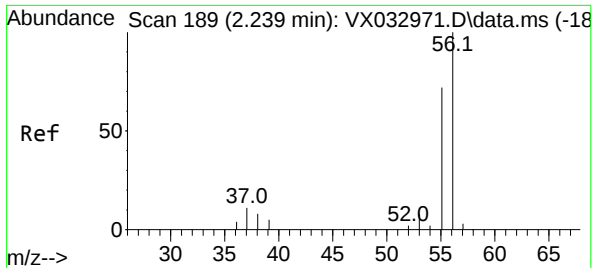


#12
1,1-Dichloroethene
Concen: 50.560 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



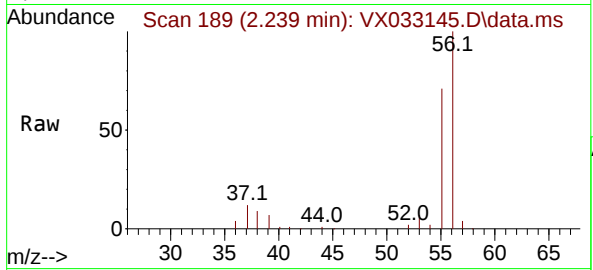
Tgt Ion: 96 Resp: 61909
Ion Ratio Lower Upper
96 100
61 169.0 125.1 187.7
98 65.9 50.6 76.0





#13
Acrolein
Concen: 300.447 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

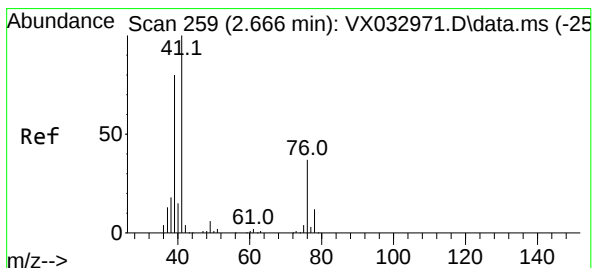
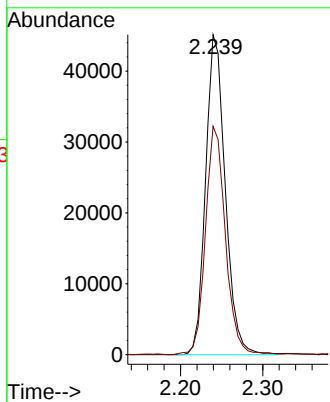
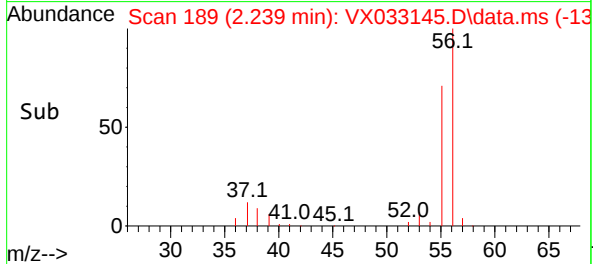
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7475
Ion Ratio Lower Upper
56 100
55 72.7 56.9 85.3

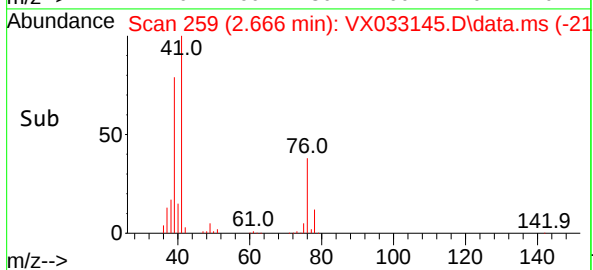
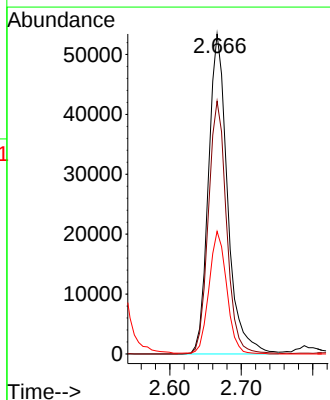
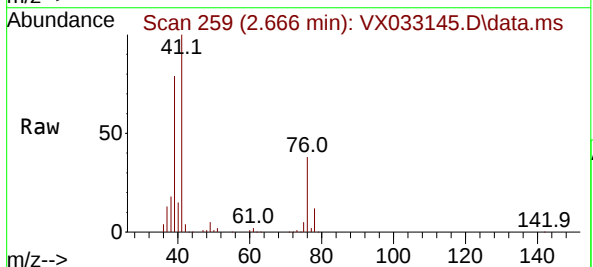
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#14
Allyl chloride
Concen: 50.250 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

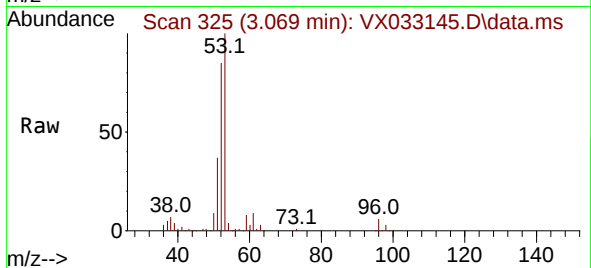
Tgt Ion: 41 Resp: 99337
Ion Ratio Lower Upper
41 100
39 75.1 61.4 92.2
76 35.5 29.2 43.8





#15
Acrylonitrile
Concen: 267.376 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

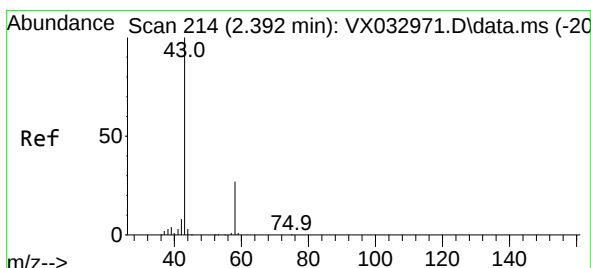
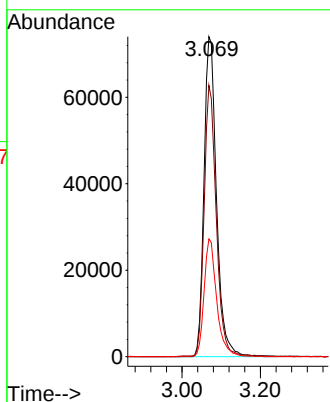
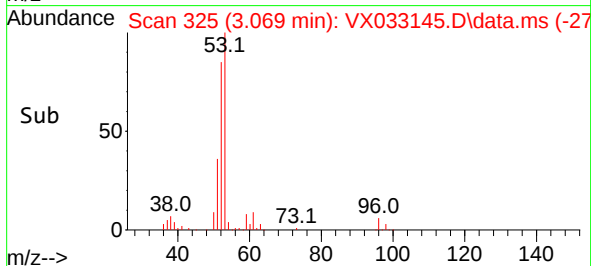
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



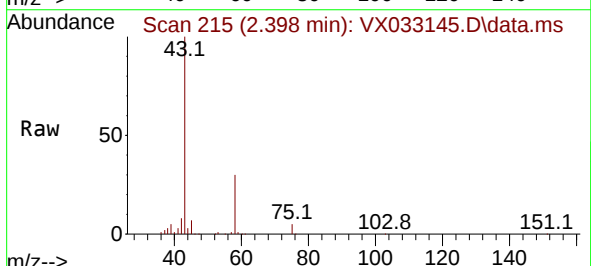
Tgt Ion: 53 Resp: 16381
Ion Ratio Lower Upper
53 100
52 82.1 67.4 101.0
51 37.2 30.3 45.5

Manual Integrations
APPROVED

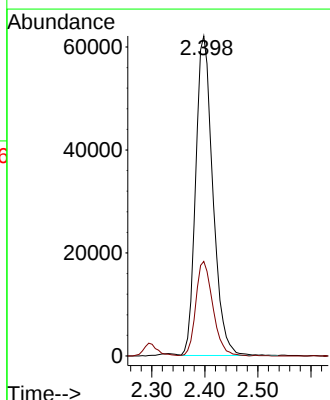
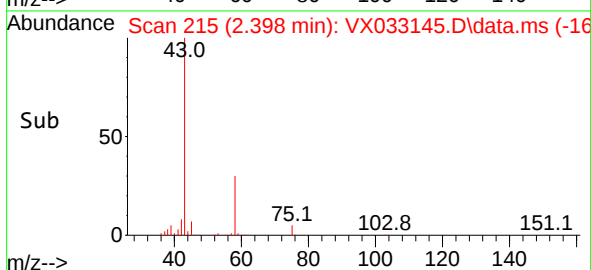
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

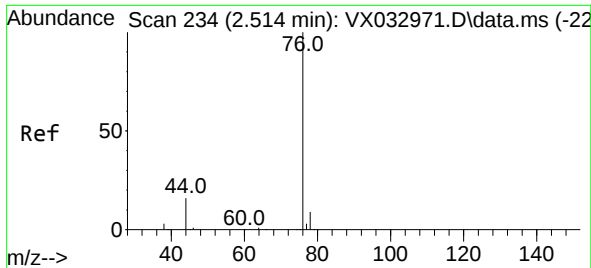


#16
Acetone
Concen: 217.937 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



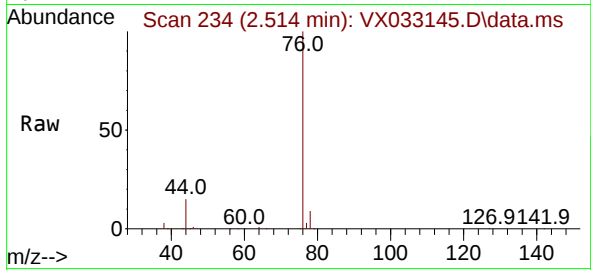
Tgt Ion: 43 Resp: 139077
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8





#17
Carbon Disulfide
Concen: 42.115 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

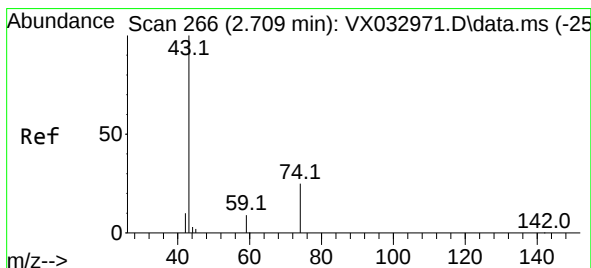
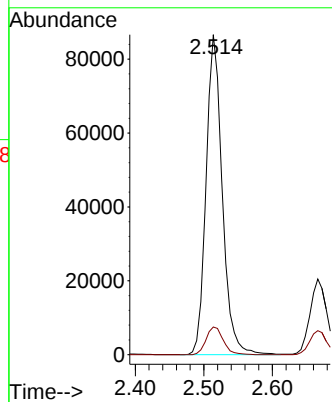
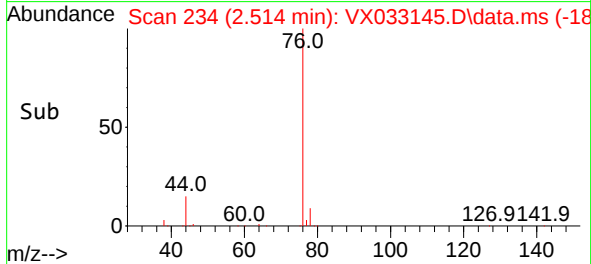
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 14247
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

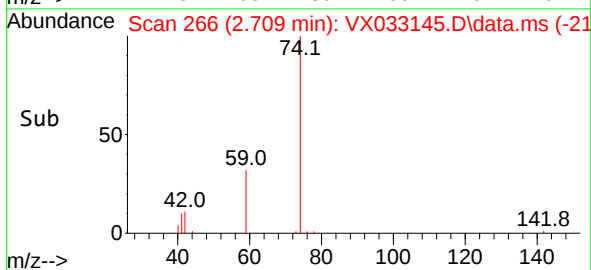
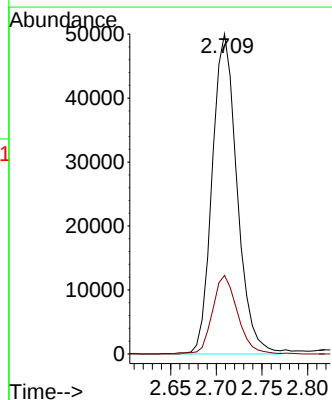
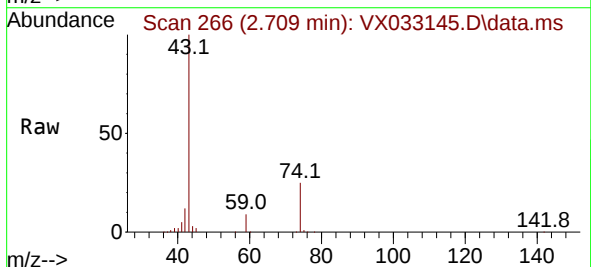
Manual Integrations
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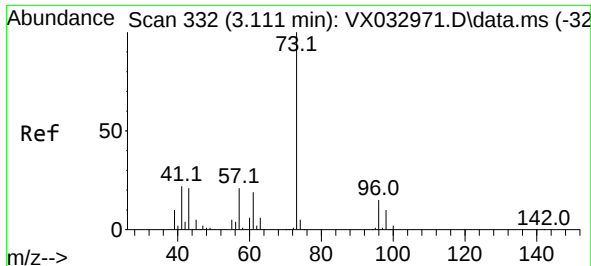
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#18
Methyl Acetate
Concen: 53.590 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

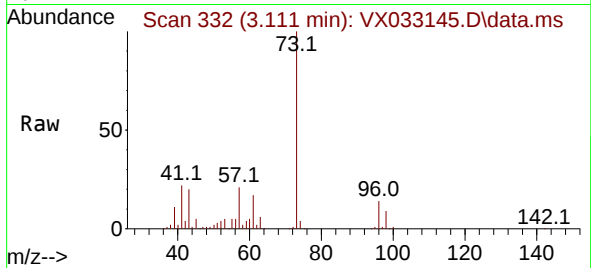
Tgt Ion: 43 Resp: 94667
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 53.908 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

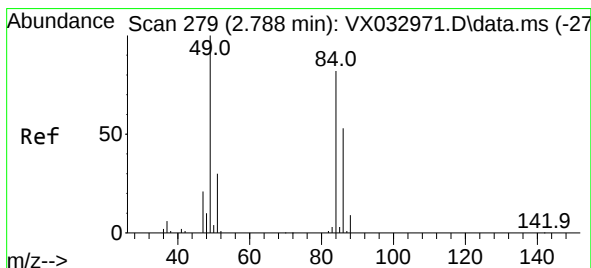
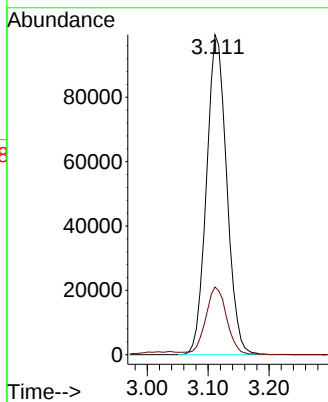
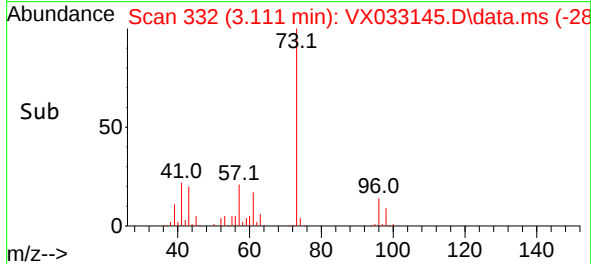
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 22892
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0

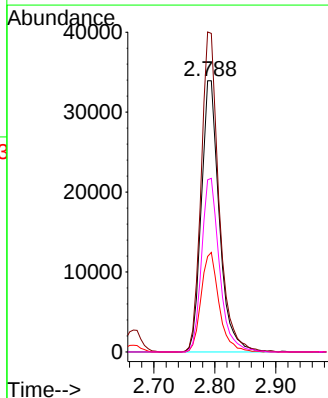
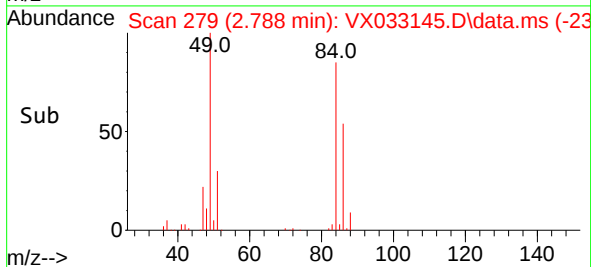
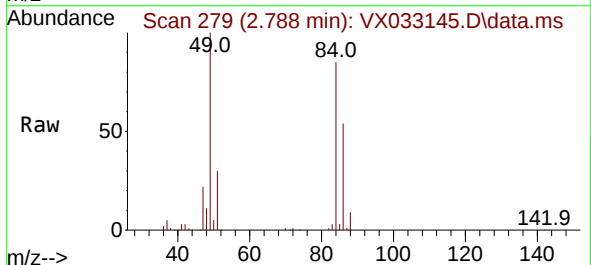
Manual Integrations
APPROVED

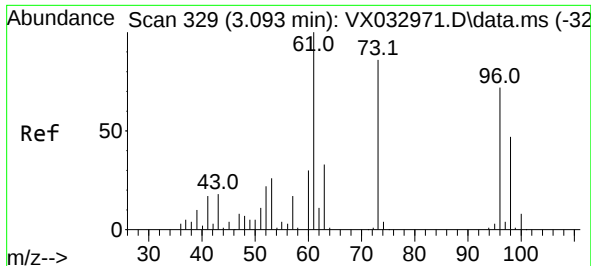
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#20
Methylene Chloride
Concen: 52.449 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

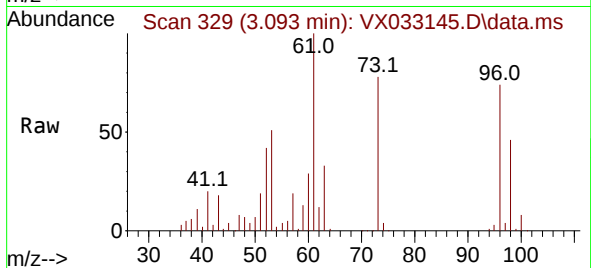
Tgt Ion: 84 Resp: 69560
Ion Ratio Lower Upper
84 100
49 118.0 101.0 151.6
51 35.2 31.1 46.7
86 63.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 48.825 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

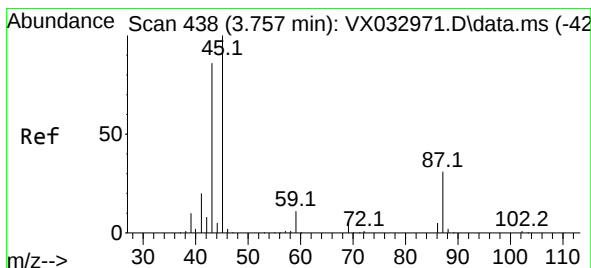
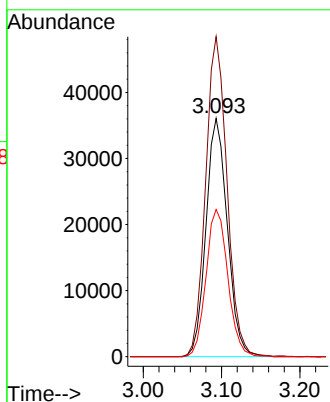
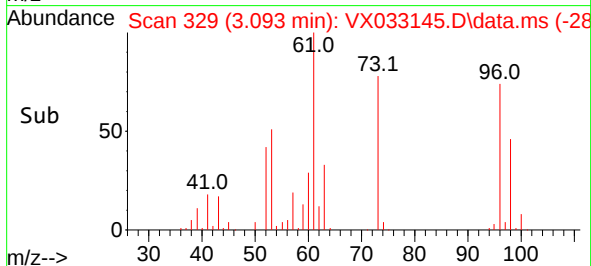
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



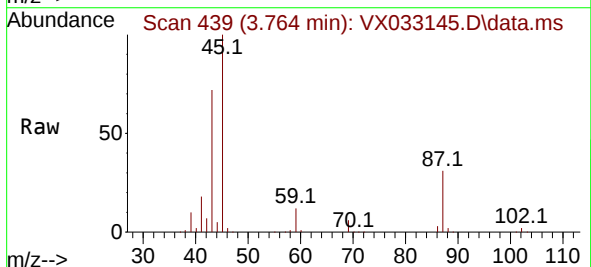
Tgt Ion: 96 Resp: 68388
Ion Ratio Lower Upper
96 100
61 134.3 106.6 160.0
98 61.8 51.0 76.6

Manual Integrations
APPROVED

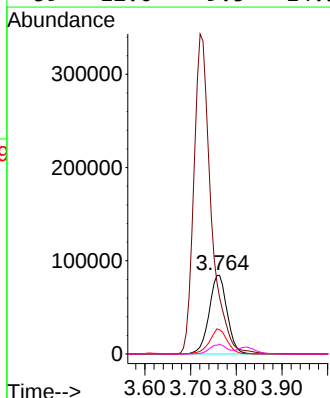
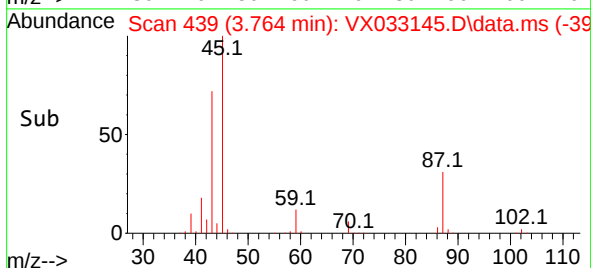
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

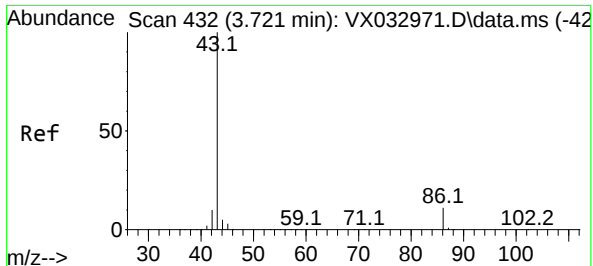


#22
Diisopropyl ether
Concen: 53.501 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



Tgt Ion: 45 Resp: 230294
Ion Ratio Lower Upper
45 100
43 71.4 56.4 84.6
87 30.8 24.4 36.6
59 12.0 9.5 14.3





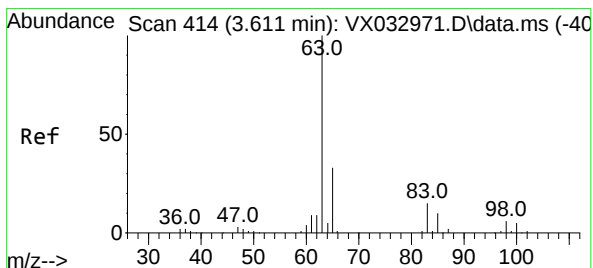
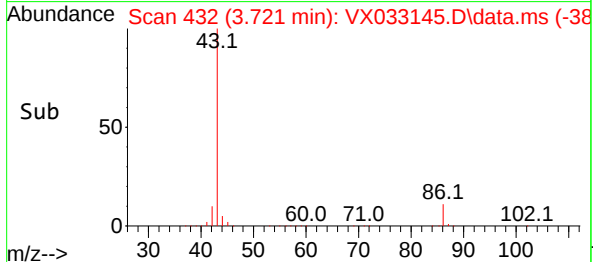
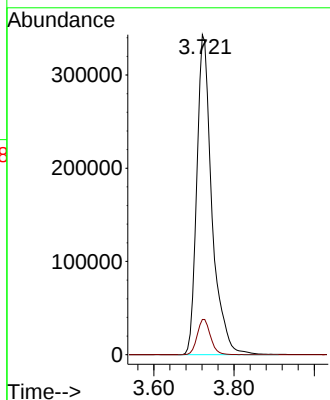
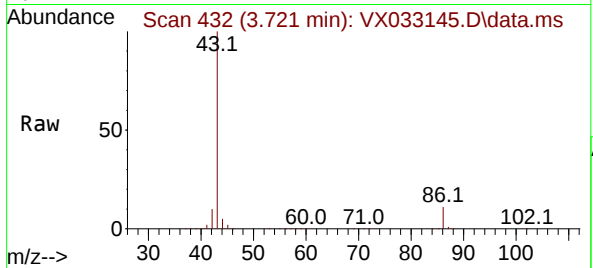
#23
 Vinyl Acetate
 Concen: 266.448 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033145.D
 Acq: 30 Nov 2022 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 89777
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8

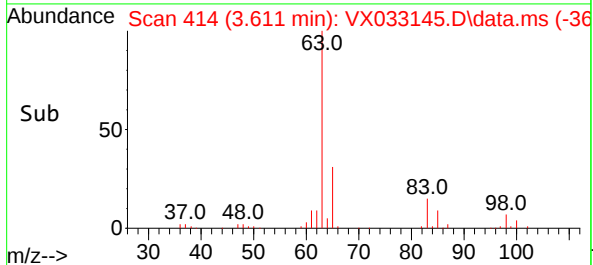
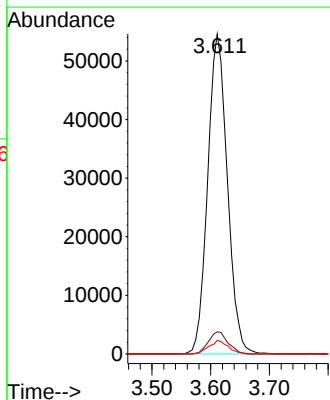
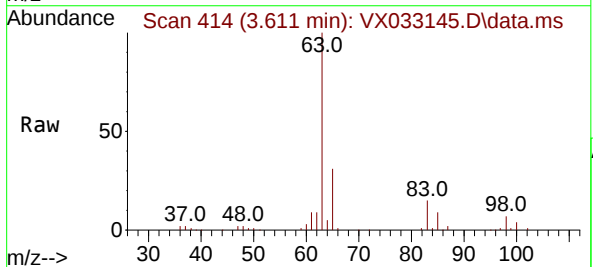
Manual Integrations
 APPROVED

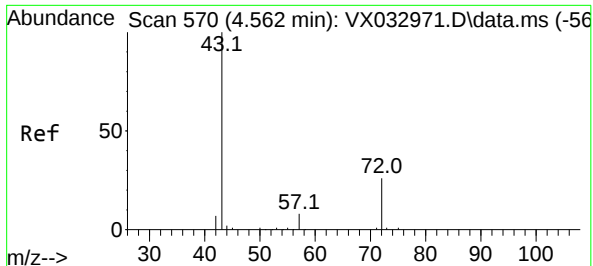
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022



#24
 1,1-Dichloroethane
 Concen: 51.503 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033145.D
 Acq: 30 Nov 2022 20:19

Tgt Ion: 63 Resp: 126864
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 251.722 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 22150

Ion Ratio Lower Upper

43 100

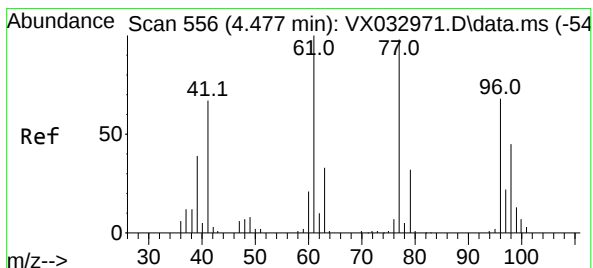
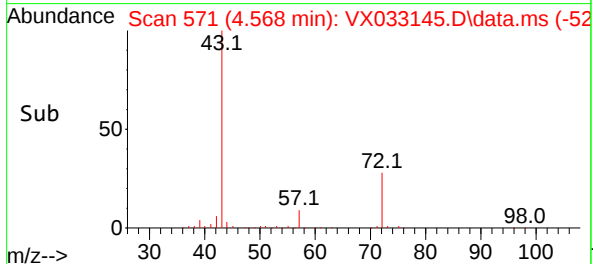
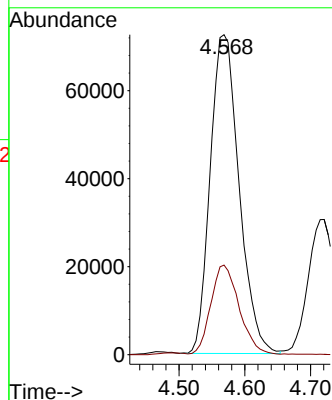
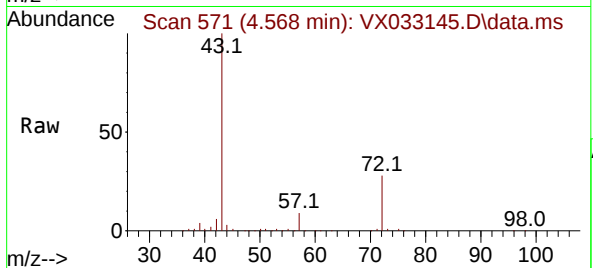
72 28.0 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#26

2,2-Dichloropropane

Concen: 49.577 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX033145.D

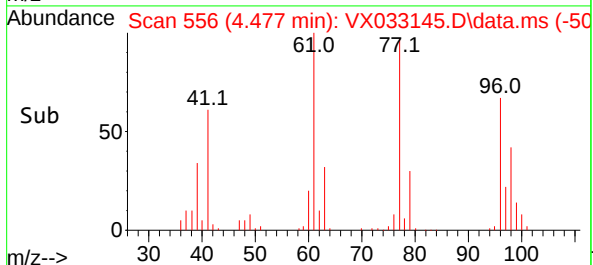
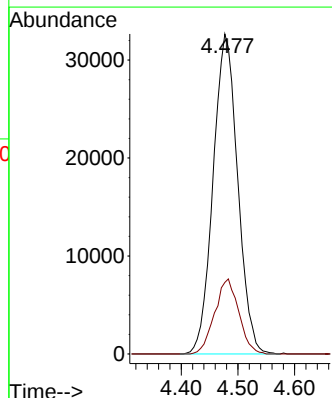
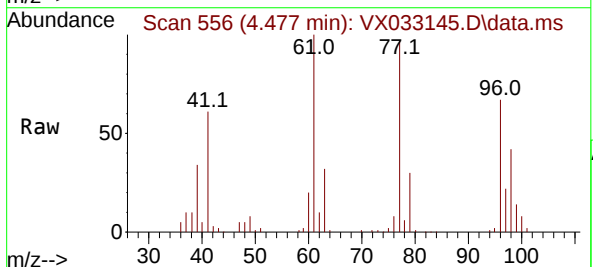
Acq: 30 Nov 2022 20:19

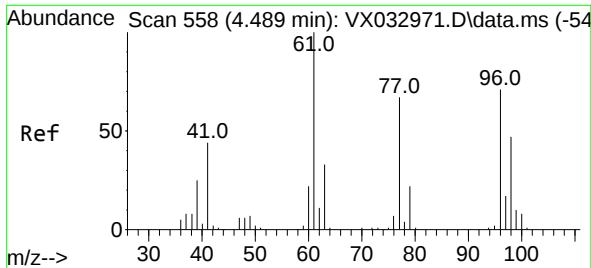
Tgt Ion: 77 Resp: 98192

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.048 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 82830

Ion Ratio Lower Upper

96 100

61 142.0 0.0 286.0

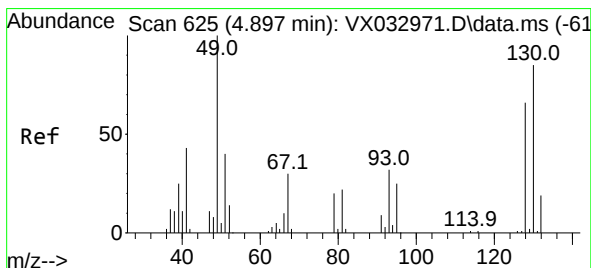
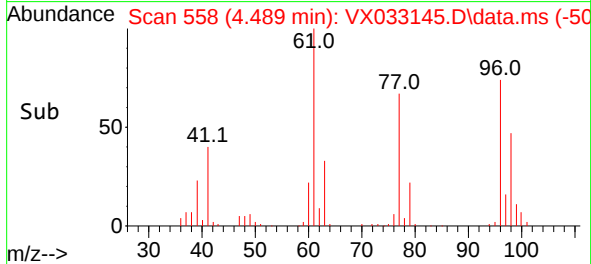
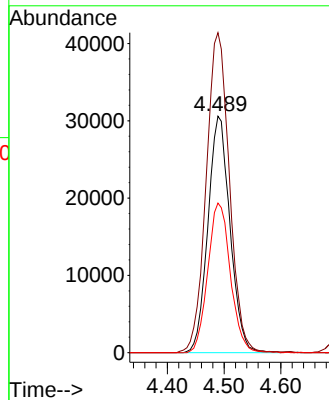
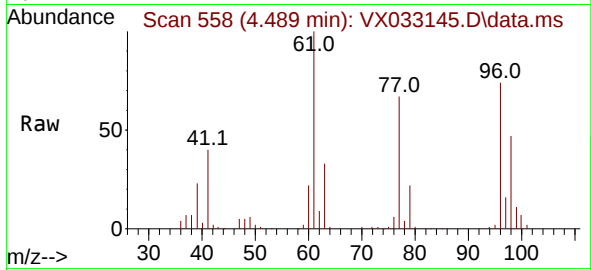
98 64.7 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#28

Bromochloromethane

Concen: 50.509 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

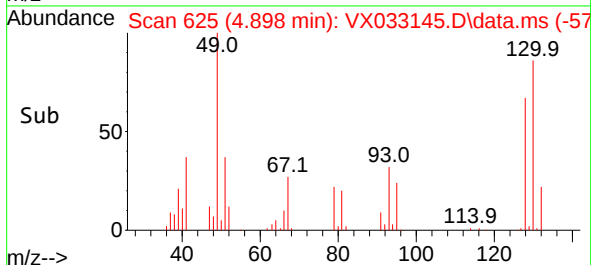
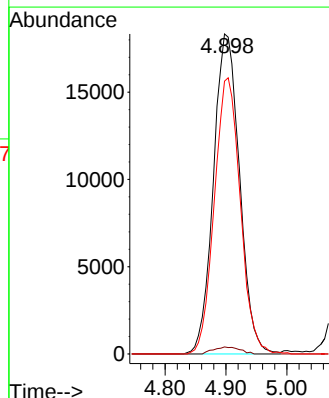
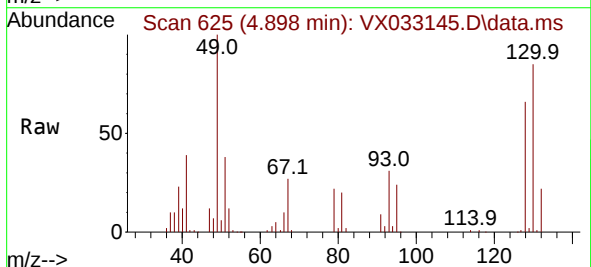
Tgt Ion: 49 Resp: 54668

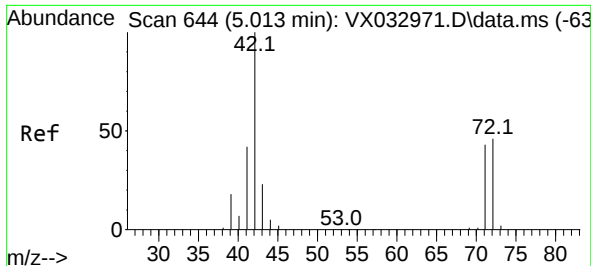
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 85.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 260.913 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 145680

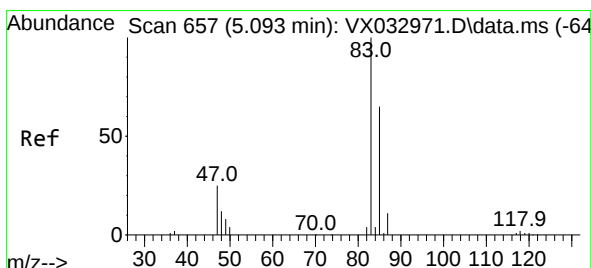
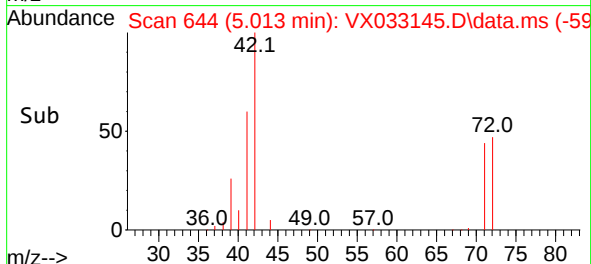
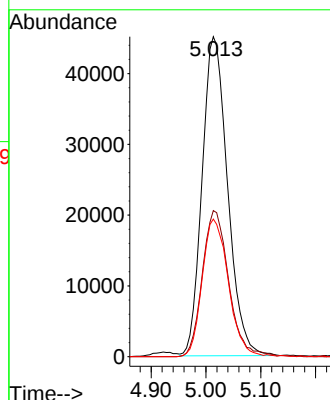
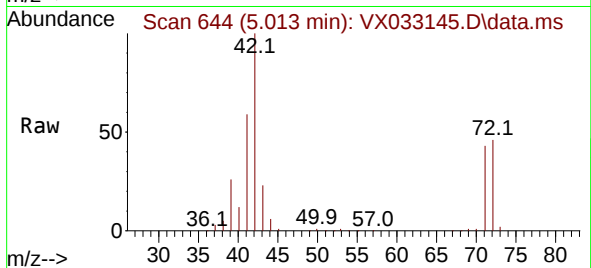
Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.6	56.4
71	44.3	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#30

Chloroform

Concen: 52.385 ug/l

RT: 5.099 min Scan# 658

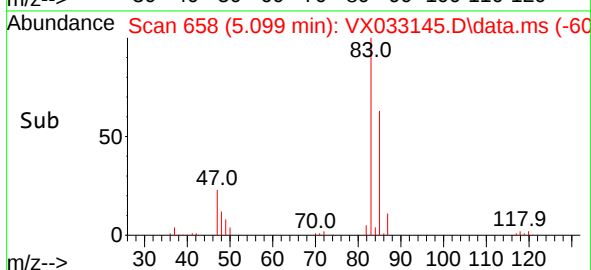
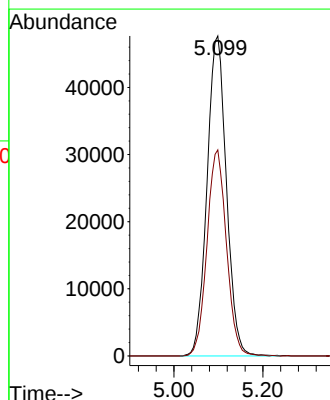
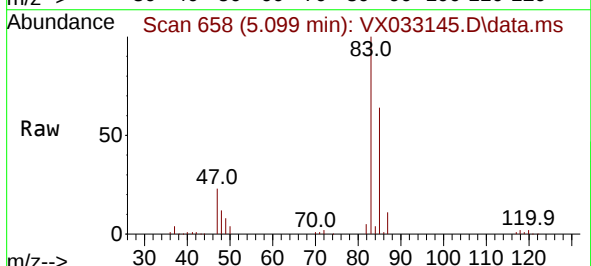
Delta R.T. -0.000 min

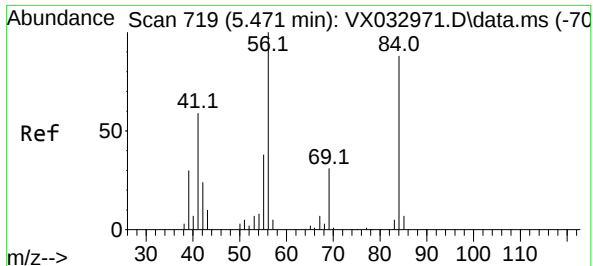
Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Tgt Ion: 83 Resp: 144520

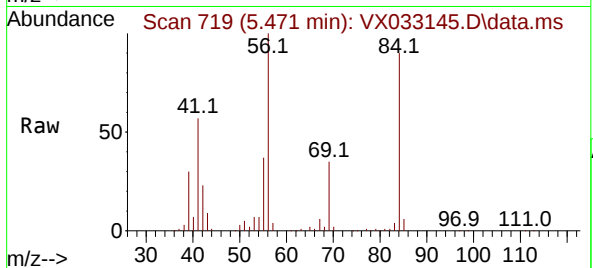
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.1	76.7





#31
Cyclohexane
Concen: 49.091 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

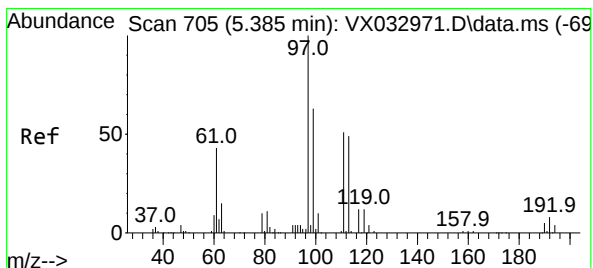
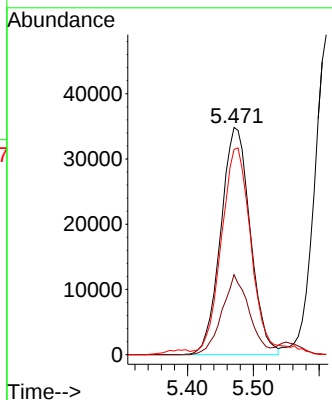
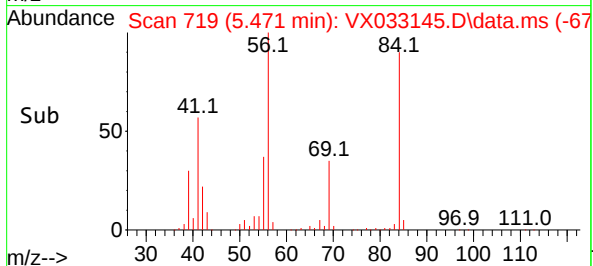
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



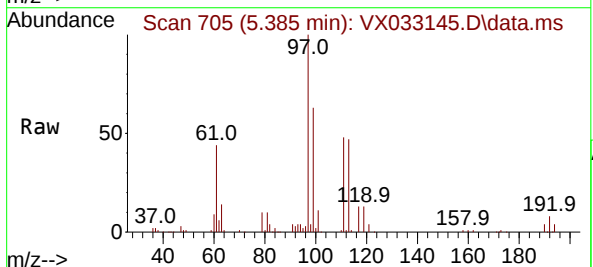
Tgt Ion: 56 Resp: 10869
Ion Ratio Lower Upper
56 100
69 35.2 24.1 36.1
84 88.3 66.9 100.3

Manual Integrations
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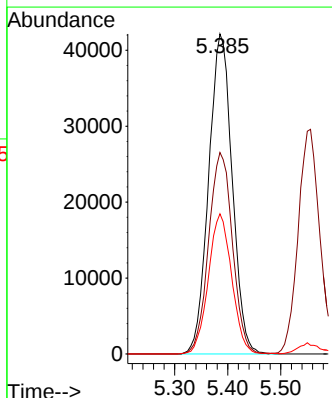
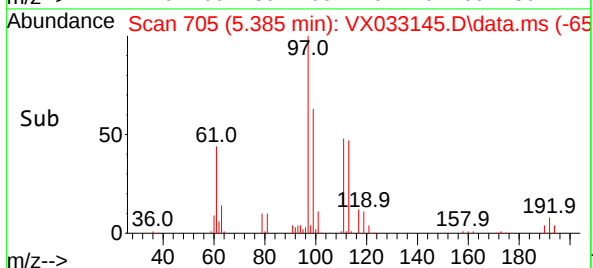
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

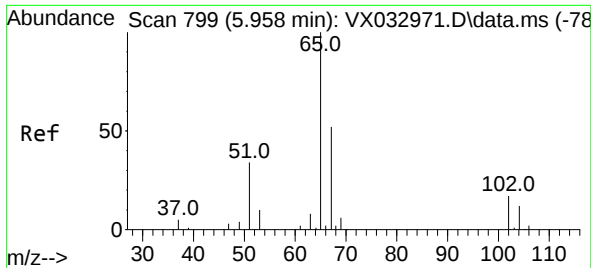


#32
1,1,1-Trichloroethane
Concen: 52.542 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



Tgt Ion: 97 Resp: 129813
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 43.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.075 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 66079

Ion Ratio Lower Upper

65 100

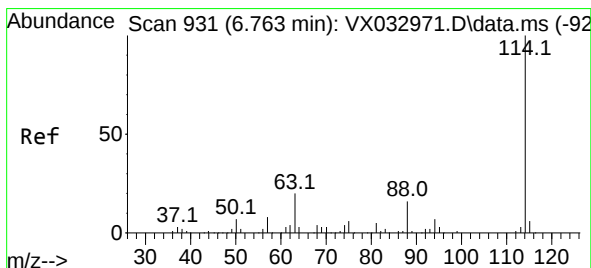
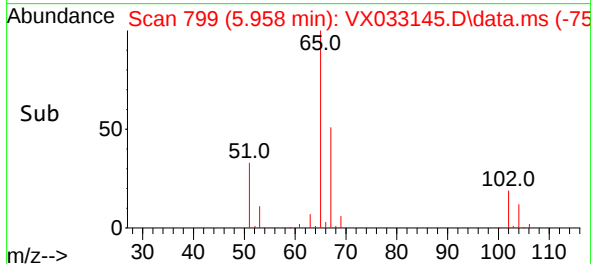
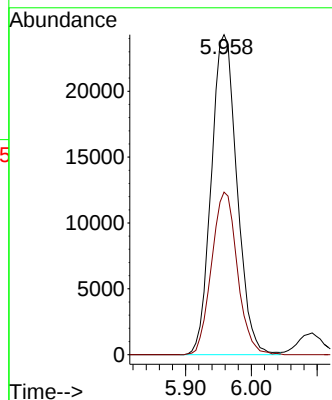
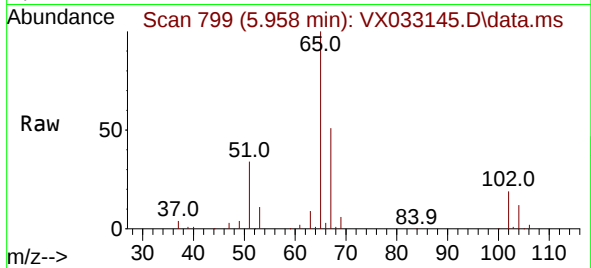
67 50.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

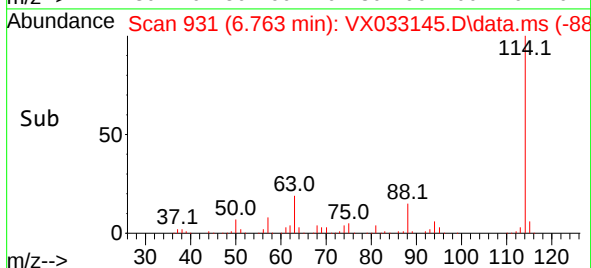
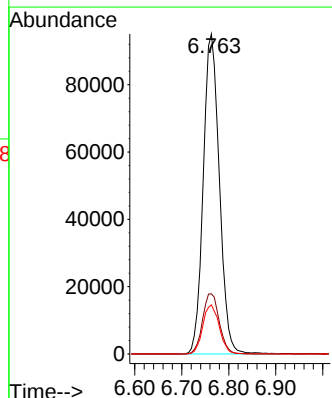
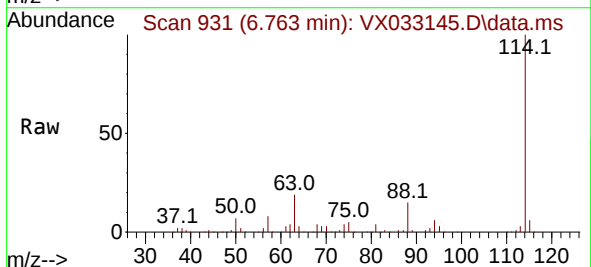
Tgt Ion:114 Resp: 226211

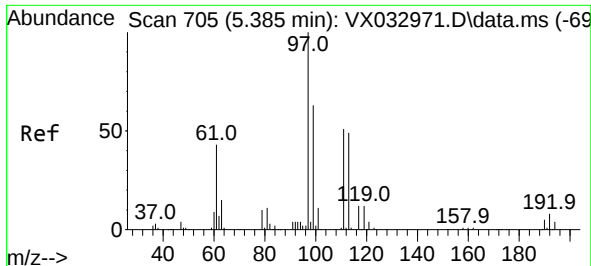
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

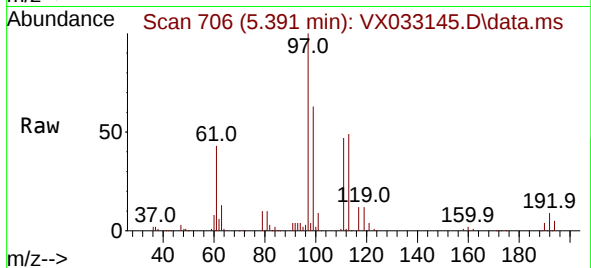
88 15.4 0.0 33.4





#35
Dibromofluoromethane
Concen: 45.281 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

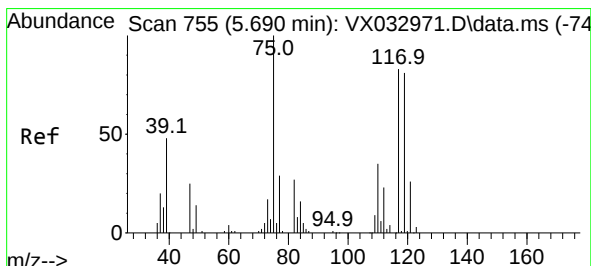
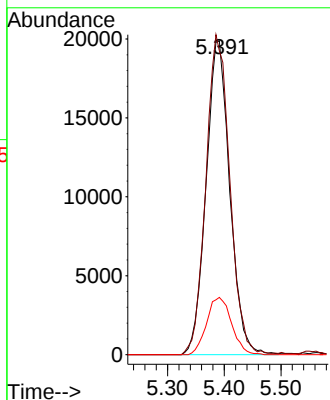
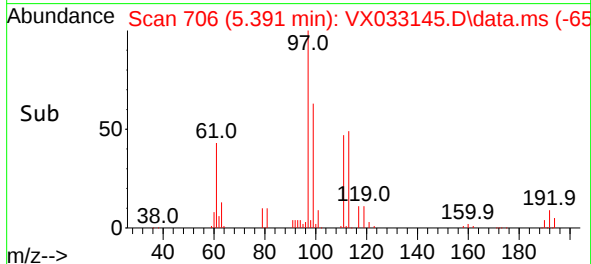
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 57740
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.2 15.4 23.2

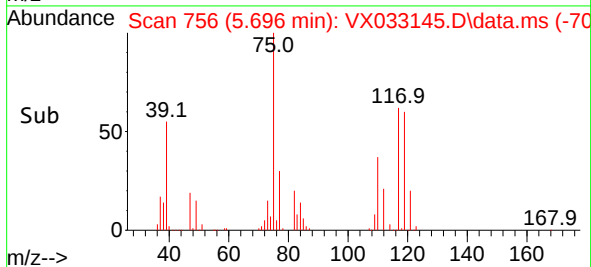
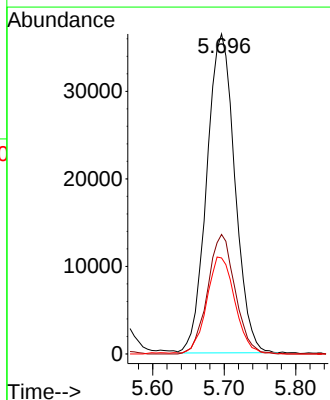
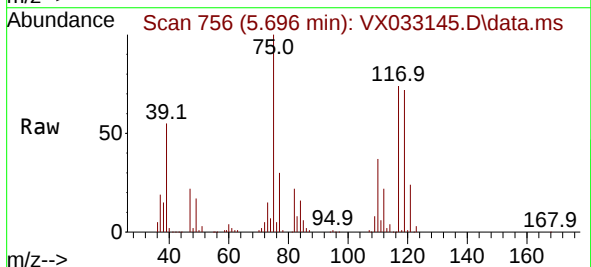
Manual Integrations
APPROVED

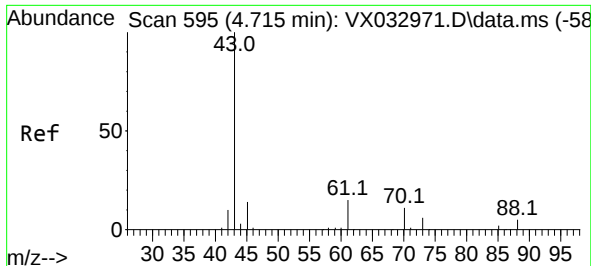
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#36
1,1-Dichloropropene
Concen: 48.764 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion: 75 Resp: 99438
Ion Ratio Lower Upper
75 100
110 36.6 18.4 55.2
77 30.6 24.5 36.7





#37

Ethyl Acetate

Concen: 52.232 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9292

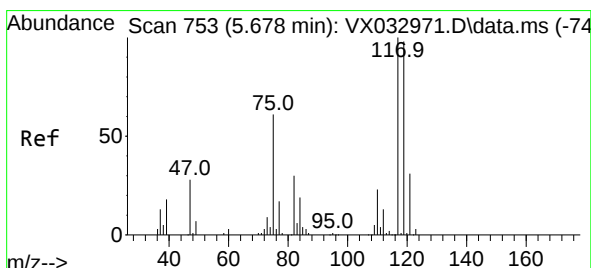
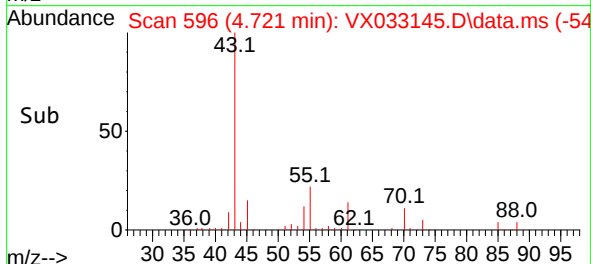
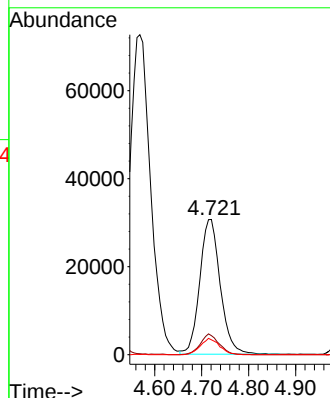
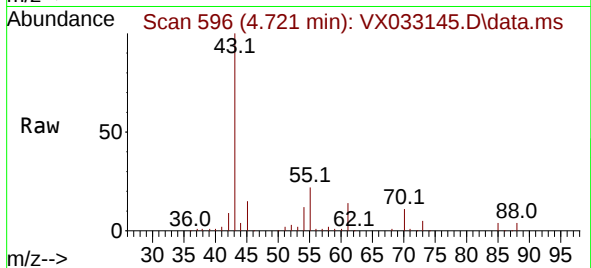
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	11.2	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#38

Carbon Tetrachloride

Concen: 49.830 ug/l

RT: 5.678 min Scan# 753

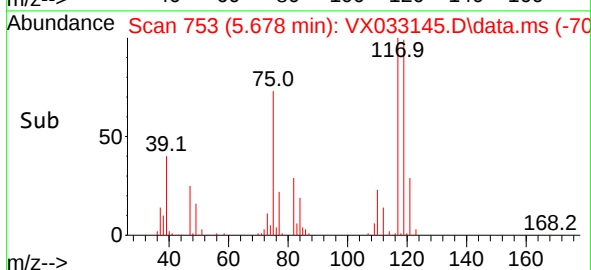
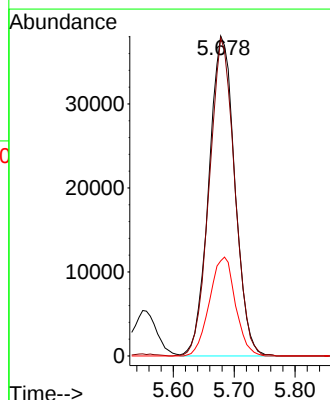
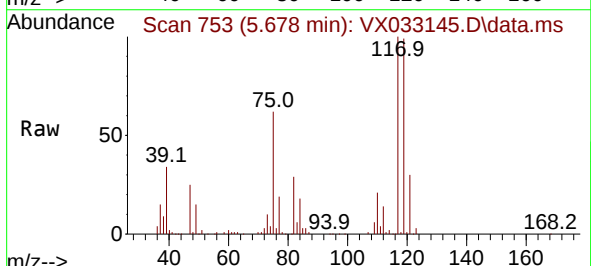
Delta R.T. -0.006 min

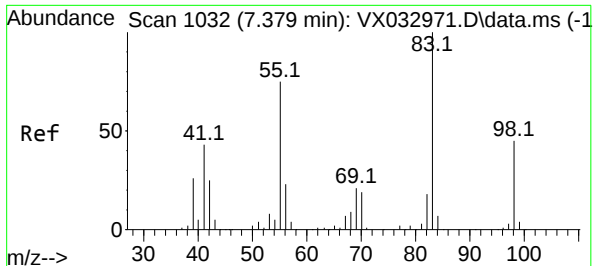
Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Tgt Ion:117 Resp: 112720

Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.2	115.8
121	29.7	25.8	38.6





#39

Methylcyclohexane

Concen: 47.521 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11056

Ion Ratio Lower Upper

83 100

55 74.2 58.4 87.6

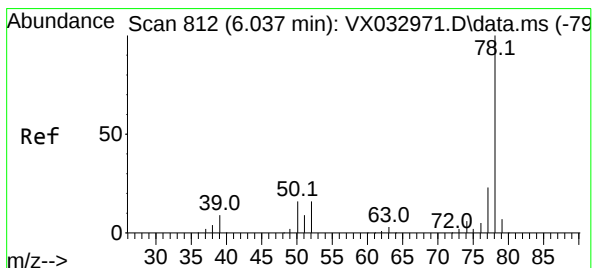
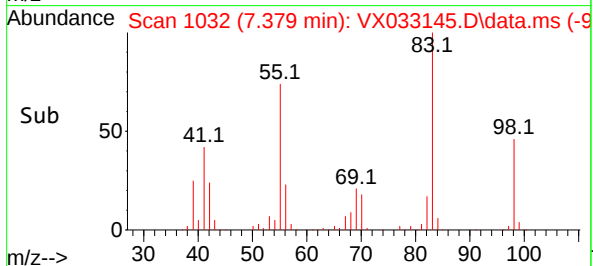
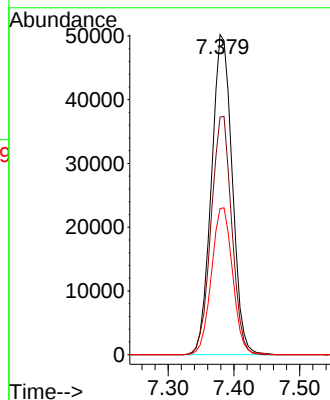
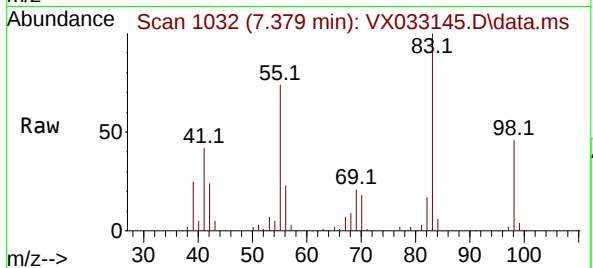
98 45.7 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#40

Benzene

Concen: 49.991 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX033145.D

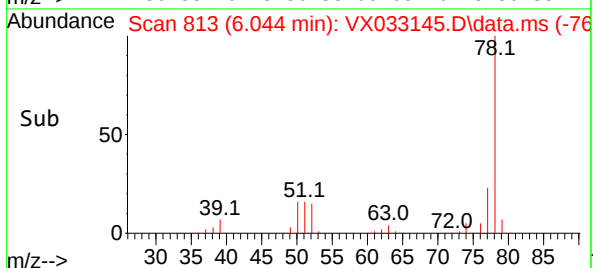
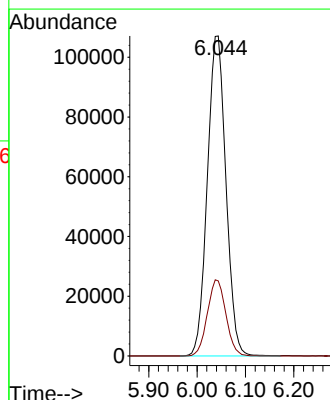
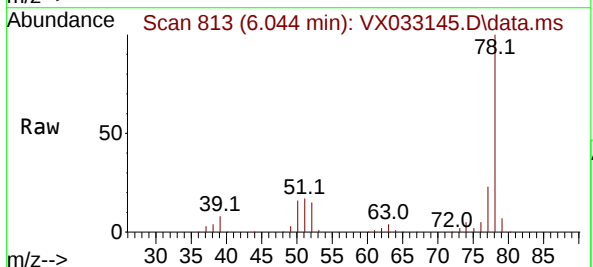
Acq: 30 Nov 2022 20:19

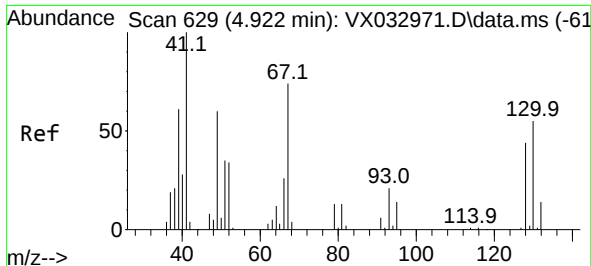
Tgt Ion: 78 Resp: 285813

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4





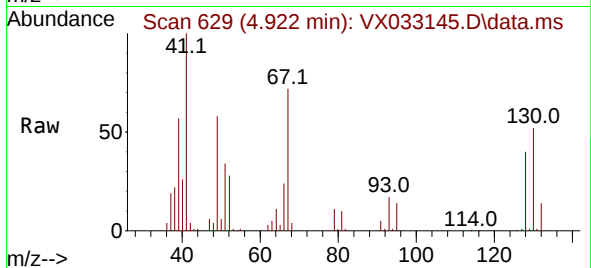
#41
Methacrylonitrile
Concen: 53.785 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



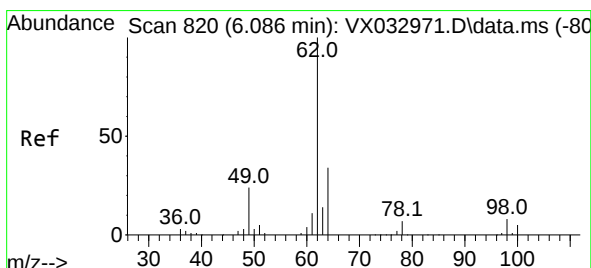
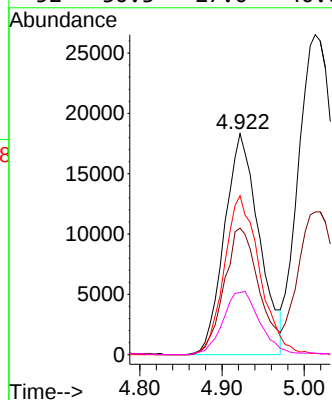
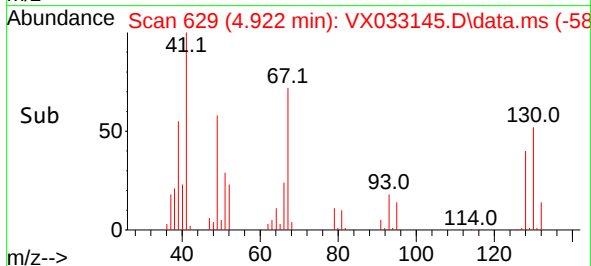
Tgt Ion: 41 Resp: 53840
Ion Ratio Lower Upper
41 100
39 57.8 47.5 71.3
67 73.3 60.5 90.7
52 30.3 27.0 40.6

Manual Integrations

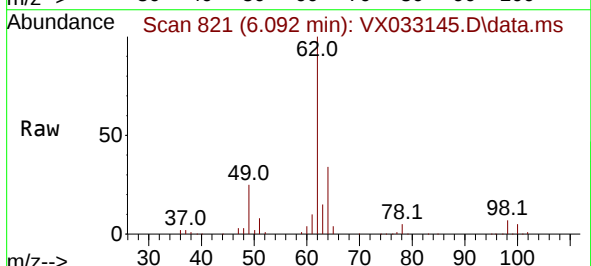
APPROVED

Reviewed By :John Carlone 12/01/2022

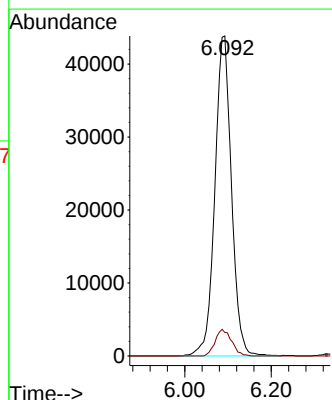
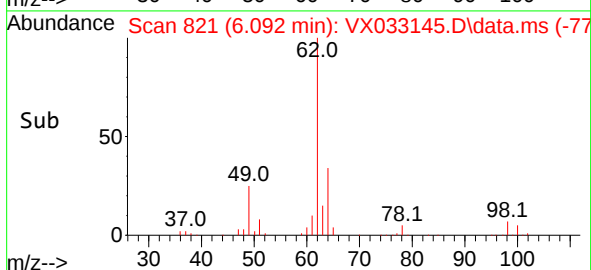
Supervised By :Mahesh Dadoda 12/01/2022

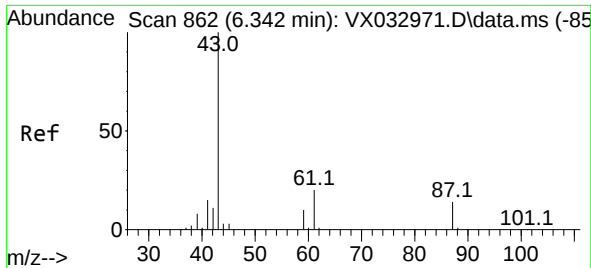


#42
1,2-Dichloroethane
Concen: 50.664 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



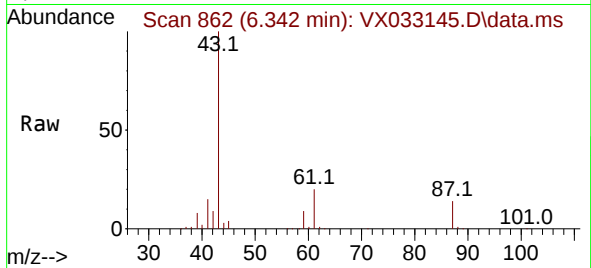
Tgt Ion: 62 Resp: 116628
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.844 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

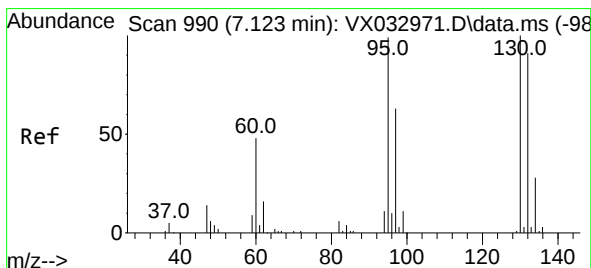
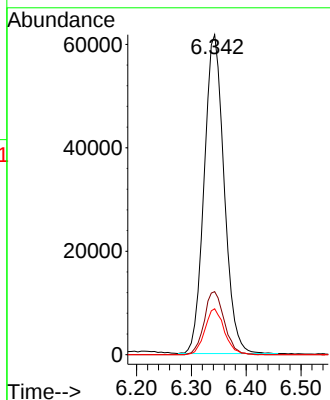
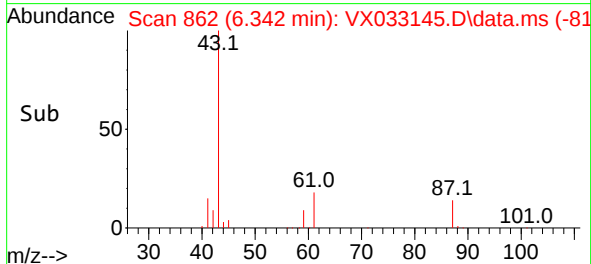
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 155478
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 14.1 10.8 16.2

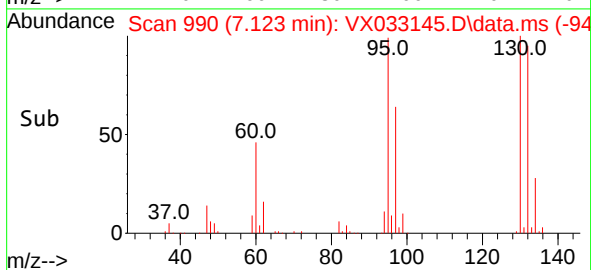
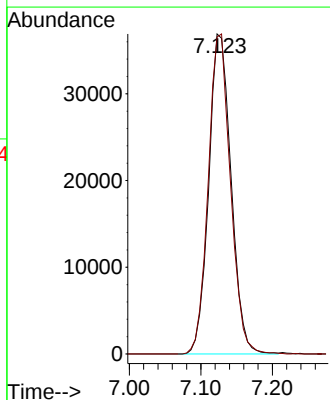
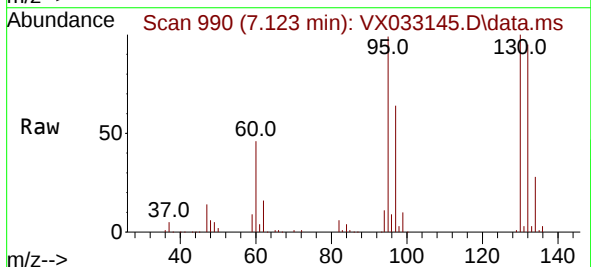
Manual Integrations
APPROVED

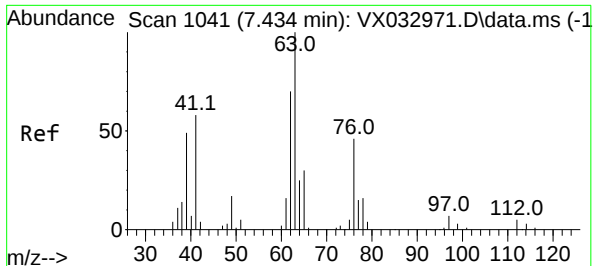
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#44
Trichloroethene
Concen: 49.927 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion:130 Resp: 80099
Ion Ratio Lower Upper
130 100
95 99.0 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.356 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7397

Ion Ratio Lower Upper

63 100

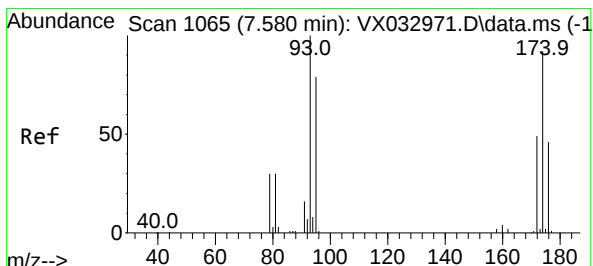
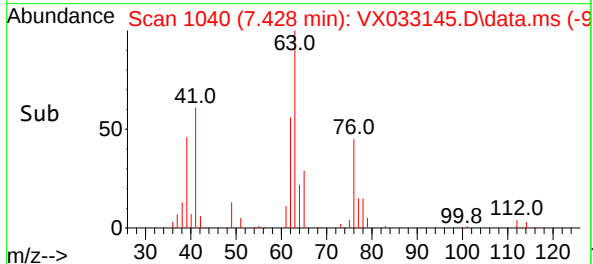
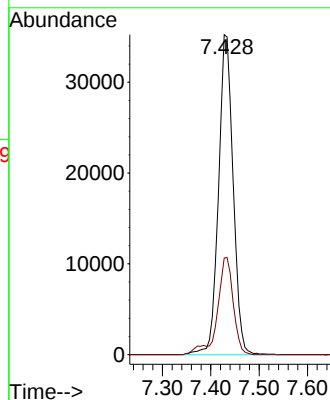
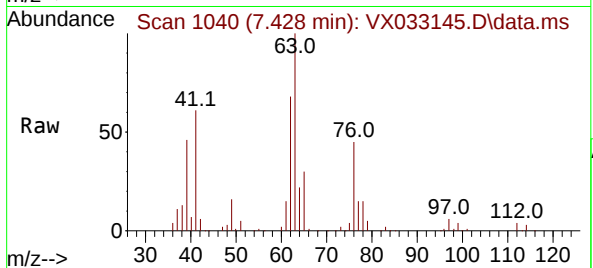
65 30.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#46

Dibromomethane

Concen: 50.517 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

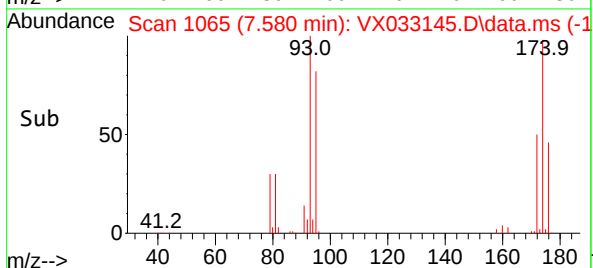
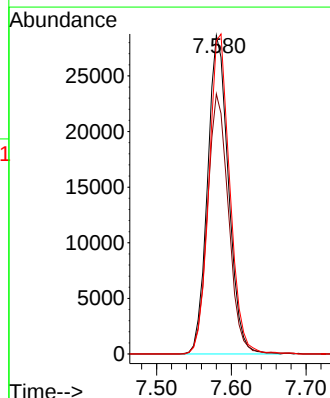
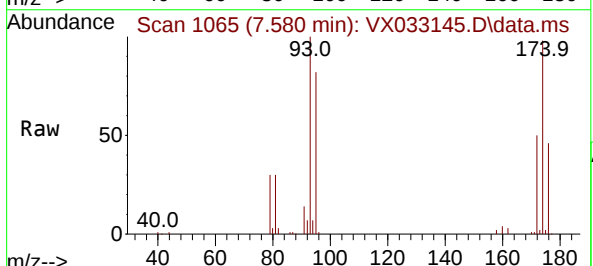
Tgt Ion: 93 Resp: 55694

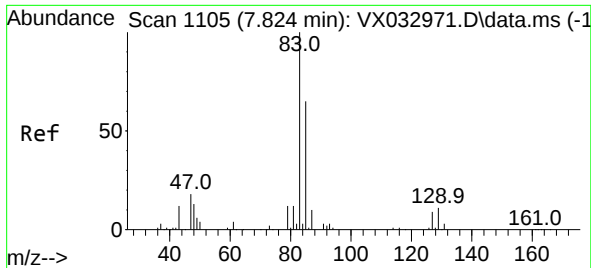
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.8

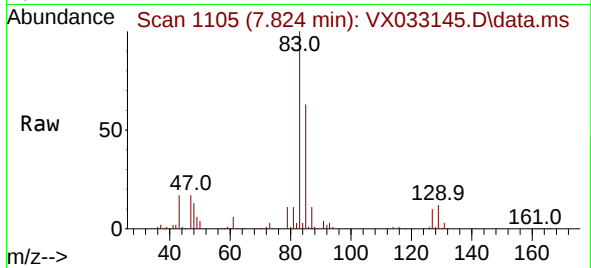
174 100.2 79.8 119.6





#47
Bromodichloromethane
Concen: 52.159 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

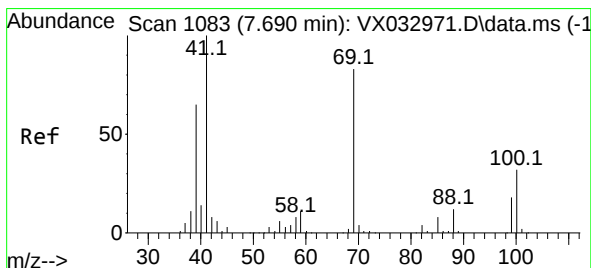
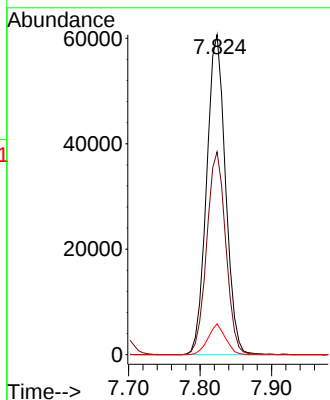
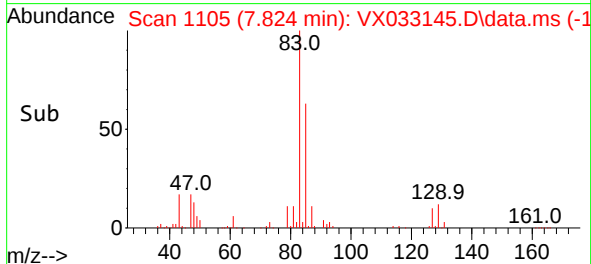
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



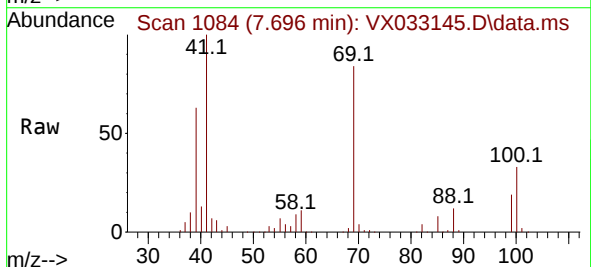
Tgt Ion: 83 Resp: 111115
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 9.7 7.4 11.2

Manual Integrations
APPROVED

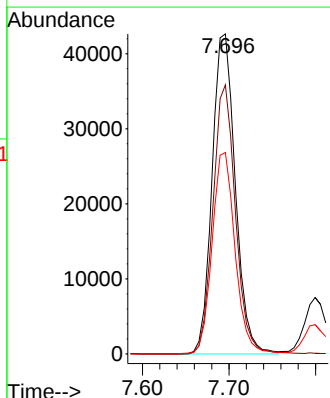
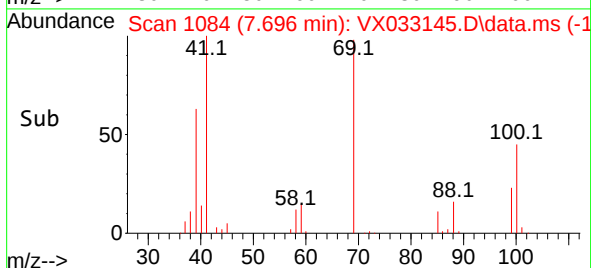
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

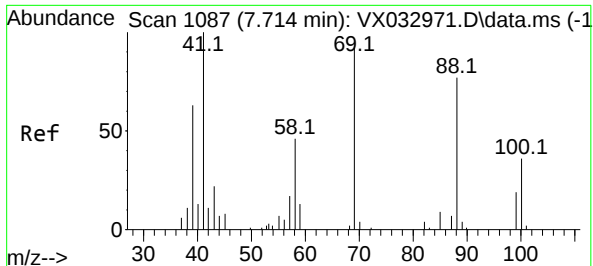


#48
Methyl methacrylate
Concen: 52.476 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



Tgt Ion: 41 Resp: 79473
Ion Ratio Lower Upper
41 100
69 81.5 65.1 97.7
39 62.4 51.9 77.9





#49

1,4-Dioxane

Concen: 1191.845 ug/l

RT: 7.726 min Scan# 1087

Delta R.T. 0.055 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 33220

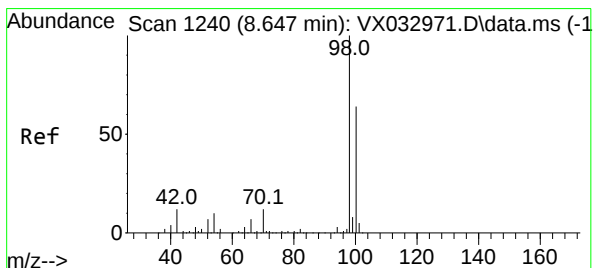
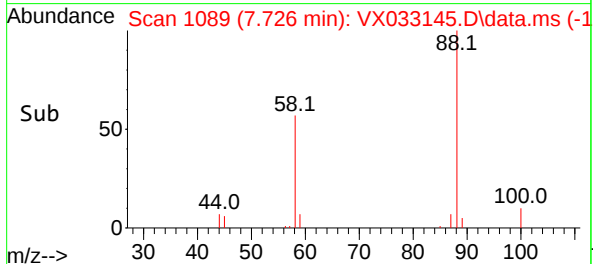
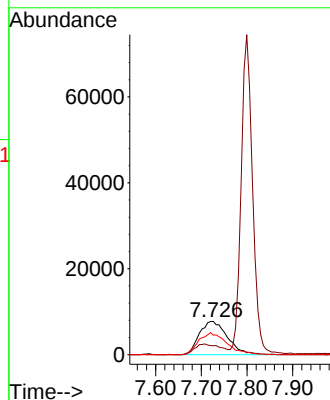
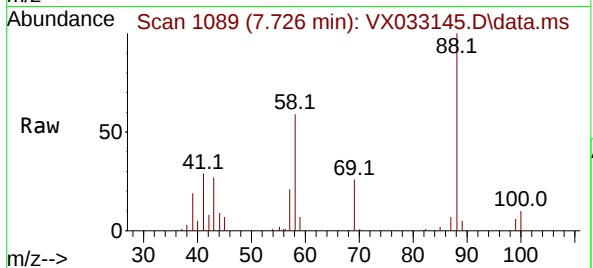
Ion	Ratio	Lower	Upper
88	100		
43	30.3	26.6	39.8
58	66.1	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#50

Toluene-d8

Concen: 45.468 ug/l

RT: 8.647 min Scan# 1240

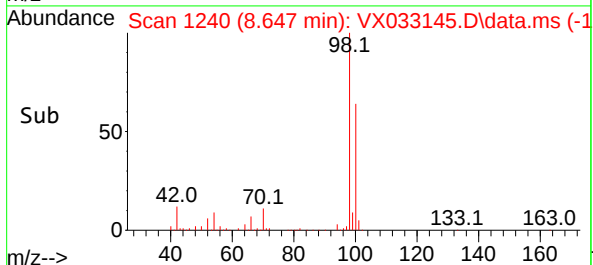
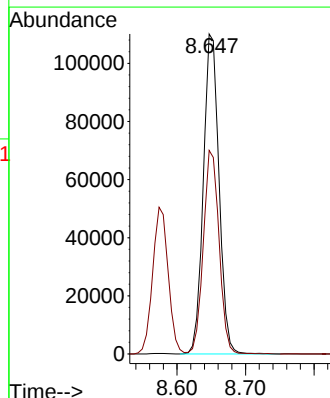
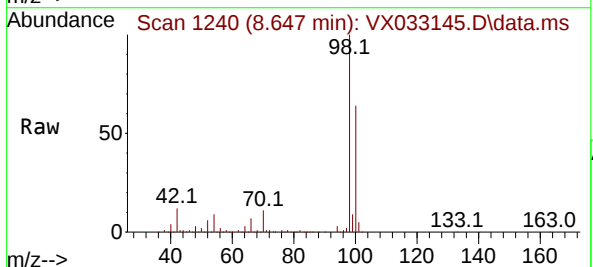
Delta R.T. -0.006 min

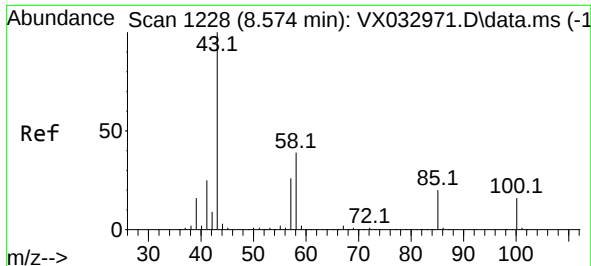
Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Tgt Ion: 98 Resp: 175218

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 266.079 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

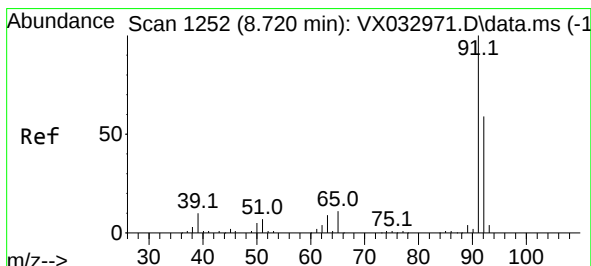
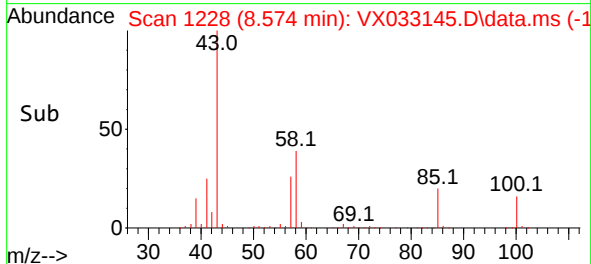
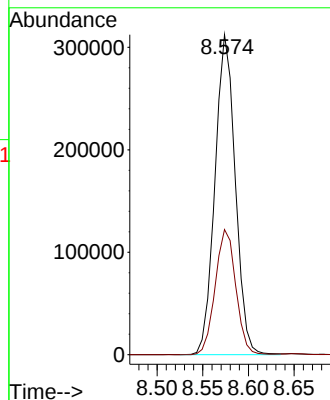
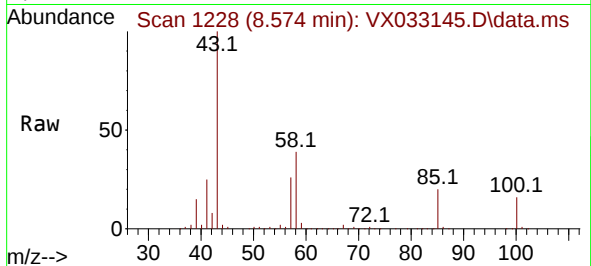
VSTDCCC050EC

Tgt Ion: 43 Resp: 483072
Ion Ratio Lower Upper
43 100
58 39.6 30.9 46.3

Manual Integrations

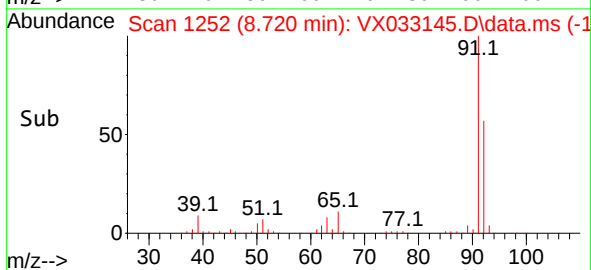
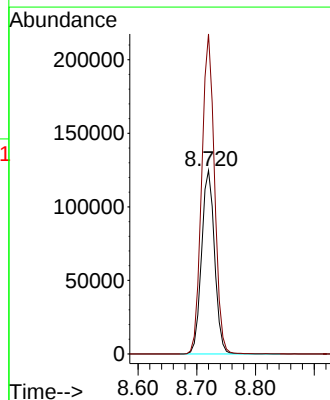
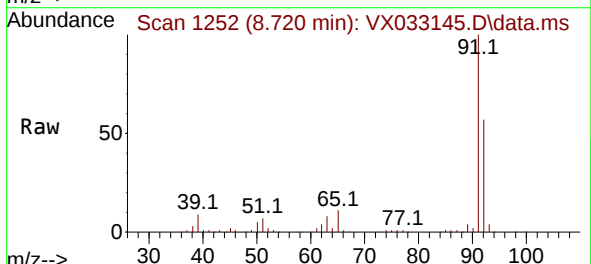
APPROVED

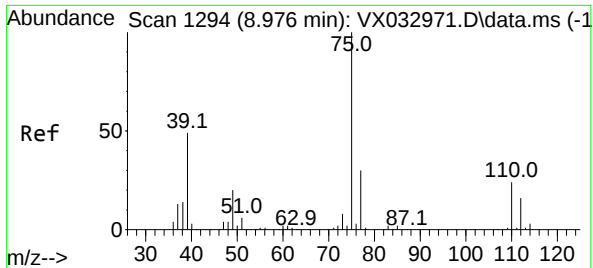
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#52
Toluene
Concen: 51.108 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion: 92 Resp: 192239
Ion Ratio Lower Upper
92 100
91 171.6 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 49.290 ug/l

RT: 8.976 min Scan# 11277

Delta R.T. -0.006 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 11277

Ion Ratio Lower Upper

75 100

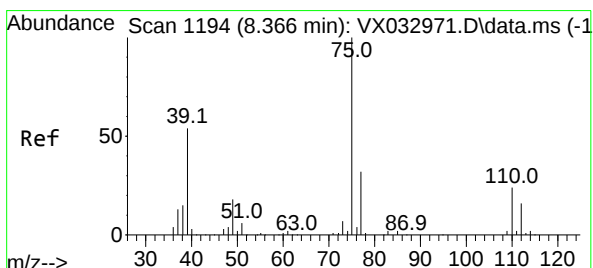
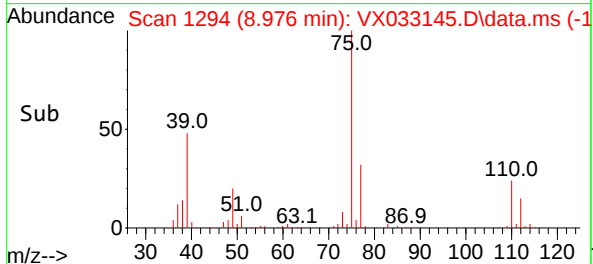
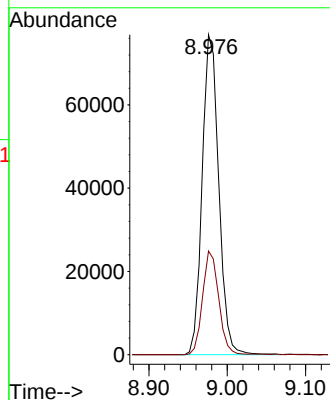
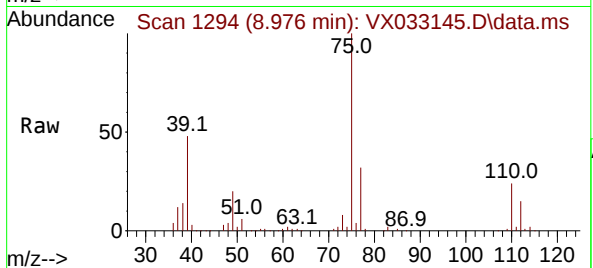
77 32.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#54

cis-1,3-Dichloropropene

Concen: 52.662 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

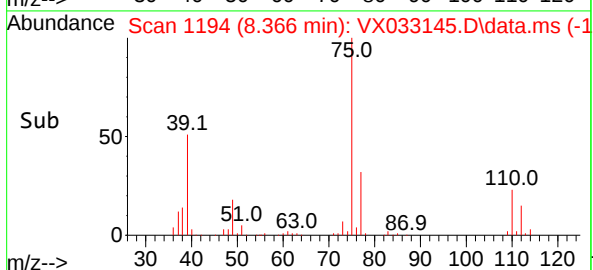
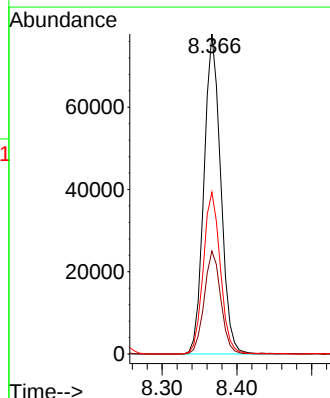
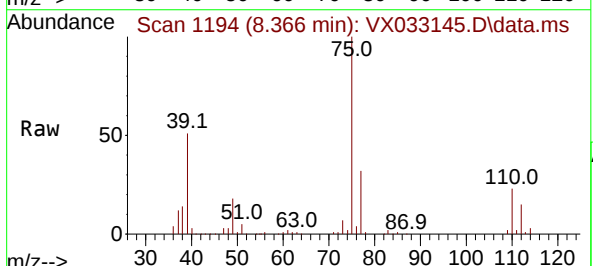
Tgt Ion: 75 Resp: 120942

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

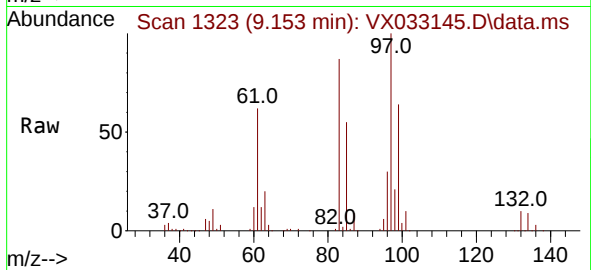
39 50.6 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 51.409 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

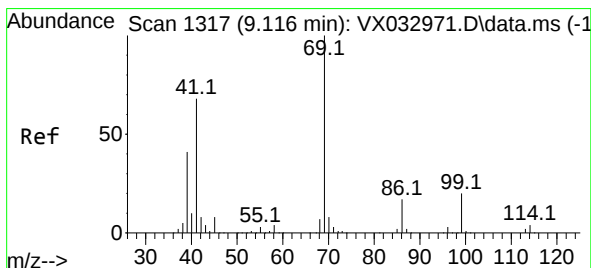
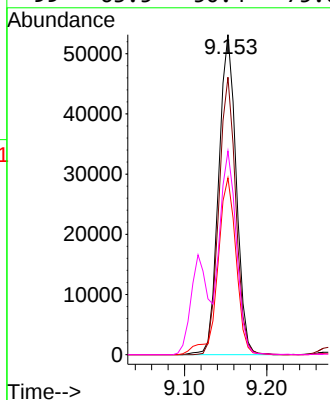
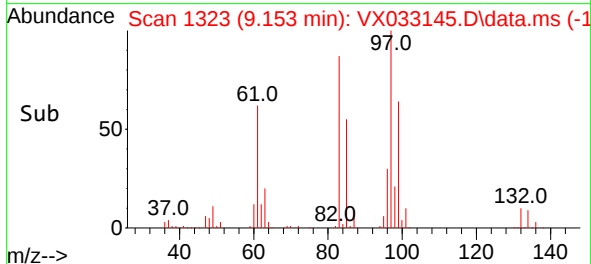
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC



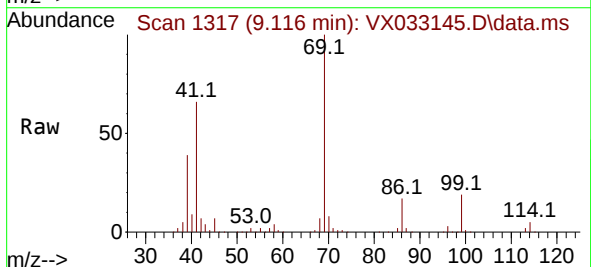
Tgt Ion:	97	Resp:	78728
Ion Ratio	100	Lower	Upper
97	100		
83	86.7	68.1	102.1
85	55.2	43.3	64.9
99	63.5	50.4	75.6

Manual Integrations
APPROVED

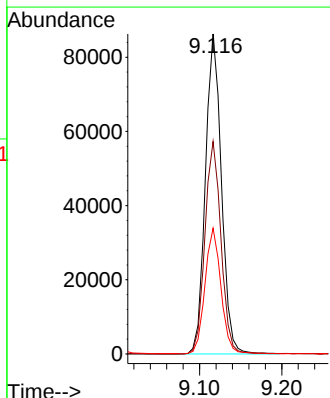
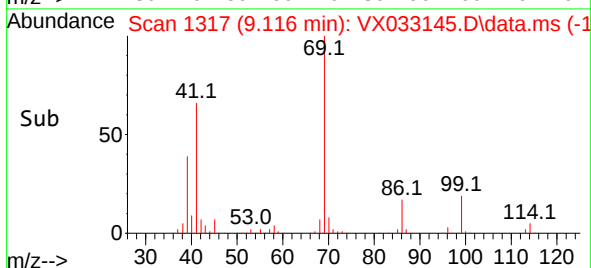
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

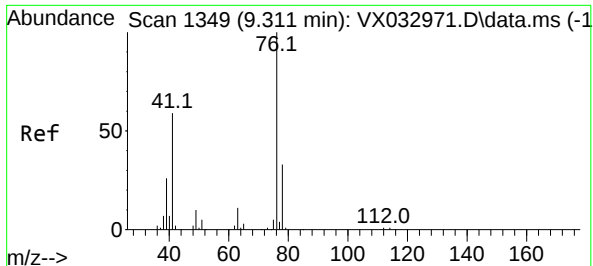


#56
Ethyl methacrylate
Concen: 55.406 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



Tgt Ion:	69	Resp:	116905
Ion Ratio	100	Lower	Upper
69	100		
41	66.7	54.3	81.5
39	39.4	35.2	52.8





#57

1,3-Dichloropropane

Concen: 51.792 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12804

Ion Ratio Lower Upper

76 100

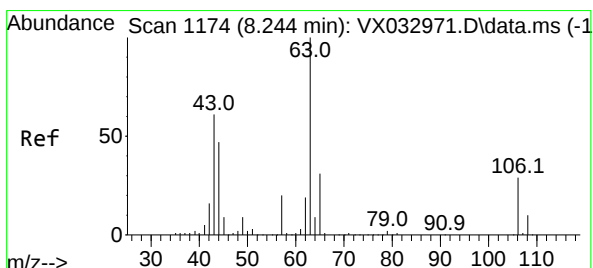
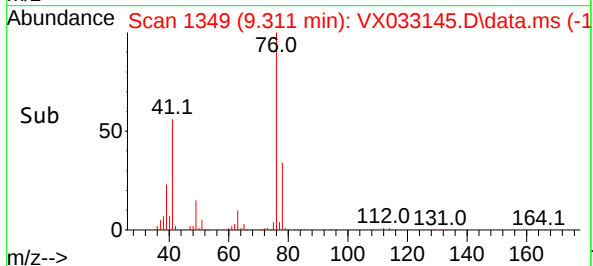
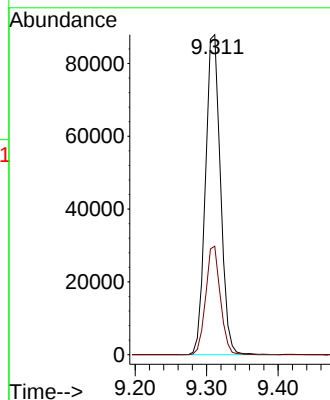
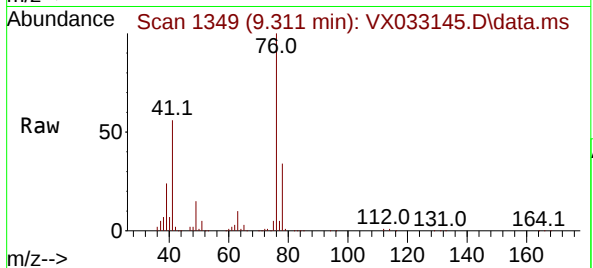
78 33.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 270.938 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033145.D

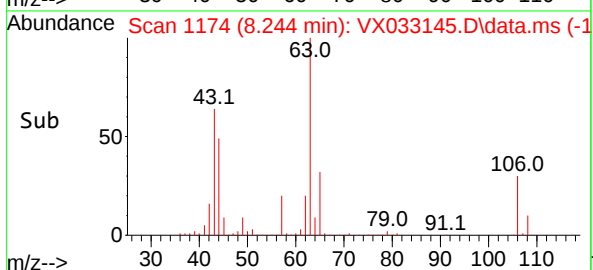
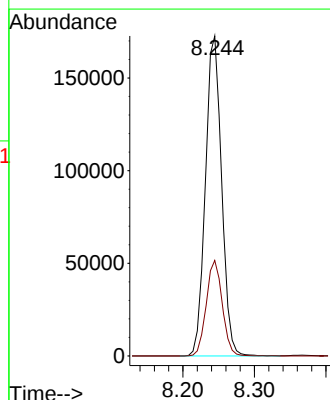
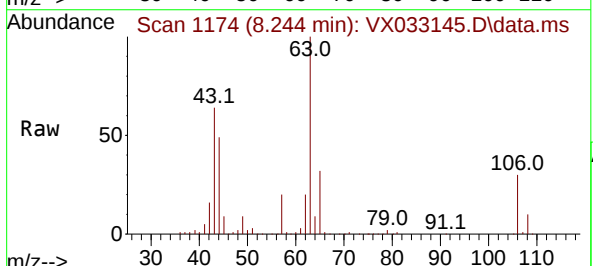
Acq: 30 Nov 2022 20:19

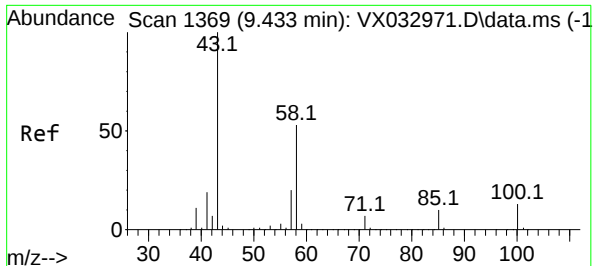
Tgt Ion: 63 Resp: 271466

Ion Ratio Lower Upper

63 100

106 29.5 23.3 34.9





#59

2-Hexanone

Concen: 264.746 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 35506

Ion Ratio Lower Upper

43 100

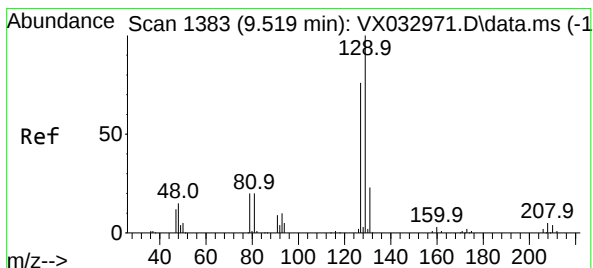
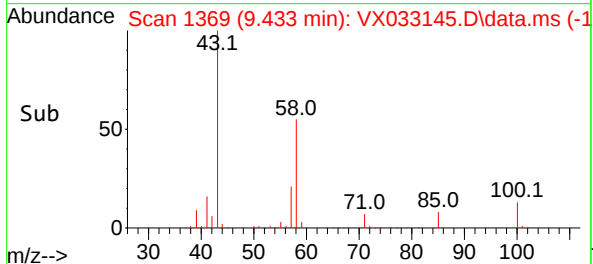
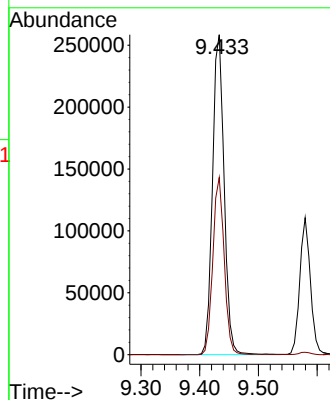
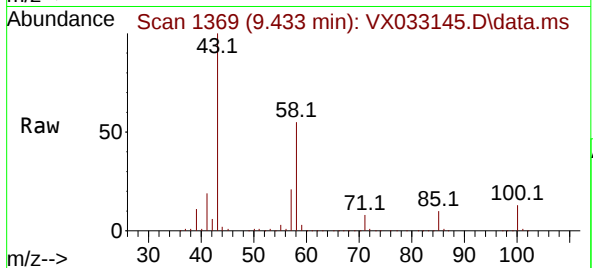
58 54.3 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#60

Dibromochloromethane

Concen: 53.419 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX033145.D

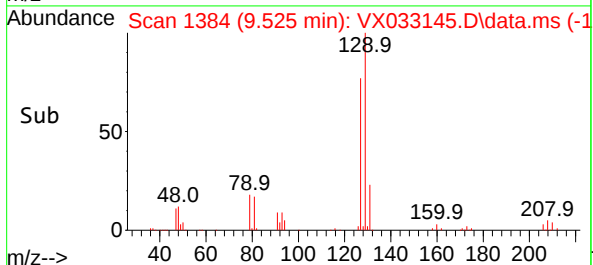
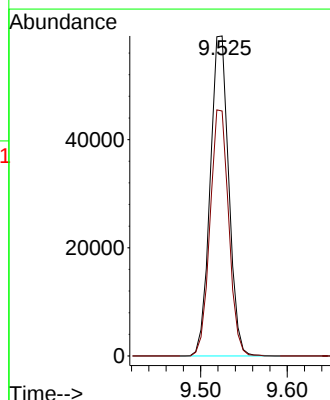
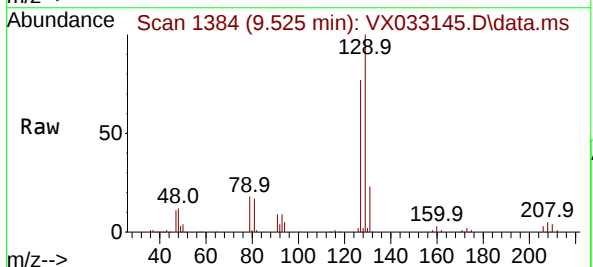
Acq: 30 Nov 2022 20:19

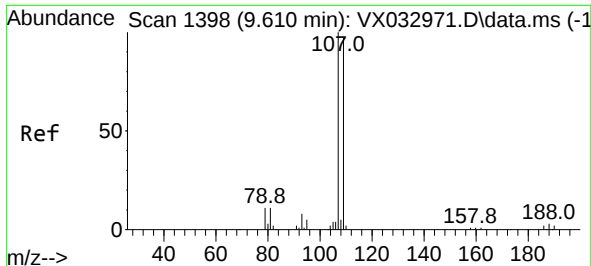
Tgt Ion:129 Resp: 88075

Ion Ratio Lower Upper

129 100

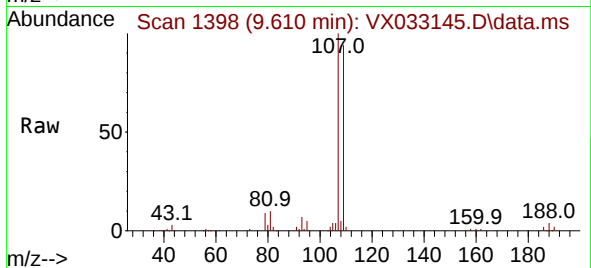
127 77.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.104 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

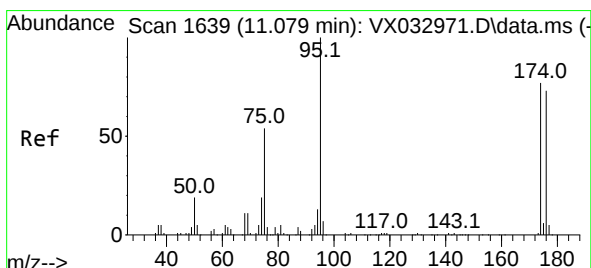
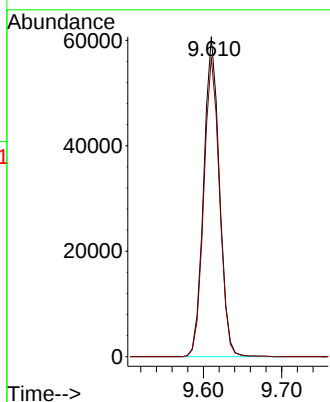
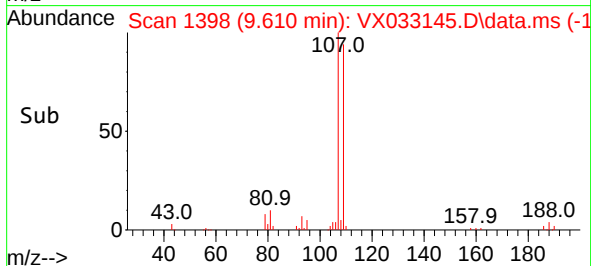
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



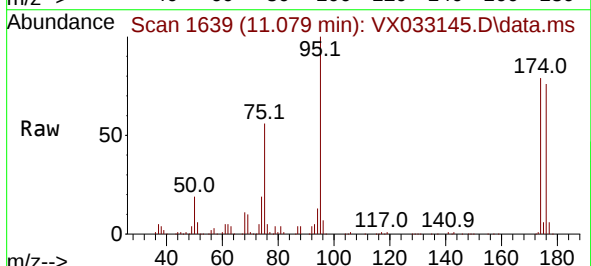
Tgt Ion:107 Resp: 84220
Ion Ratio Lower Upper
107 100
109 93.7 76.0 114.0

Manual Integrations
APPROVED

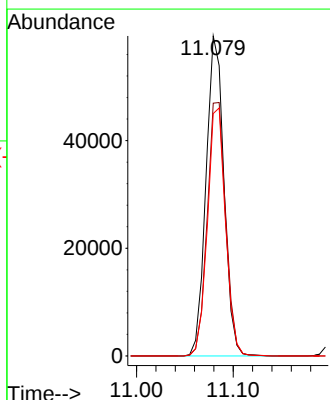
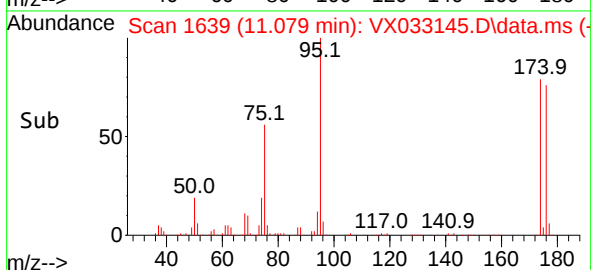
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

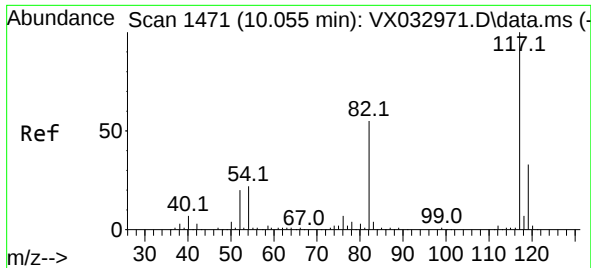


#62
4-Bromofluorobenzene
Concen: 45.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



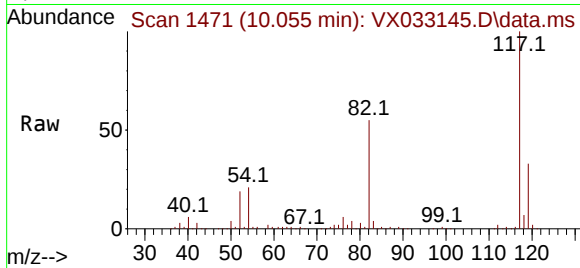
Tgt Ion: 95 Resp: 76434
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 78.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

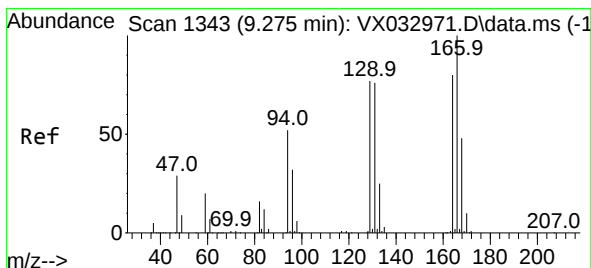
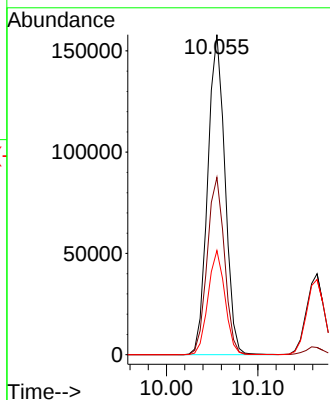
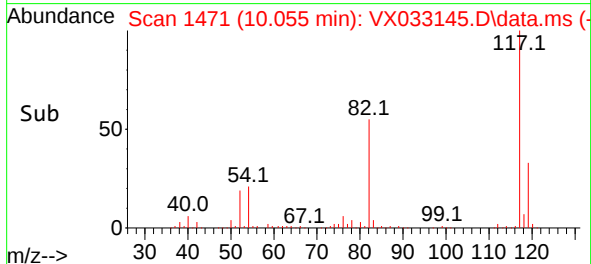
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 206634
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.5 25.7 38.5

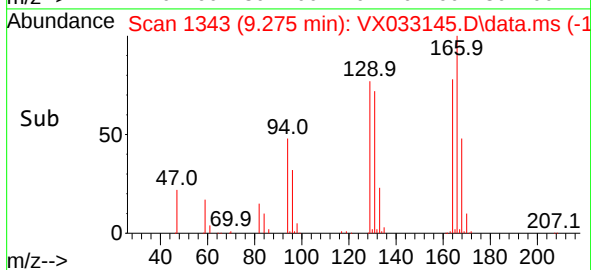
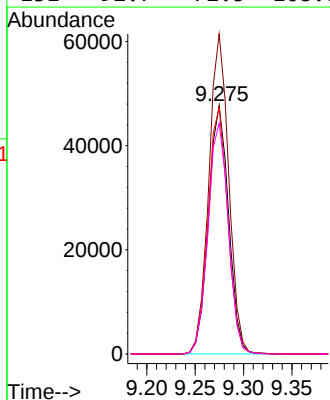
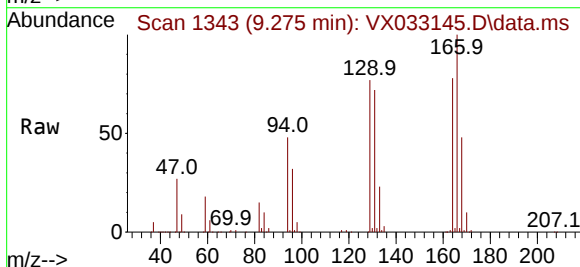
Manual Integrations
APPROVED

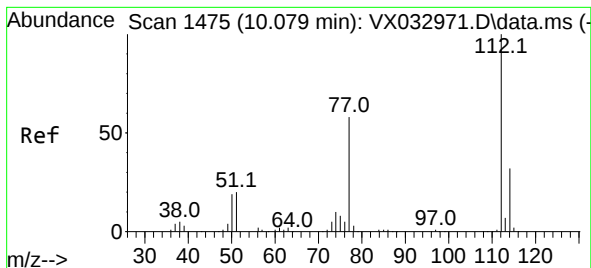
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#64
Tetrachloroethene
Concen: 47.205 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

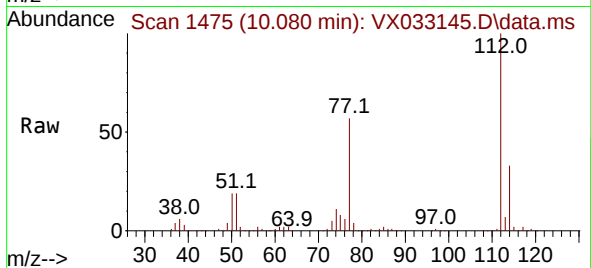
Tgt Ion:164 Resp: 69044
Ion Ratio Lower Upper
164 100
166 128.8 105.4 158.2
129 99.1 78.2 117.2
131 92.7 72.5 108.7





#65
Chlorobenzene
Concen: 50.558 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

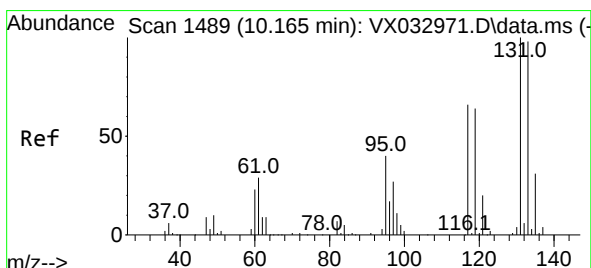
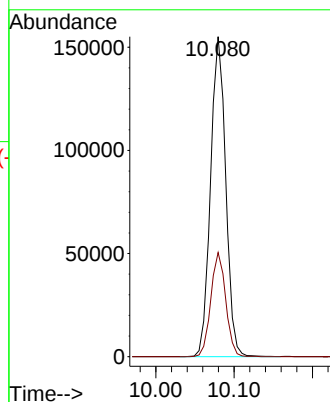
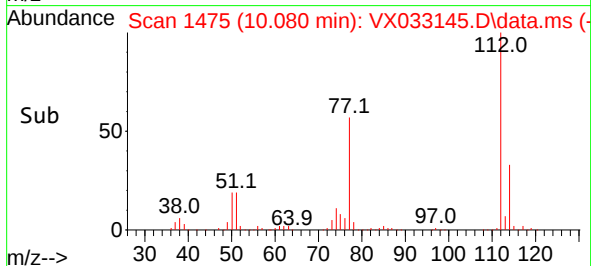
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



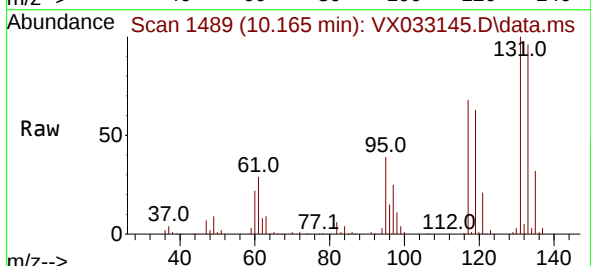
Tgt Ion:112 Resp: 20828
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

Manual Integrations
APPROVED

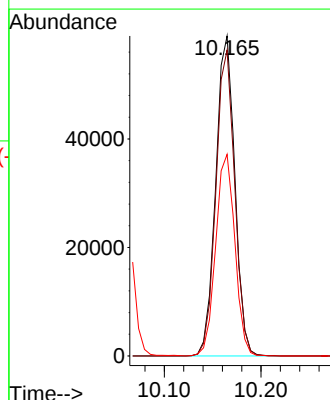
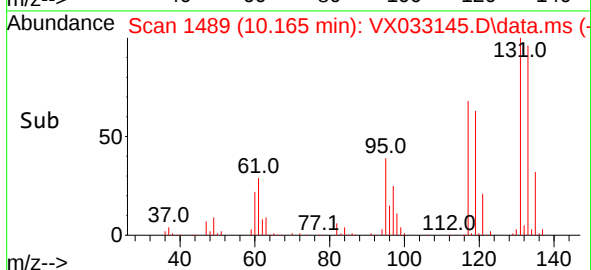
Reviewed By :John Carbone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

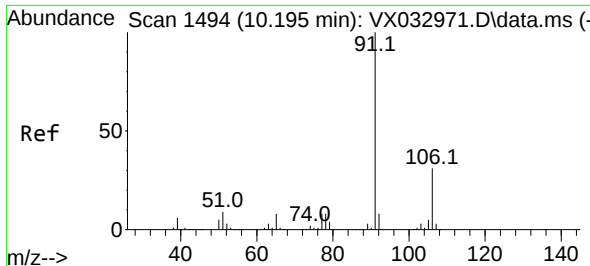


#66
1,1,1,2-Tetrachloroethane
Concen: 53.431 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



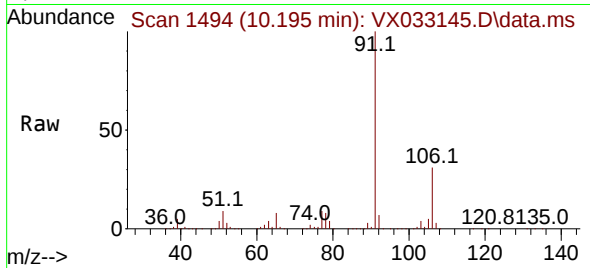
Tgt Ion:131 Resp: 80654
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 63.5 32.4 97.0





#67
Ethyl Benzene
Concen: 52.648 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

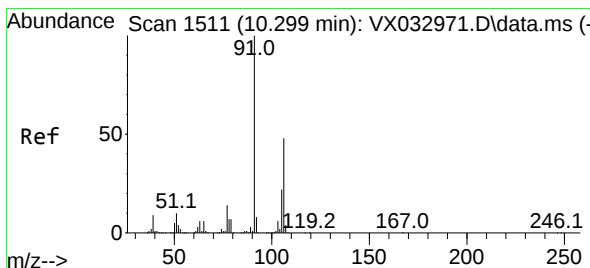
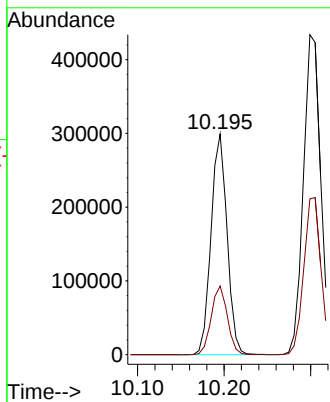
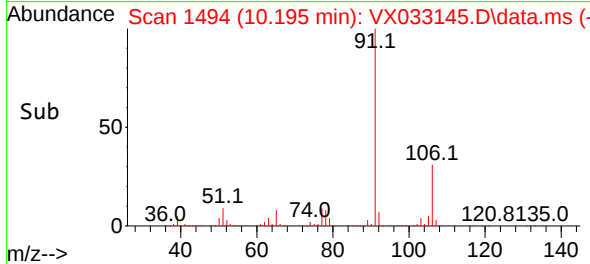
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



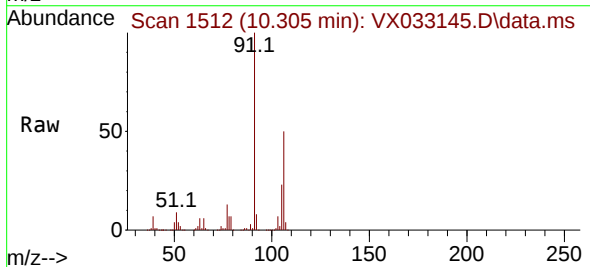
Tgt Ion: 91 Resp: 384740
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

Manual Integrations
APPROVED

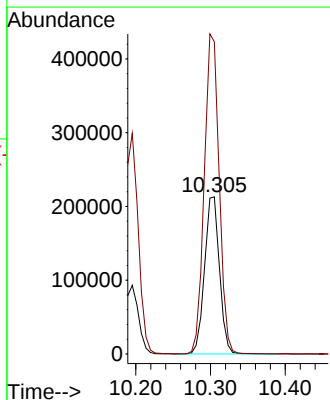
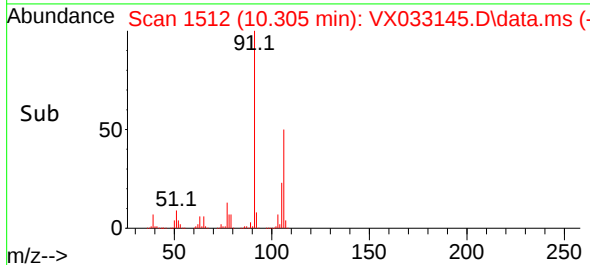
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

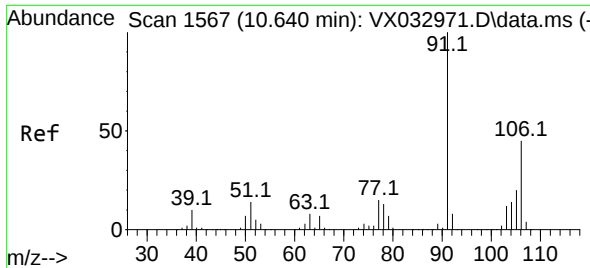


#68
m/p-Xylenes
Concen: 102.851 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



Tgt Ion:106 Resp: 294329
Ion Ratio Lower Upper
106 100
91 204.3 164.5 246.7





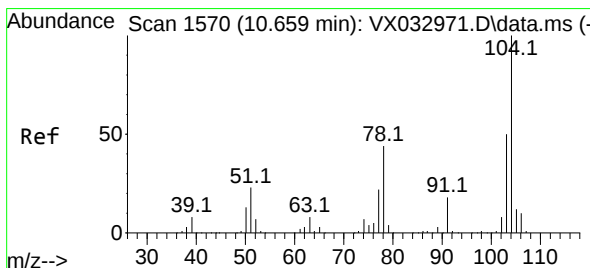
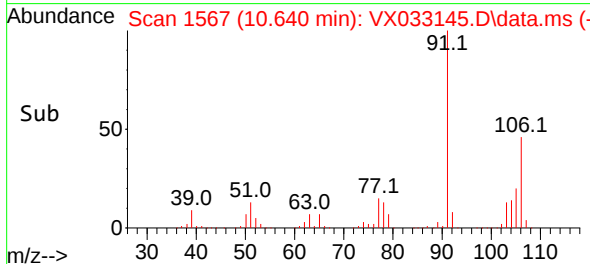
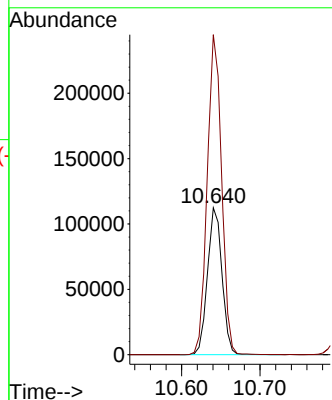
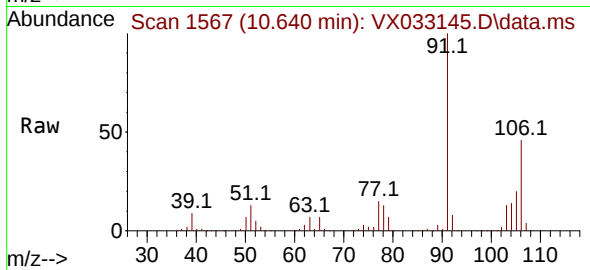
#69
o-Xylene
Concen: 52.078 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 144198
Ion Ratio Lower Upper
106 100
91 215.3 109.2 327.6

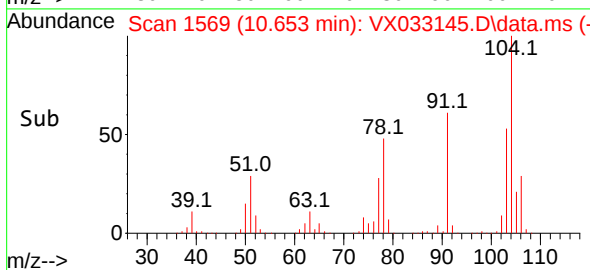
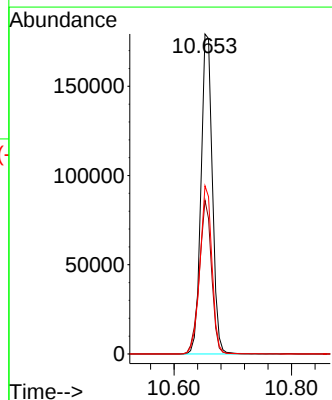
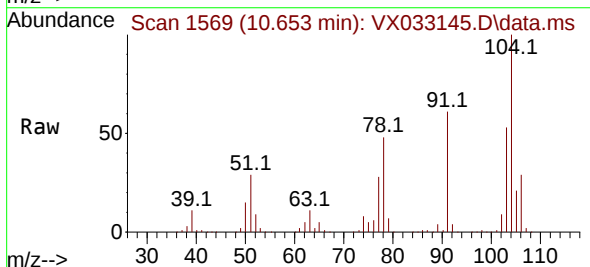
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#70
Styrene
Concen: 52.938 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion:104 Resp: 239802
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 55.8 44.5 66.7





#71

Bromoform

Concen: 53.225 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

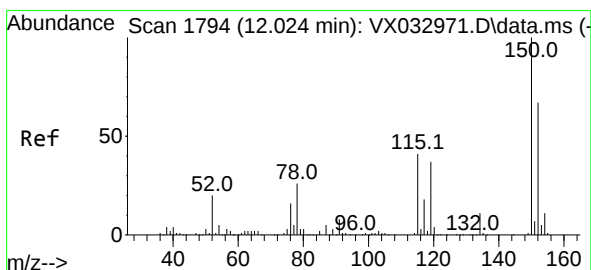
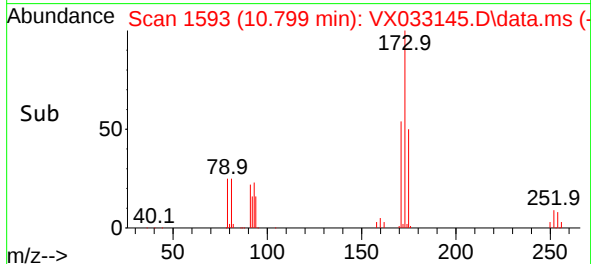
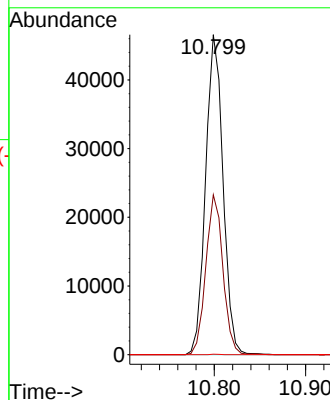
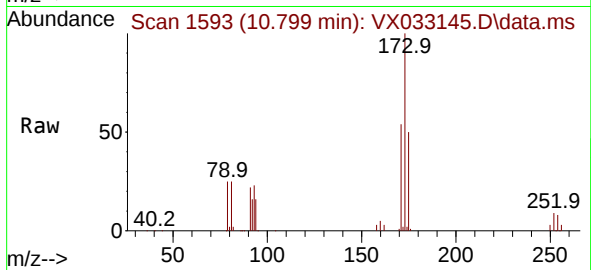
Tgt Ion:173	Resp: 61600
Ion Ratio	Lower Upper
173 100	
175 49.1	23.9 71.8
254 0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

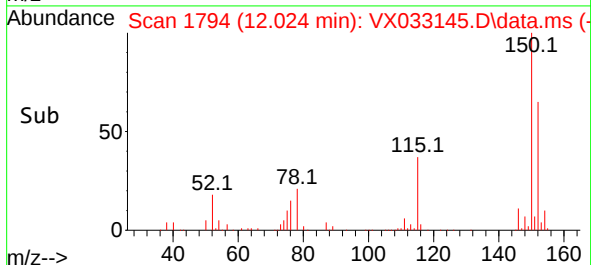
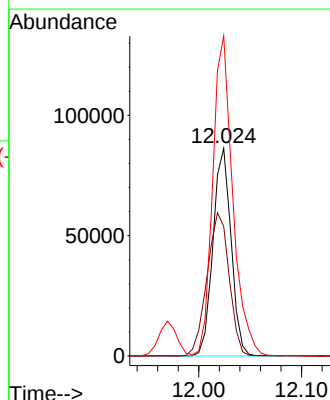
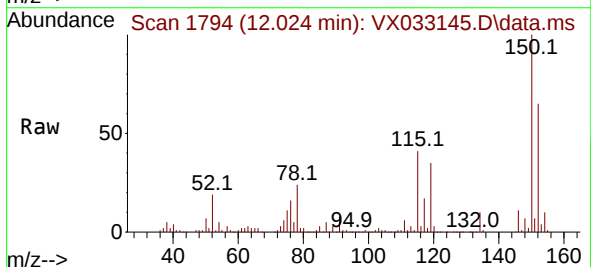
RT: 12.024 min Scan# 1794

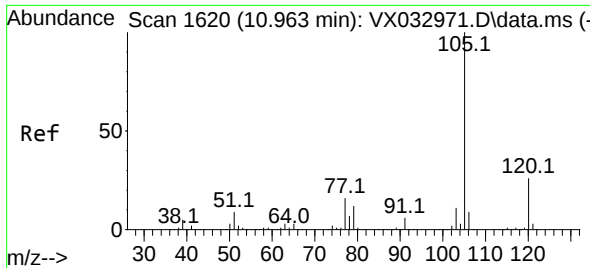
Delta R.T. 0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

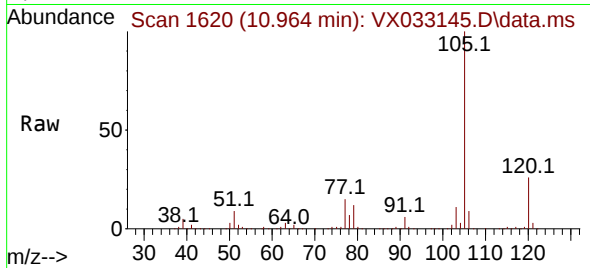
Tgt Ion:152	Resp: 105545
Ion Ratio	Lower Upper
152 100	
115 84.4	44.0 132.0
150 171.2	0.0 351.8





#73
Isopropylbenzene
Concen: 51.167 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

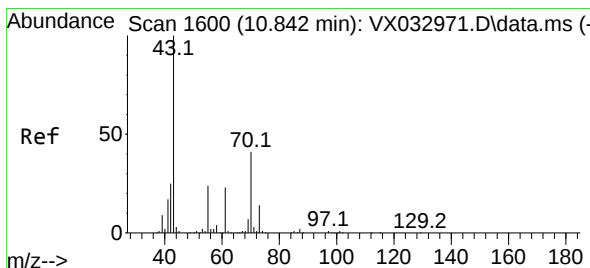
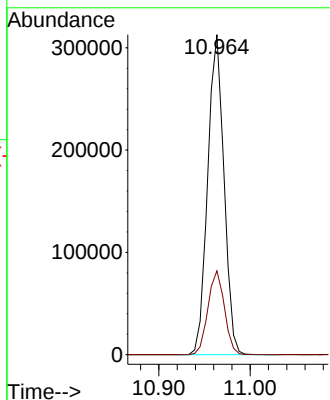
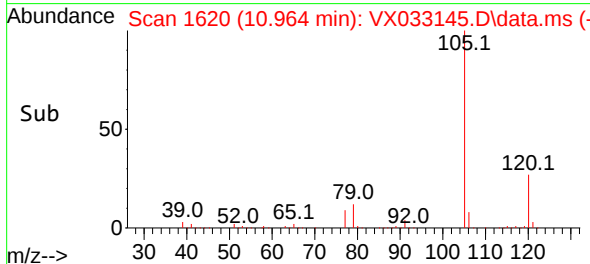
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



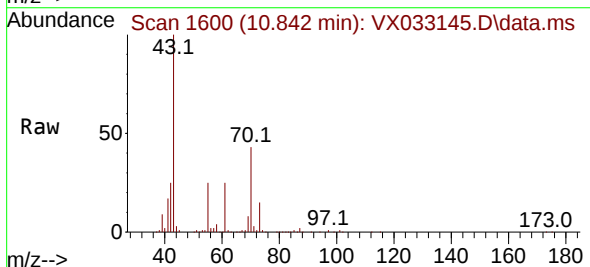
Tgt Ion:105 Resp: 38591
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

Manual Integrations
APPROVED

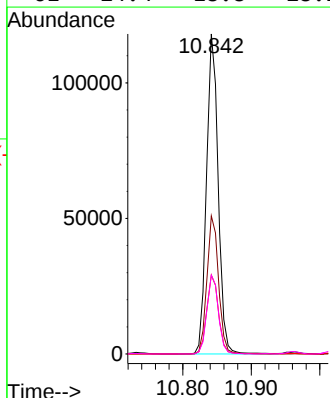
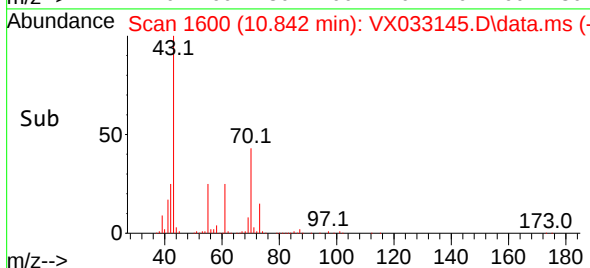
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

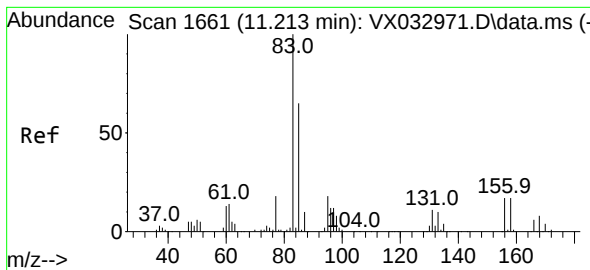


#74
N-ethyl acetate
Concen: 54.555 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



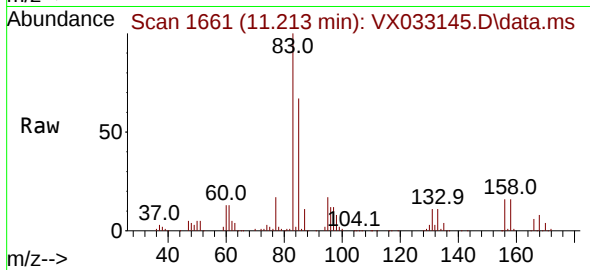
Tgt Ion: 43 Resp: 139971
Ion Ratio Lower Upper
43 100
70 43.1 33.6 50.4
55 25.1 19.4 29.2
61 24.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.249 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

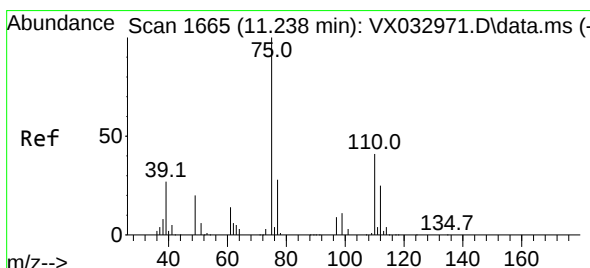
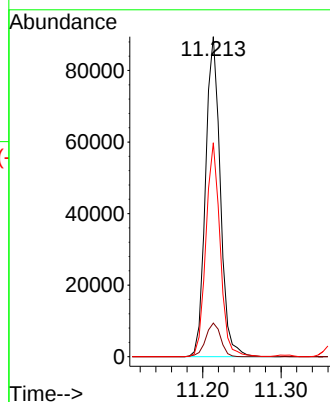
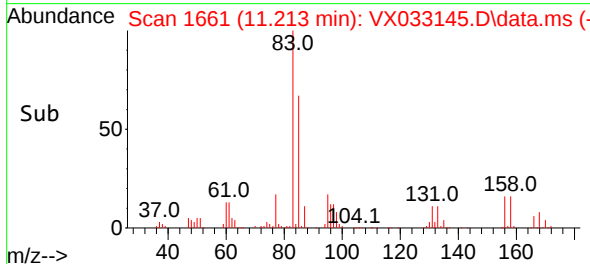
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 116660
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.4 31.9 95.9

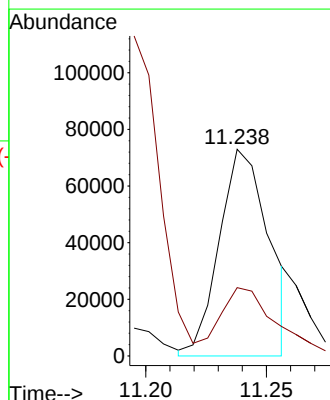
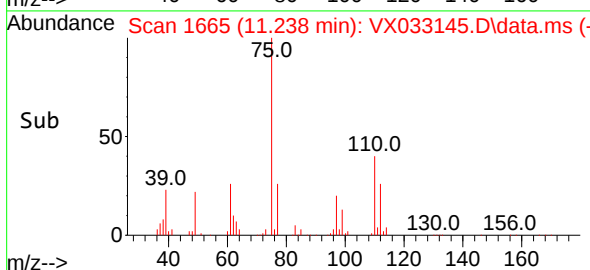
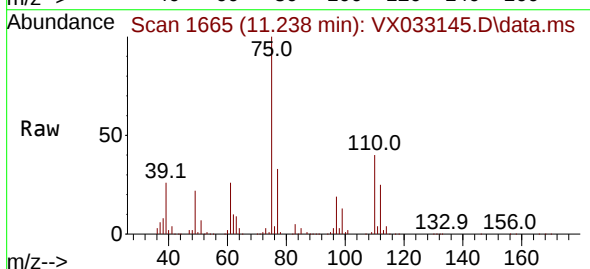
Manual Integrations
APPROVED

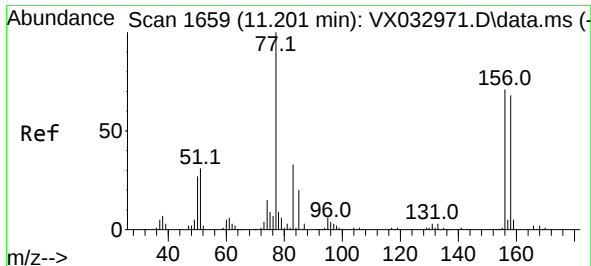
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#76
1,2,3-Trichloropropane
Concen: 52.106 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

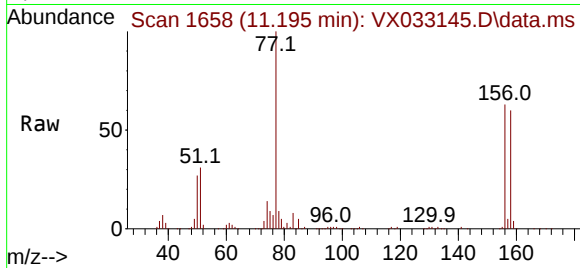
Tgt Ion: 75 Resp: 104153
Ion Ratio Lower Upper
75 100
77 37.9 20.0 60.0





#77
Bromobenzene
Concen: 50.716 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

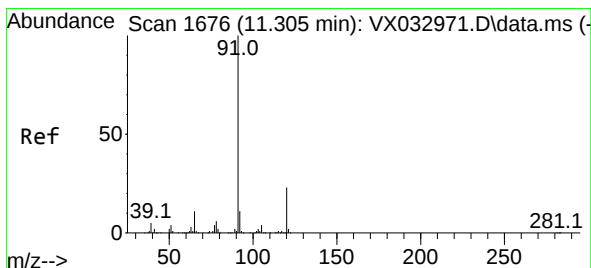
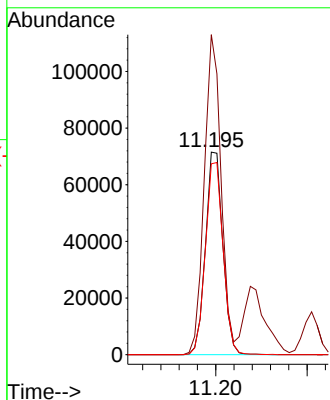
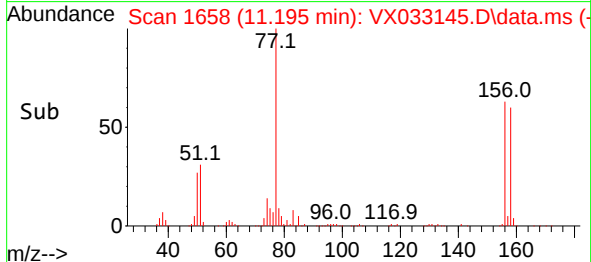
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



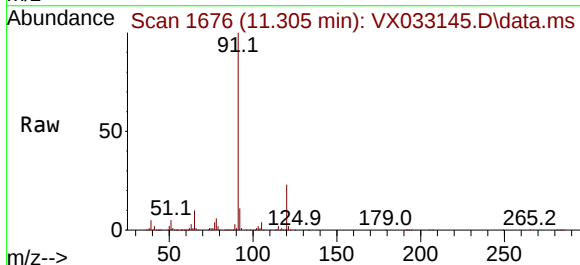
Tgt Ion:156 Resp: 94073
Ion Ratio Lower Upper
156 100
77 152.5 76.1 228.4
158 97.0 48.8 146.3

Manual Integrations
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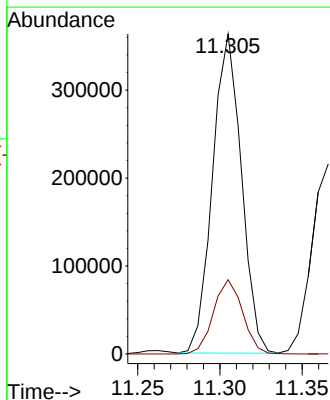
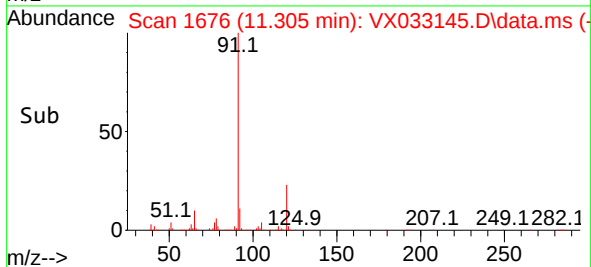
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

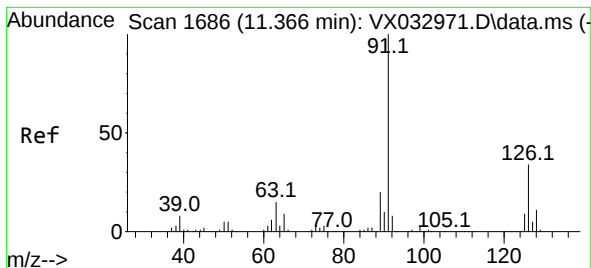


#78
n-propylbenzene
Concen: 51.279 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19



Tgt Ion: 91 Resp: 442193
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





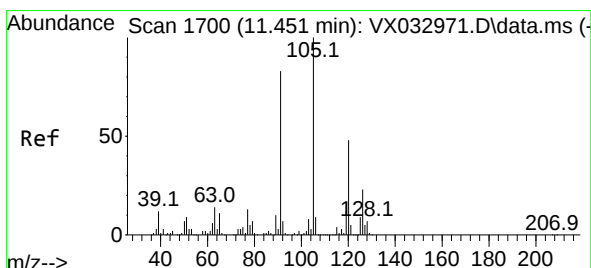
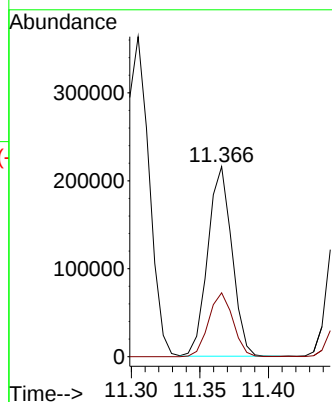
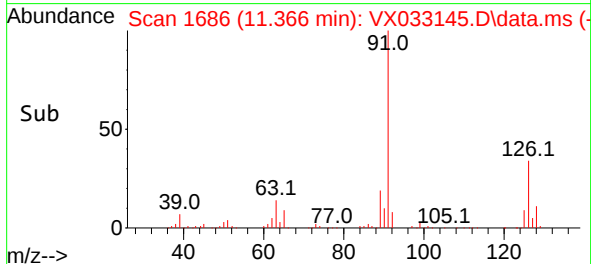
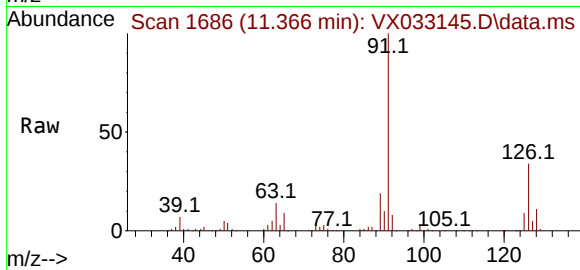
#79
2-Chlorotoluene
Concen: 50.546 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 26472
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

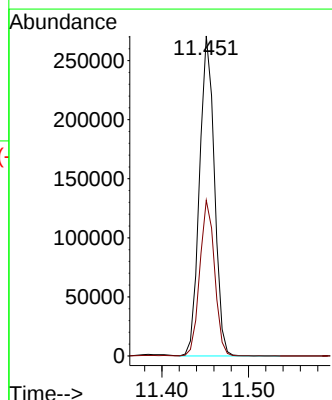
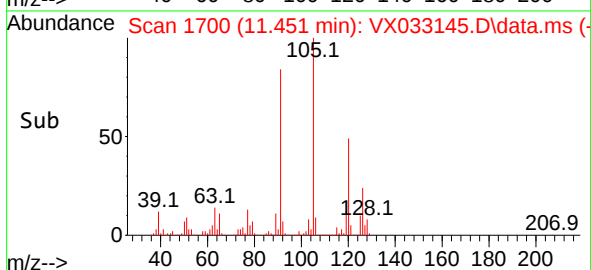
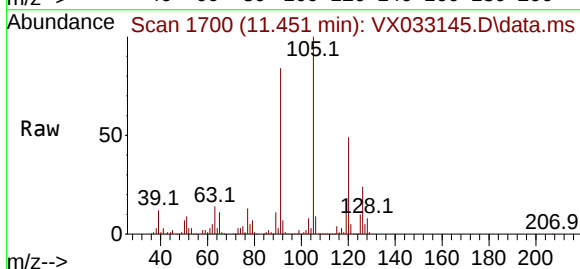
Manual Integrations
APPROVED

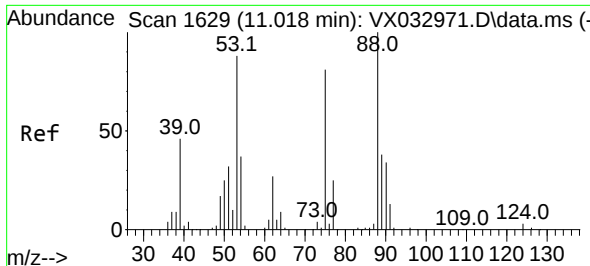
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.049 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion:105 Resp: 323444
Ion Ratio Lower Upper
105 100
120 48.2 23.6 71.0





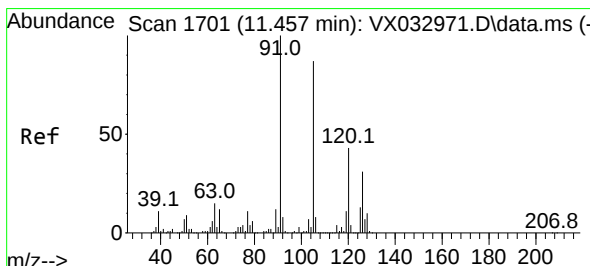
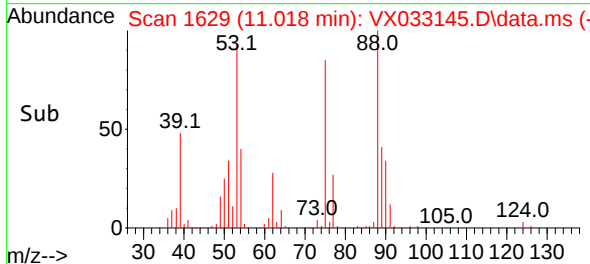
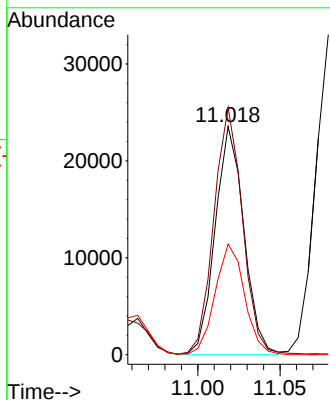
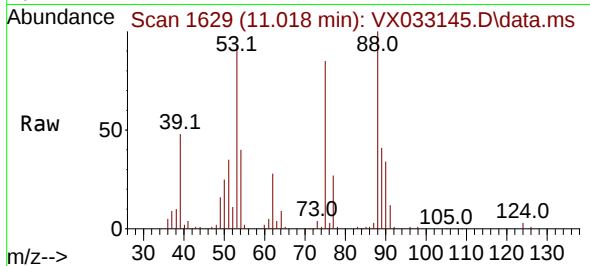
#81
trans-1,4-Dichloro-2-butene
Concen: 46.520 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2860
Ion Ratio Lower Upper
75 100
53 108.2 86.9 130.3
89 49.5 38.3 57.5

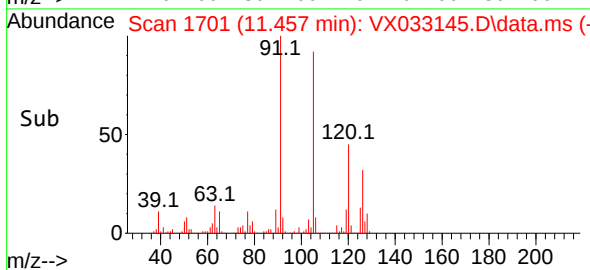
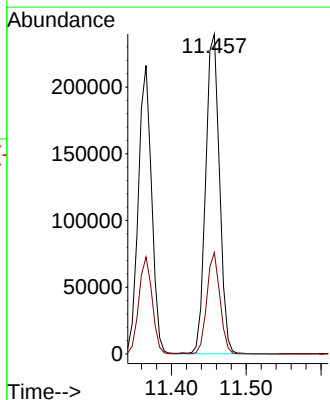
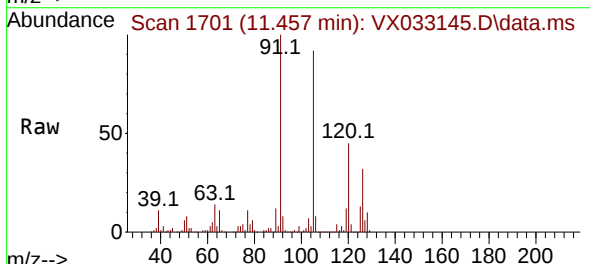
Manual Integrations
APPROVED

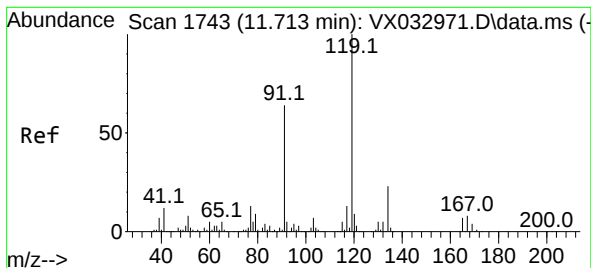
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#82
4-Chlorotoluene
Concen: 50.120 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion: 91 Resp: 307610
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.4





#83

tert-Butylbenzene

Concen: 51.857 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 32705

Ion Ratio Lower Upper

119 100

91 57.5 29.4 88.2

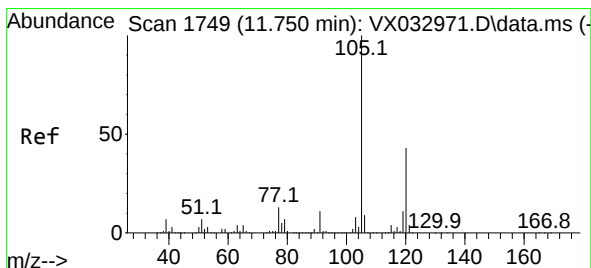
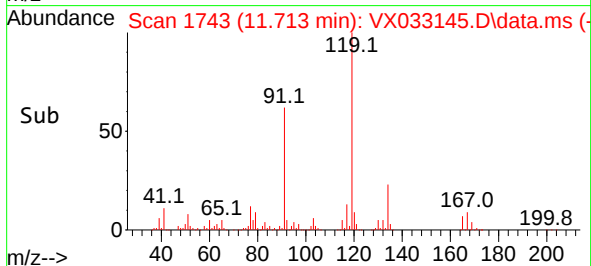
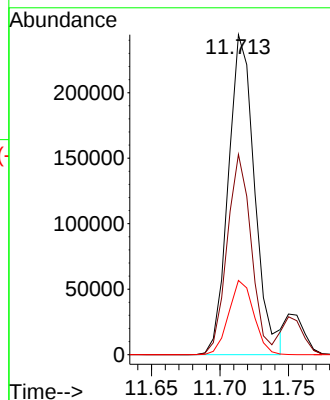
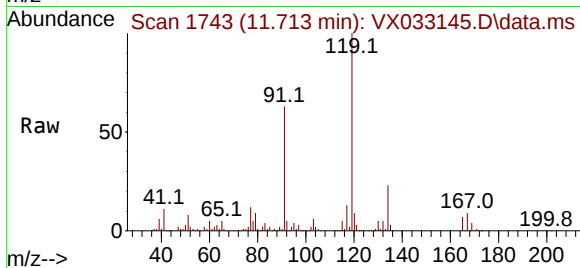
134 22.2 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#84

1,2,4-Trimethylbenzene

Concen: 51.417 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033145.D

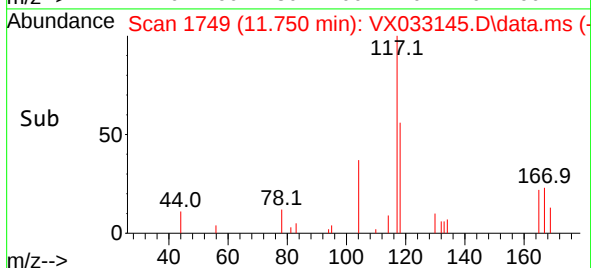
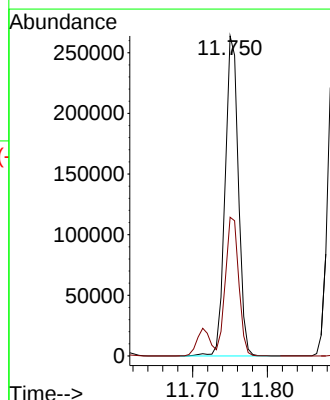
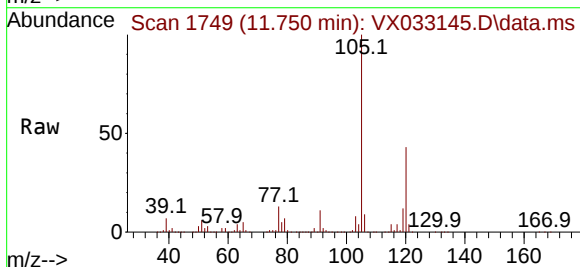
Acq: 30 Nov 2022 20:19

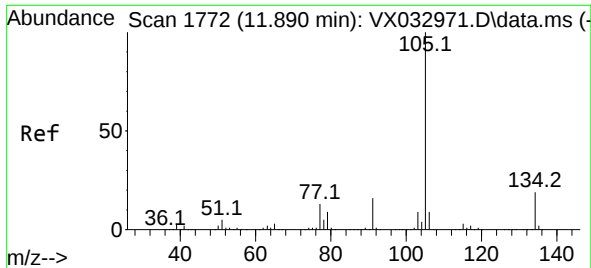
Tgt Ion:105 Resp: 324833

Ion Ratio Lower Upper

105 100

120 43.6 21.9 65.5





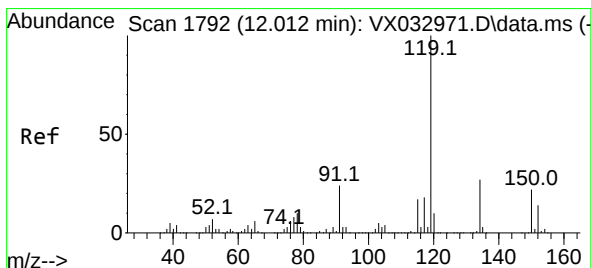
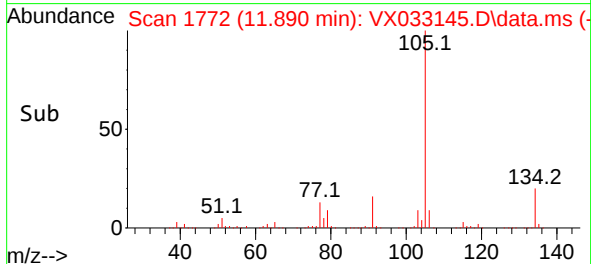
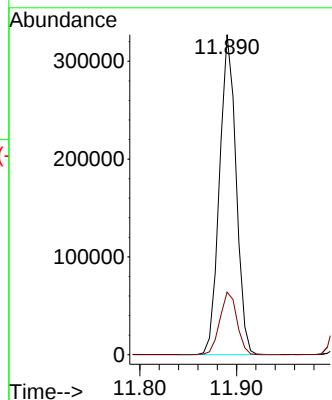
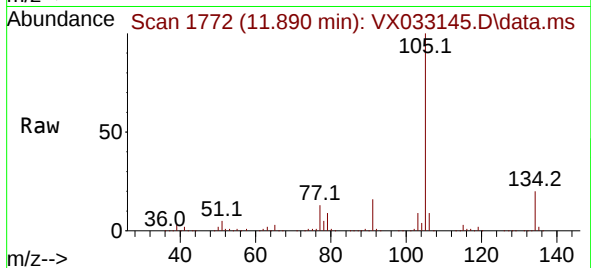
#85
 sec-Butylbenzene
 Concen: 51.532 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033145.D
 Acq: 30 Nov 2022 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 38882
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

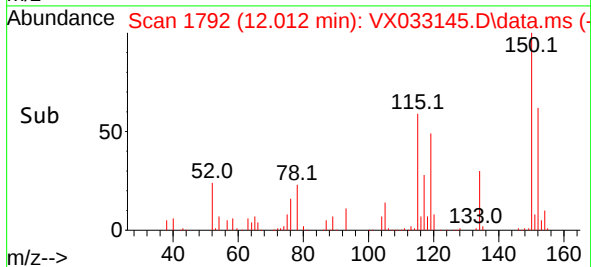
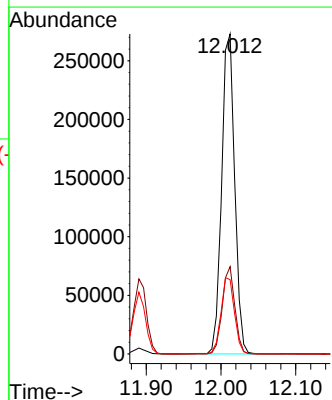
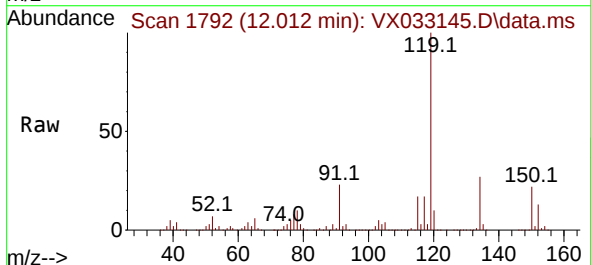
Manual Integrations
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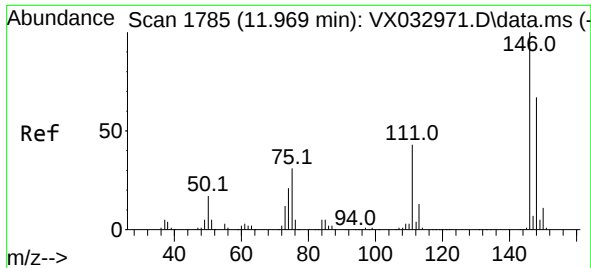
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022



#86
 p-Isopropyltoluene
 Concen: 51.698 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033145.D
 Acq: 30 Nov 2022 20:19

Tgt Ion:119 Resp: 330491
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 24.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 49.877 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 173529

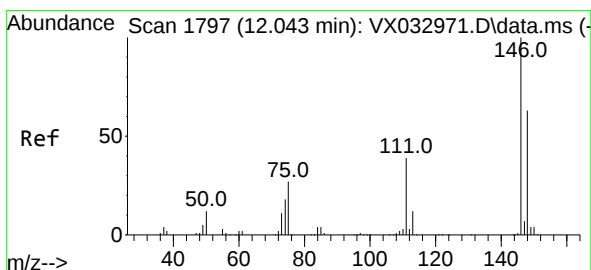
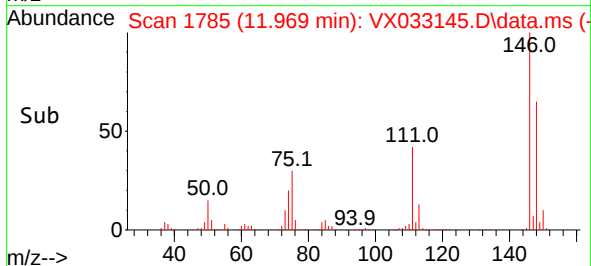
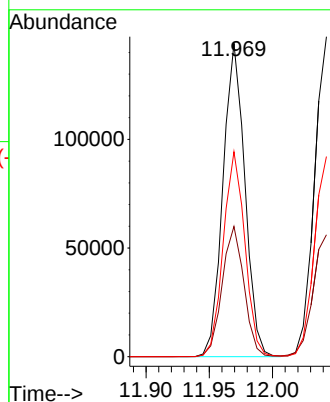
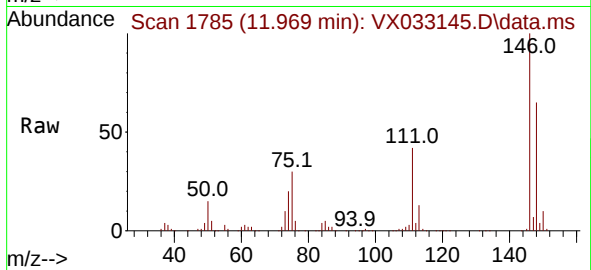
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.8
148	64.4	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#88

1,4-Dichlorobenzene

Concen: 49.070 ug/l

RT: 12.043 min Scan# 1797

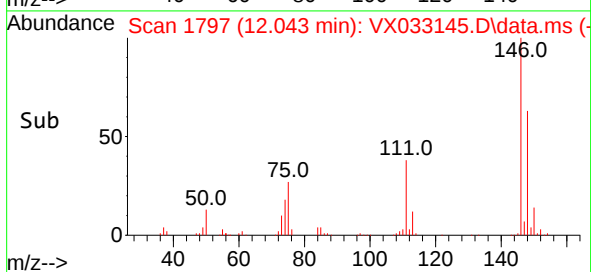
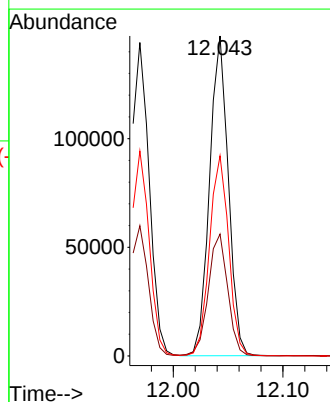
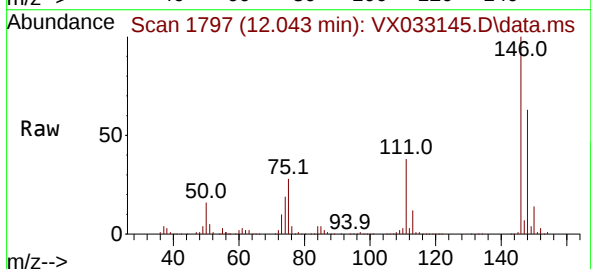
Delta R.T. 0.001 min

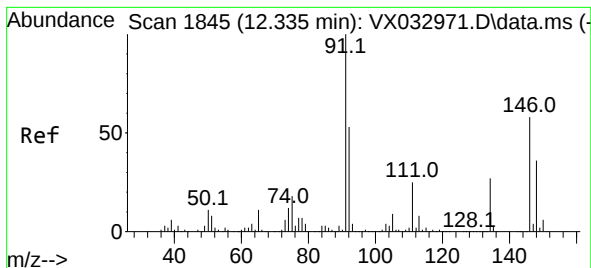
Lab File: VX033145.D

Acq: 30 Nov 2022 20:19

Tgt Ion:146 Resp: 174840

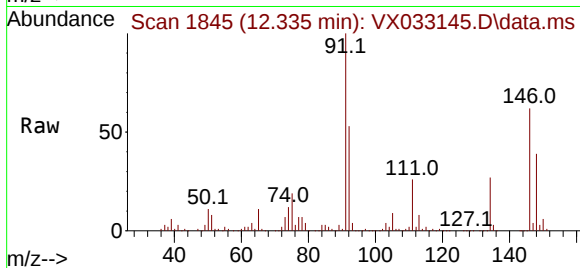
Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.5	61.6
148	64.2	32.2	96.6





#89
n-Butylbenzene
Concen: 50.575 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

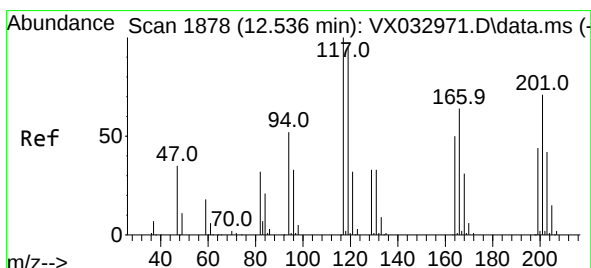
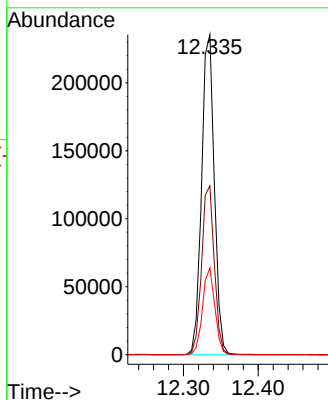
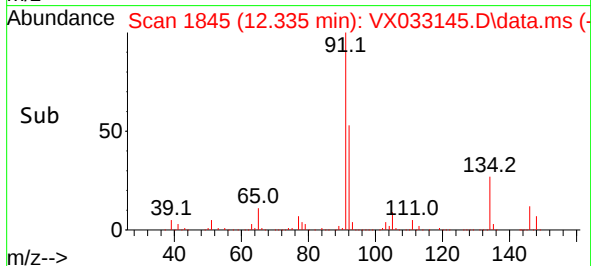
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 278530
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.6
134 26.3 12.9 38.6

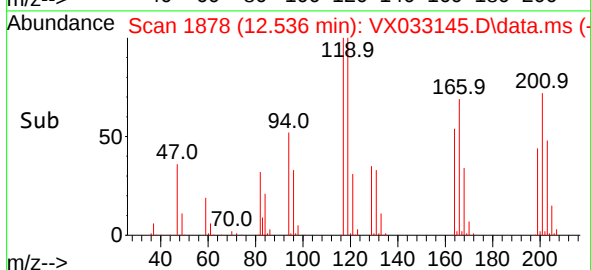
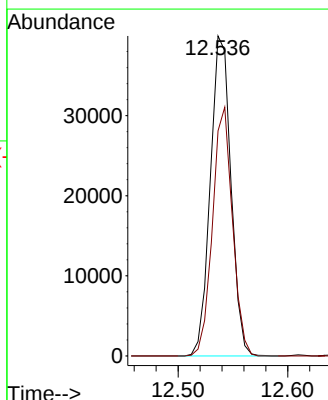
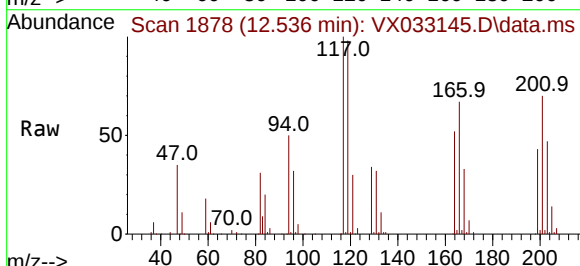
Manual Integrations
APPROVED

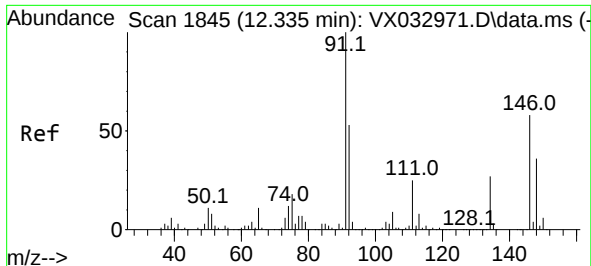
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#90
Hexachloroethane
Concen: 49.598 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

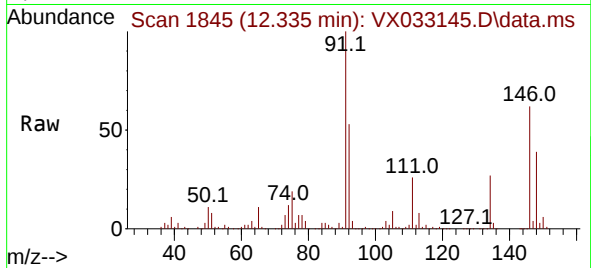
Tgt Ion:117 Resp: 52092
Ion Ratio Lower Upper
117 100
201 75.3 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 50.388 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

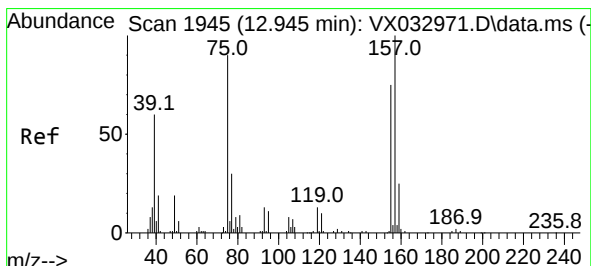
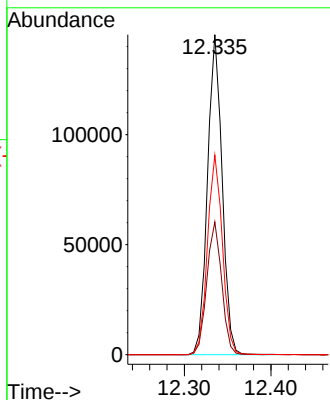
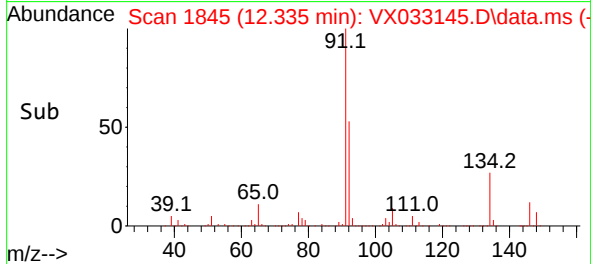
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 170532
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 63.7 32.0 96.2

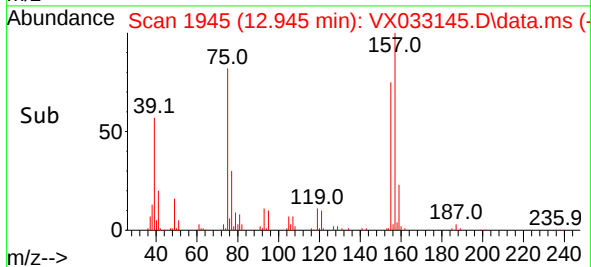
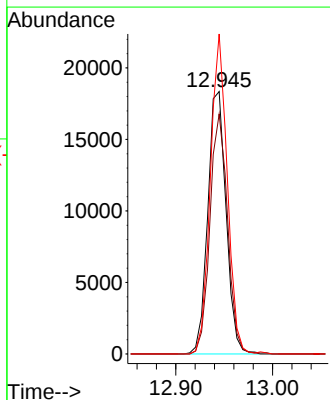
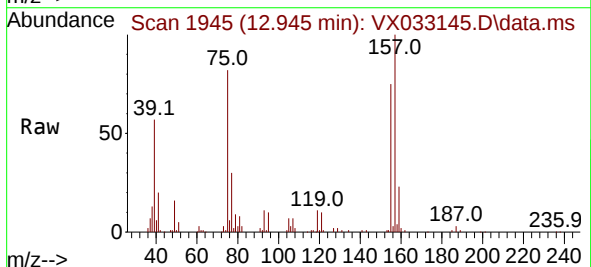
Manual Integrations
APPROVED

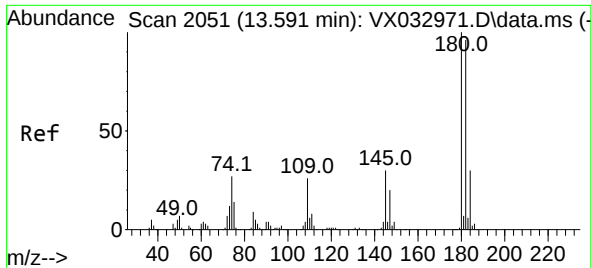
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.336 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion: 75 Resp: 24224
Ion Ratio Lower Upper
75 100
155 88.0 41.6 124.8
157 112.4 54.1 162.4





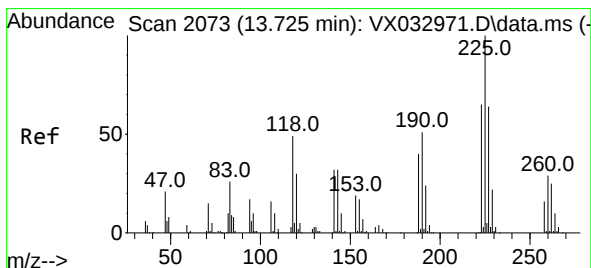
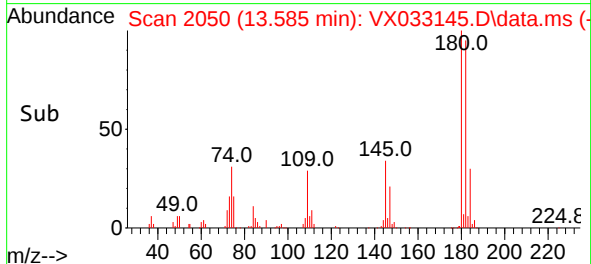
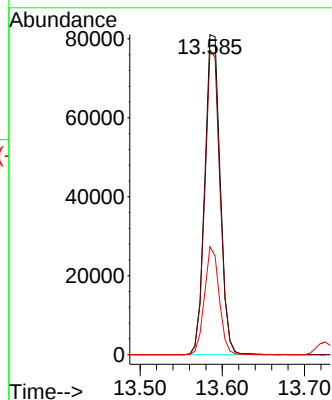
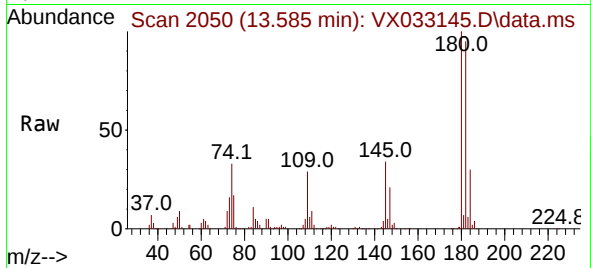
#93
1,2,4-Trichlorobenzene
Concen: 50.456 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 10526
Ion Ratio Lower Upper
180 100
182 94.5 48.4 145.0
145 32.3 16.2 48.5

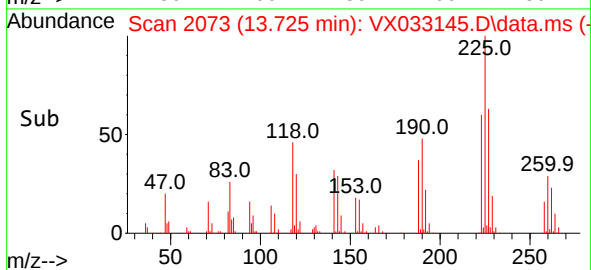
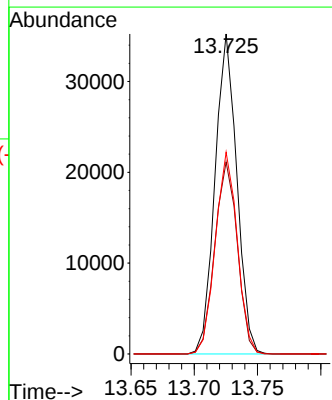
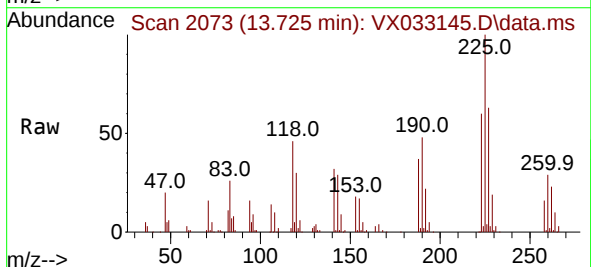
Manual Integrations
APPROVED

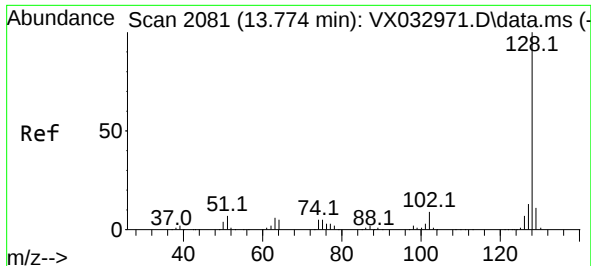
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#94
Hexachlorobutadiene
Concen: 45.822 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

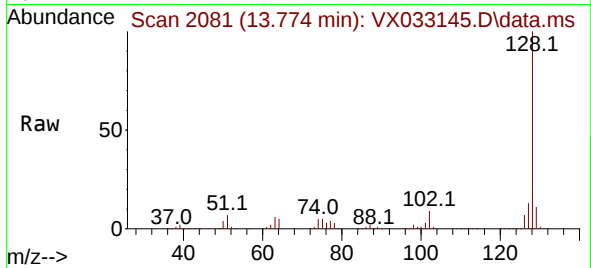
Tgt Ion:225 Resp: 42174
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.9
227 63.4 31.9 95.5





#95
Naphthalene
Concen: 53.503 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

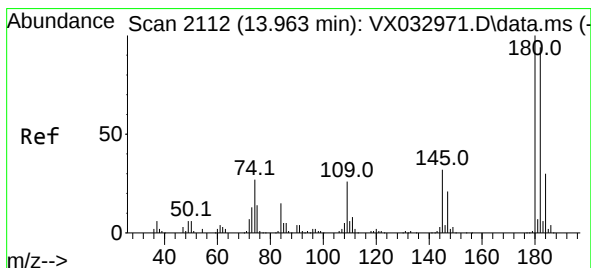
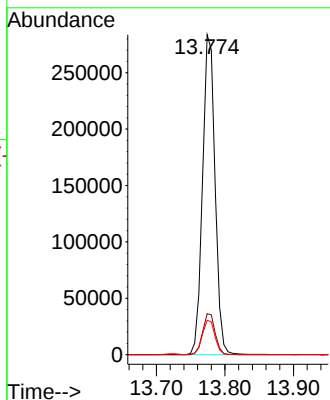
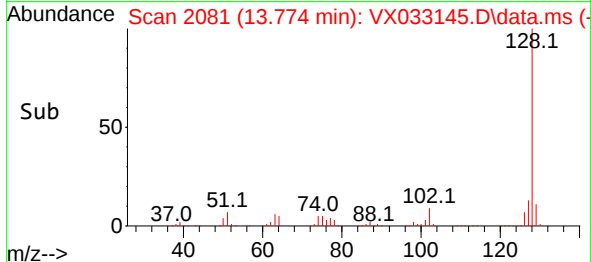
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 361093
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 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.621 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033145.D
Acq: 30 Nov 2022 20:19

Tgt Ion:180 Resp: 105903
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.6
145 33.9 16.9 50.6

