

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034177.D
 Acq On : 20 Feb 2023 11:01
 Operator : JC/MD
 Sample : VX0220WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 21 01:04:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	409322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	696257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	607298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	288553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	263891	47.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.740%		
35) Dibromofluoromethane	5.385	113	221766	48.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.840%		
50) Toluene-d8	8.647	98	825794	50.737	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.480%		
62) 4-Bromofluorobenzene	11.079	95	306637	49.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66912	18.918	ug/l	97
3) Chloromethane	1.294	50	99918	19.631	ug/l	97
4) Vinyl Chloride	1.374	62	102387	22.088	ug/l	99
5) Bromomethane	1.611	94	45568	22.284	ug/l	98
6) Chloroethane	1.691	64	53431	22.928	ug/l	100
7) Trichlorofluoromethane	1.892	101	136956	21.839	ug/l	98
8) Diethyl Ether	2.136	74	54125	21.423	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	81771	18.515	ug/l	95
10) Methyl Iodide	2.453	142	104243	19.385	ug/l	93
11) Tert butyl alcohol	2.959	59	109951	89.176	ug/l #	84
12) 1,1-Dichloroethene	2.325	96	84836	19.162	ug/l	92
13) Acrolein	2.233	56	49480	87.914	ug/l	97
14) Allyl chloride	2.666	41	171128	18.222	ug/l	88
15) Acrylonitrile	3.062	53	264336	98.276	ug/l	99
16) Acetone	2.380	43	228247	80.265	ug/l	92
17) Carbon Disulfide	2.514	76	238643	18.748	ug/l	100
18) Methyl Acetate	2.703	43	174086	19.785	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	305389	19.544	ug/l	99
20) Methylene Chloride	2.788	84	95128	18.566	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	90915	19.597	ug/l	94
22) Diisopropyl ether	3.757	45	343833	20.884	ug/l	99
23) Vinyl Acetate	3.721	43	1361127	103.186	ug/l	100
24) 1,1-Dichloroethane	3.611	63	173068	19.148	ug/l	99
25) 2-Butanone	4.550	43	377514	91.751	ug/l	99
26) 2,2-Dichloropropane	4.477	77	151726	18.530	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	107120	19.499	ug/l	95
28) Bromochloromethane	4.897	49	81343	20.174	ug/l	87
29) Tetrahydrofuran	5.001	42	247454	98.585	ug/l	98
30) Chloroform	5.092	83	170460	19.640	ug/l	99
31) Cyclohexane	5.470	56	158115	19.211	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	149468	19.211	ug/l	99
36) 1,1-Dichloropropene	5.696	75	126736	18.904	ug/l	98
37) Ethyl Acetate	4.708	43	146561	19.560	ug/l	100
38) Carbon Tetrachloride	5.678	117	128140	18.574	ug/l	98
39) Methylcyclohexane	7.379	83	159355	18.470	ug/l	96
40) Benzene	6.037	78	386922	19.475	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	82706	19.812	ug/l	99
42) 1,2-Dichloroethane	6.086	62	132014	18.892	ug/l	100
43) Isopropyl Acetate	6.336	43	259709	19.642	ug/l	99
44) Trichloroethene	7.123	130	99497	19.515	ug/l	92
45) 1,2-Dichloropropane	7.427	63	104897	19.833	ug/l	95
46) Dibromomethane	7.580	93	66970	19.240	ug/l	89
47) Bromodichloromethane	7.824	83	135556	18.976	ug/l	96
48) Methyl methacrylate	7.690	41	121599	19.376	ug/l	99
49) 1,4-Dioxane	7.671	88	45949	367.078	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	753528	103.584	ug/l	98
52) Toluene	8.720	92	237451	19.724	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	159877	19.444	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	171092	19.436	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	98374	20.245	ug/l	98
56) Ethyl methacrylate	9.116	69	163174	19.850	ug/l	98
57) 1,3-Dichloropropane	9.305	76	169144	20.007	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	348634	97.905	ug/l	95
59) 2-Hexanone	9.427	43	558168	100.680	ug/l	99
60) Dibromochloromethane	9.518	129	105818	19.708	ug/l	100
61) 1,2-Dibromoethane	9.610	107	102450	19.935	ug/l	98
64) Tetrachloroethene	9.275	164	82643	19.281	ug/l	91
65) Chlorobenzene	10.079	112	249428	19.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	95891	19.567	ug/l	97
67) Ethyl Benzene	10.195	91	448392	19.716	ug/l	100
68) m/p-Xylenes	10.299	106	350740	40.299	ug/l	98
69) o-Xylene	10.640	106	171674	19.813	ug/l	95
70) Styrene	10.652	104	285083	20.230	ug/l	96
71) Bromoform	10.799	173	77466	19.366	ug/l #	99
73) Isopropylbenzene	10.963	105	435830	19.818	ug/l	100
74) N-amyl acetate	10.841	43	215204	19.479	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	148857	19.790	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	140677m	19.375	ug/l	
77) Bromobenzene	11.195	156	105082	19.856	ug/l	86
78) n-propylbenzene	11.305	91	507505	19.843	ug/l	98
79) 2-Chlorotoluene	11.366	91	303882	19.377	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	365535	19.770	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	51982	18.392	ug/l	91
82) 4-Chlorotoluene	11.457	91	350911	19.645	ug/l	96
83) tert-Butylbenzene	11.713	119	372770	19.685	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	366070	19.582	ug/l	97
85) sec-Butylbenzene	11.890	105	451988	19.655	ug/l	98
86) p-Isopropyltoluene	12.012	119	373939	19.649	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	194466	19.593	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	196545	19.633	ug/l	97
89) n-Butylbenzene	12.335	91	328923	19.405	ug/l	98
90) Hexachloroethane	12.536	117	75967	19.091	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	191173	19.687	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32882	18.332	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	119617	19.186	ug/l	97
94) Hexachlorobutadiene	13.725	225	49107	19.000	ug/l	97
95) Naphthalene	13.774	128	416253	19.819	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	121052	19.558	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

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

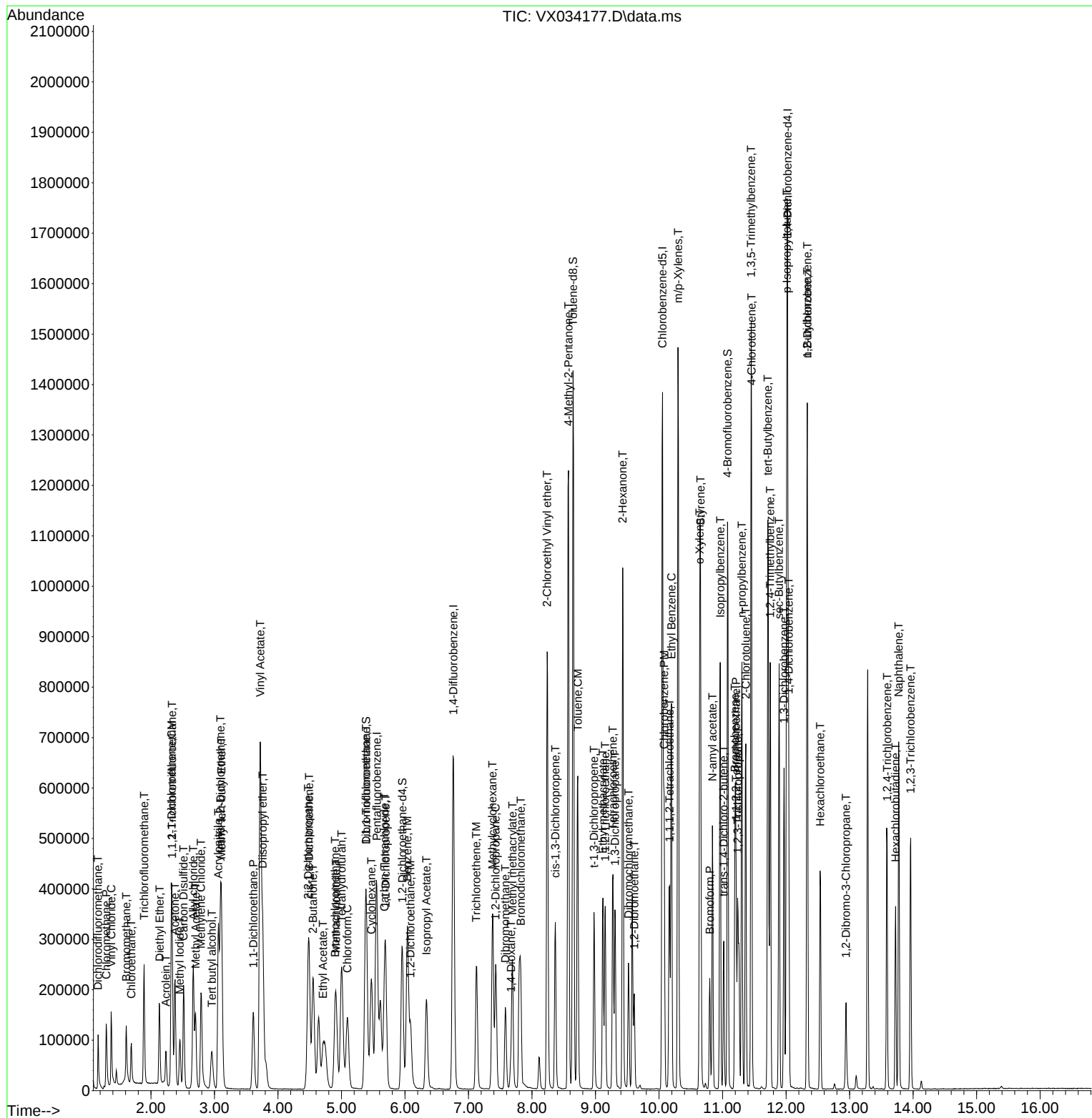
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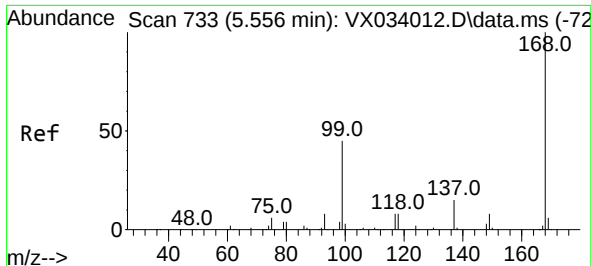
Instrument :
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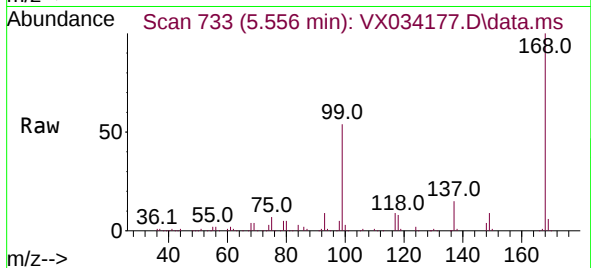
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034177.D
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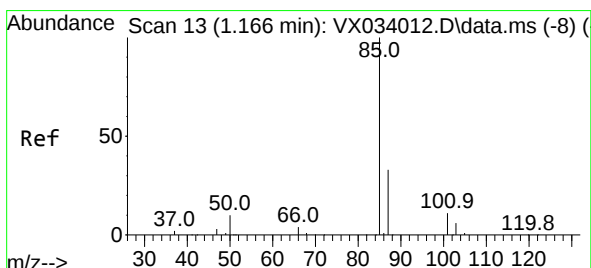
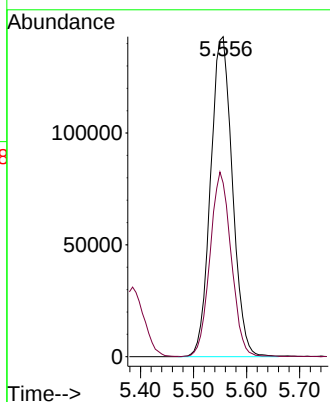
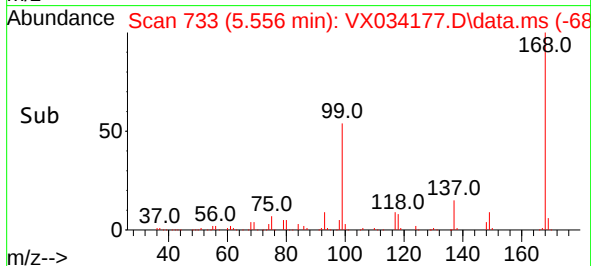
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



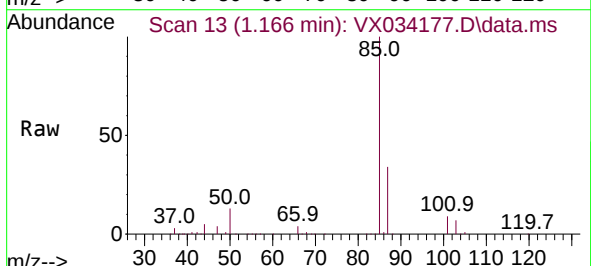
Tgt Ion:168 Resp: 40932
Ion Ratio Lower Upper
168 100
99 54.1 39.6 59.4

Manual Integrations
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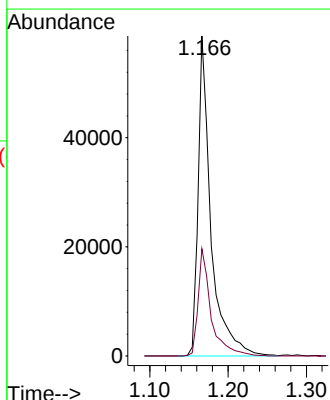
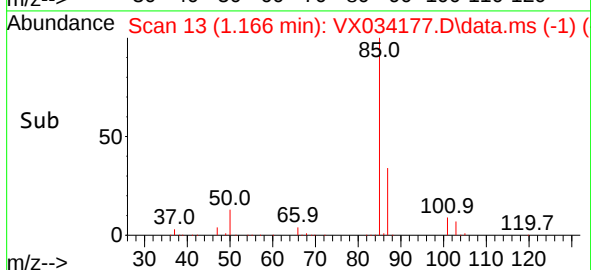
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

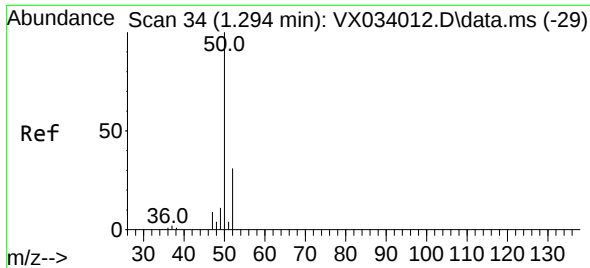


#2
Dichlorodifluoromethane
Concen: 18.918 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



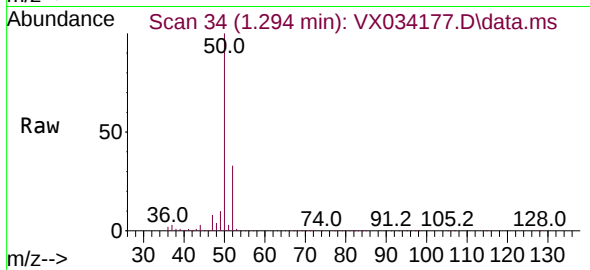
Tgt Ion: 85 Resp: 66912
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





#3
Chloromethane
Concen: 19.631 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

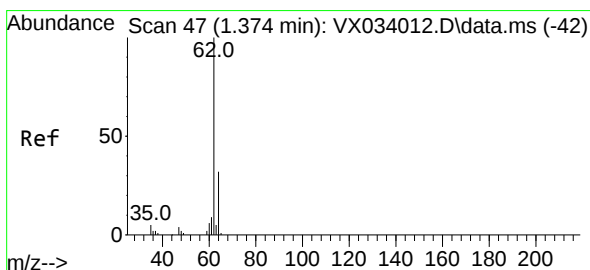
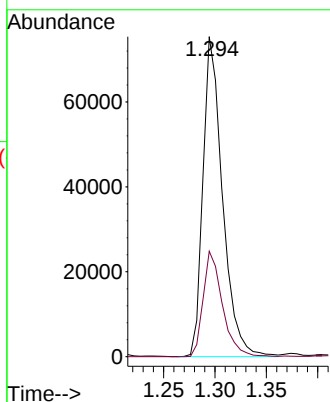
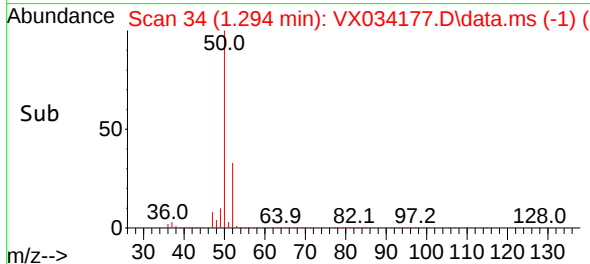
Instrument :
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Tgt Ion: 50 Resp: 99918
Ion Ratio Lower Upper
50 100
52 33.0 25.2 37.8

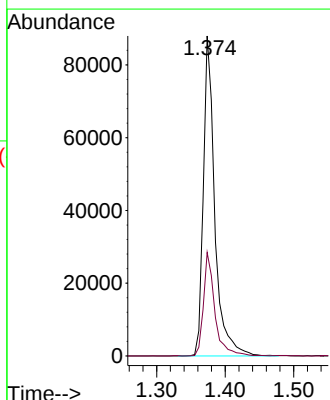
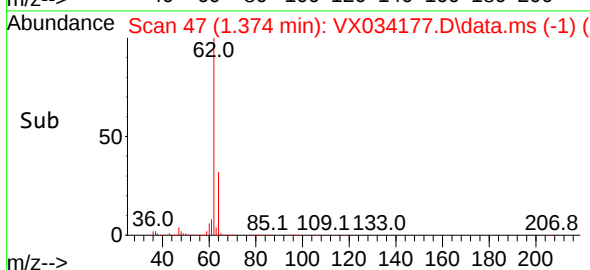
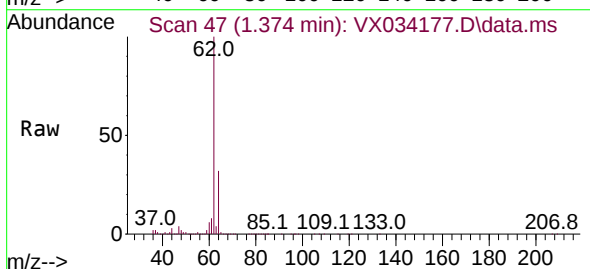
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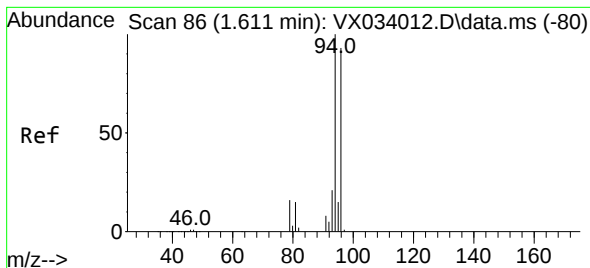
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#4
Vinyl Chloride
Concen: 22.088 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion: 62 Resp: 102387
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.4





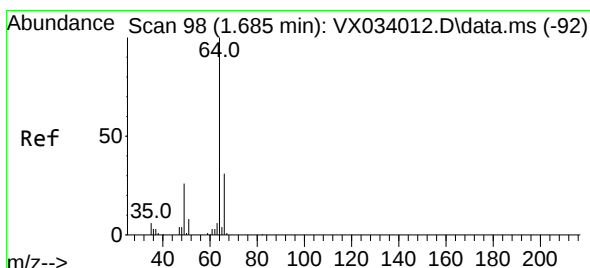
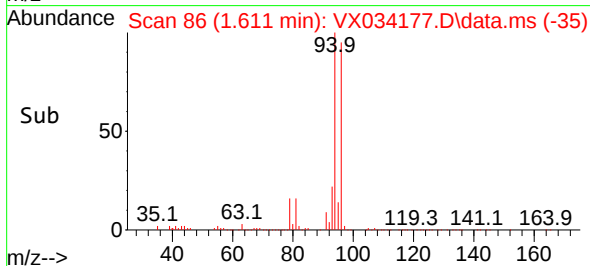
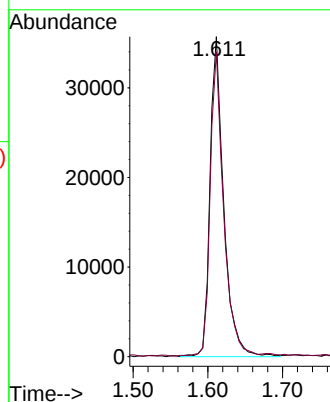
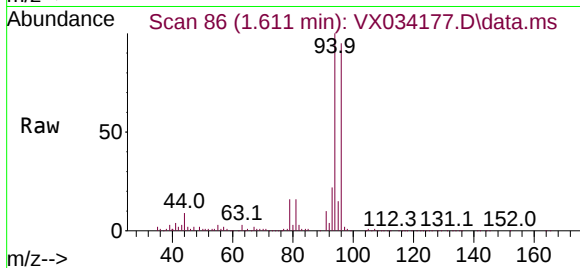
#5
Bromomethane
Concen: 22.284 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034177.D
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Instrument :
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Tgt Ion: 94 Resp: 45568
Ion Ratio Lower Upper
94 100
96 94.9 74.3 111.5

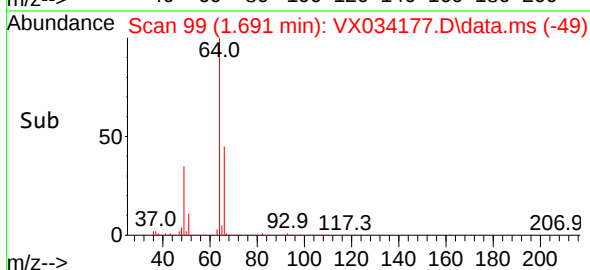
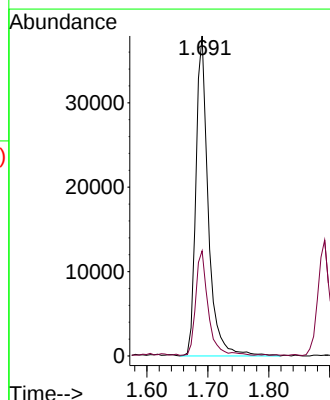
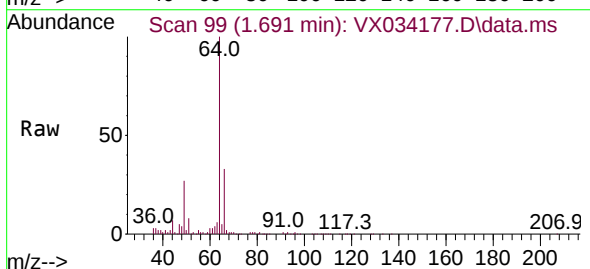
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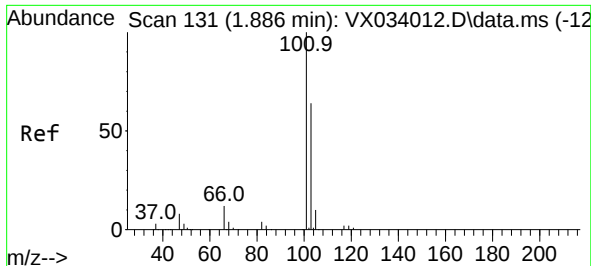
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#6
Chloroethane
Concen: 22.928 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion: 64 Resp: 53431
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1





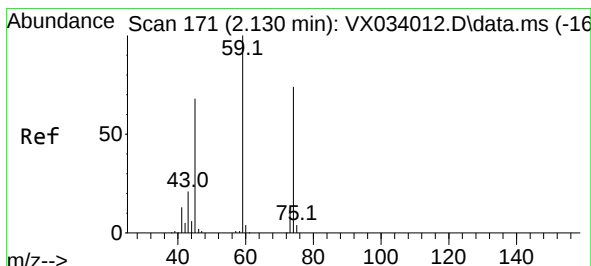
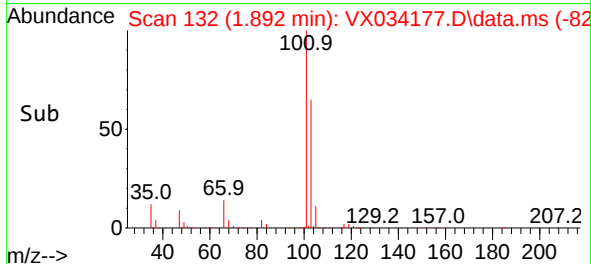
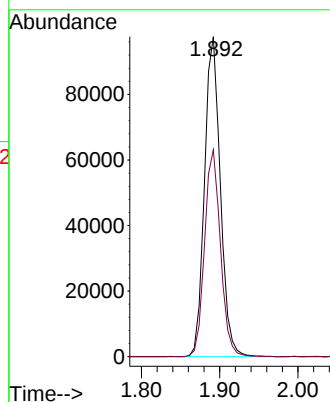
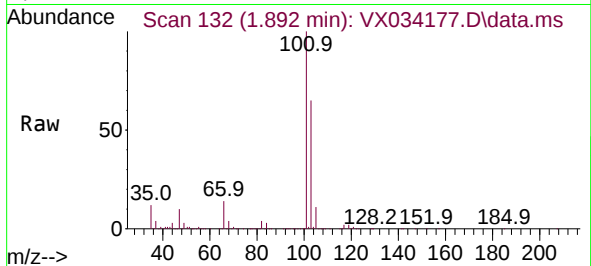
#7
Trichlorofluoromethane
Concen: 21.839 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Instrument :
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Tgt Ion:101 Resp: 136950
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

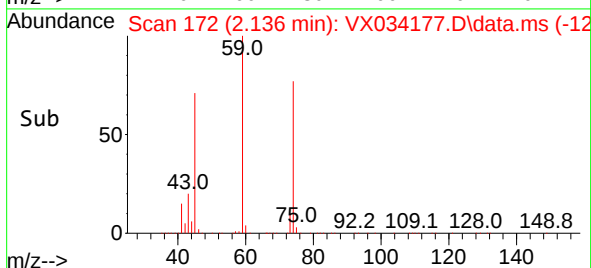
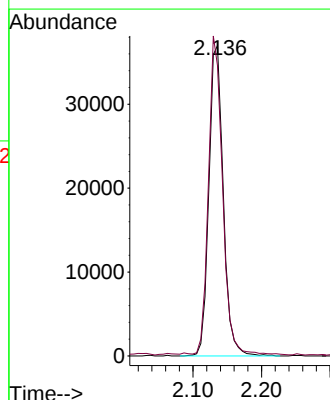
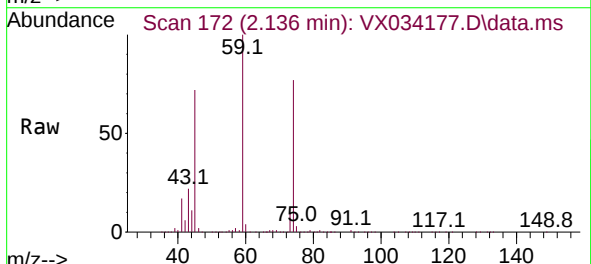
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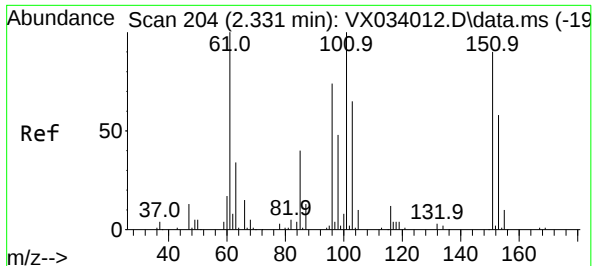
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#8
Diethyl Ether
Concen: 21.423 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion: 74 Resp: 54125
Ion Ratio Lower Upper
74 100
45 100.7 51.5 154.5





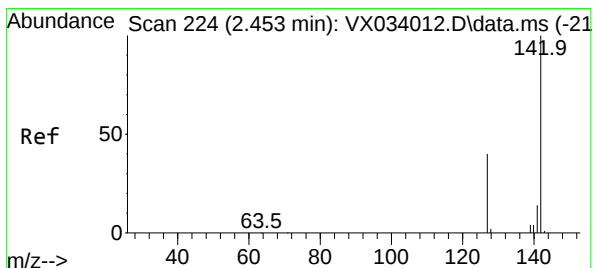
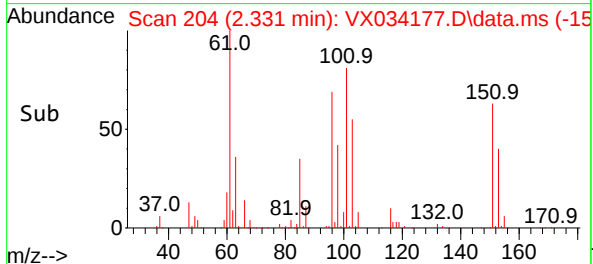
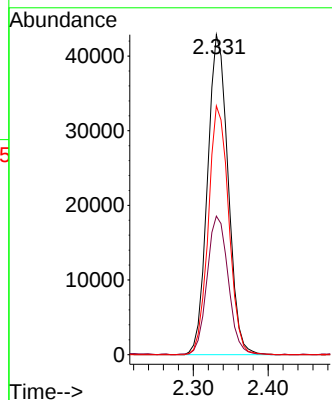
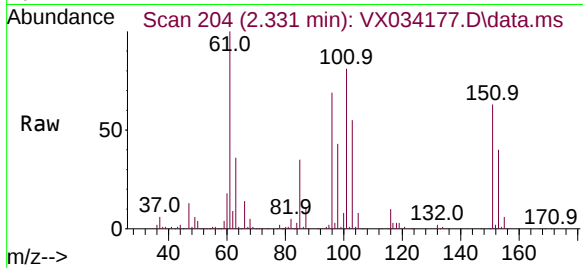
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.515 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion:101 Resp: 8177
Ion Ratio Lower Upper
101 100
85 44.6 36.7 55.1
151 77.1 66.5 99.7

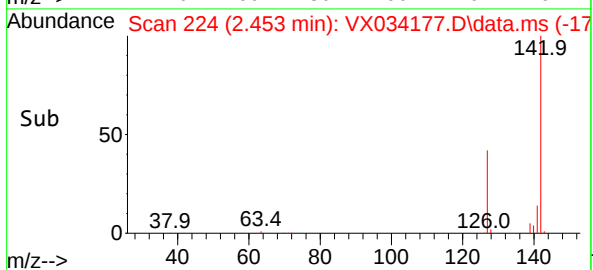
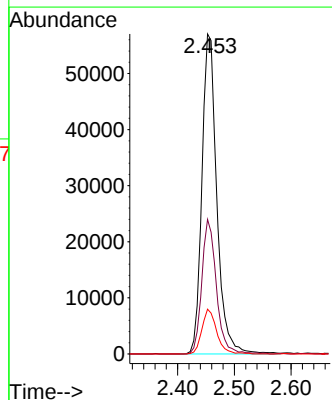
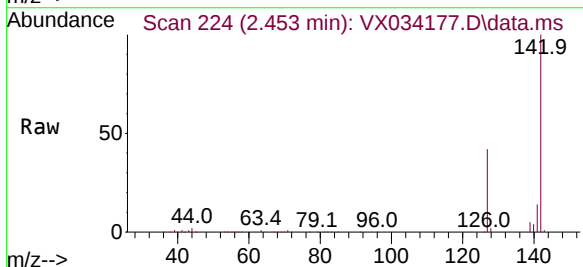
Manual Integrations
APPROVED

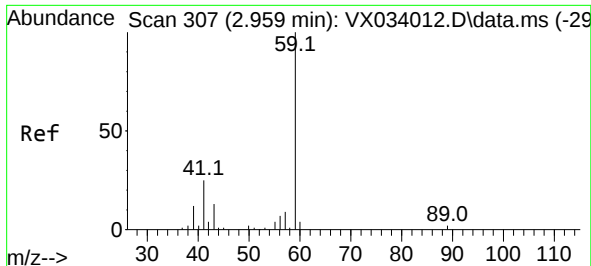
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#10
Methyl Iodide
Concen: 19.385 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

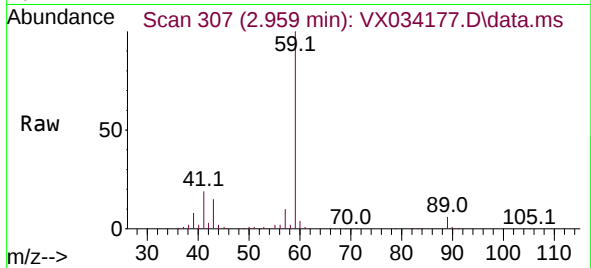
Tgt Ion:142 Resp: 104243
Ion Ratio Lower Upper
142 100
127 41.1 37.3 55.9
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 89.176 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

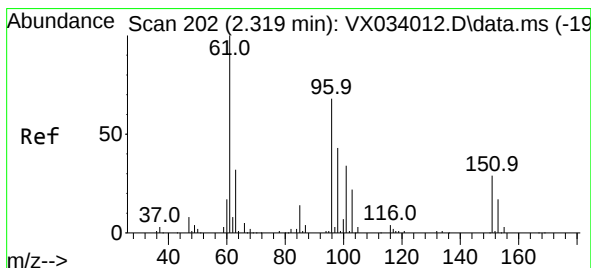
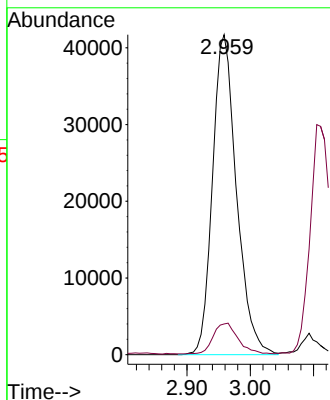
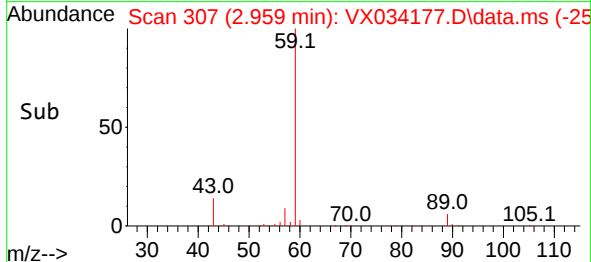
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 59 Resp: 10995
Ion Ratio Lower Upper
59 100
57 9.9 3.7 5.5

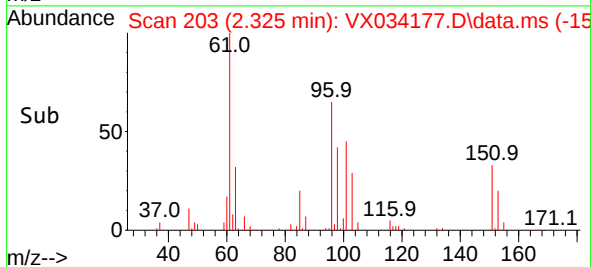
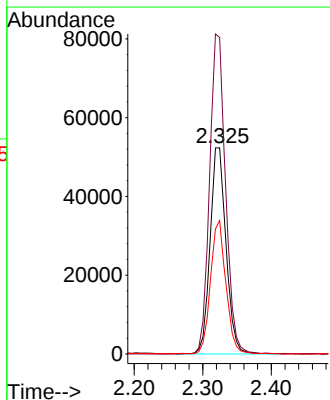
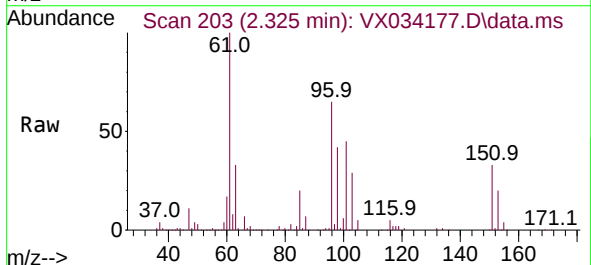
Manual Integrations
APPROVED

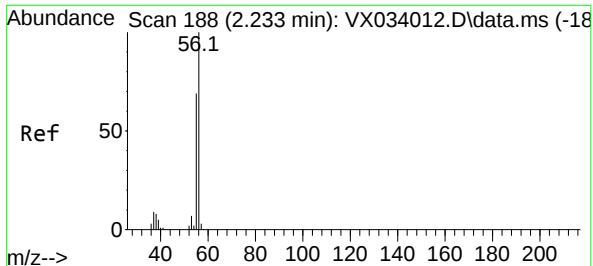
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#12
1,1-Dichloroethene
Concen: 19.162 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion: 96 Resp: 84836
Ion Ratio Lower Upper
96 100
61 153.6 134.2 201.4
98 64.6 50.2 75.2





#13

Acrolein

Concen: 87.914 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034177.D

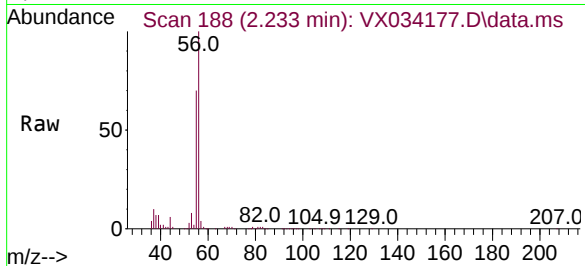
Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01



Tgt Ion: 56 Resp: 49480

Ion Ratio Lower Upper

56 100

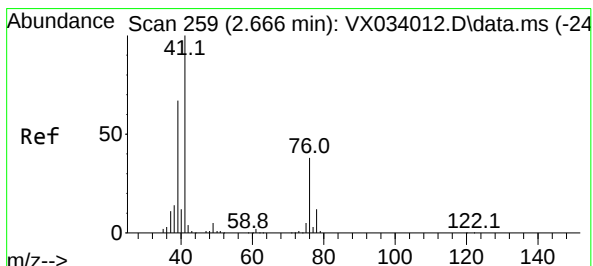
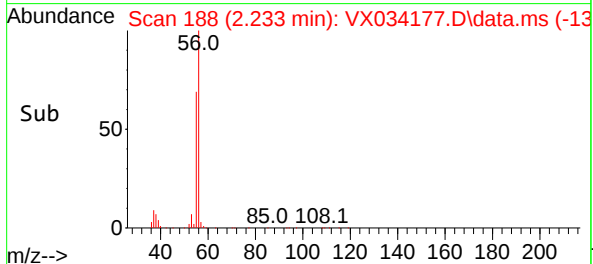
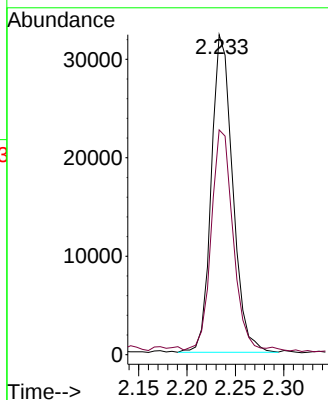
55 72.5 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#14

Allyl chloride

Concen: 18.222 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

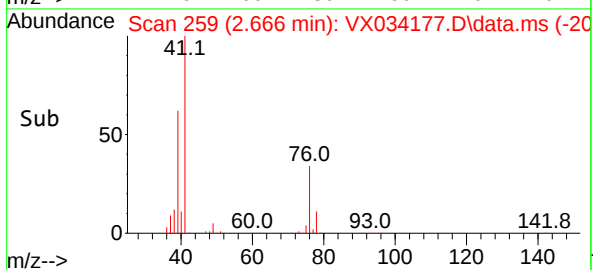
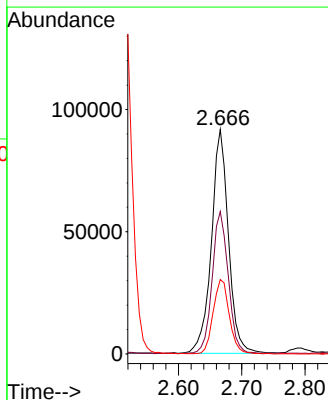
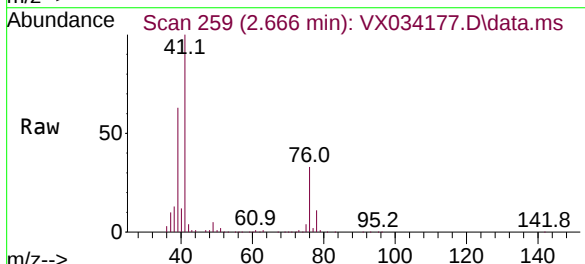
Tgt Ion: 41 Resp: 171128

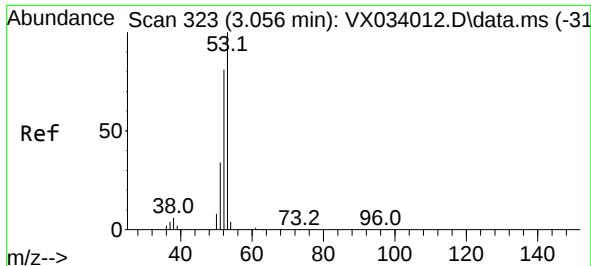
Ion Ratio Lower Upper

41 100

39 60.1 59.0 88.4

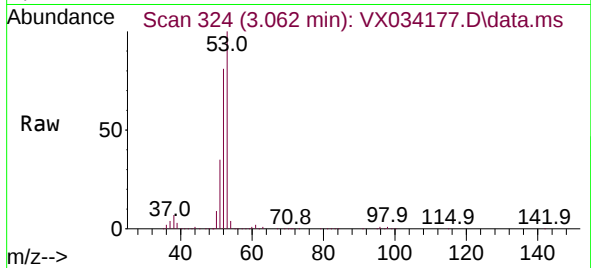
76 31.6 24.6 37.0





#15
Acrylonitrile
Concen: 98.276 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

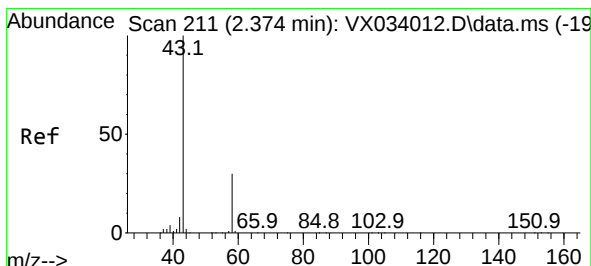
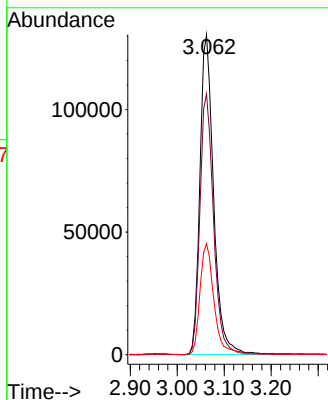
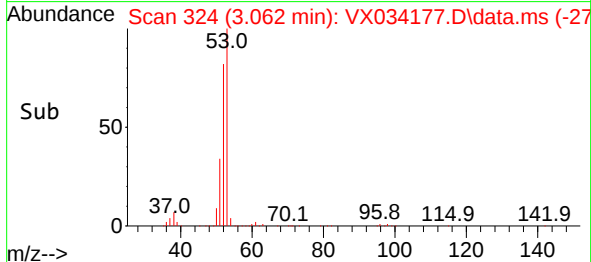
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



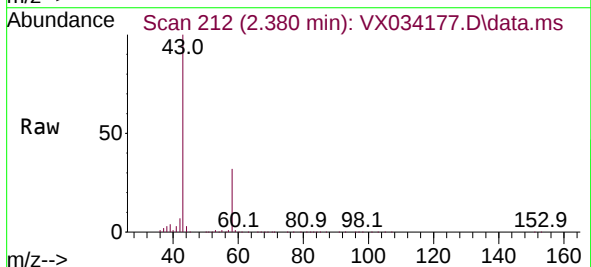
Tgt Ion: 53 Resp: 264330
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 35.4 29.0 43.4

Manual Integrations
APPROVED

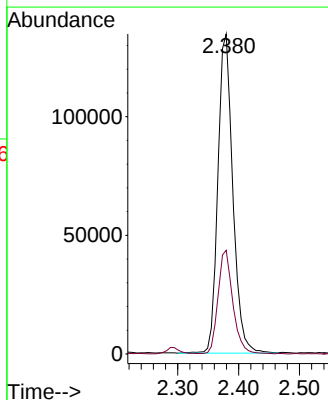
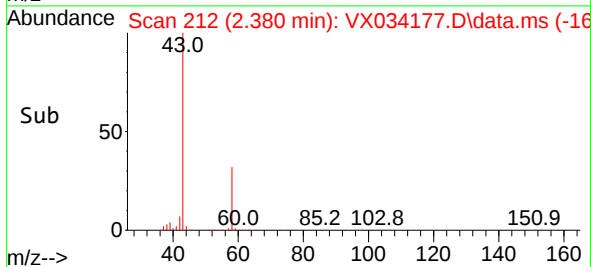
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

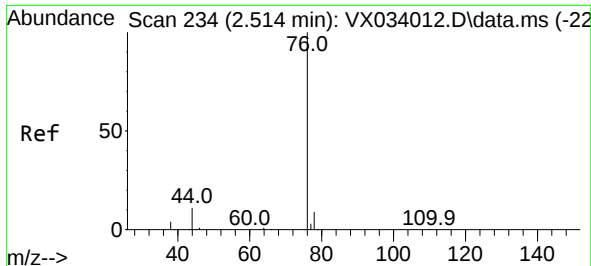


#16
Acetone
Concen: 80.265 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



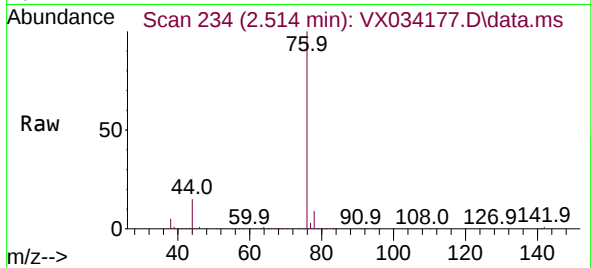
Tgt Ion: 43 Resp: 228247
Ion Ratio Lower Upper
43 100
58 32.3 22.6 33.8





#17
Carbon Disulfide
Concen: 18.748 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

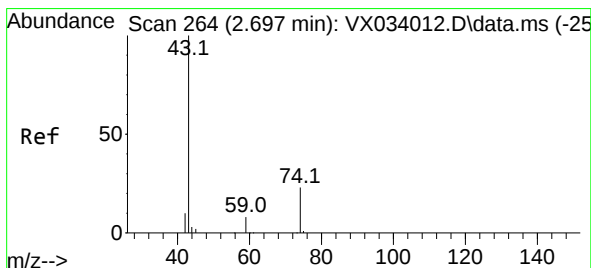
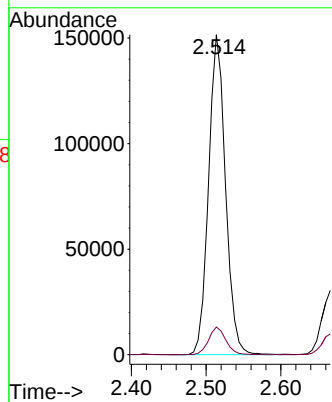
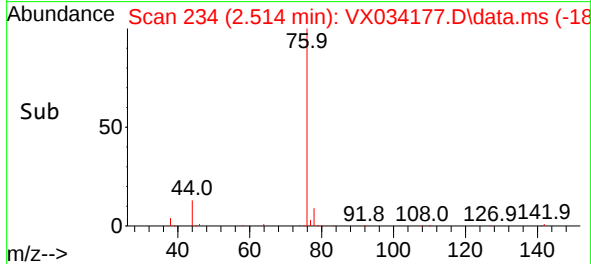
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 76 Resp: 23864
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

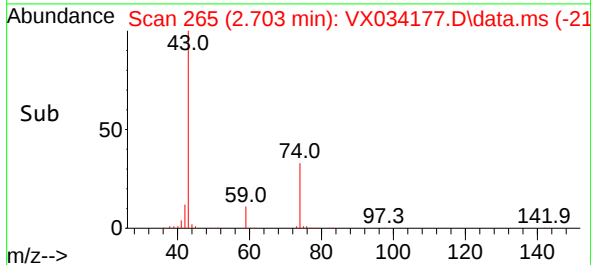
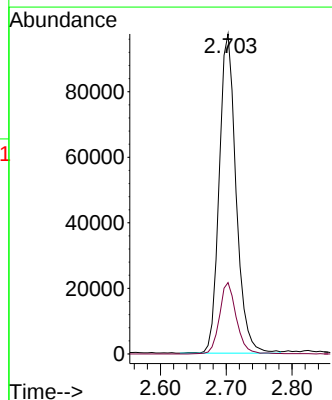
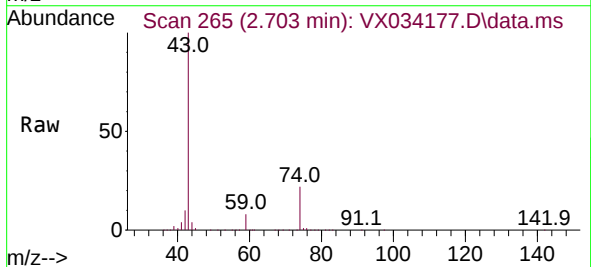
Manual Integrations
APPROVED

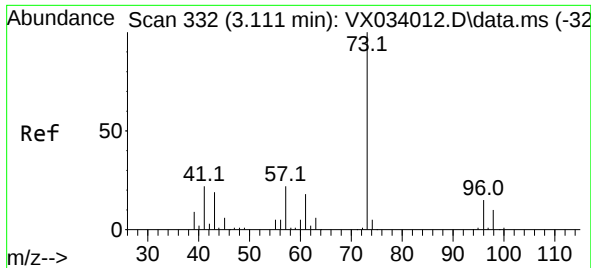
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#18
Methyl Acetate
Concen: 19.785 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

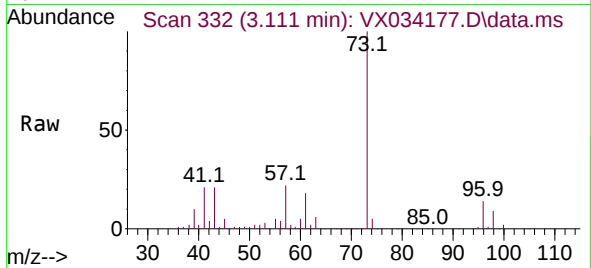
Tgt Ion: 43 Resp: 174086
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 19.544 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

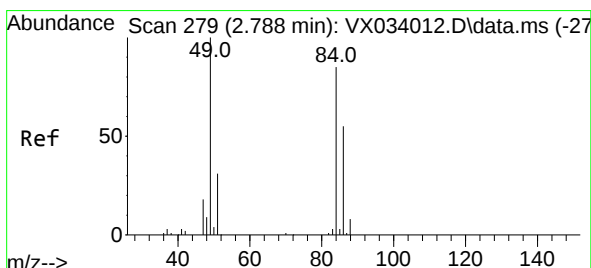
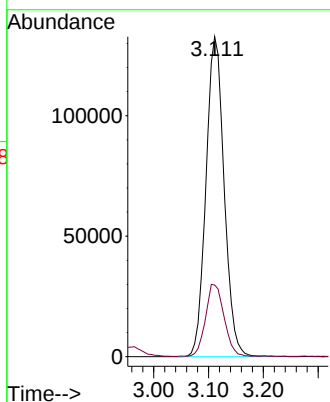
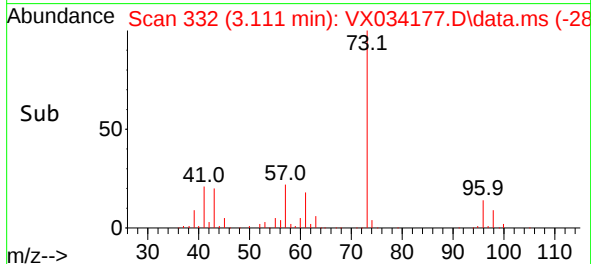
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 73 Resp: 305389
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

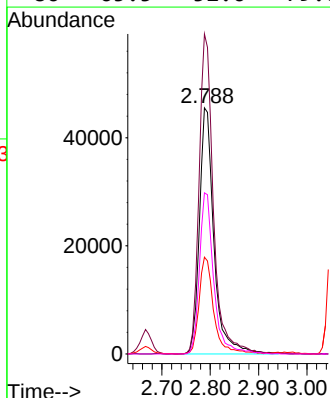
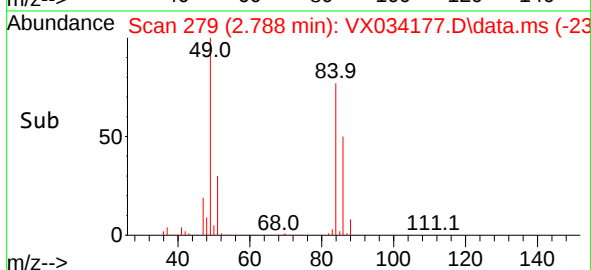
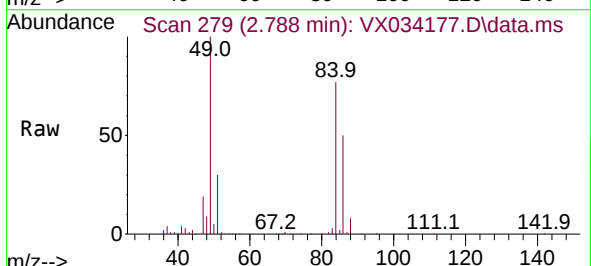
Manual Integrations
APPROVED

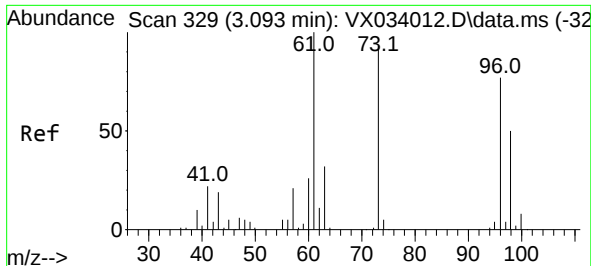
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#20
Methylene Chloride
Concen: 18.566 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

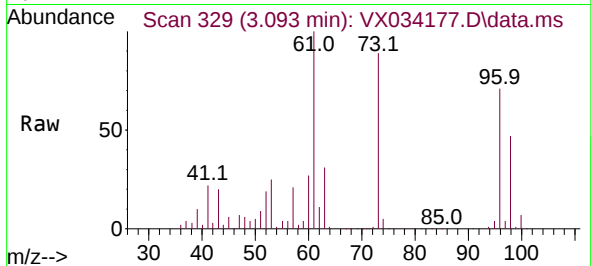
Tgt Ion: 84 Resp: 95128
Ion Ratio Lower Upper
84 100
49 130.1 101.1 151.7
51 39.4 31.0 46.6
86 65.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 19.597 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

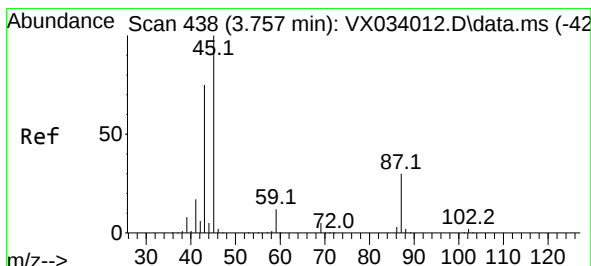
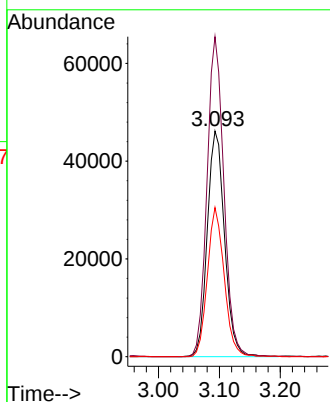
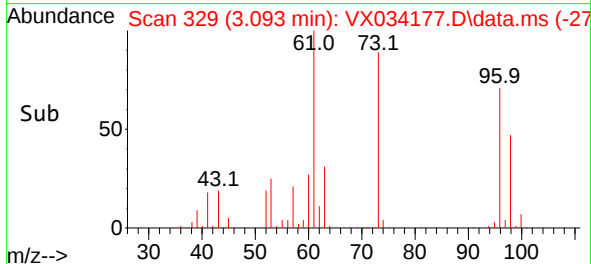
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



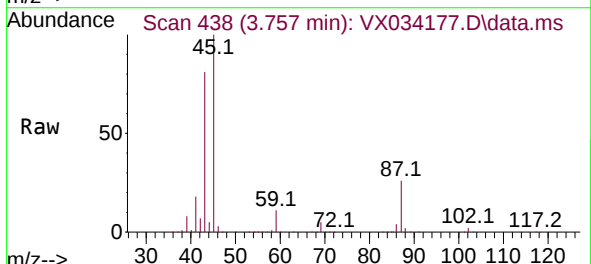
Tgt Ion: 96 Resp: 90915
Ion Ratio Lower Upper
96 100
61 141.8 106.7 160.1
98 66.1 50.0 75.0

Manual Integrations
APPROVED

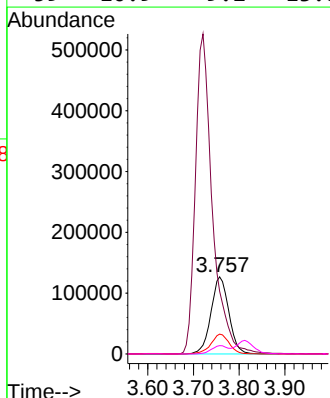
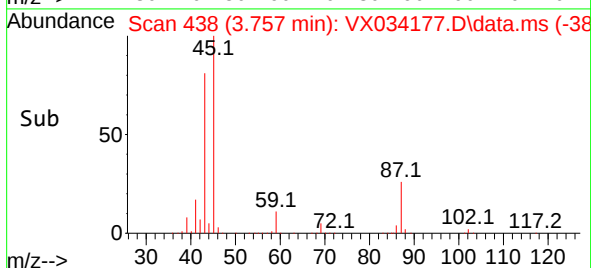
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#22
Diisopropyl ether
Concen: 20.884 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



Tgt Ion: 45 Resp: 343833
Ion Ratio Lower Upper
45 100
43 81.2 64.6 97.0
87 25.8 21.9 32.9
59 10.9 9.2 13.8





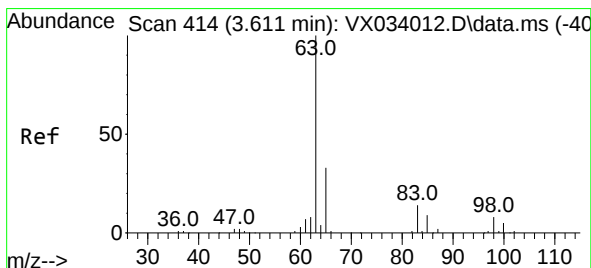
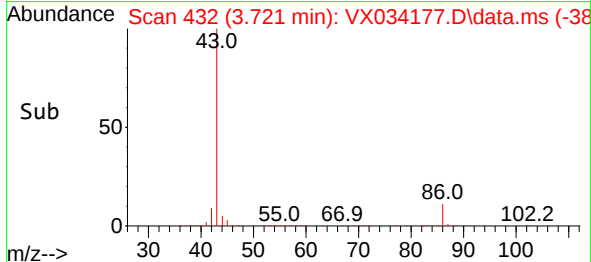
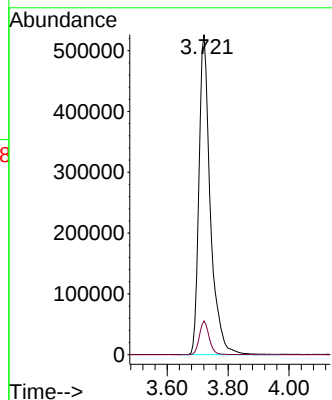
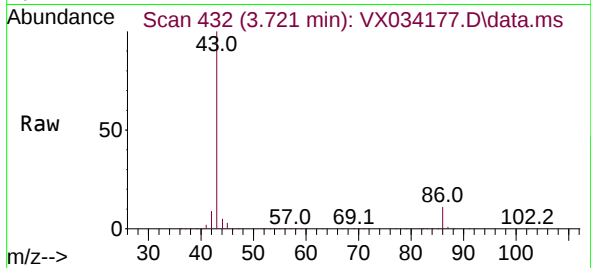
#23
 Vinyl Acetate
 Concen: 103.186 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034177.D
 Acq: 20 Feb 2023 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tgt Ion: 43 Resp: 136112
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

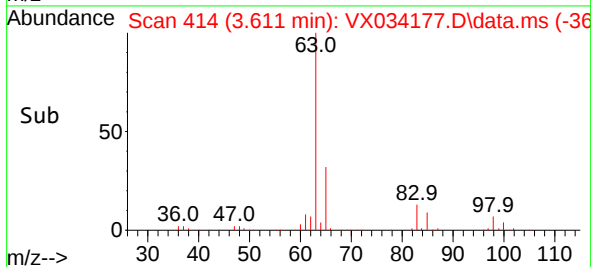
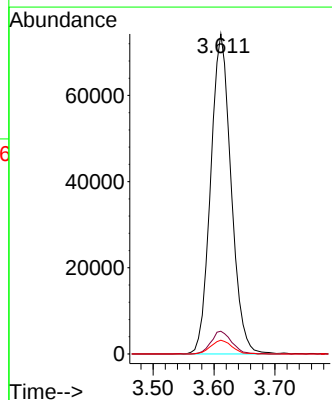
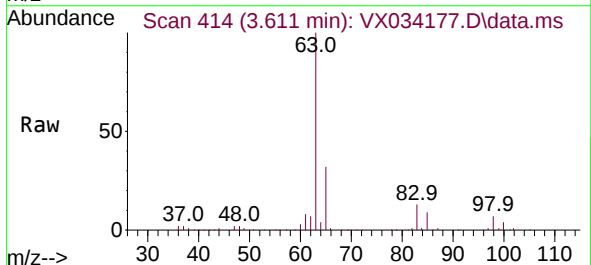
Manual Integrations
 APPROVED

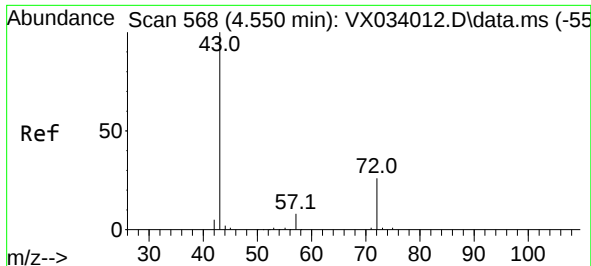
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#24
 1,1-Dichloroethane
 Concen: 19.148 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034177.D
 Acq: 20 Feb 2023 11:01

Tgt Ion: 63 Resp: 173068
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.3 2.4 7.2





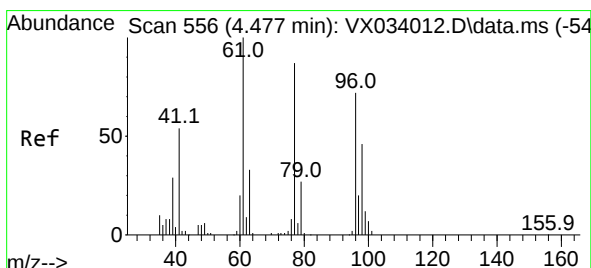
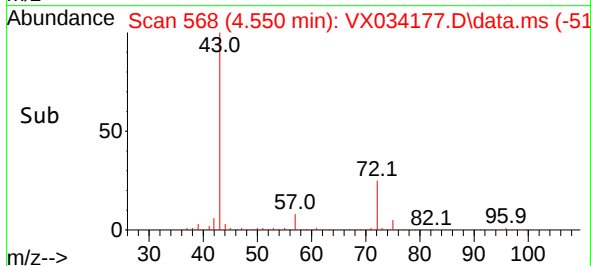
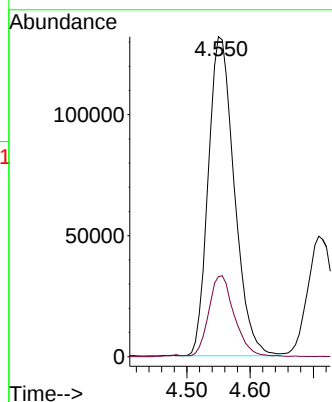
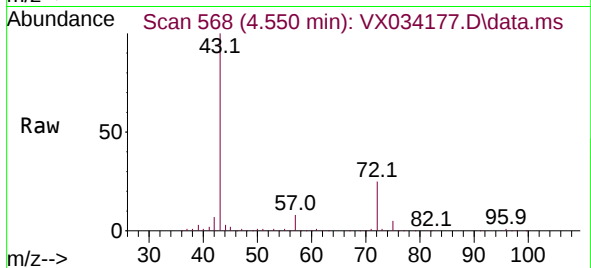
#25
2-Butanone
Concen: 91.751 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 43 Resp: 377514
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

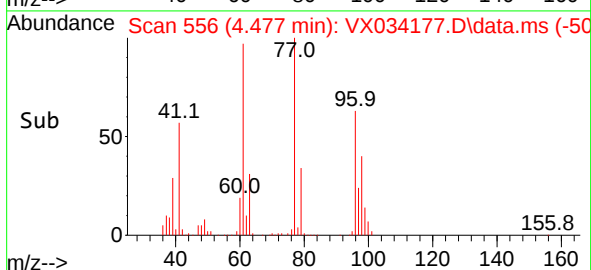
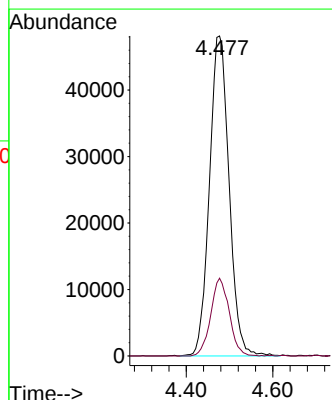
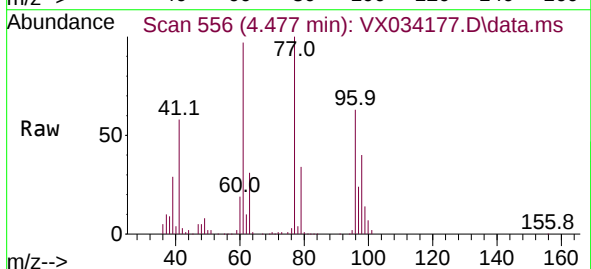
Manual Integrations
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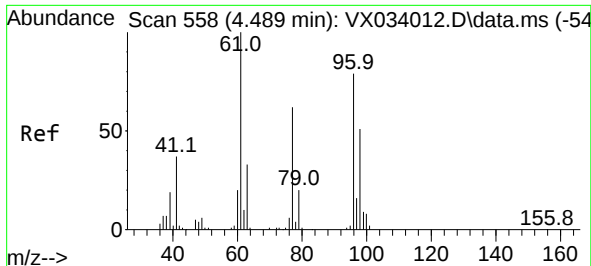
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#26
2,2-Dichloropropane
Concen: 18.530 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion: 77 Resp: 151726
Ion Ratio Lower Upper
77 100
97 22.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.499 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 96 Resp: 107120

Ion Ratio Lower Upper

96 100

61 146.8 0.0 277.6

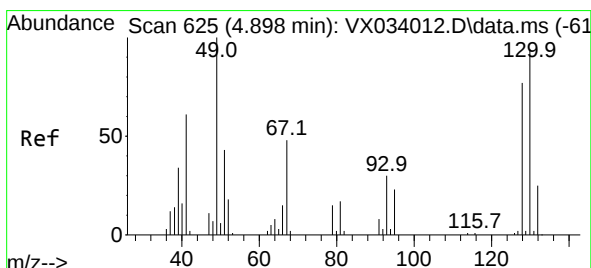
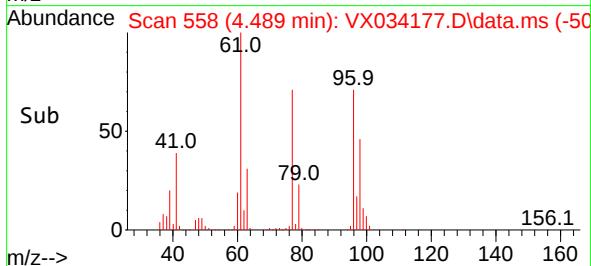
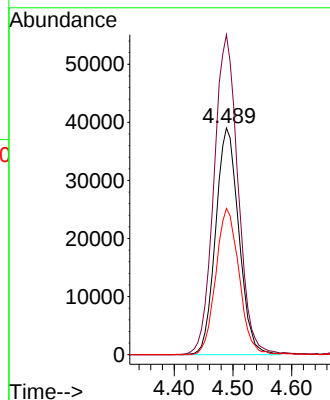
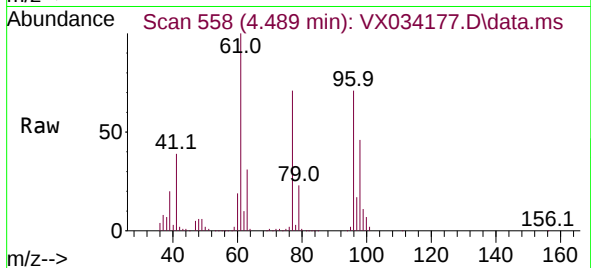
98 64.7 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#28

Bromochloromethane

Concen: 20.174 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

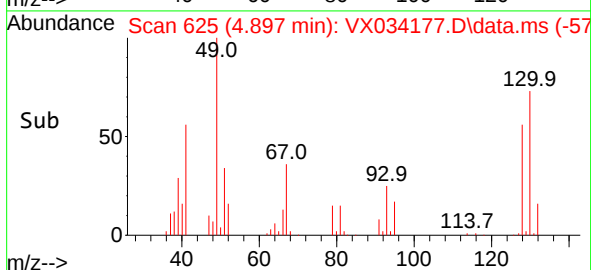
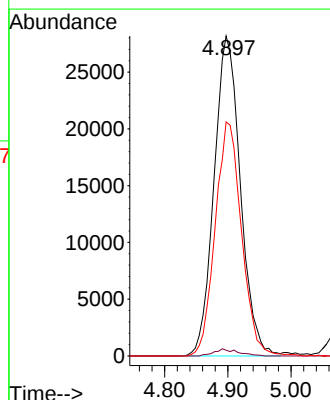
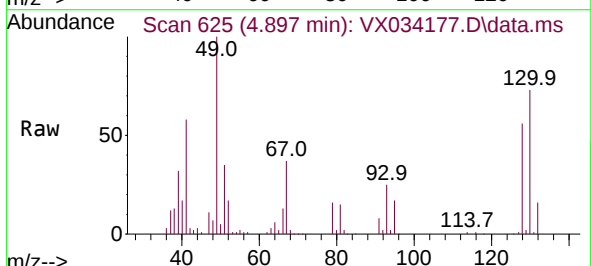
Tgt Ion: 49 Resp: 81343

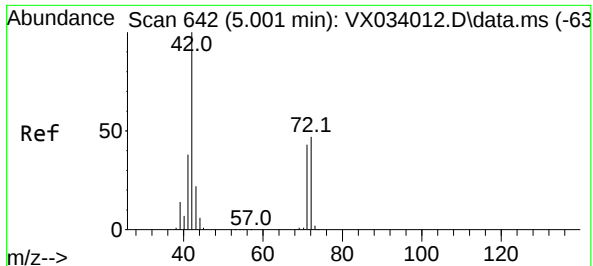
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 73.2 68.5 102.7





#29

Tetrahydrofuran

Concen: 98.585 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 42 Resp: 247454

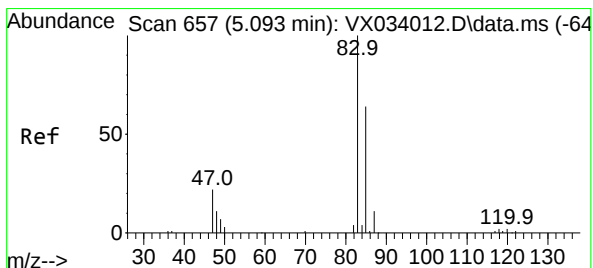
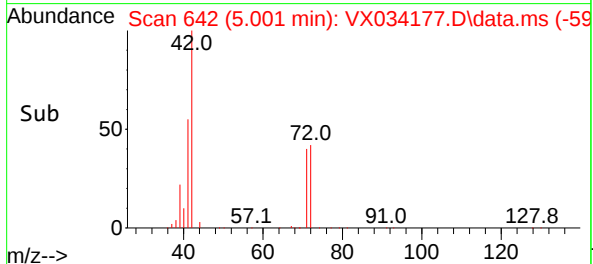
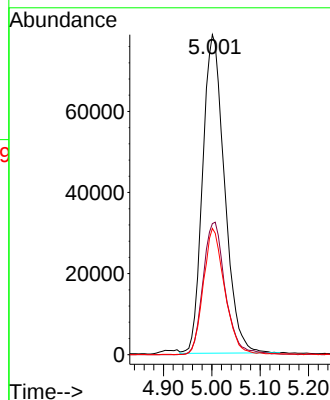
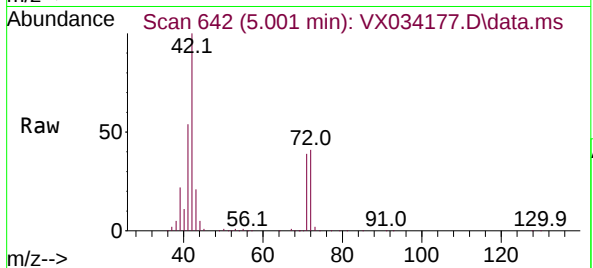
Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.8	52.2
71	38.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#30

Chloroform

Concen: 19.640 ug/l

RT: 5.092 min Scan# 657

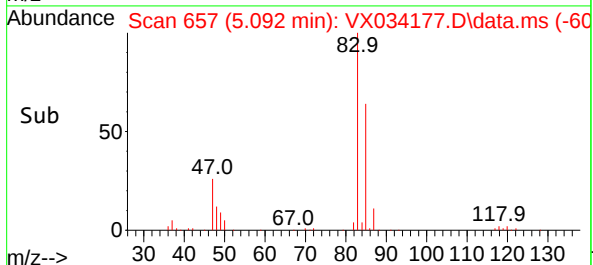
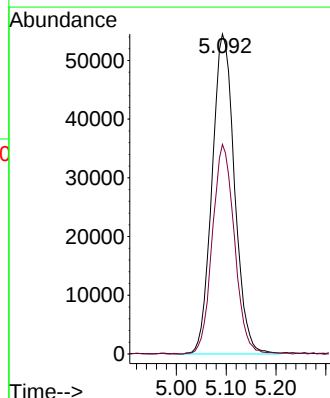
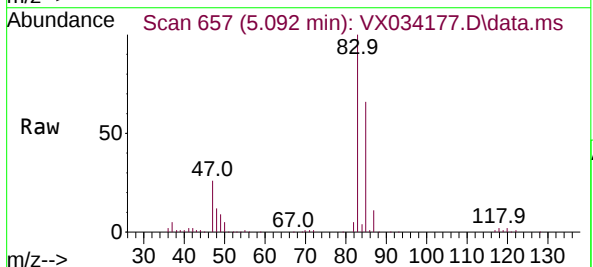
Delta R.T. 0.000 min

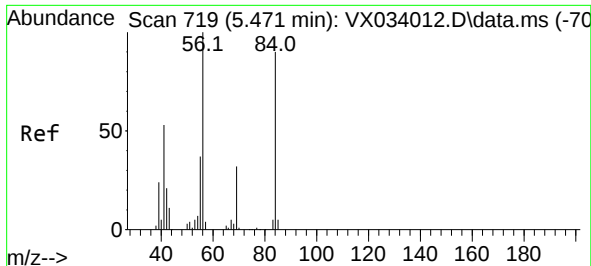
Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Tgt Ion: 83 Resp: 170460

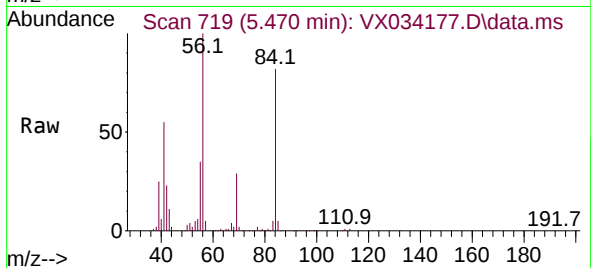
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.1	78.1





#31
Cyclohexane
Concen: 19.211 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

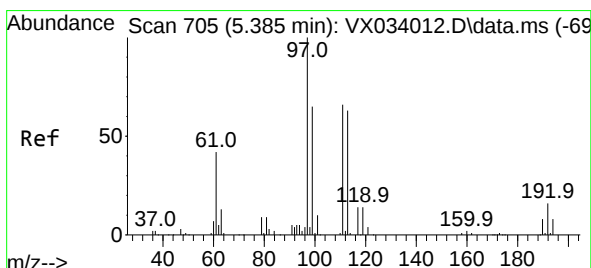
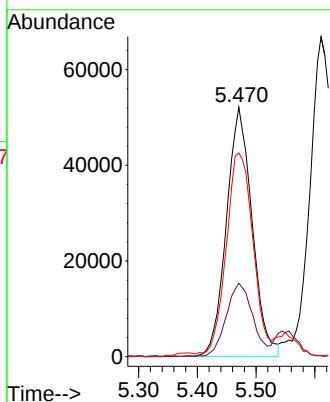
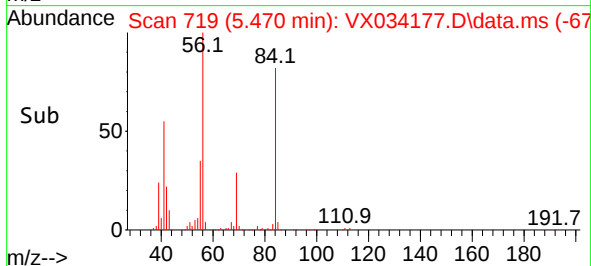
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 56 Resp: 15811
Ion Ratio Lower Upper
56 100
69 29.4 24.6 37.0
84 80.6 71.0 106.6

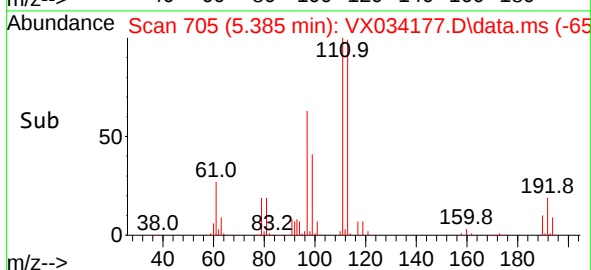
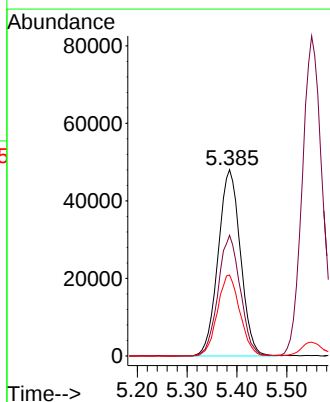
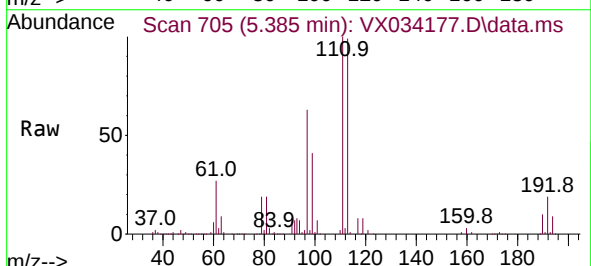
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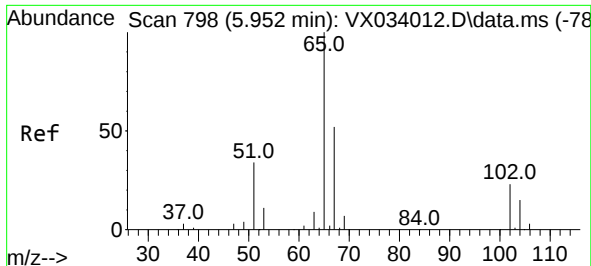
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#32
1,1,1-Trichloroethane
Concen: 19.211 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion: 97 Resp: 149468
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 43.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.871 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 65 Resp: 26389

Ion Ratio Lower Upper

65 100

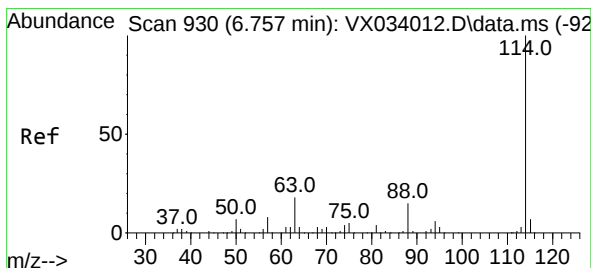
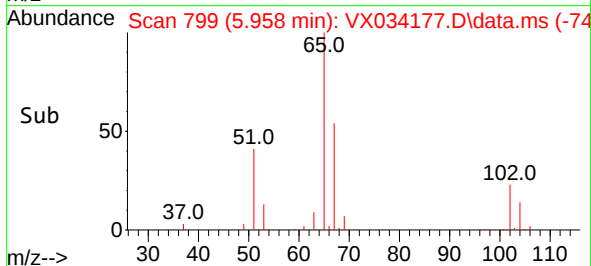
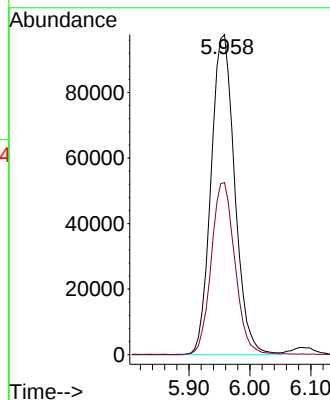
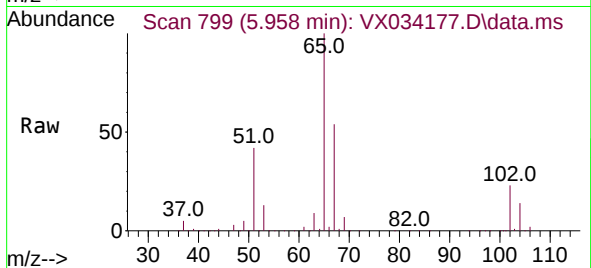
67 53.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

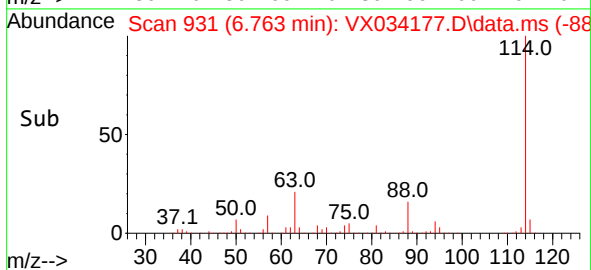
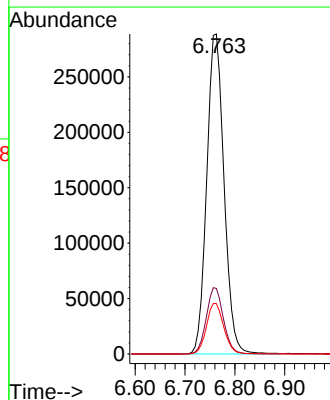
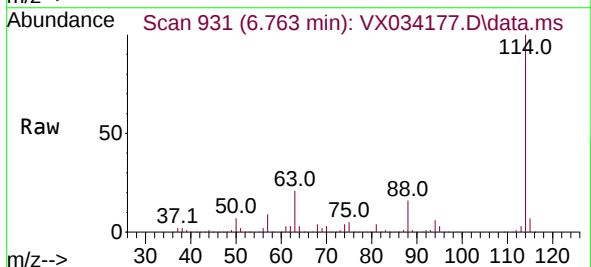
Tgt Ion:114 Resp: 696257

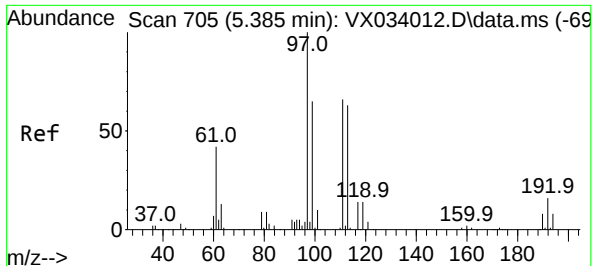
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

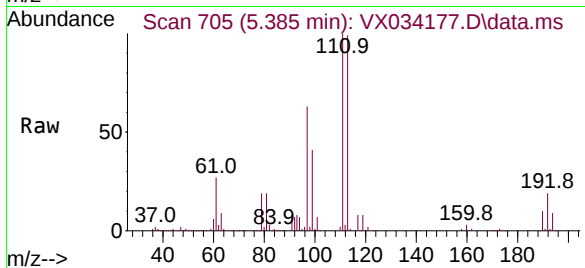
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.919 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

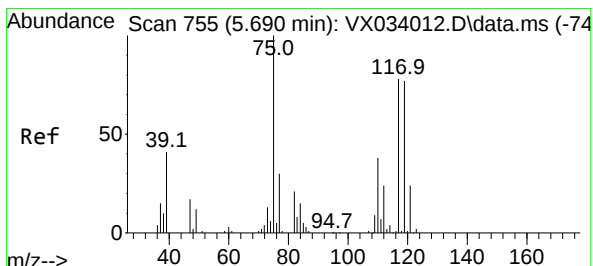
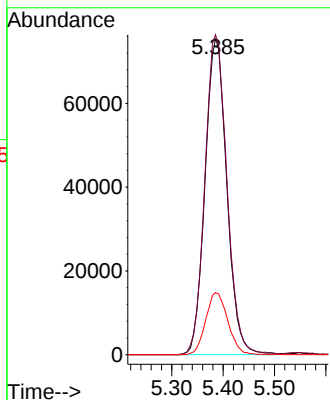
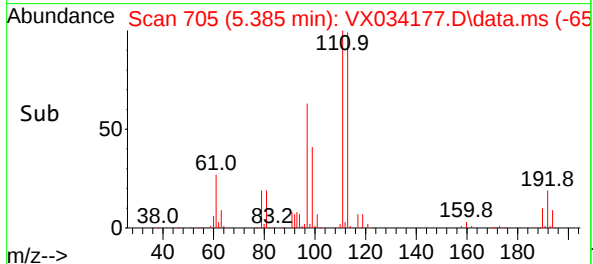
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 113 Resp: 221760
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 20.0 19.0 28.4

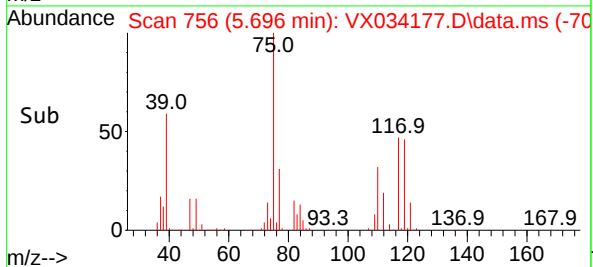
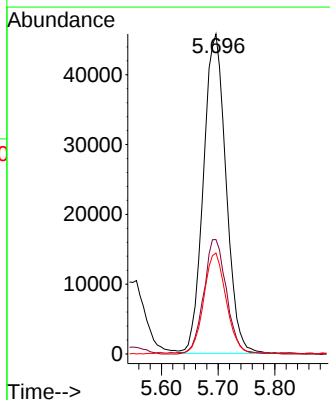
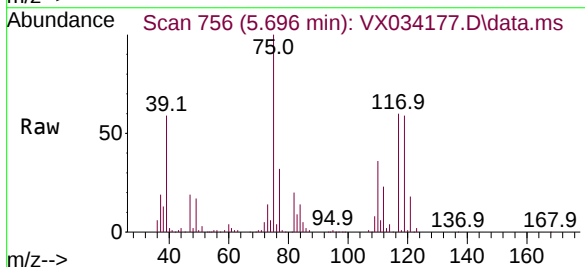
Manual Integrations
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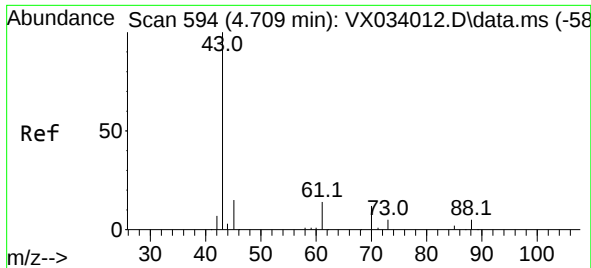
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#36
1,1-Dichloropropene
Concen: 18.904 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion: 75 Resp: 126736
Ion Ratio Lower Upper
75 100
110 35.9 18.8 56.4
77 30.6 25.1 37.7





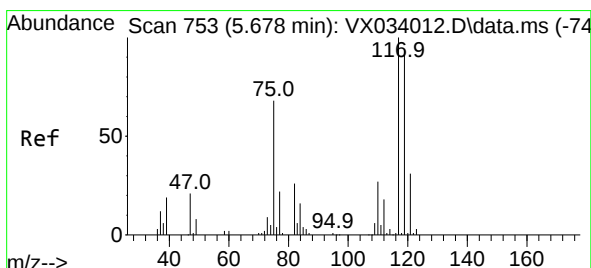
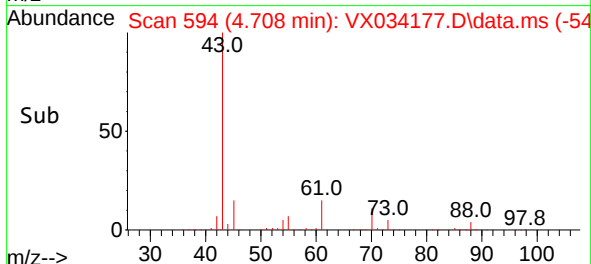
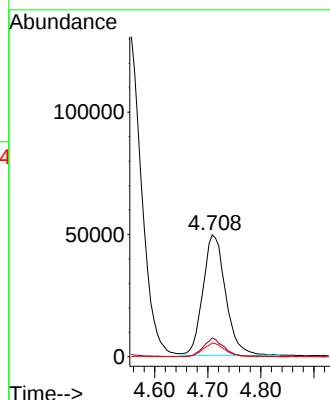
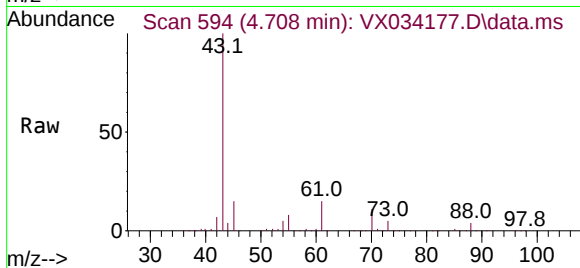
#37
Ethyl Acetate
Concen: 19.560 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 43 Resp: 14656
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.5 8.5 12.7

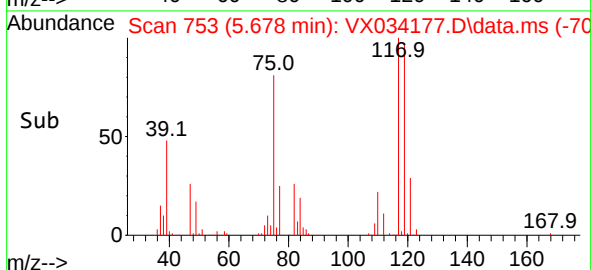
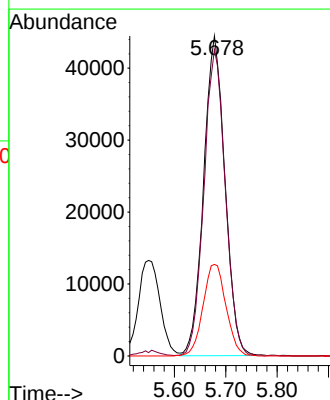
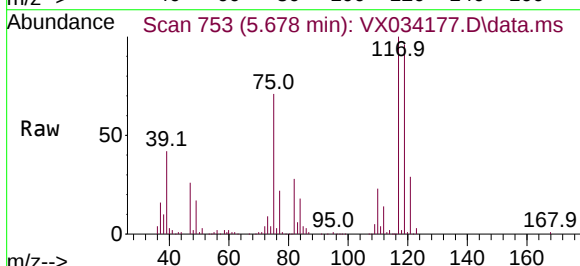
Manual Integrations
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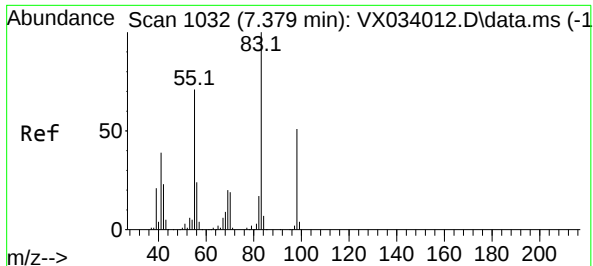
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#38
Carbon Tetrachloride
Concen: 18.574 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

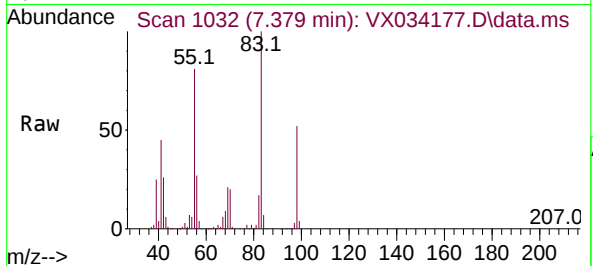
Tgt Ion:117 Resp: 128140
Ion Ratio Lower Upper
117 100
119 95.9 78.0 117.0
121 28.7 24.4 36.6





#39
Methylcyclohexane
Concen: 18.470 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

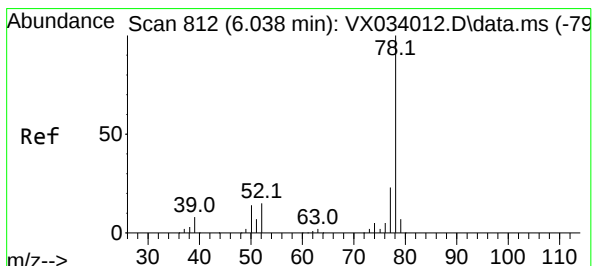
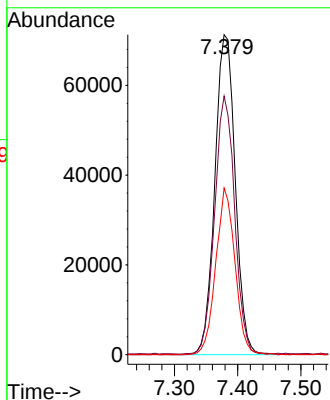
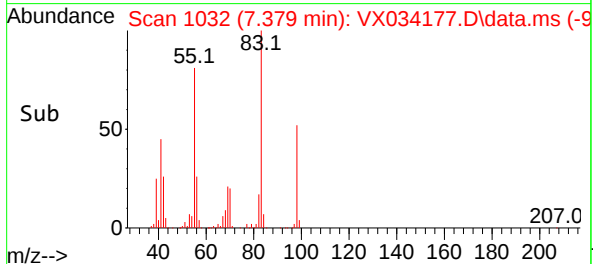
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 83 Resp: 159358
Ion Ratio Lower Upper
83 100
55 80.6 61.8 92.6
98 52.1 39.3 58.9

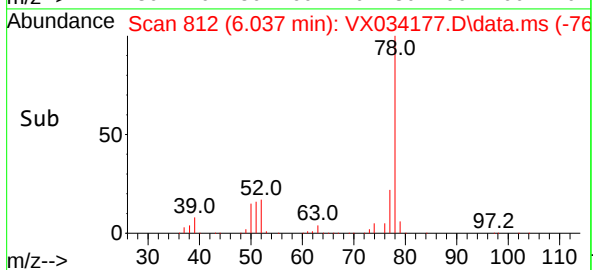
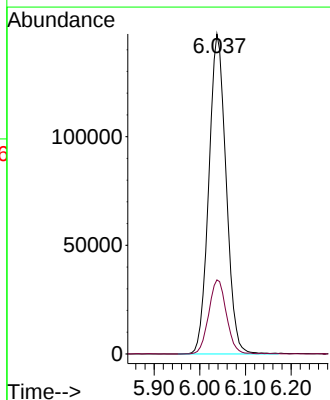
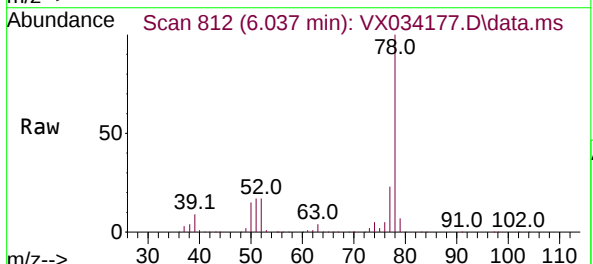
Manual Integrations
APPROVED

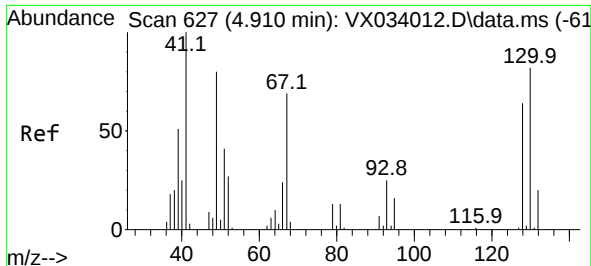
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#40
Benzene
Concen: 19.475 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

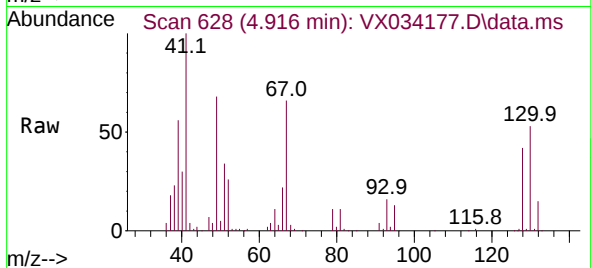
Tgt Ion: 78 Resp: 386922
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4





#41
Methacrylonitrile
Concen: 19.812 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

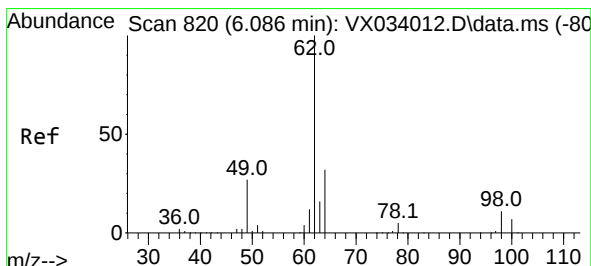
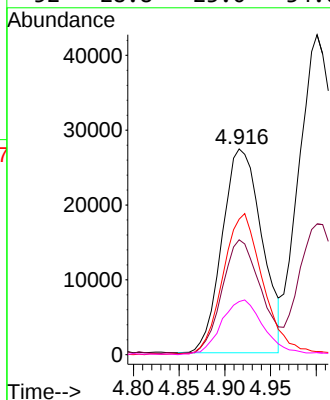
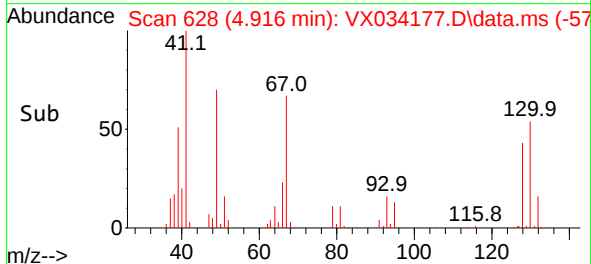
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 41 Resp: 82700
Ion Ratio Lower Upper
41 100
39 55.8 43.8 65.6
67 69.7 54.8 82.2
52 28.8 23.0 34.6

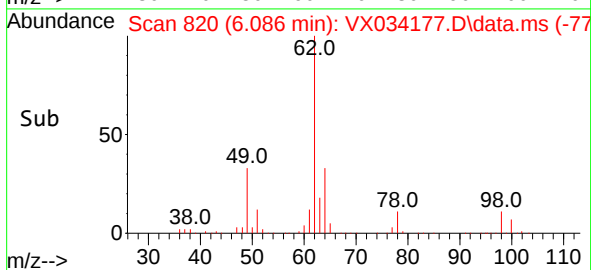
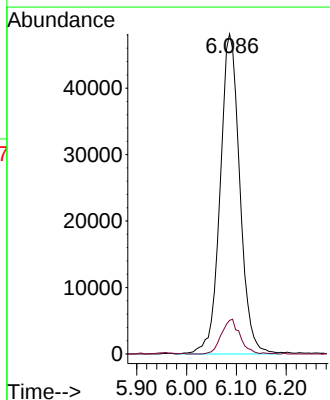
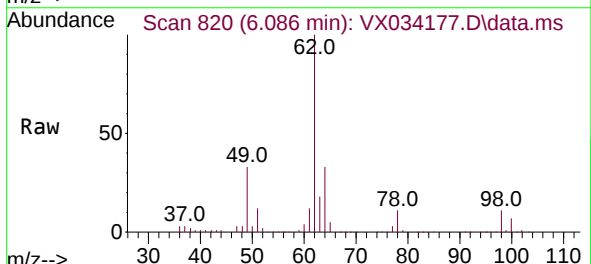
Manual Integrations
APPROVED

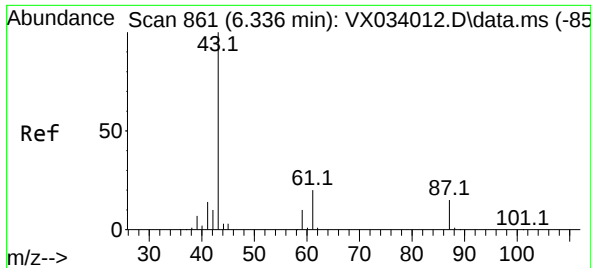
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#42
1,2-Dichloroethane
Concen: 18.892 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

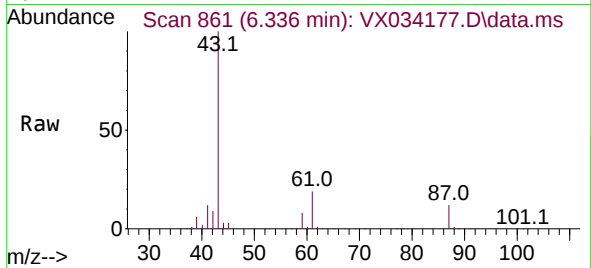
Tgt Ion: 62 Resp: 132014
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 19.642 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

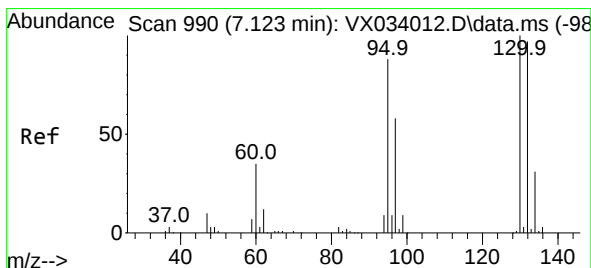
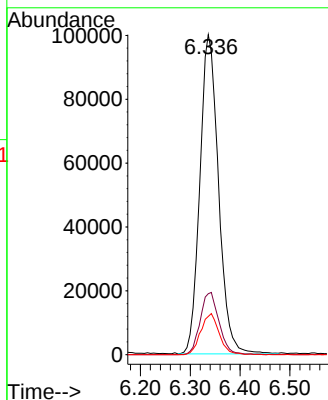
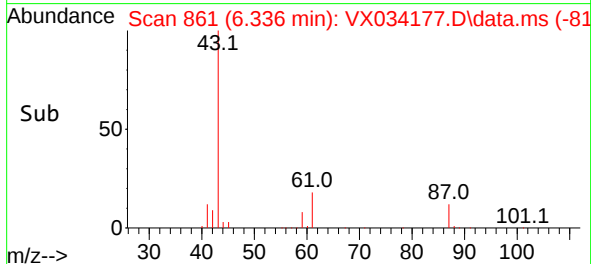
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 43 Resp: 259709
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5
87 12.6 10.6 15.8

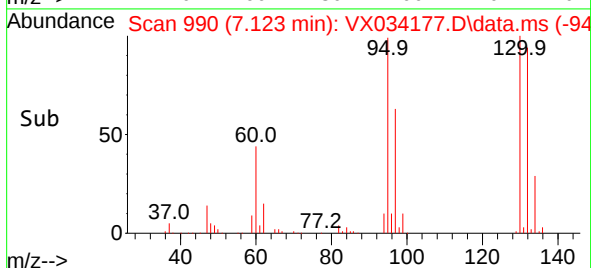
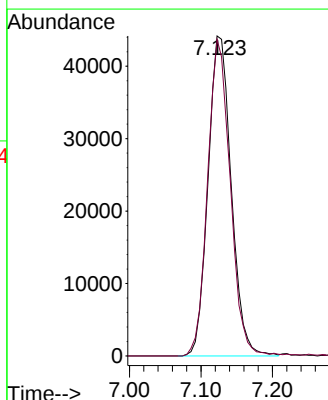
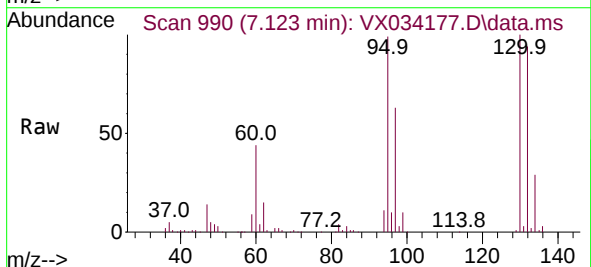
Manual Integrations
APPROVED

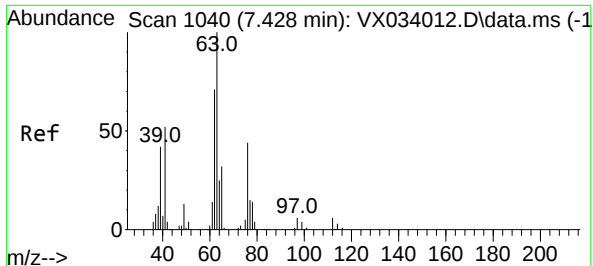
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#44
Trichloroethene
Concen: 19.515 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion:130 Resp: 99497
Ion Ratio Lower Upper
130 100
95 98.9 0.0 182.6





#45

1,2-Dichloropropane

Concen: 19.833 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 63 Resp: 10489

Ion Ratio Lower Upper

63 100

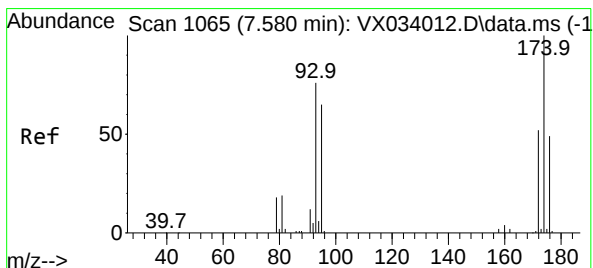
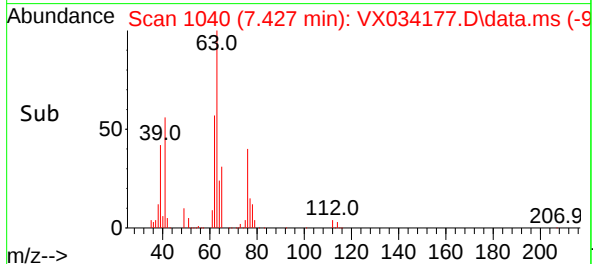
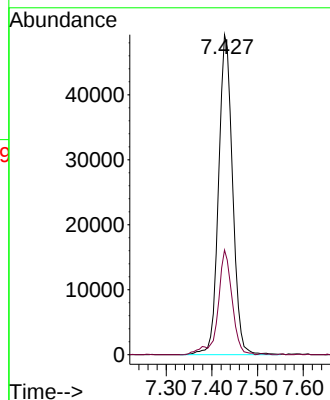
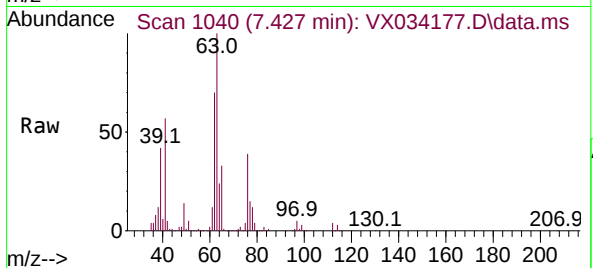
65 32.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#46

Dibromomethane

Concen: 19.240 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

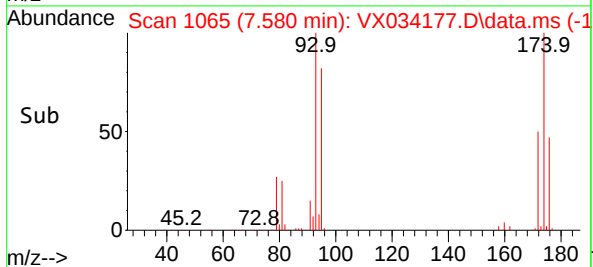
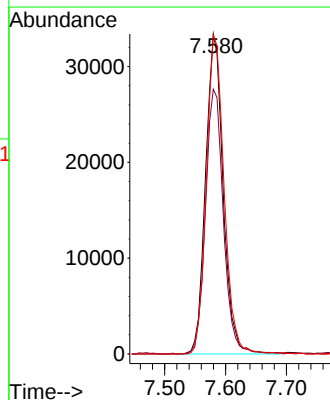
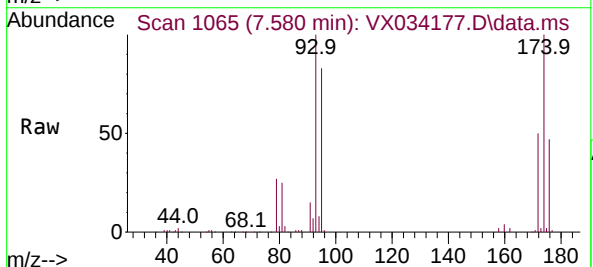
Tgt Ion: 93 Resp: 66970

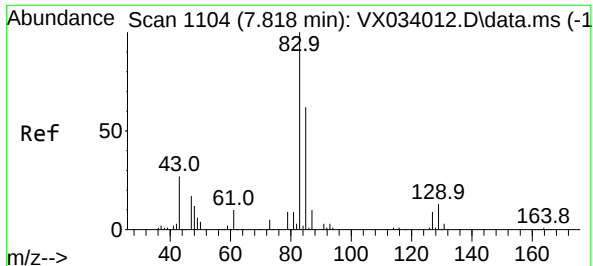
Ion Ratio Lower Upper

93 100

95 84.2 67.6 101.4

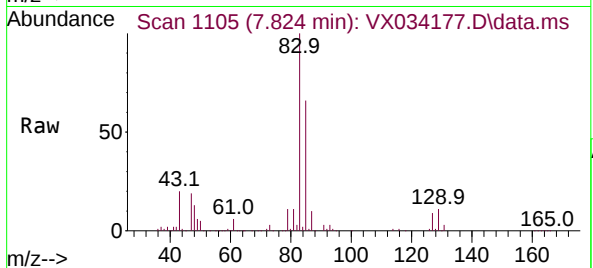
174 100.6 97.4 146.0





#47
Bromodichloromethane
Concen: 18.976 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

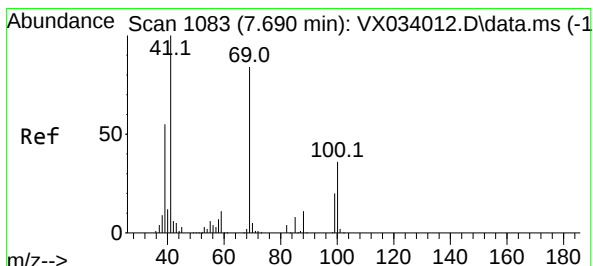
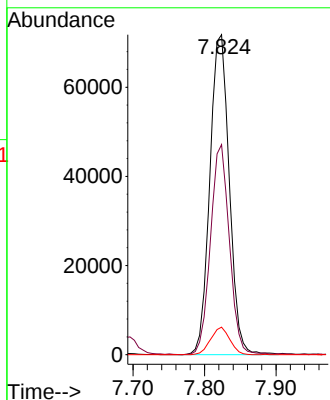
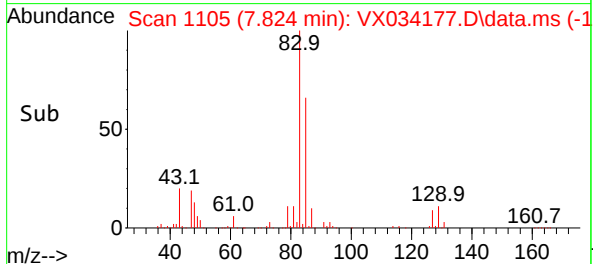
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 83 Resp: 135550
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 8.6 7.0 10.4

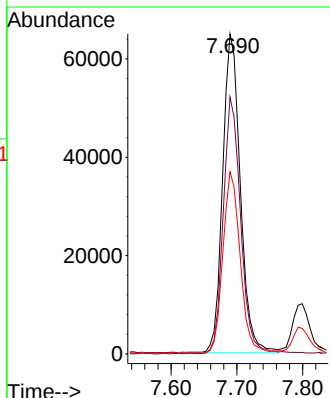
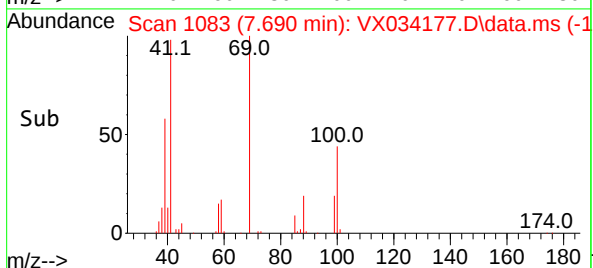
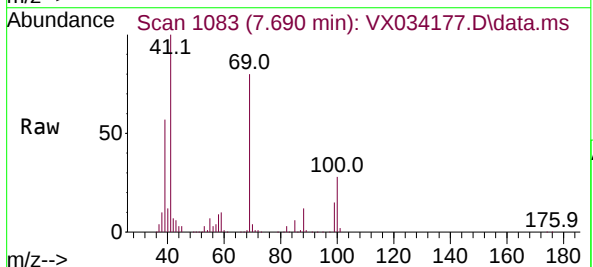
Manual Integrations
APPROVED

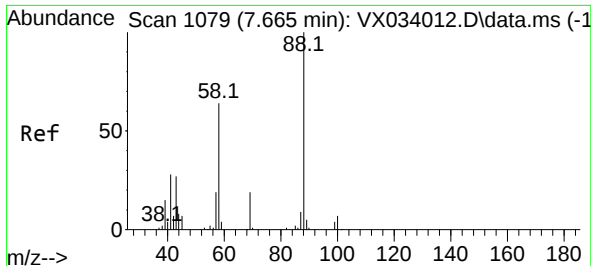
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#48
Methyl methacrylate
Concen: 19.376 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion: 41 Resp: 121599
Ion Ratio Lower Upper
41 100
69 79.4 63.1 94.7
39 55.2 43.2 64.8





#49

1,4-Dioxane

Concen: 367.078 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.018 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

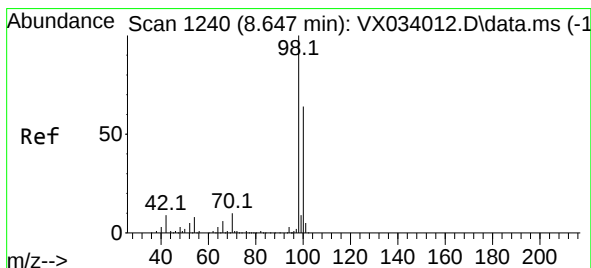
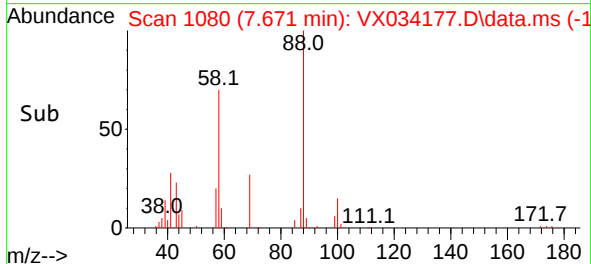
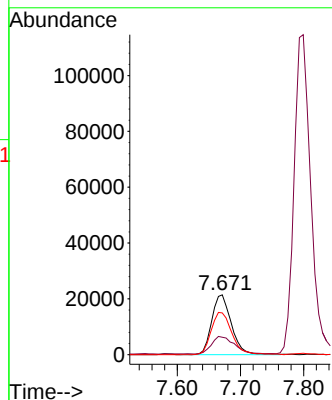
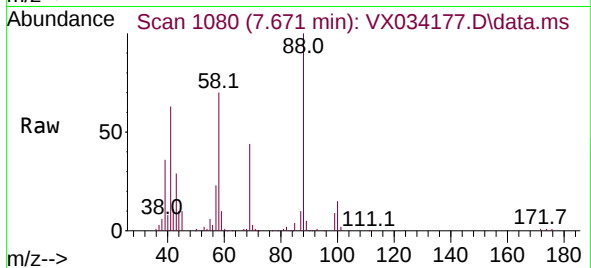
Tgt Ion: 88 Resp: 45949
 Ion Ratio Lower Upper
 88 100
 43 34.1 0.0 0.0
 58 74.7 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#50

Toluene-d8

Concen: 50.737 ug/l

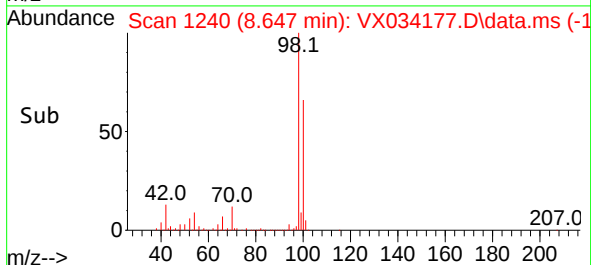
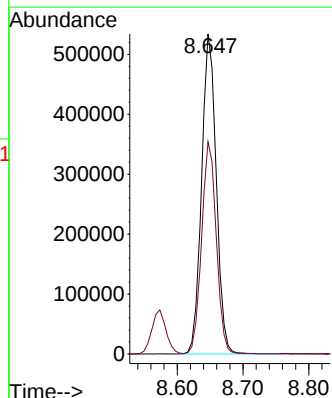
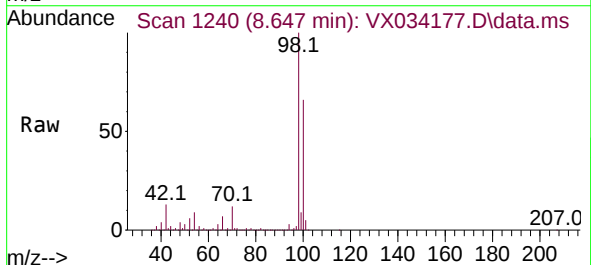
RT: 8.647 min Scan# 1240

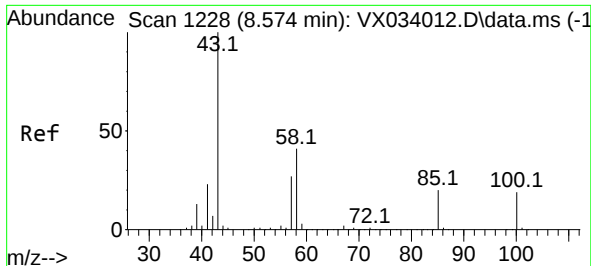
Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Tgt Ion: 98 Resp: 825794
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 103.584 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 43 Resp: 753528

Ion Ratio Lower Upper

43 100

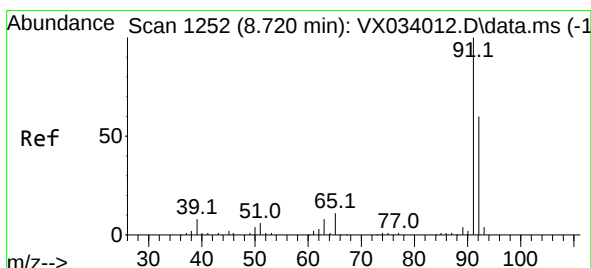
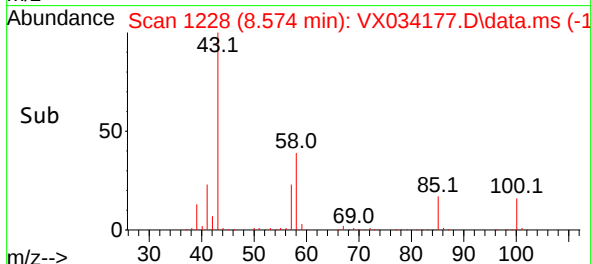
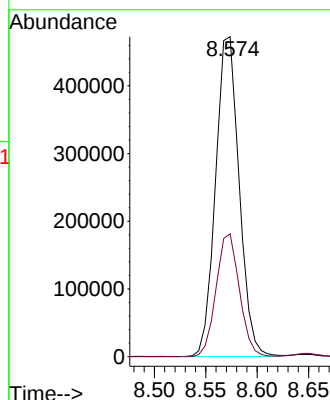
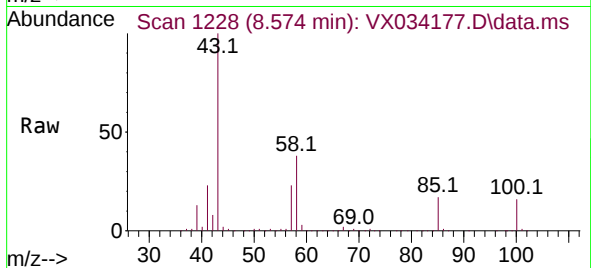
58 38.0 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#52

Toluene

Concen: 19.724 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034177.D

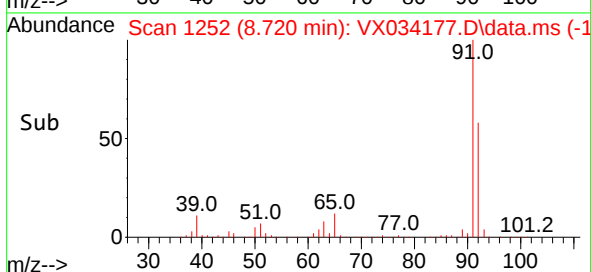
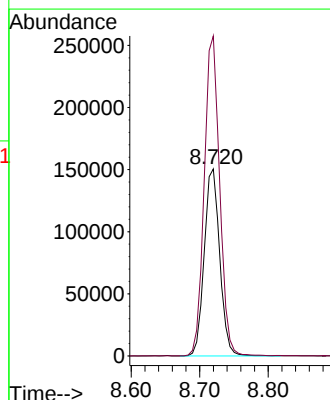
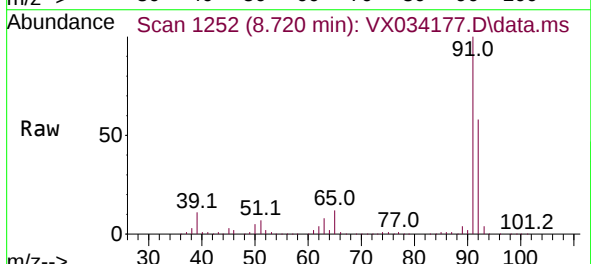
Acq: 20 Feb 2023 11:01

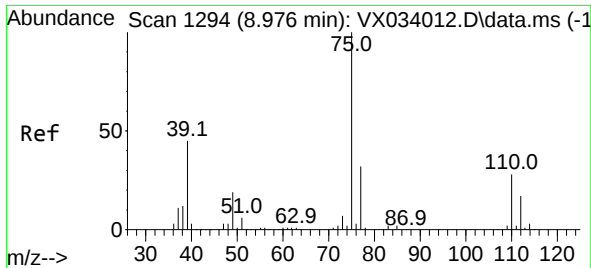
Tgt Ion: 92 Resp: 237451

Ion Ratio Lower Upper

92 100

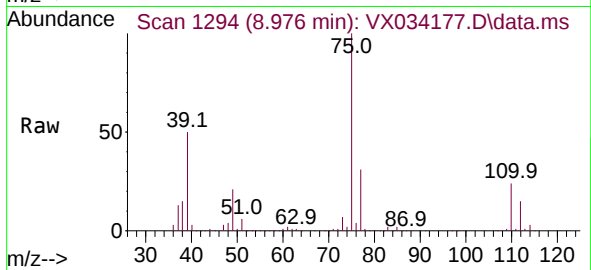
91 170.1 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 19.444 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

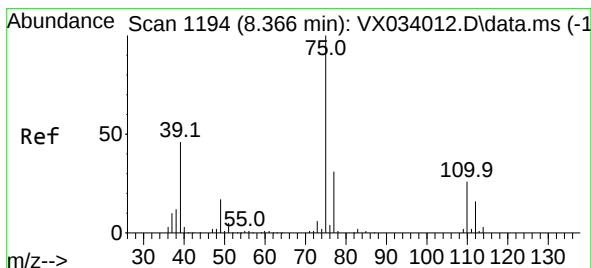
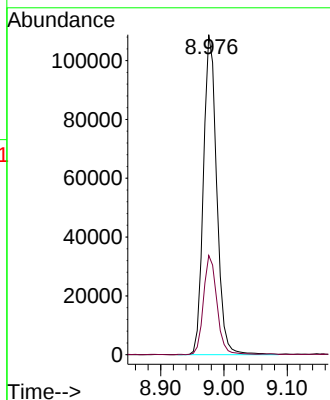
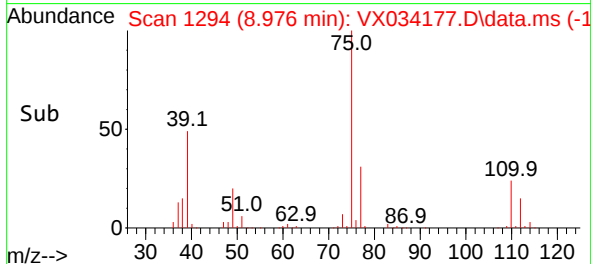
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 75 Resp: 15987
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3

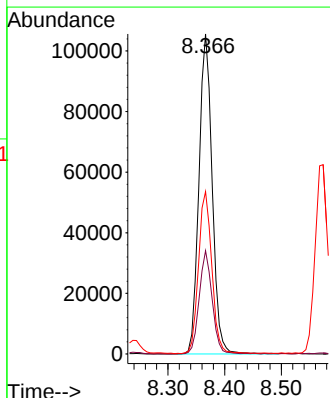
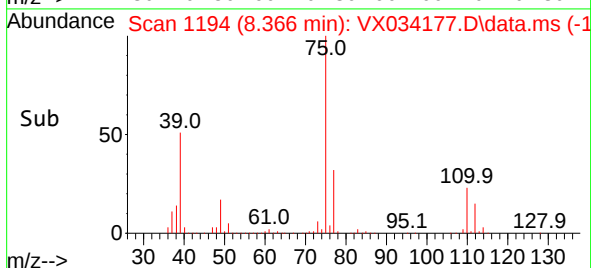
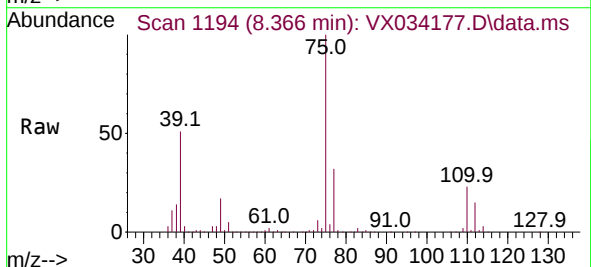
Manual Integrations
APPROVED

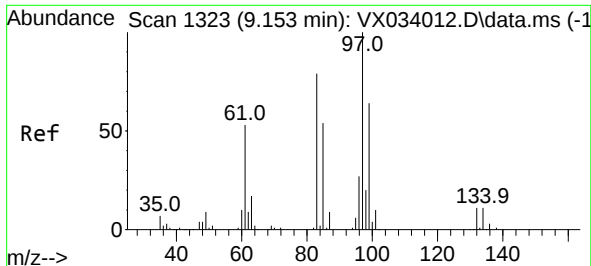
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#54
cis-1,3-Dichloropropene
Concen: 19.436 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion: 75 Resp: 171092
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6
39 50.6 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 20.245 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 97 Resp: 98374

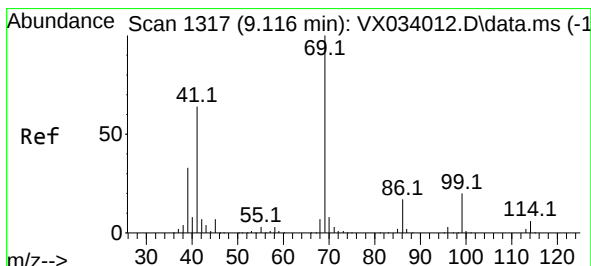
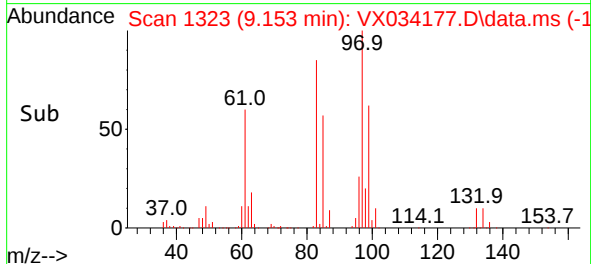
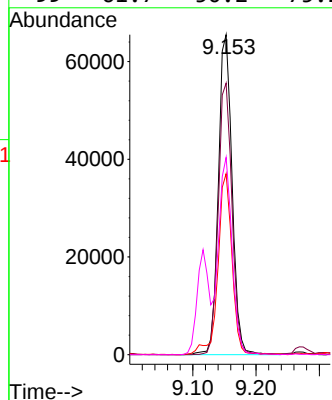
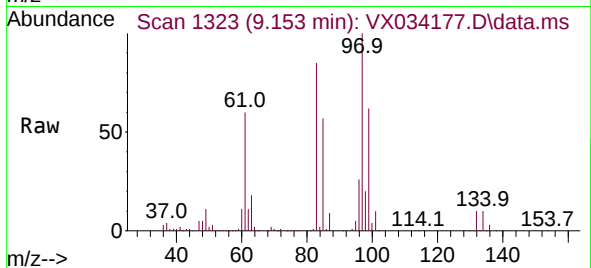
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.4	101.0
85	56.5	43.2	64.8
99	61.7	50.2	75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#56

Ethyl methacrylate

Concen: 19.850 ug/l

RT: 9.116 min Scan# 1317

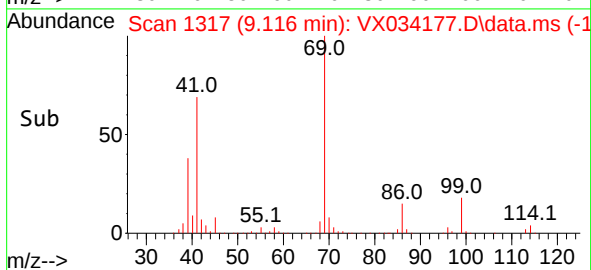
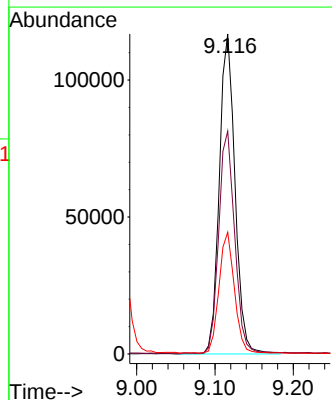
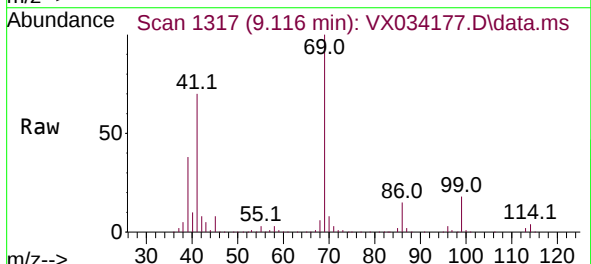
Delta R.T. 0.000 min

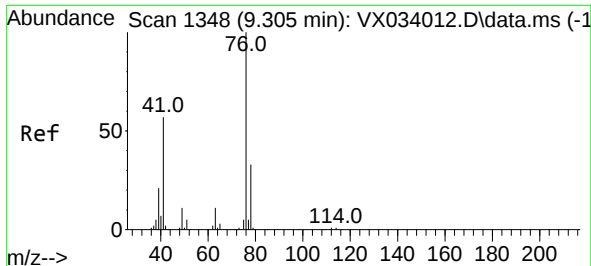
Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Tgt Ion: 69 Resp: 163174

Ion	Ratio	Lower	Upper
69	100		
41	70.3	55.1	82.7
39	37.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.007 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion: 76 Resp: 16914

Ion Ratio Lower Upper

76 100

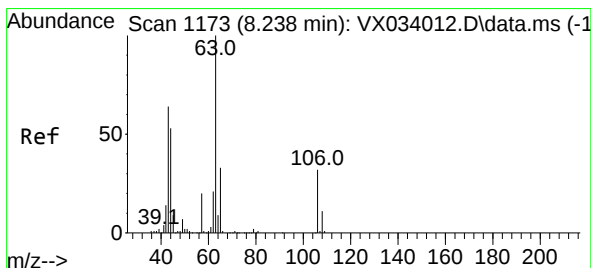
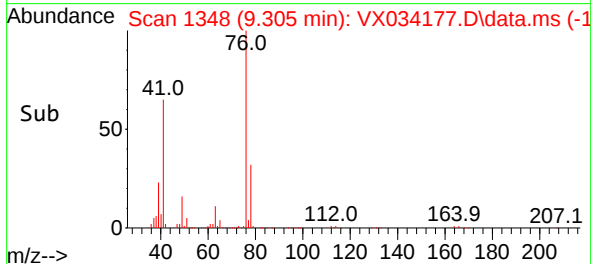
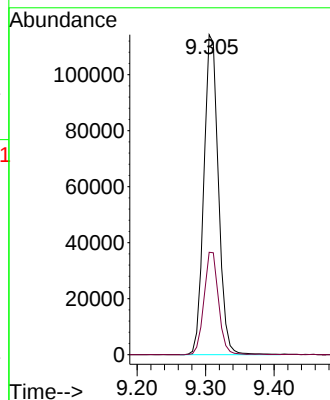
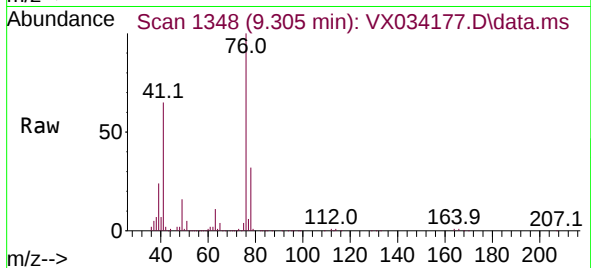
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.905 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034177.D

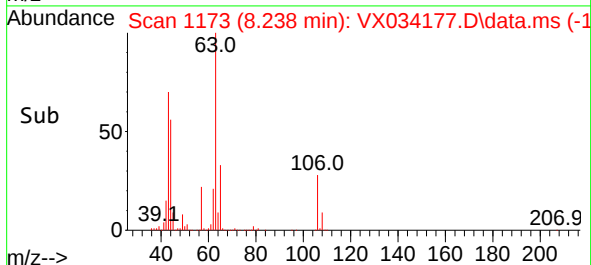
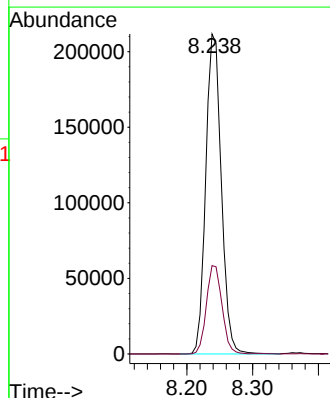
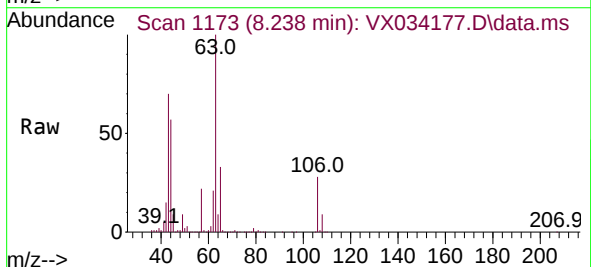
Acq: 20 Feb 2023 11:01

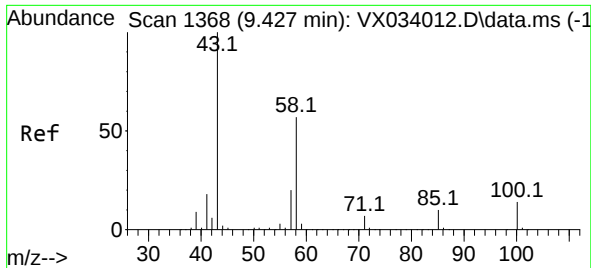
Tgt Ion: 63 Resp: 348634

Ion Ratio Lower Upper

63 100

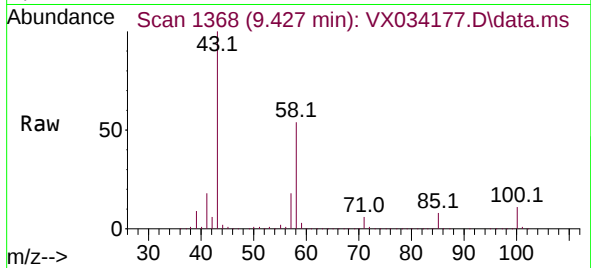
106 27.7 24.5 36.7





#59
2-Hexanone
Concen: 100.680 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

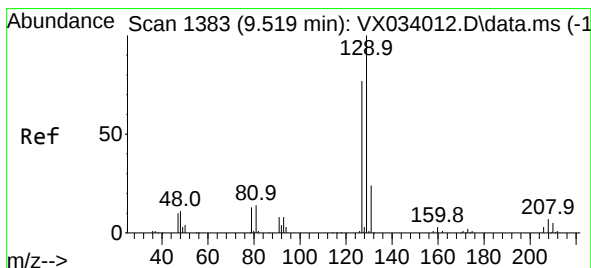
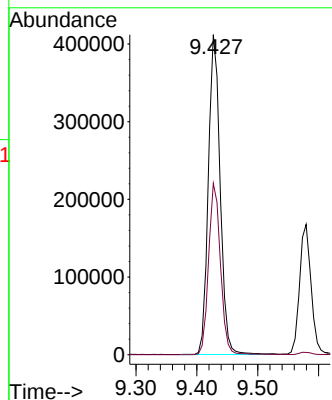
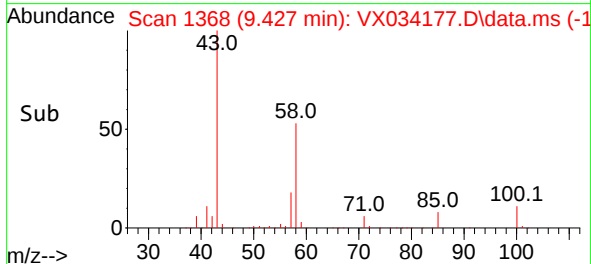
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



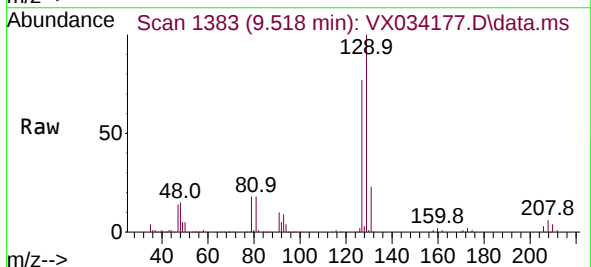
Tgt Ion: 43 Resp: 558168
Ion Ratio Lower Upper
43 100
58 53.7 27.4 82.0

Manual Integrations
APPROVED

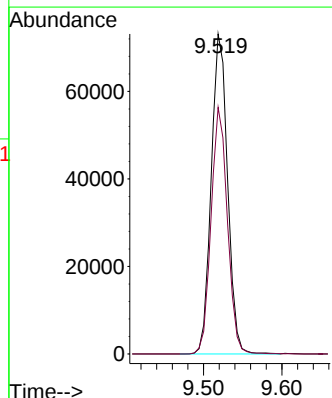
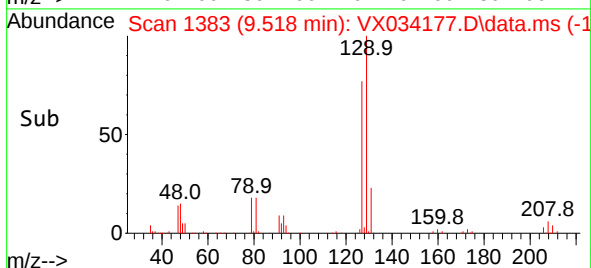
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

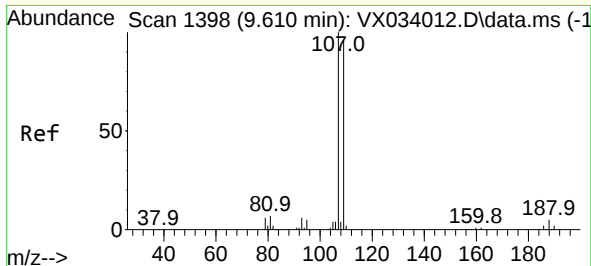


#60
Dibromochloromethane
Concen: 19.708 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



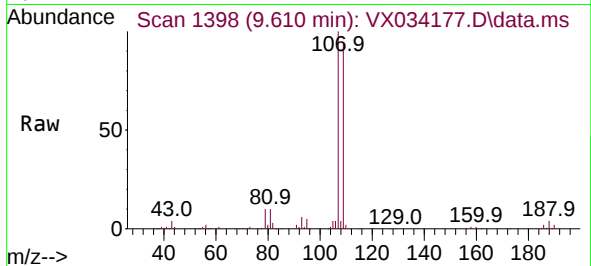
Tgt Ion:129 Resp: 105818
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





#61
1,2-Dibromoethane
Concen: 19.935 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

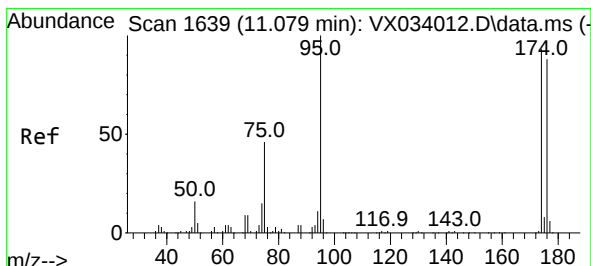
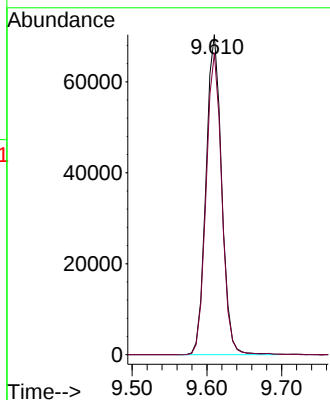
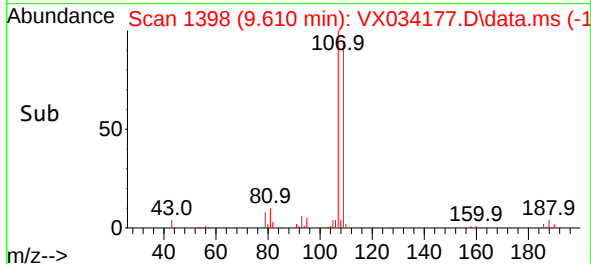
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion:107 Resp: 102450
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.2

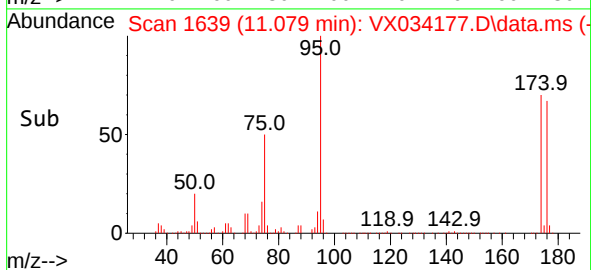
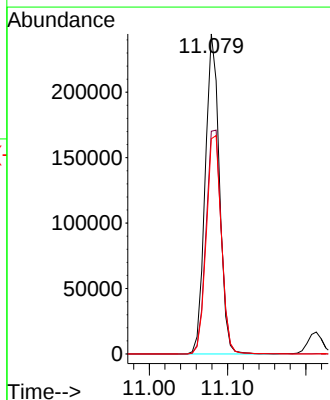
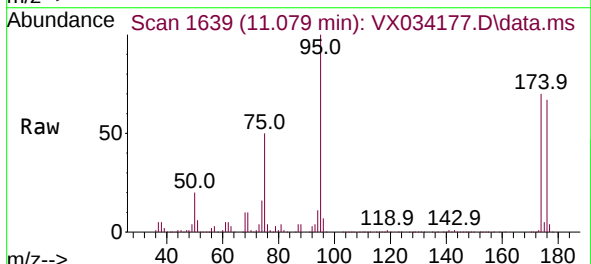
Manual Integrations
APPROVED

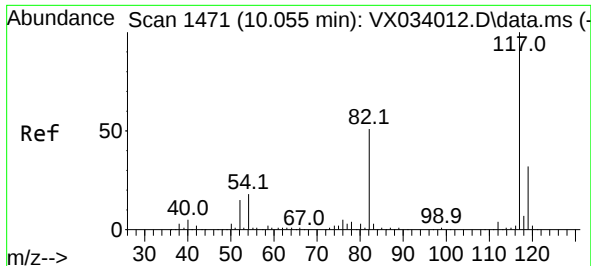
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#62
4-Bromofluorobenzene
Concen: 49.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

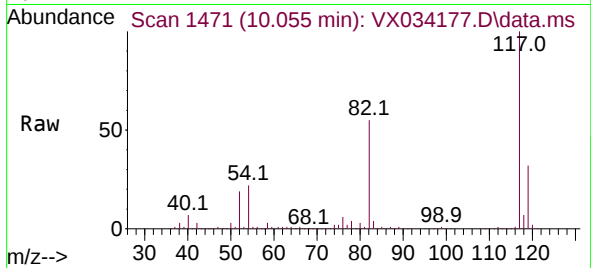
Tgt Ion: 95 Resp: 306637
Ion Ratio Lower Upper
95 100
174 75.1 0.0 184.4
176 72.6 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

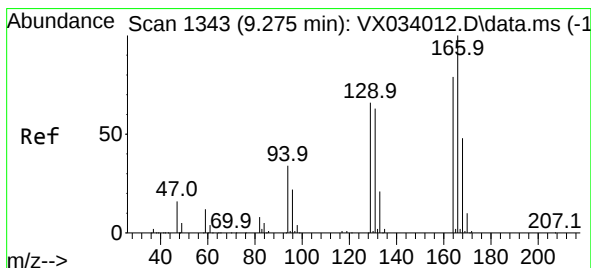
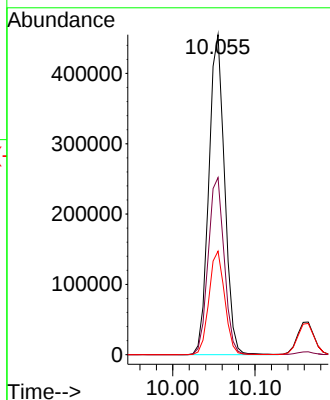
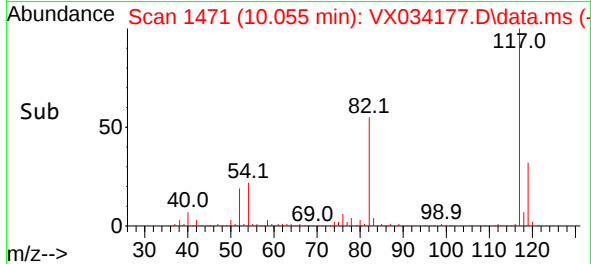
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion:117 Resp: 607298
Ion Ratio Lower Upper
117 100
82 55.3 40.6 60.8
119 32.4 25.6 38.4

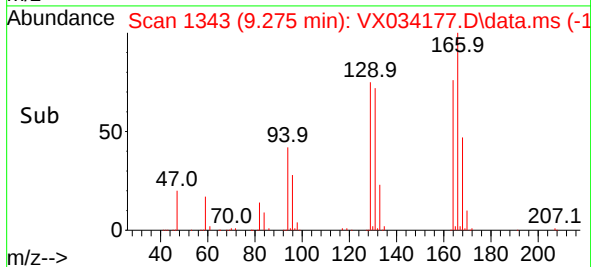
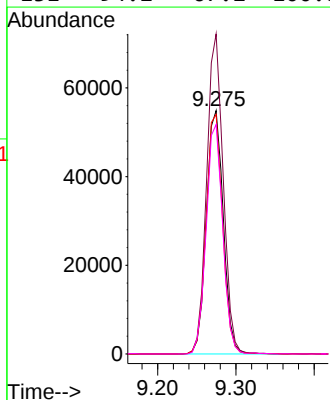
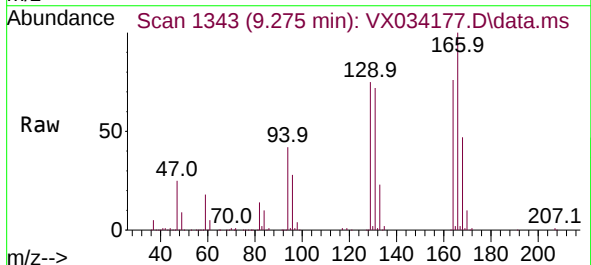
Manual Integrations
APPROVED

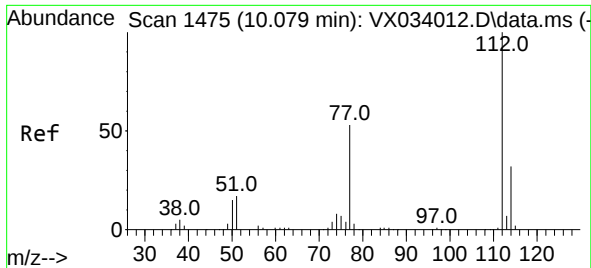
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#64
Tetrachloroethene
Concen: 19.281 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion:164 Resp: 82643
Ion Ratio Lower Upper
164 100
166 131.5 100.2 150.2
129 98.4 69.2 103.8
131 94.2 67.2 100.8





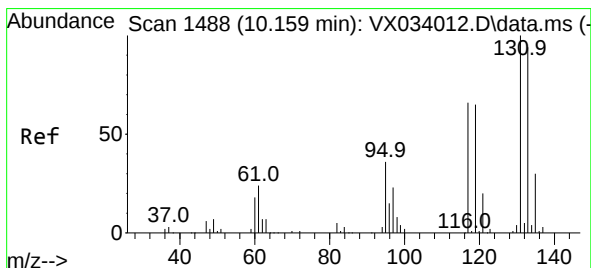
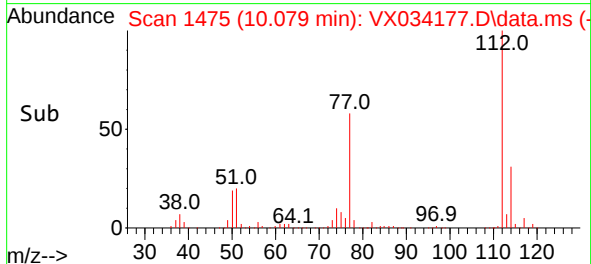
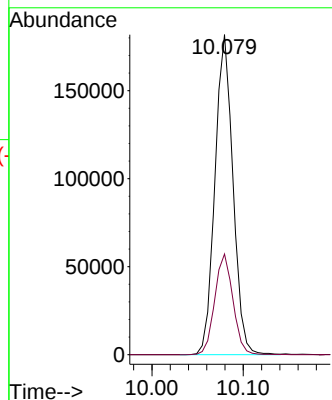
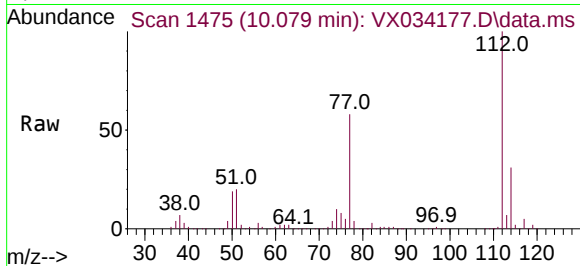
#65
Chlorobenzene
Concen: 19.703 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion:112 Resp: 249428
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4

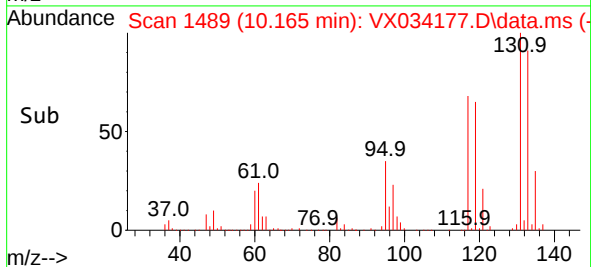
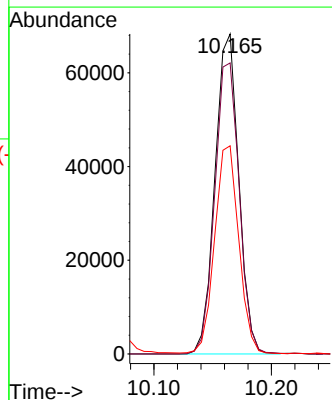
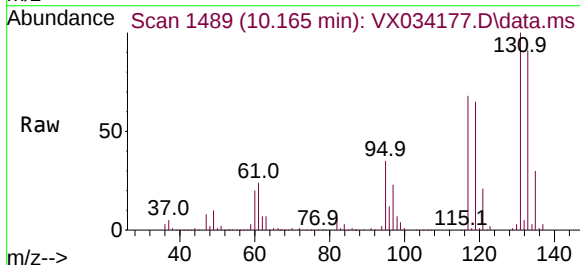
Manual Integrations
APPROVED

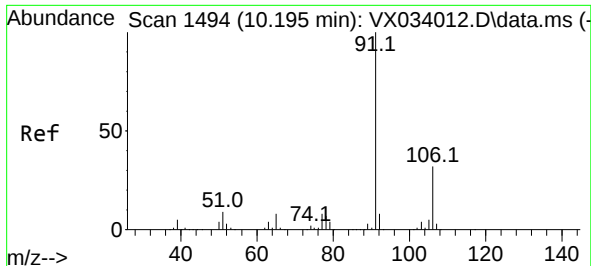
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.567 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

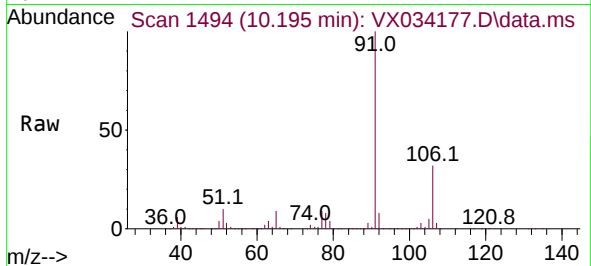
Tgt Ion:131 Resp: 95891
Ion Ratio Lower Upper
131 100
133 93.9 48.4 145.0
119 66.2 31.9 95.7





#67
Ethyl Benzene
Concen: 19.716 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

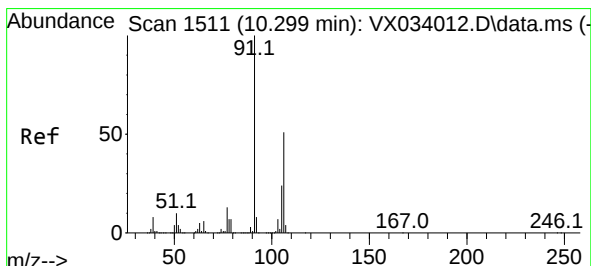
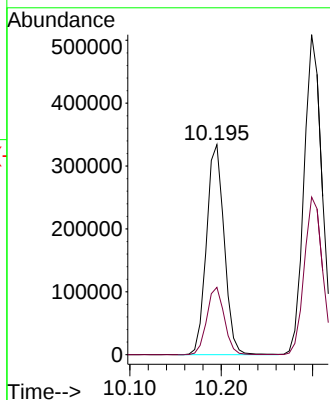
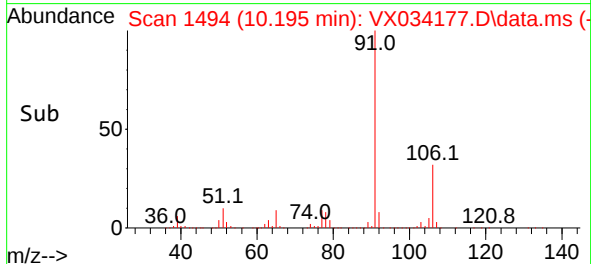
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



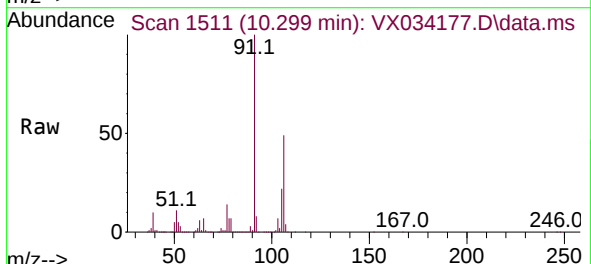
Tgt Ion: 91 Resp: 448392
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8

Manual Integrations
APPROVED

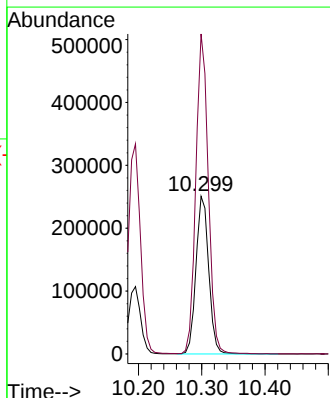
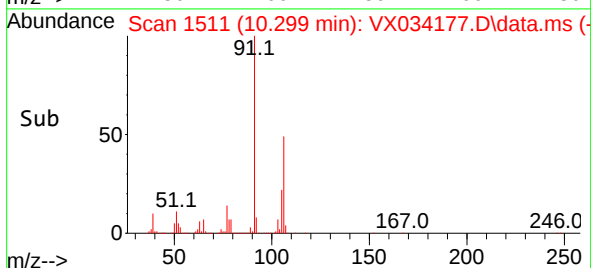
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

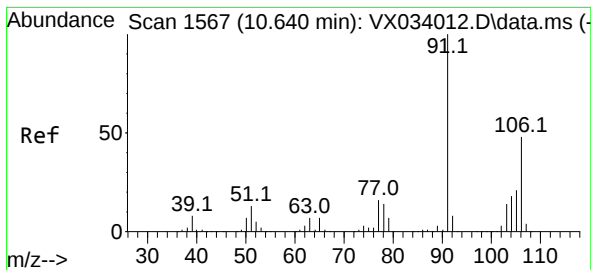


#68
m/p-Xylenes
Concen: 40.299 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



Tgt Ion:106 Resp: 350740
Ion Ratio Lower Upper
106 100
91 198.9 156.4 234.6





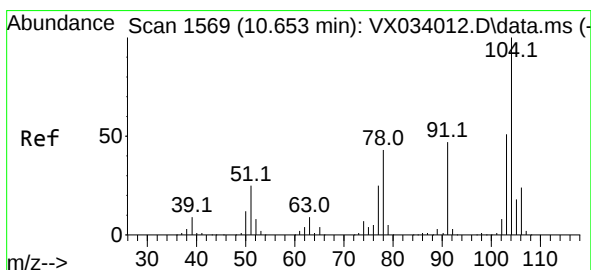
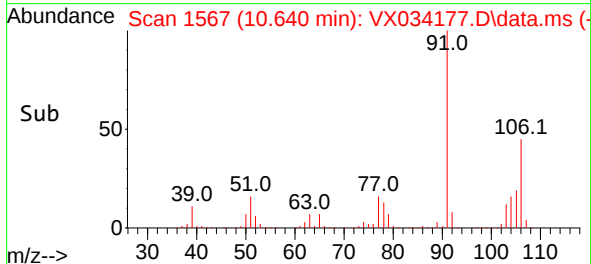
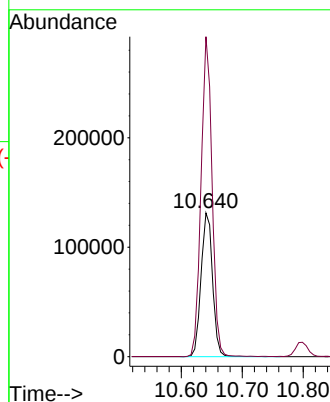
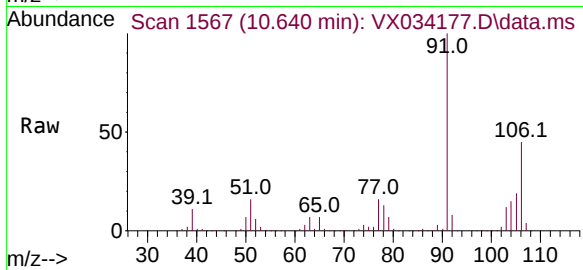
#69
o-Xylene
Concen: 19.813 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion:106 Resp: 171674
Ion Ratio Lower Upper
106 100
91 213.3 103.1 309.3

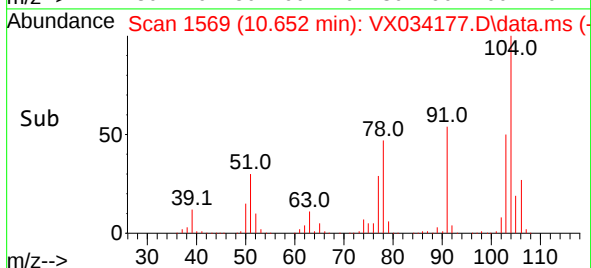
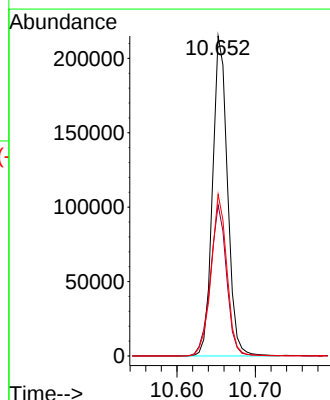
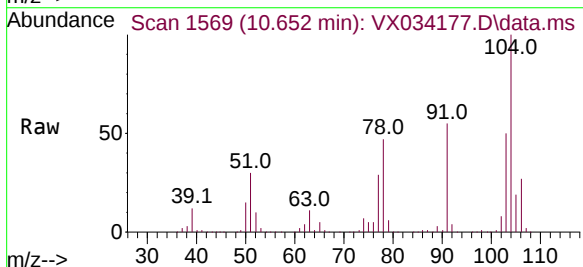
Manual Integrations
APPROVED

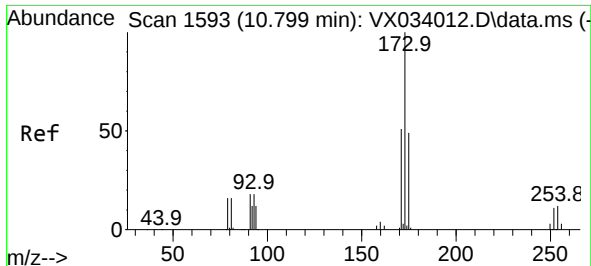
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#70
Styrene
Concen: 20.230 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

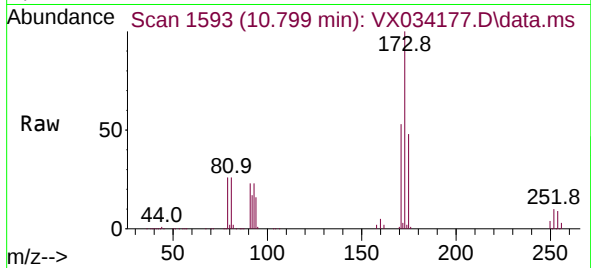
Tgt Ion:104 Resp: 285083
Ion Ratio Lower Upper
104 100
78 51.3 37.5 56.3
103 53.4 43.3 64.9





#71
Bromoform
Concen: 19.366 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

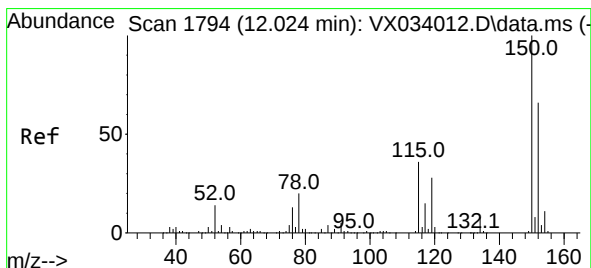
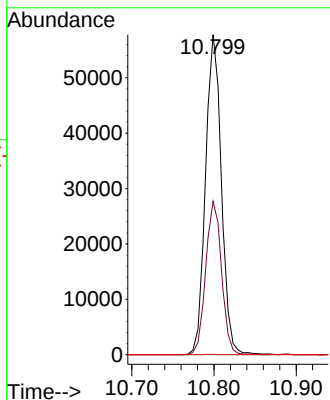
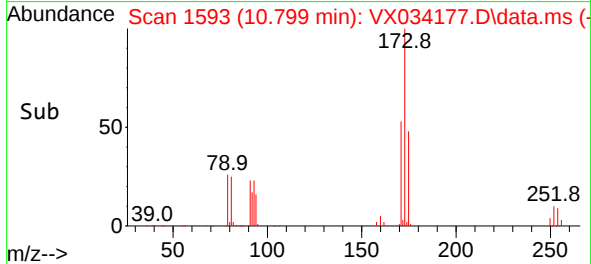
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



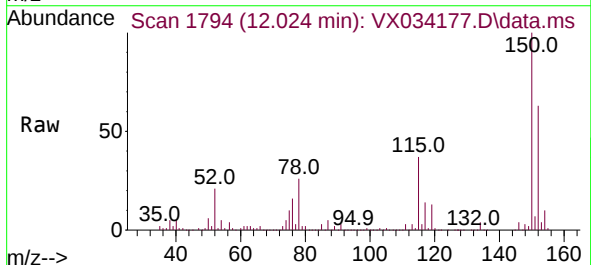
Tgt Ion:173 Resp: 77460
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

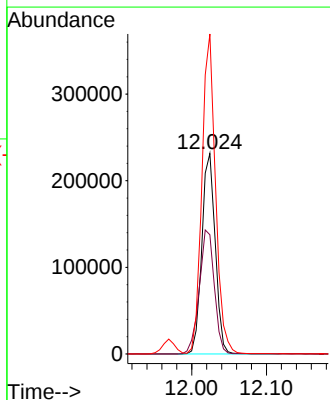
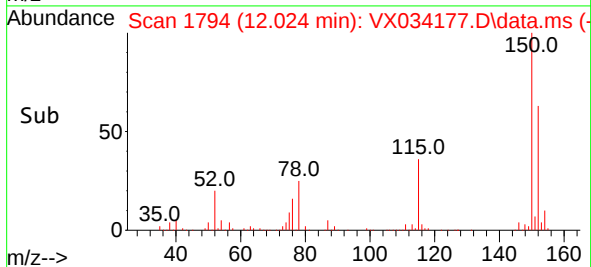
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

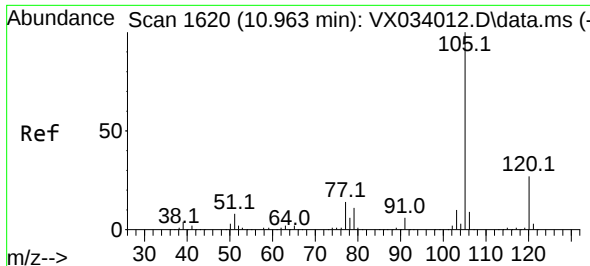


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



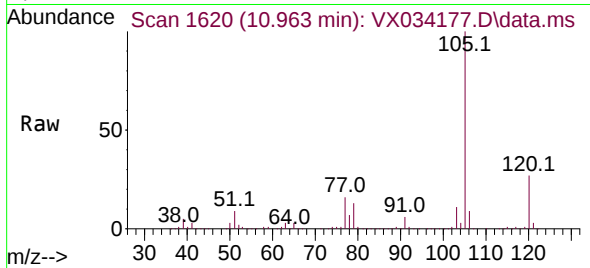
Tgt Ion:152 Resp: 288553
Ion Ratio Lower Upper
152 100
115 69.5 38.7 116.1
150 161.8 0.0 348.2





#73
Isopropylbenzene
Concen: 19.818 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

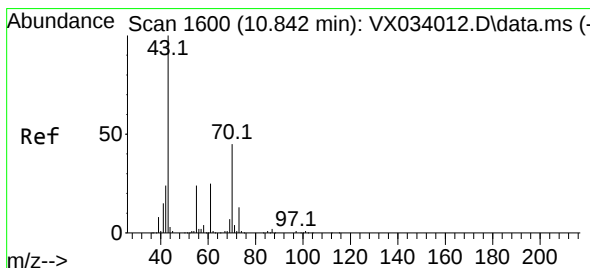
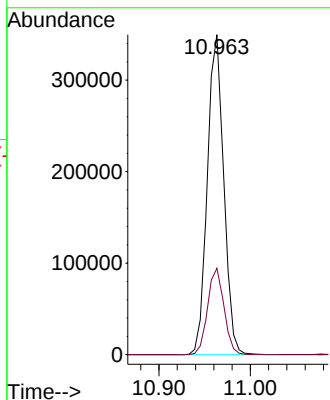
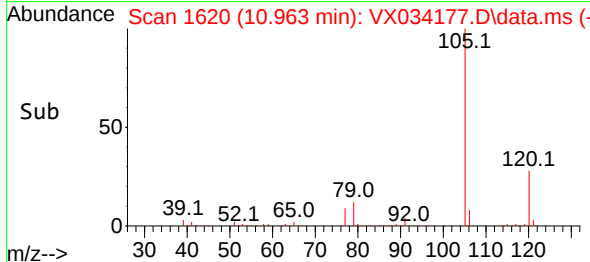
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



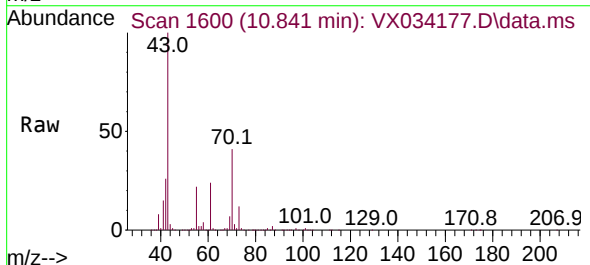
Tgt Ion:105 Resp: 435830
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.8

Manual Integrations
APPROVED

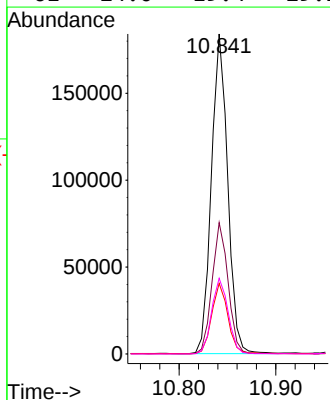
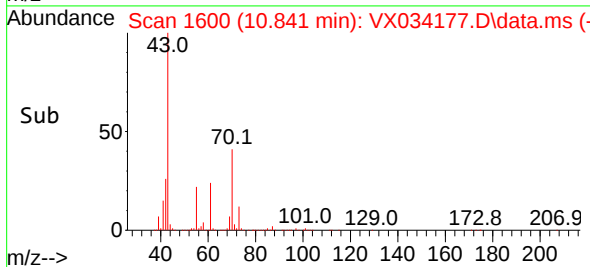
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

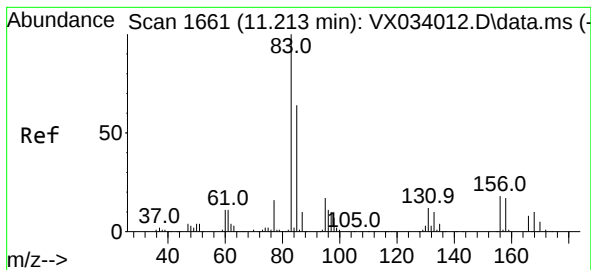


#74
N-ethyl acetate
Concen: 19.479 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



Tgt Ion: 43 Resp: 215204
Ion Ratio Lower Upper
43 100
70 40.5 34.8 52.2
55 21.8 19.4 29.0
61 24.0 19.4 29.2





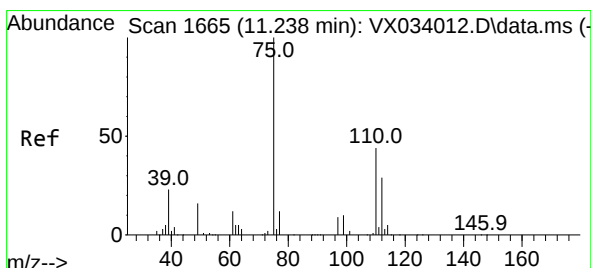
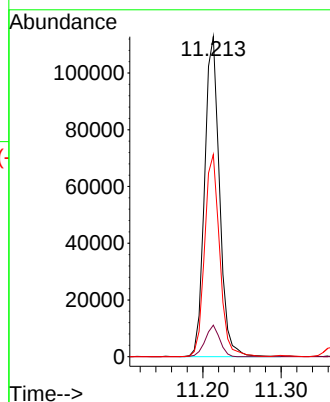
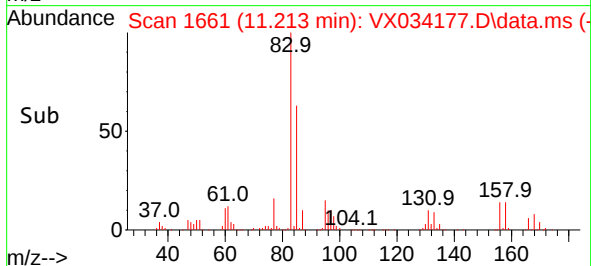
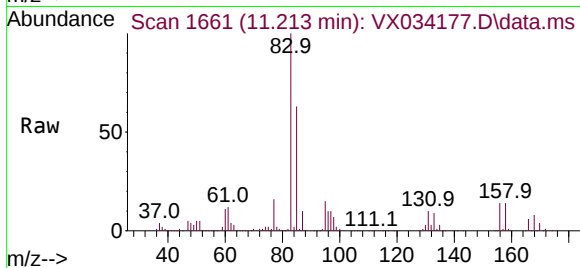
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.790 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX034177.D
 Acq: 20 Feb 2023 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tgt Ion: 83 Resp: 14885
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.5 16.7
 85 64.0 32.3 96.9

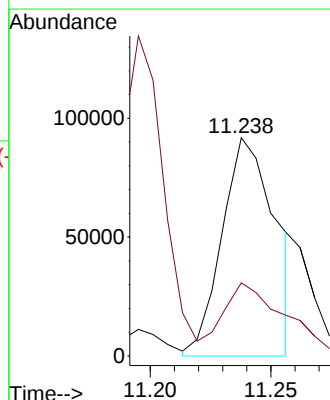
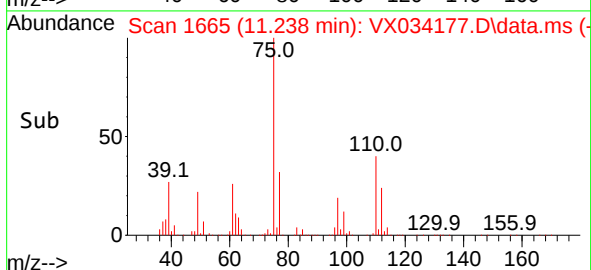
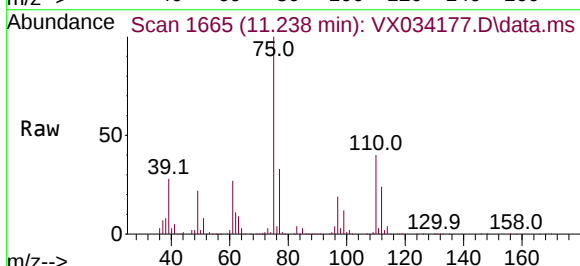
Manual Integrations
 APPROVED

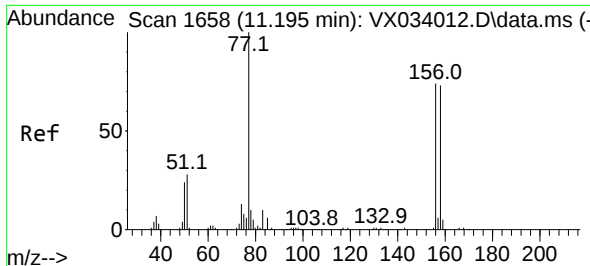
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#76
 1,2,3-Trichloropropane
 Concen: 19.375 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX034177.D
 Acq: 20 Feb 2023 11:01

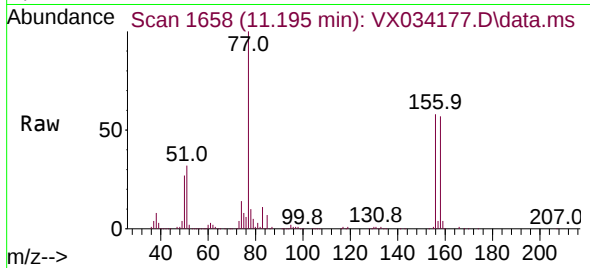
Tgt Ion: 75 Resp: 140677
 Ion Ratio Lower Upper
 75 100
 77 39.4 21.8 65.4





#77
Bromobenzene
Concen: 19.856 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

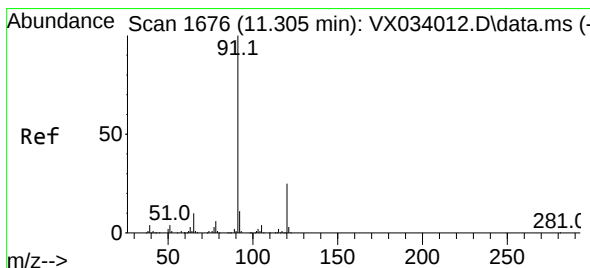
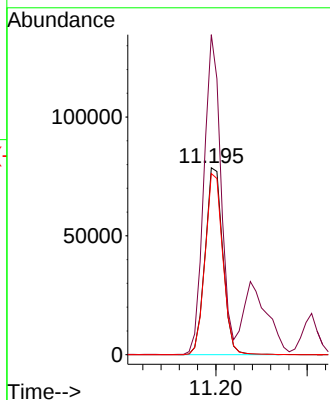
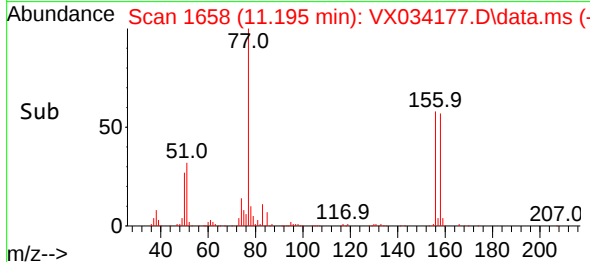
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



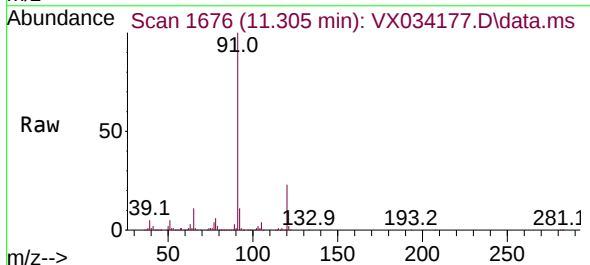
Tgt Ion:156 Resp: 105082
Ion Ratio Lower Upper
156 100
77 164.7 68.1 204.3
158 97.3 48.0 144.2

Manual Integrations
APPROVED

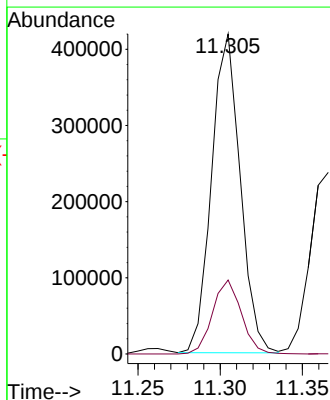
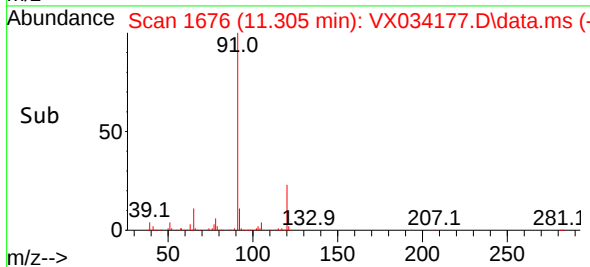
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

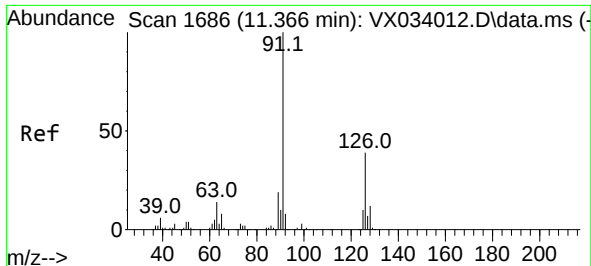


#78
n-propylbenzene
Concen: 19.843 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



Tgt Ion: 91 Resp: 507505
Ion Ratio Lower Upper
91 100
120 23.4 12.3 36.8





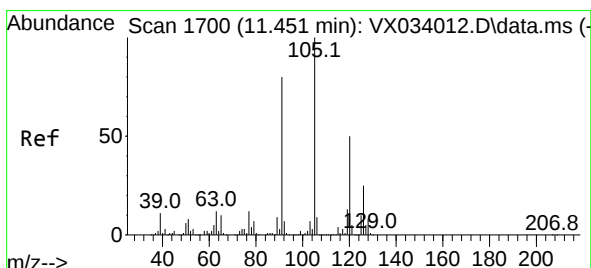
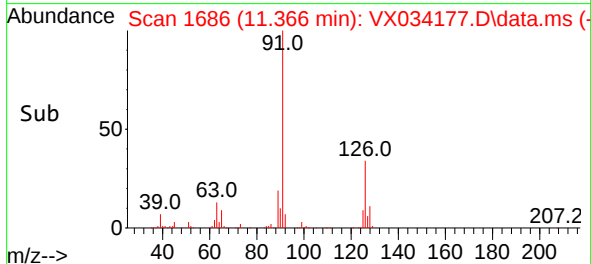
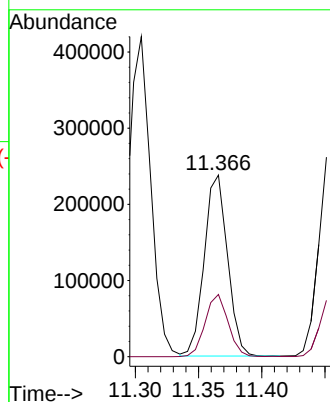
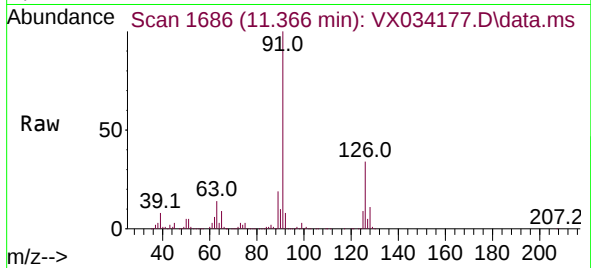
#79
2-Chlorotoluene
Concen: 19.377 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 91 Resp: 30388
Ion Ratio Lower Upper
91 100
126 33.9 18.1 54.1

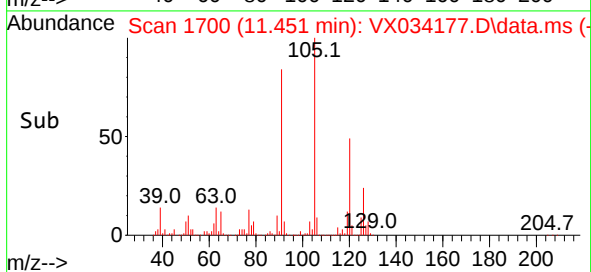
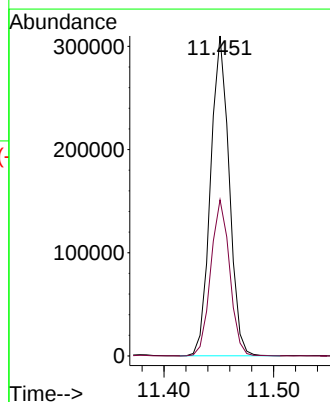
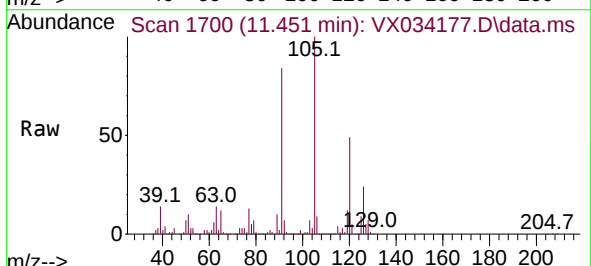
Manual Integrations
APPROVED

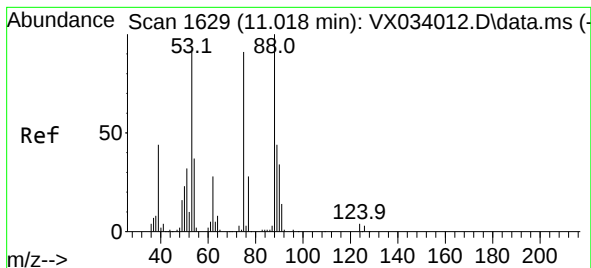
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.770 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion:105 Resp: 365535
Ion Ratio Lower Upper
105 100
120 49.6 25.6 76.8





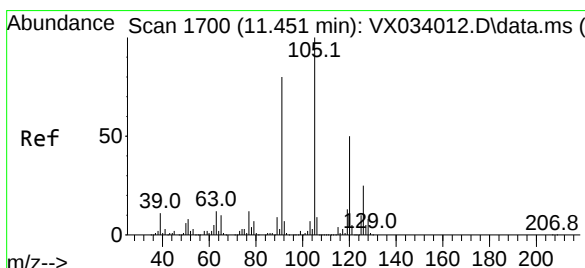
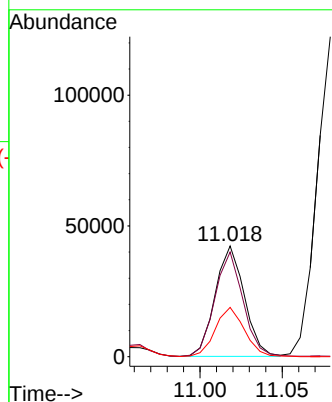
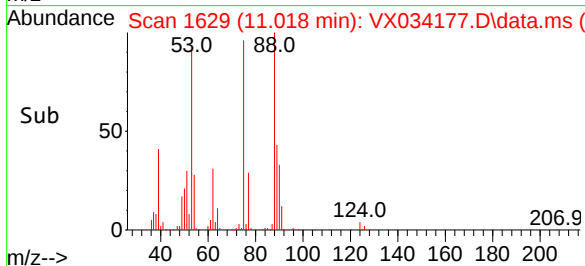
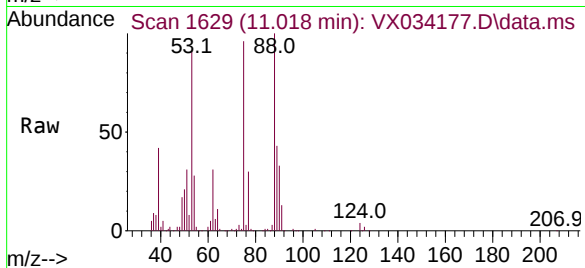
#81
trans-1,4-Dichloro-2-butene
Concen: 18.392 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion: 75 Resp: 5198
Ion Ratio Lower Upper
75 100
53 91.6 83.0 124.6
89 44.9 37.7 56.5

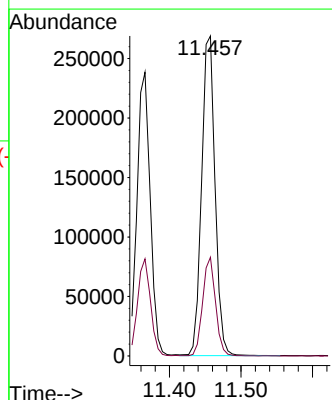
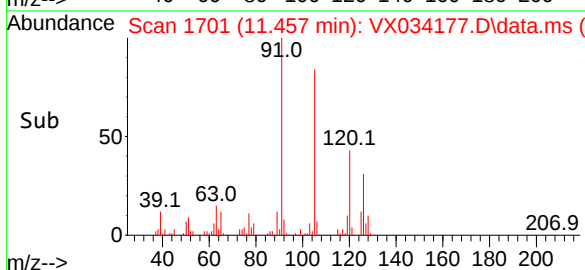
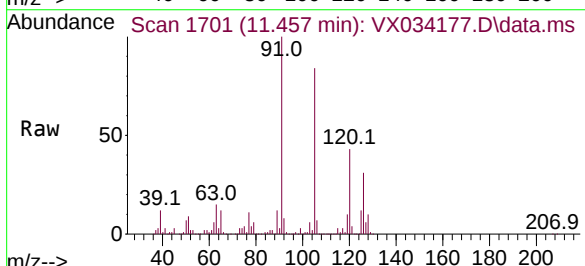
Manual Integrations
APPROVED

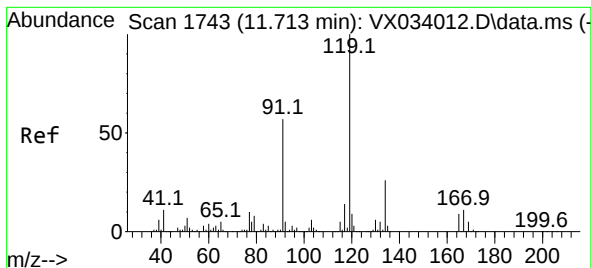
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#82
4-Chlorotoluene
Concen: 19.645 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

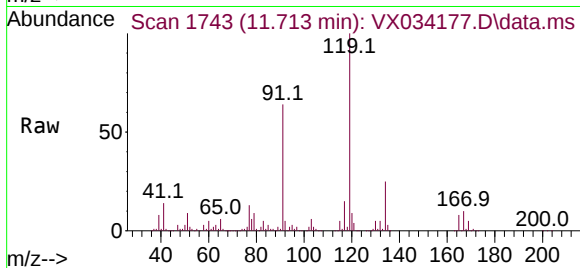
Tgt Ion: 91 Resp: 350911
Ion Ratio Lower Upper
91 100
126 29.6 15.8 47.4





#83
tert-Butylbenzene
Concen: 19.685 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

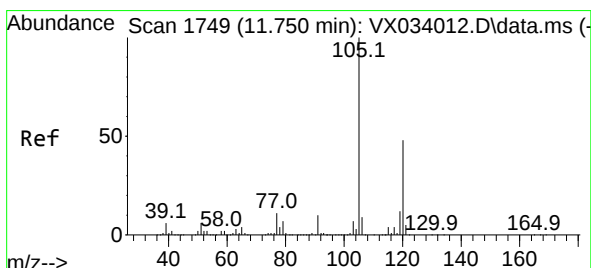
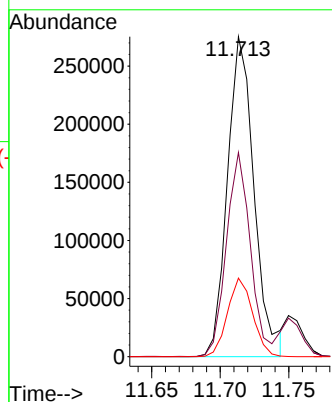
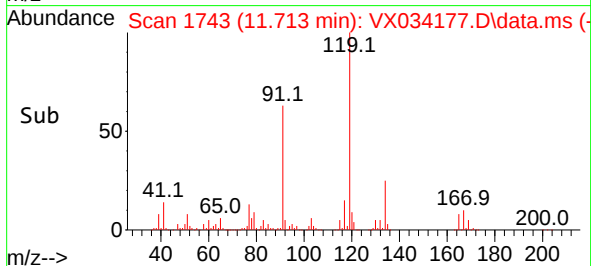
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



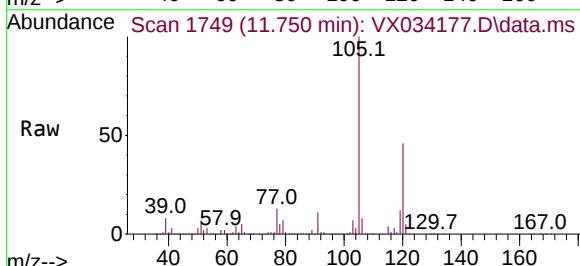
Tgt Ion:119 Resp: 372770
Ion Ratio Lower Upper
119 100
91 57.6 26.9 80.7
134 23.2 12.3 36.8

Manual Integrations
APPROVED

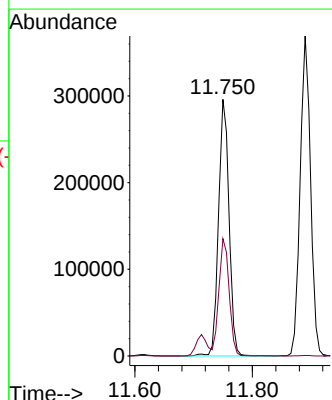
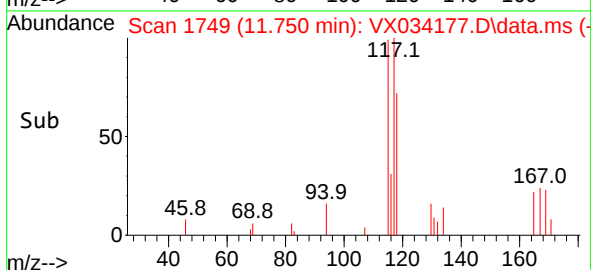
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

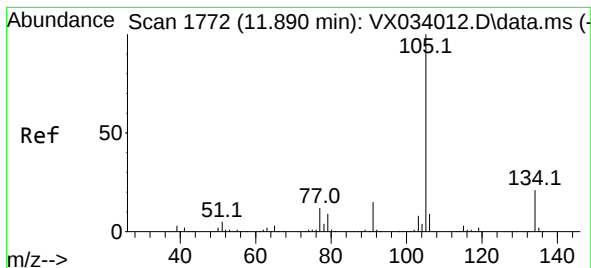


#84
1,2,4-Trimethylbenzene
Concen: 19.582 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



Tgt Ion:105 Resp: 366070
Ion Ratio Lower Upper
105 100
120 44.6 23.4 70.2





#85

sec-Butylbenzene

Concen: 19.655 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion:105 Resp: 45198

Ion Ratio Lower Upper

105 100

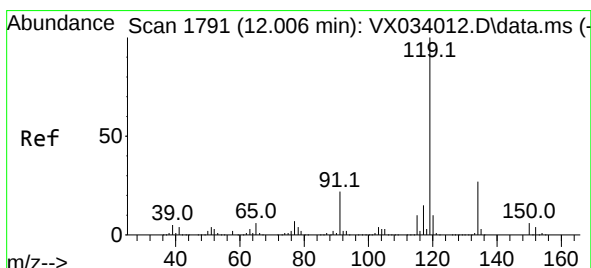
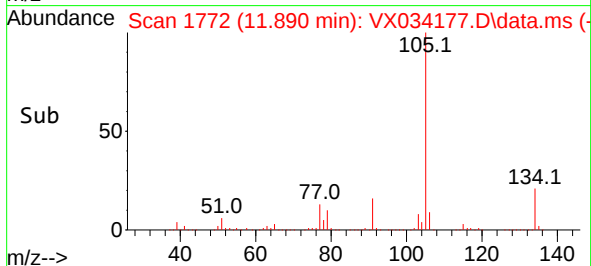
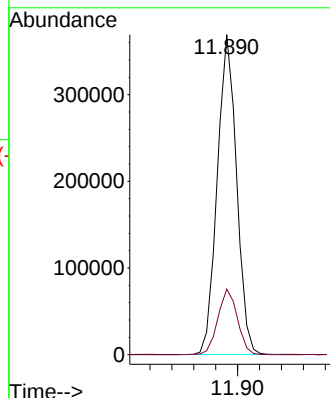
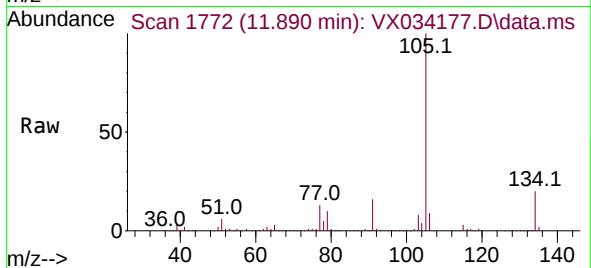
134 20.7 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#86

p-Isopropyltoluene

Concen: 19.649 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

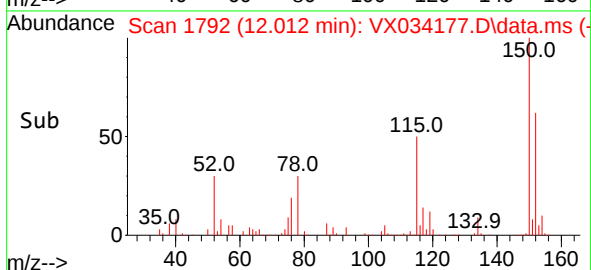
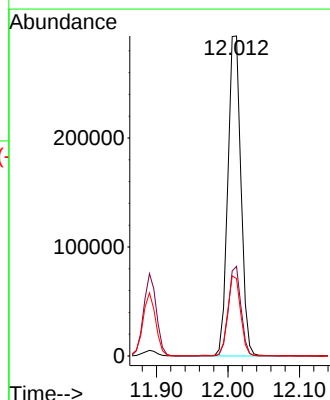
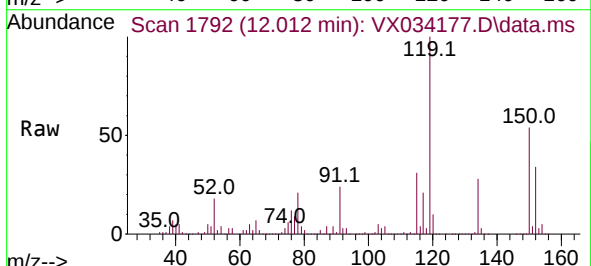
Tgt Ion:119 Resp: 373939

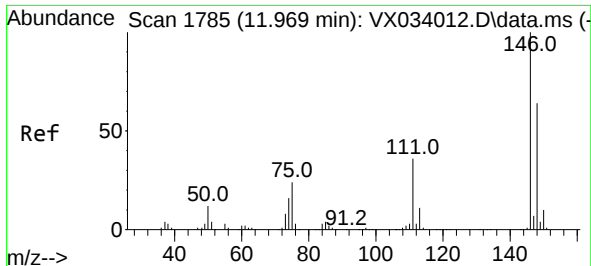
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

91 24.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.593 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034177.D

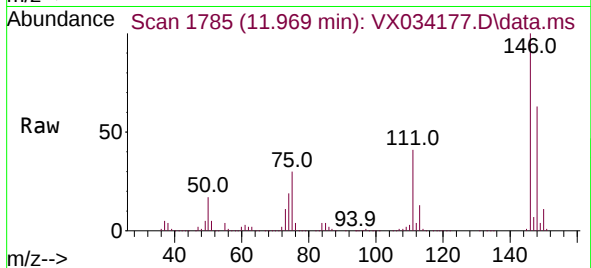
Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01



Tgt Ion:146 Resp: 194460

Ion Ratio Lower Upper

146 100

111 41.5 18.6 55.6

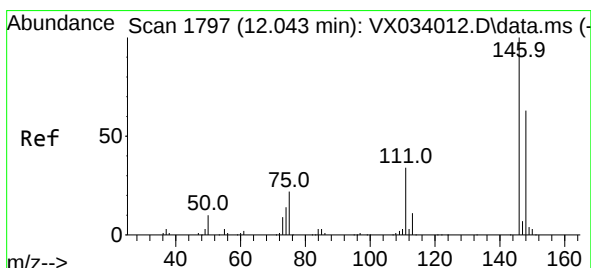
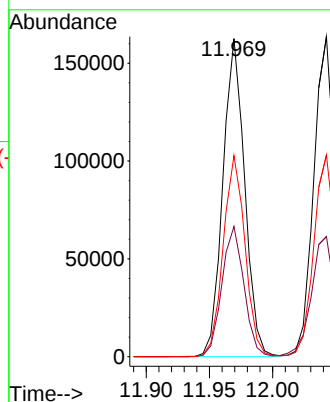
148 63.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#88

1,4-Dichlorobenzene

Concen: 19.633 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

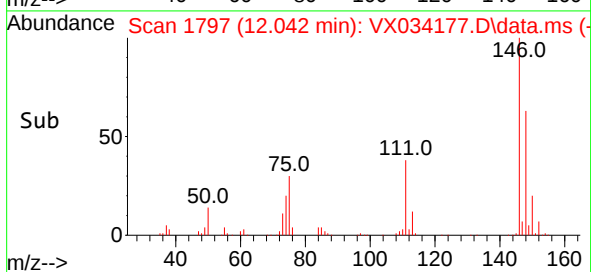
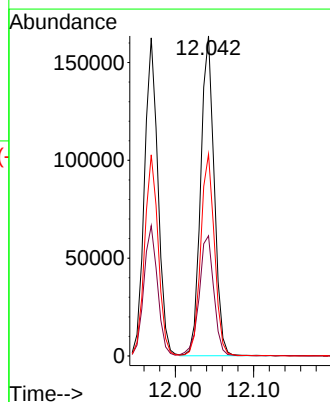
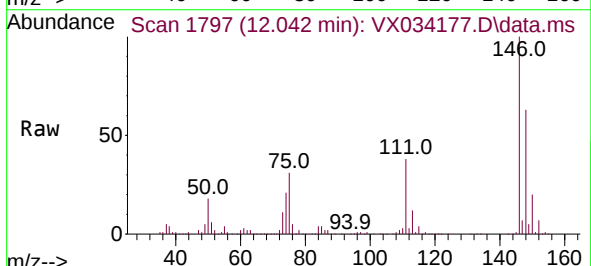
Tgt Ion:146 Resp: 196545

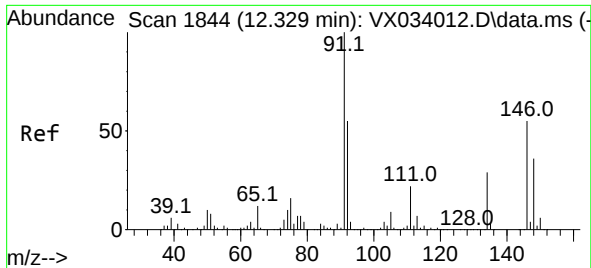
Ion Ratio Lower Upper

146 100

111 40.7 17.8 53.4

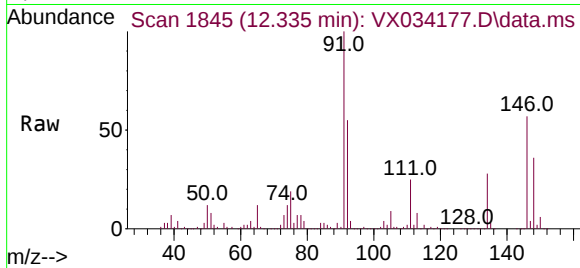
148 64.0 32.1 96.3





#89
n-Butylbenzene
Concen: 19.405 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

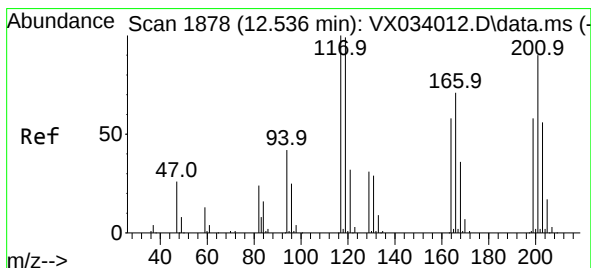
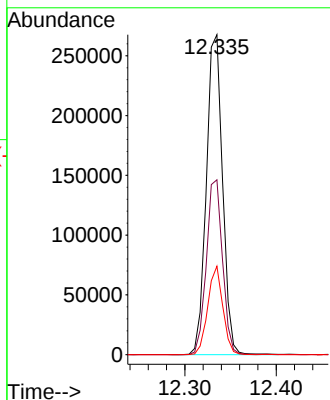
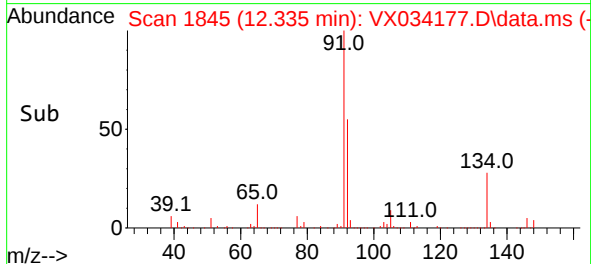
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion: 91 Resp: 32892
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.5
134 25.7 14.3 42.9

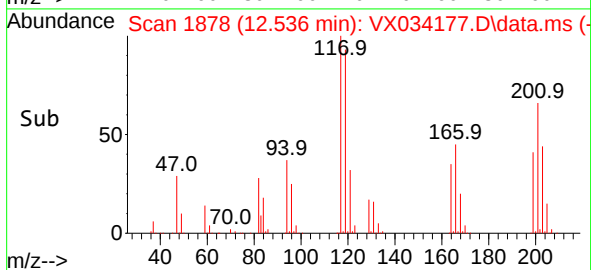
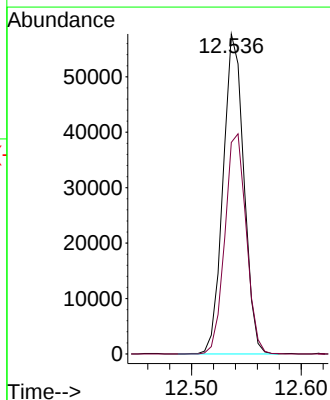
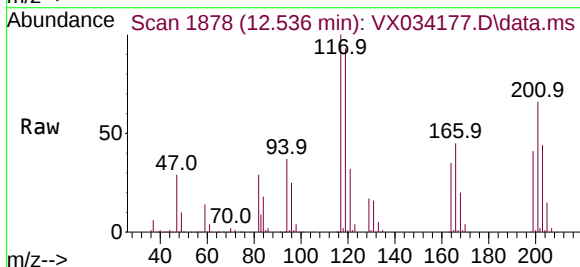
Manual Integrations
APPROVED

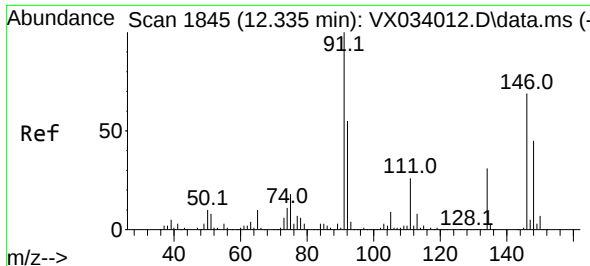
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#90
Hexachloroethane
Concen: 19.091 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

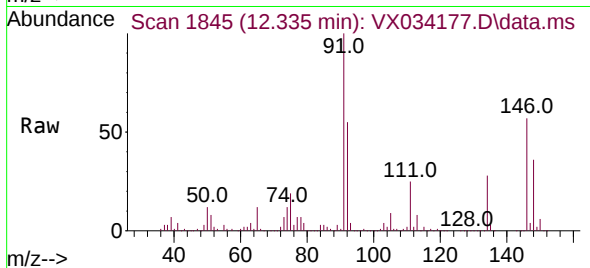
Tgt Ion:117 Resp: 75967
Ion Ratio Lower Upper
117 100
201 70.8 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 19.687 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

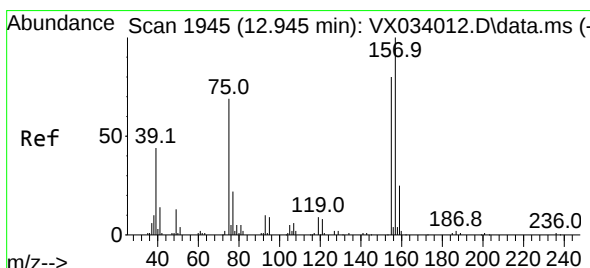
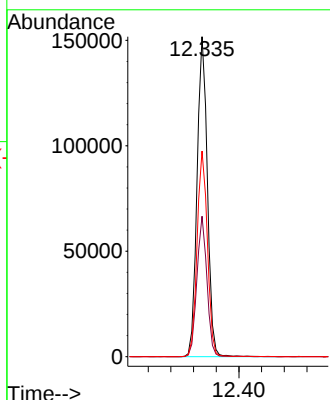
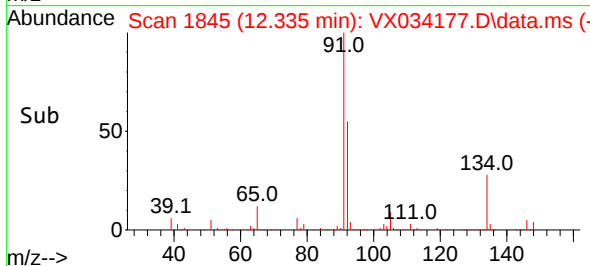
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



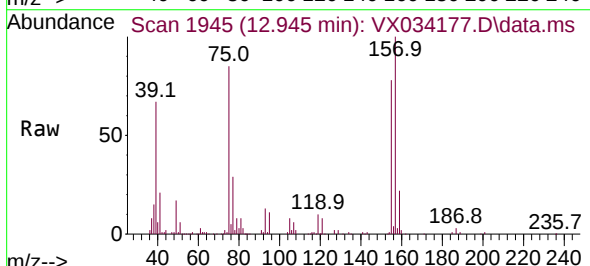
Tgt Ion:146 Resp: 19117
Ion Ratio Lower Upper
146 100
111 42.8 19.3 57.8
148 64.3 32.3 96.9

Manual Integrations
APPROVED

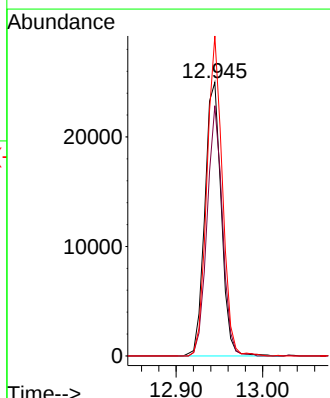
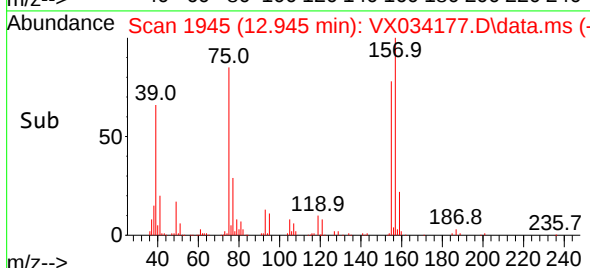
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

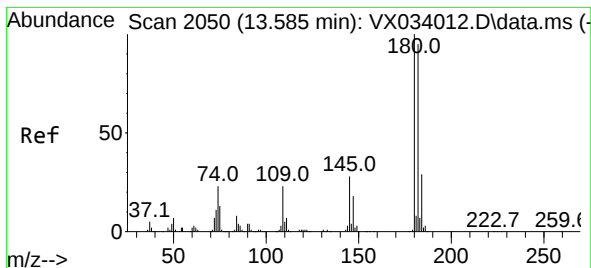


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.332 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01



Tgt Ion: 75 Resp: 32882
Ion Ratio Lower Upper
75 100
155 85.5 51.7 155.1
157 110.4 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 19.186 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

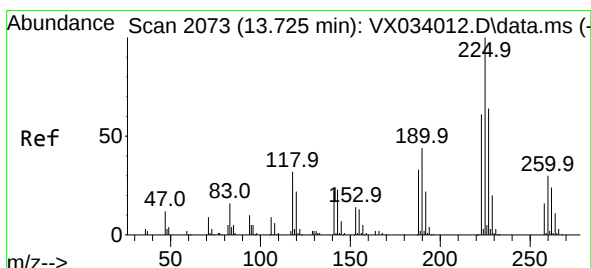
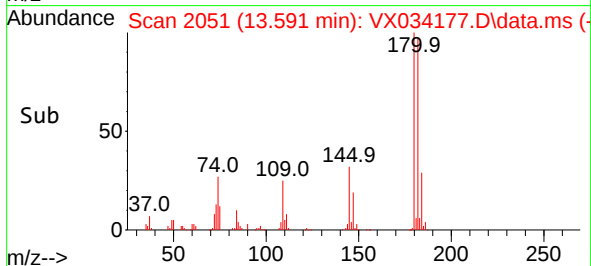
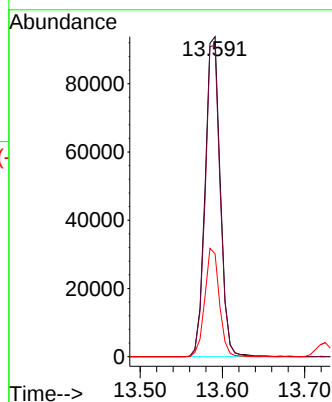
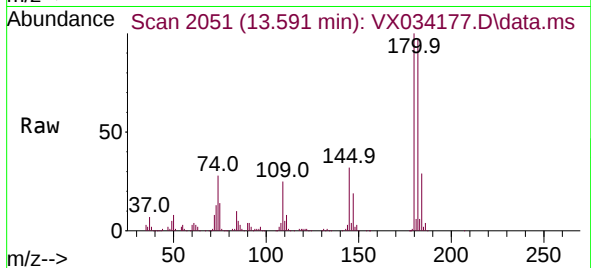
Tgt Ion:180	Resp:	11961
Ion Ratio	Lower	Upper
180	100	
182	96.6	47.9 143.6
145	32.6	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#94

Hexachlorobutadiene

Concen: 19.000 ug/l

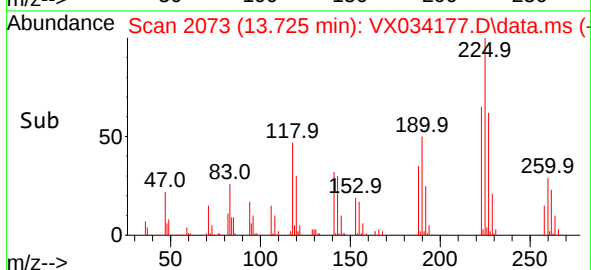
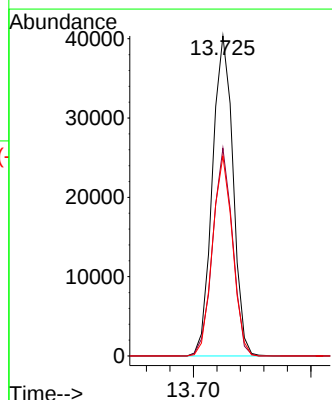
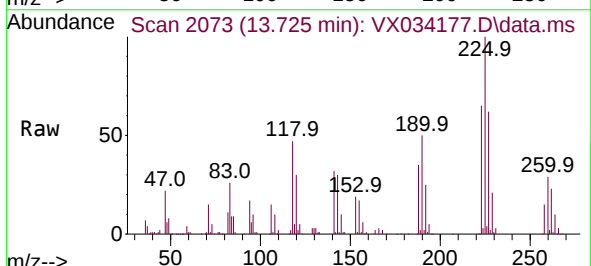
RT: 13.725 min Scan# 2073

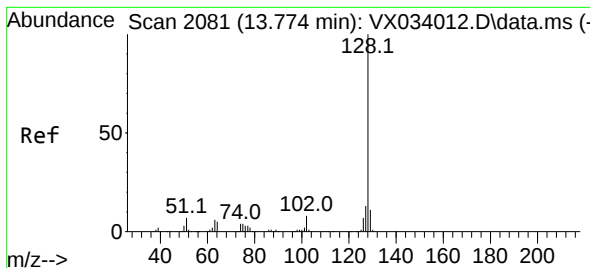
Delta R.T. 0.000 min

Lab File: VX034177.D

Acq: 20 Feb 2023 11:01

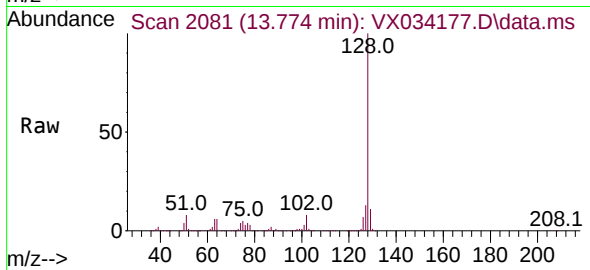
Tgt Ion:225	Resp:	49107
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.3 93.9
227	60.9	32.3 96.9





#95
Naphthalene
Concen: 19.819 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

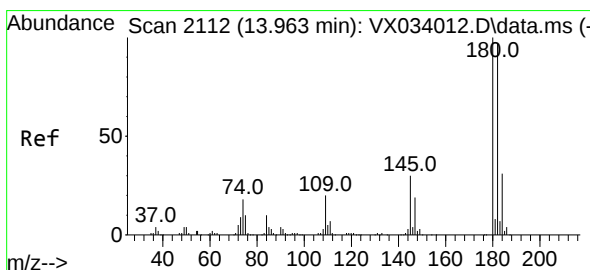
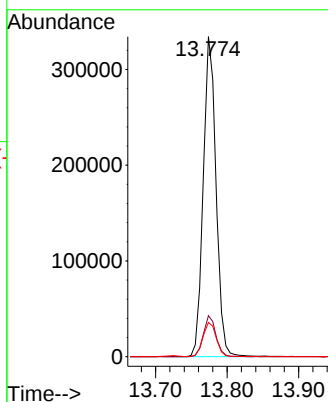
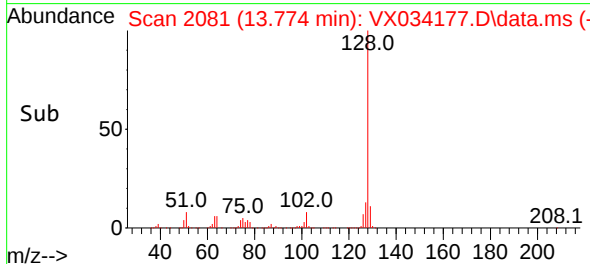
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01



Tgt Ion:128 Resp: 41625
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.558 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034177.D
Acq: 20 Feb 2023 11:01

Tgt Ion:180 Resp: 121052
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.9
145 32.7 15.1 45.3

