

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042123\
 Data File : VY013387.D
 Acq On : 21 Apr 2023 17:57
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 22 01:09:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042123S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 22 01:00:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	307066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	454697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	393274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	203333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	276502	85.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.820%#	
35) Dibromofluoromethane	7.716	113	262158	92.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 184.240%#	
50) Toluene-d8	10.179	98	914714	89.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 179.720%#	
62) 4-Bromofluorobenzene	12.483	95	314631	92.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 185.660%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	325692	104.414	ug/l	97
3) Chloromethane	2.113	50	342013	99.755	ug/l	99
4) Vinyl Chloride	2.253	62	343751	106.313	ug/l	99
5) Bromomethane	2.656	94	204661	92.984	ug/l	100
6) Chloroethane	2.790	64	191086	98.208	ug/l	97
7) Trichlorofluoromethane	3.125	101	571748	104.813	ug/l	98
8) Diethyl Ether	3.527	74	178973	93.466	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	304629	97.692	ug/l	99
10) Methyl Iodide	4.088	142	445071	107.049	ug/l	100
11) Tert butyl alcohol	4.991	59	136693	374.029	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	297820	97.502	ug/l	96
13) Acrolein	3.729	56	115309	336.294	ug/l	95
14) Allyl chloride	4.478	41	481572	93.055	ug/l	99
15) Acrylonitrile	5.161	53	436279	409.919	ug/l	99
16) Acetone	3.954	43	554167	421.147	ug/l	99
17) Carbon Disulfide	4.192	76	967555	97.631	ug/l	100
18) Methyl Acetate	4.478	43	322098	80.070	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	832339	96.585	ug/l	98
20) Methylene Chloride	4.710	84	334123	99.425	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	327095	95.896	ug/l	96
22) Diisopropyl ether	6.112	45	900145	92.598	ug/l	94
23) Vinyl Acetate	6.057	43	2836245	456.823	ug/l	100
24) 1,1-Dichloroethane	6.015	63	546996	92.748	ug/l	100
25) 2-Butanone	6.984	43	635846	418.616	ug/l	100
26) 2,2-Dichloropropane	6.978	77	520669	103.071	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	361599	100.236	ug/l	99
28) Bromochloromethane	7.332	49	172412	87.694	ug/l	100
29) Tetrahydrofuran	7.344	42	373966	415.785	ug/l	100
30) Chloroform	7.502	83	572821	93.948	ug/l	99
31) Cyclohexane	7.783	56	474780	93.028	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	541447	100.228	ug/l	99
36) 1,1-Dichloropropene	7.917	75	433997	100.401	ug/l	99
37) Ethyl Acetate	7.069	43	283090	87.441	ug/l	98
38) Carbon Tetrachloride	7.899	117	514950	102.914	ug/l	95
39) Methylcyclohexane	9.179	83	541229	109.024	ug/l	99
40) Benzene	8.155	78	1215956	97.049	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	361921	230.749	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	395889	96.003	ug/l	99
43) Isopropyl Acetate	8.270	43	467028	90.603	ug/l	100
44) Trichloroethene	8.941	130	349506	99.599	ug/l	98
45) 1,2-Dichloropropane	9.215	63	291734	96.041	ug/l	99
46) Dibromomethane	9.307	93	184782	90.876	ug/l	98
47) Bromodichloromethane	9.496	83	433739	95.242	ug/l	99
48) Methyl methacrylate	9.289	41	224077	92.642	ug/l	99
49) 1,4-Dioxane	9.307	88	52242	1699.658	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	1244836	425.547	ug/l	99
52) Toluene	10.240	92	772207	98.317	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	465429	97.054	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	506509	97.430	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	250327	90.491	ug/l	98
56) Ethyl methacrylate	10.508	69	354832	96.597	ug/l	98
57) 1,3-Dichloropropane	10.788	76	408997	91.456	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	575861	419.923	ug/l	99
59) 2-Hexanone	10.831	43	946755	426.562	ug/l	99
60) Dibromochloromethane	10.983	129	337914	97.422	ug/l	98
61) 1,2-Dibromoethane	11.087	107	253492	92.697	ug/l	99
64) Tetrachloroethene	10.721	164	303958	102.346	ug/l	97
65) Chlorobenzene	11.514	112	825015	98.906	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	320460	101.227	ug/l	99
67) Ethyl Benzene	11.593	91	1485655	105.032	ug/l	99
68) m/p-Xylenes	11.703	106	1153112	209.206	ug/l	99
69) o-Xylene	12.026	106	549953	106.750	ug/l	100
70) Styrene	12.044	104	907251	105.292	ug/l	99
71) Bromoform	12.209	173	227768	97.314	ug/l	99
73) Isopropylbenzene	12.331	105	1447044	105.407	ug/l	100
74) N-amyl acetate	12.142	43	406049	94.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	292194	87.151	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	394703	167.461	ug/l #	100
77) Bromobenzene	12.611	156	356428	98.744	ug/l	98
78) n-propylbenzene	12.672	91	1725685	103.364	ug/l	100
79) 2-Chlorotoluene	12.757	91	963480	101.401	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1206437	104.929	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	110174	92.258	ug/l	97
82) 4-Chlorotoluene	12.855	91	1016981	102.709	ug/l	99
83) tert-Butylbenzene	13.074	119	1052530	105.731	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1193958	105.846	ug/l	100
85) sec-Butylbenzene	13.251	105	1536153	104.503	ug/l	100
86) p-Isopropyltoluene	13.367	119	1294374	105.429	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	676536	98.700	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	673311	97.134	ug/l	100
89) n-Butylbenzene	13.696	91	1207583	105.187	ug/l	100
90) Hexachloroethane	13.965	117	251659	97.134	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	608388	95.980	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	56616	91.825	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	398214	104.304	ug/l	98
94) Hexachlorobutadiene	15.111	225	234716	100.344	ug/l	100
95) Naphthalene	15.239	128	854858	104.364	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	356832	100.748	ug/l	100

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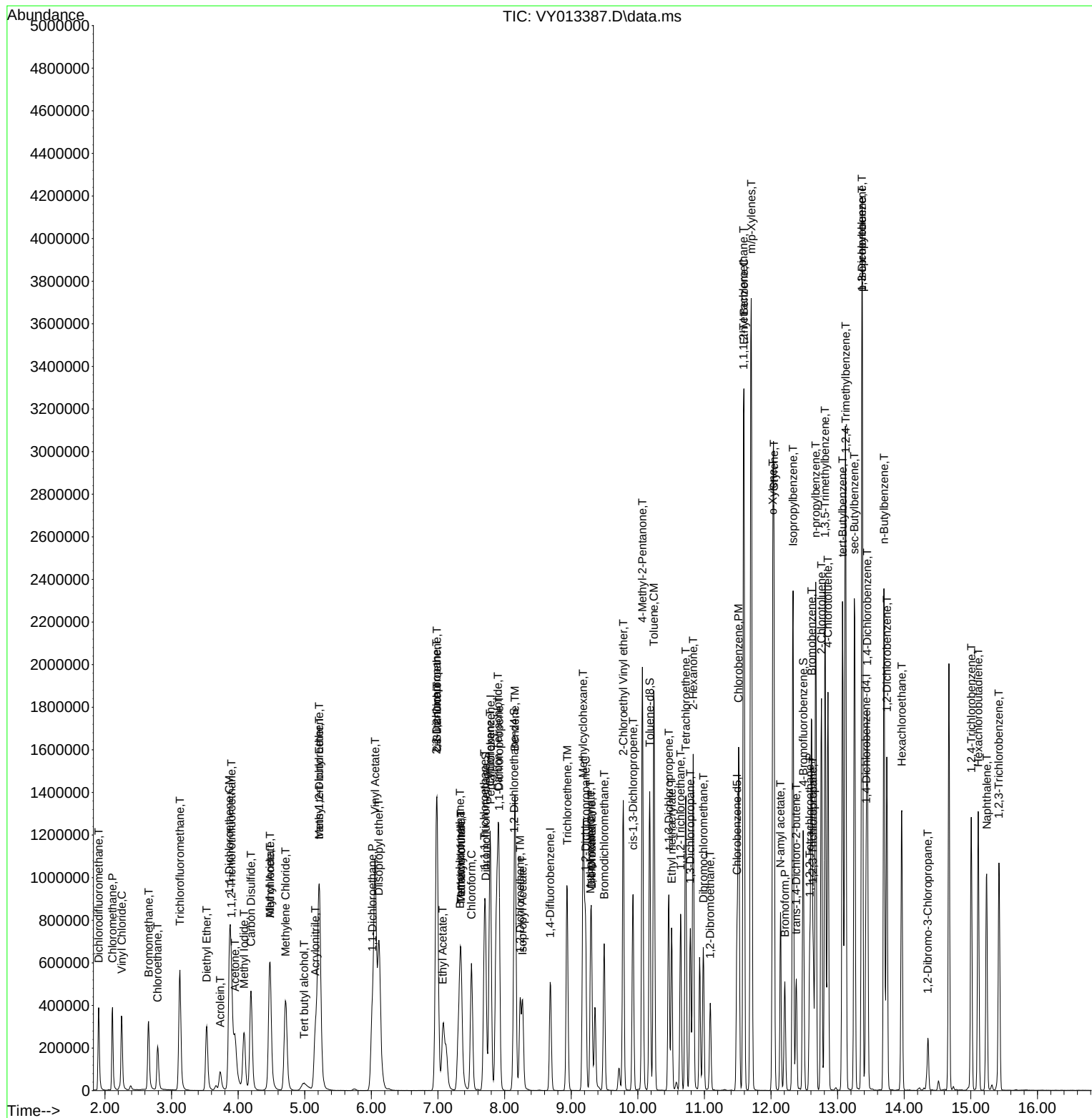
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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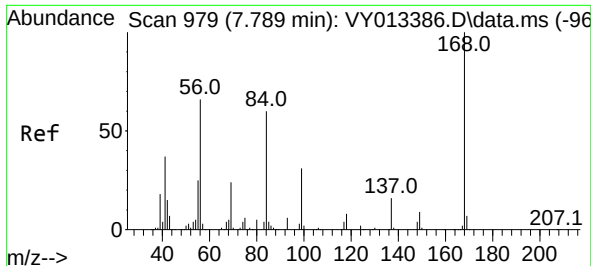
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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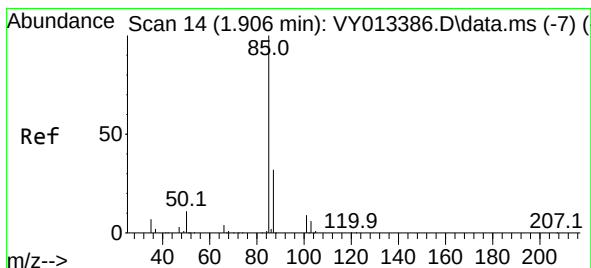
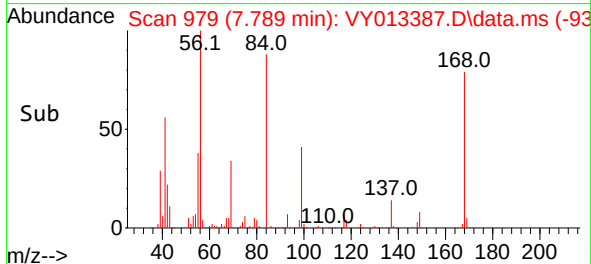
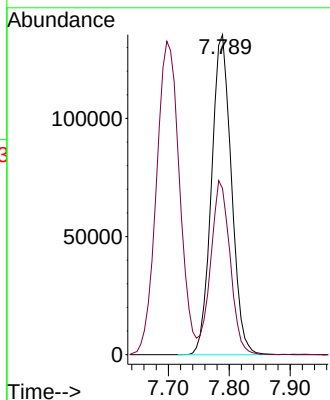
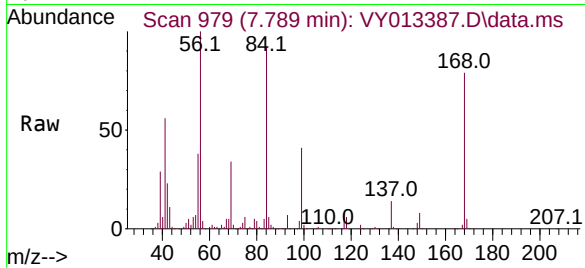




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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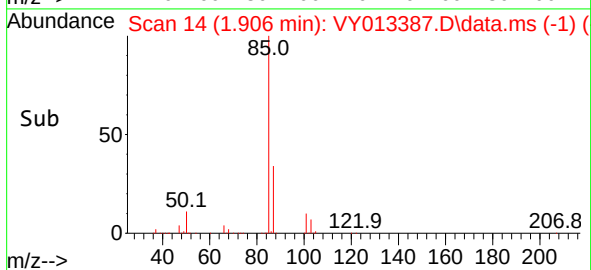
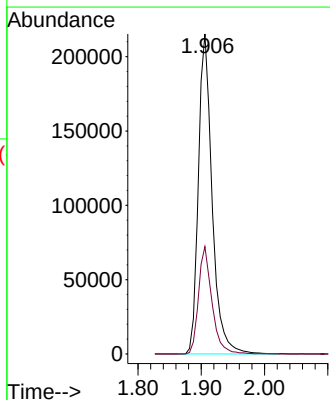
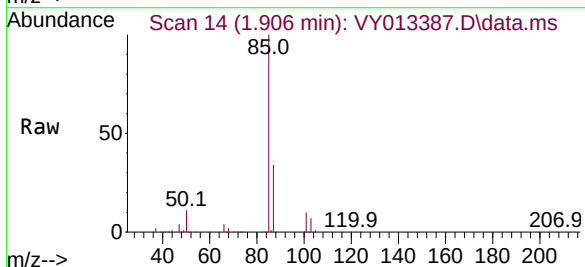
Instrument :
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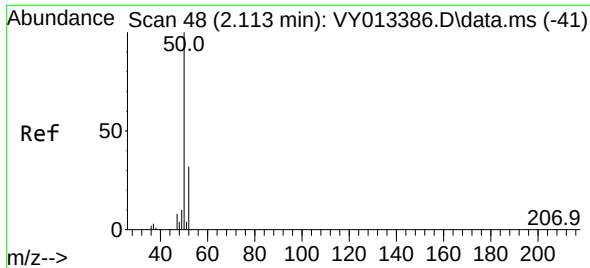
Tgt Ion:168 Resp: 307066
Ion Ratio Lower Upper
168 100
99 52.0 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 104.414 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 85 Resp: 325692
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2

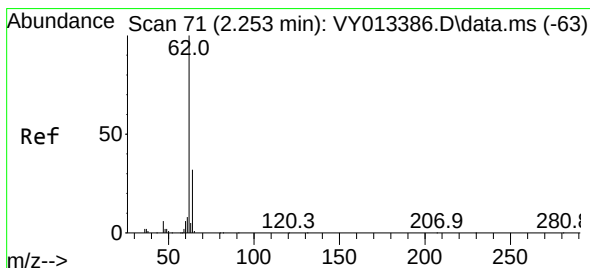
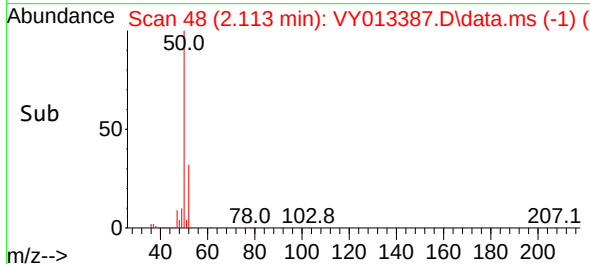
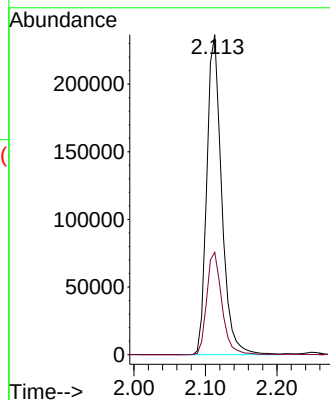
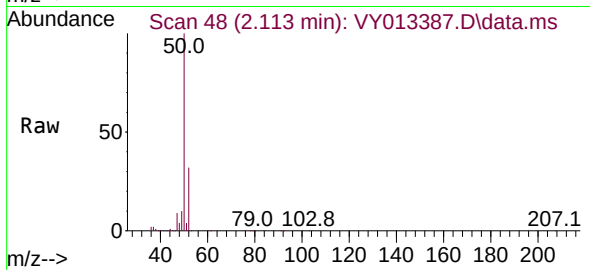




#3
Chloromethane
Concen: 99.755 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013387.D
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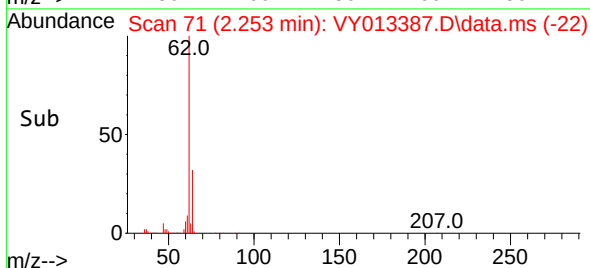
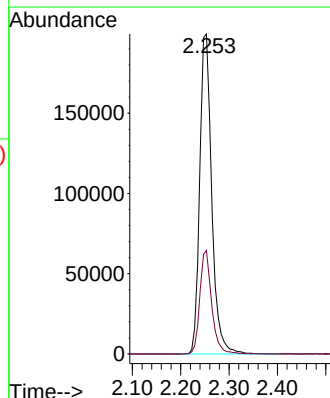
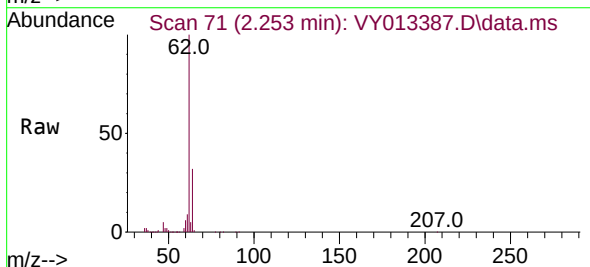
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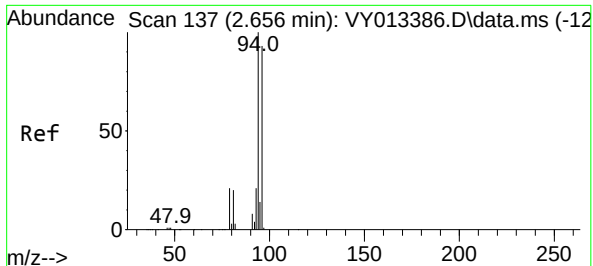
Tgt Ion: 50 Resp: 342013
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9



#4
Vinyl Chloride
Concen: 106.313 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
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Tgt Ion: 62 Resp: 343751
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0

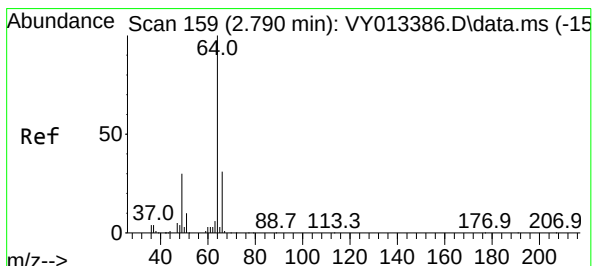
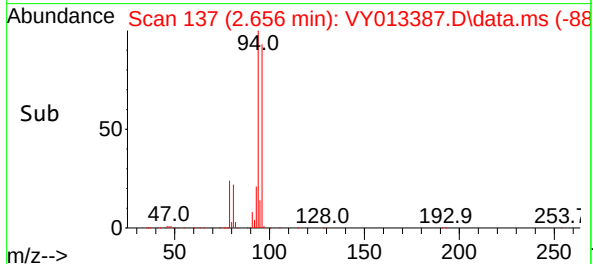
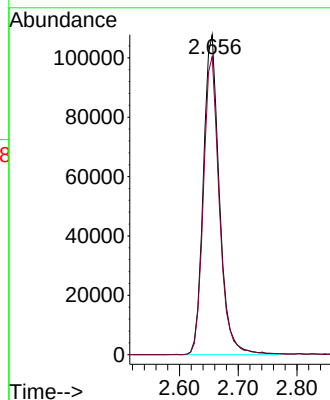
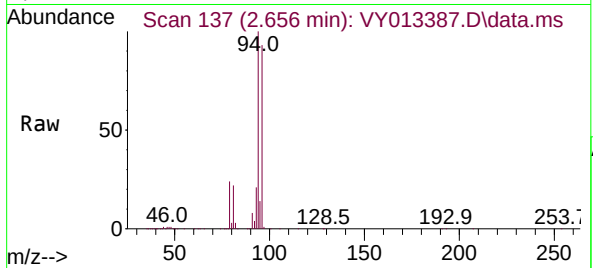




#5
Bromomethane
Concen: 92.984 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
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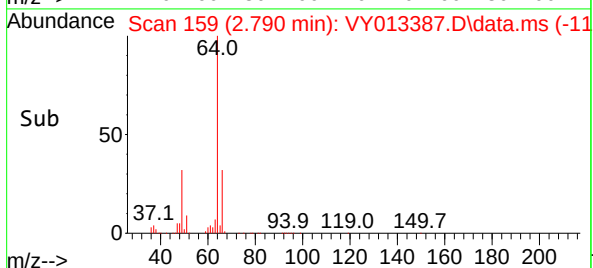
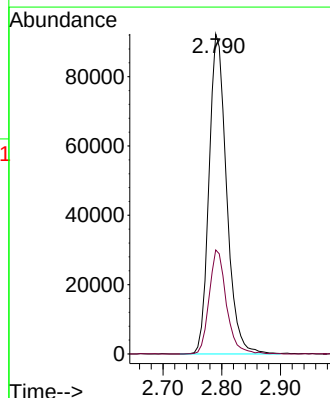
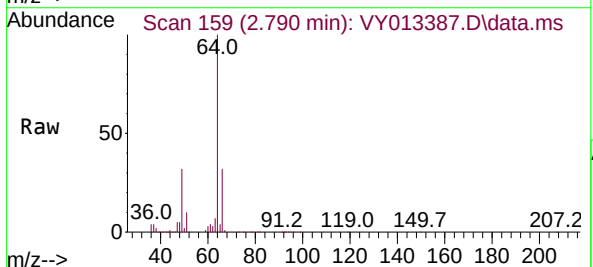
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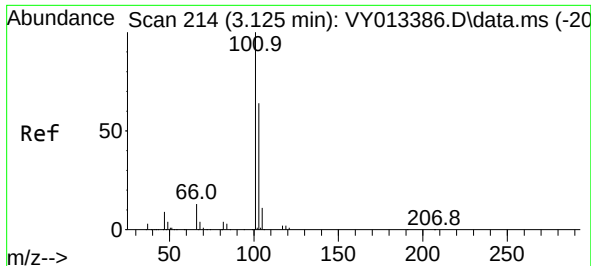
Tgt Ion: 94 Resp: 204661
Ion Ratio Lower Upper
94 100
96 93.2 74.2 111.2



#6
Chloroethane
Concen: 98.208 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013387.D
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Tgt Ion: 64 Resp: 191086
Ion Ratio Lower Upper
64 100
66 32.5 24.6 37.0

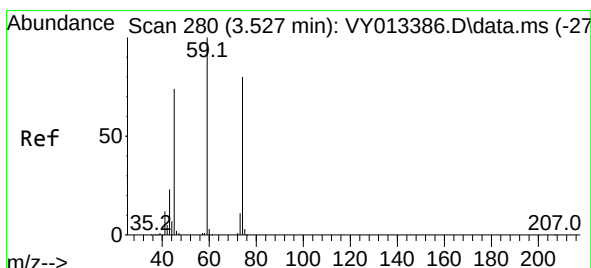
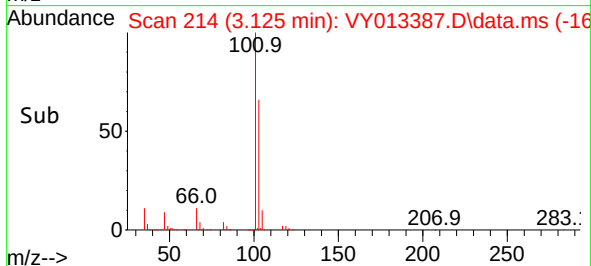
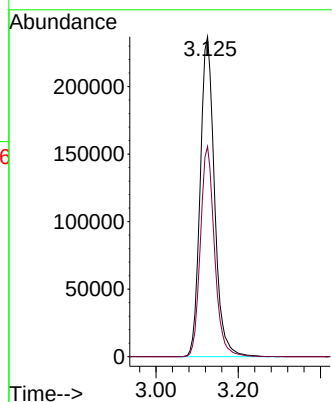
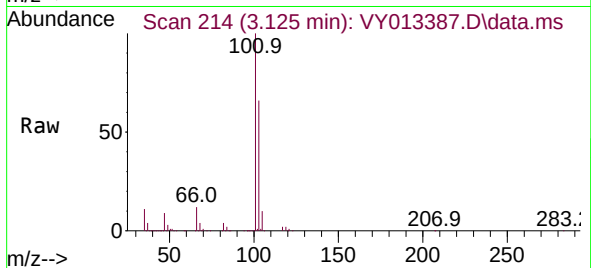




#7
 Trichlorofluoromethane
 Concen: 104.813 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013387.D
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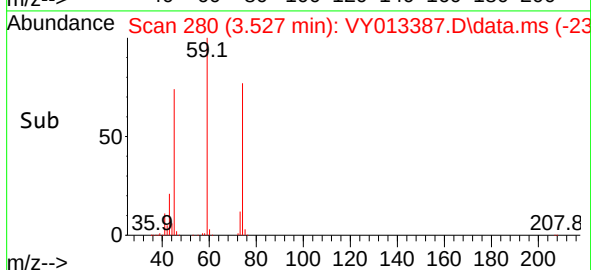
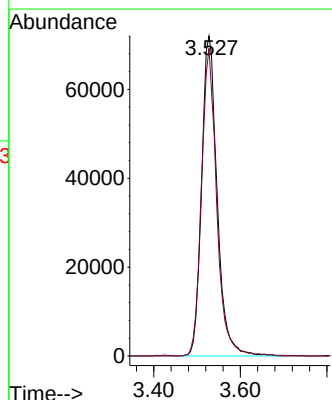
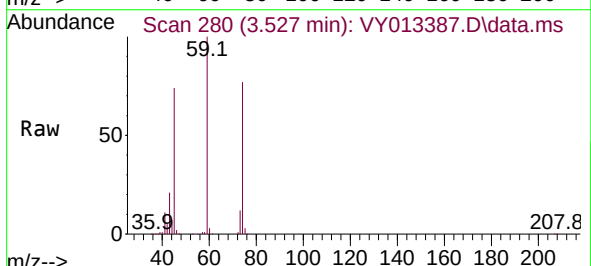
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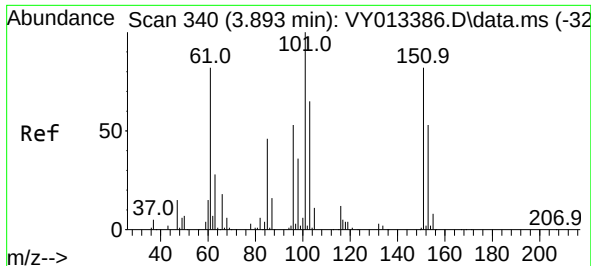
Tgt Ion:101 Resp: 571748
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.6 77.4



#8
 Diethyl Ether
 Concen: 93.466 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 178973
 Ion Ratio Lower Upper
 74 100
 45 94.2 48.2 144.6

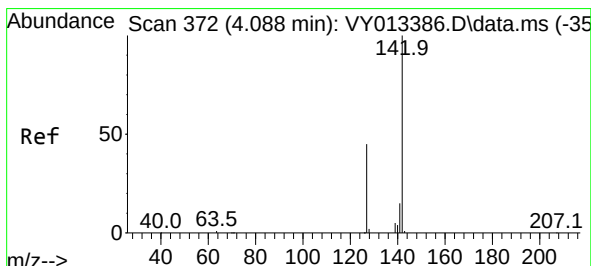
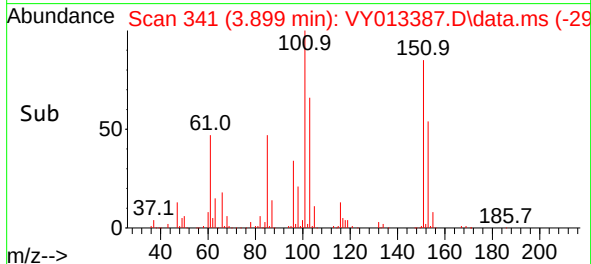
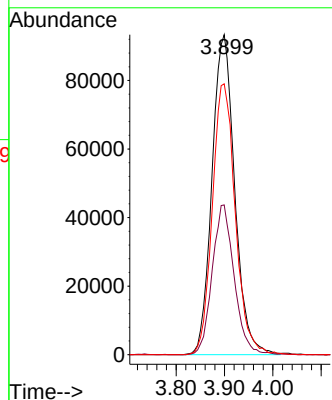
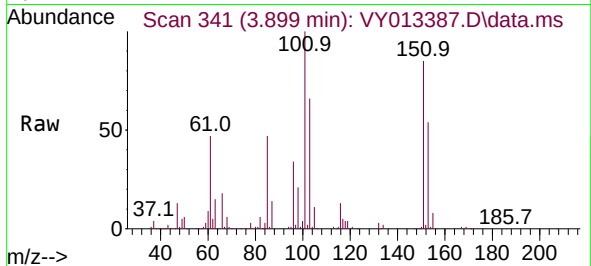




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.692 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

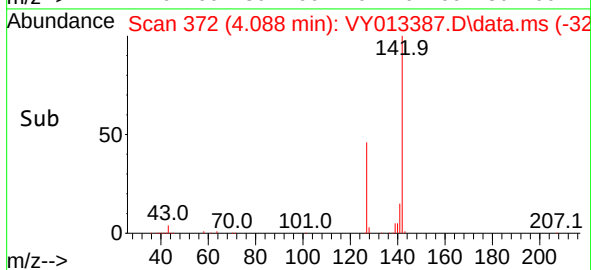
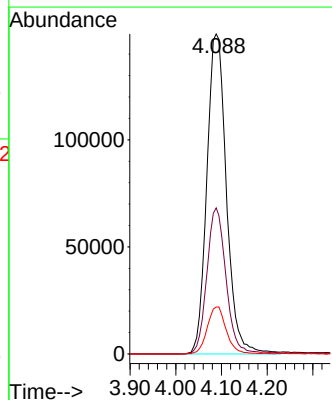
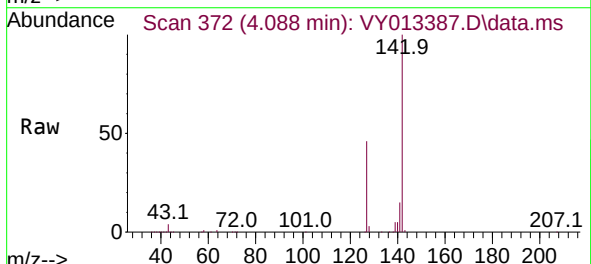
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

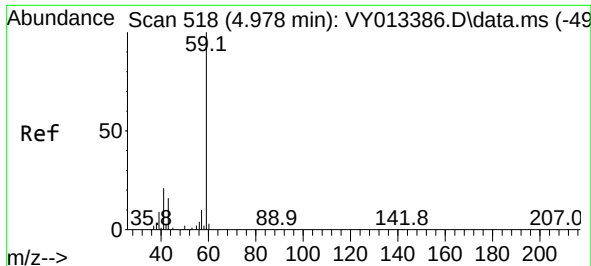
Tgt Ion:101 Resp: 304629
Ion Ratio Lower Upper
101 100
85 45.3 35.6 53.4
151 85.7 68.0 102.0



#10
Methyl Iodide
Concen: 107.049 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion:142 Resp: 445071
Ion Ratio Lower Upper
142 100
127 44.9 36.1 54.1
141 14.3 11.6 17.4

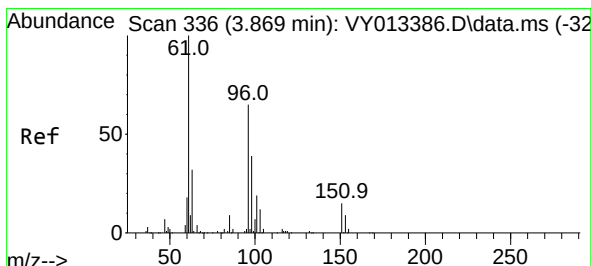
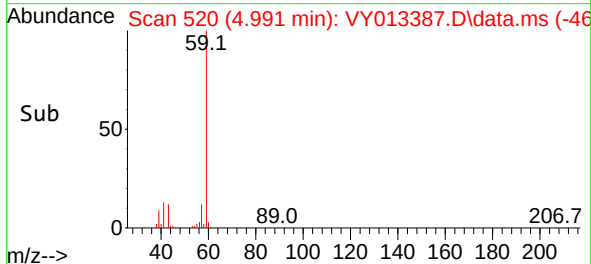
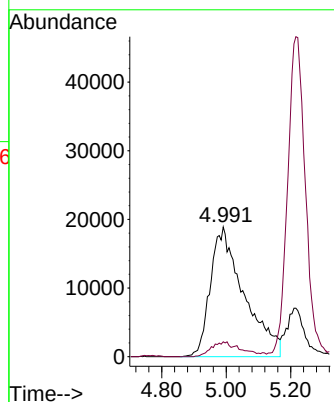
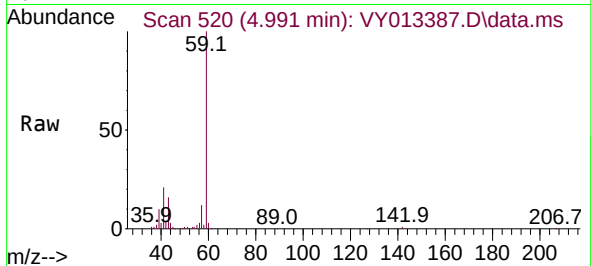




#11
Tert butyl alcohol
Concen: 374.029 ug/l
RT: 4.991 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

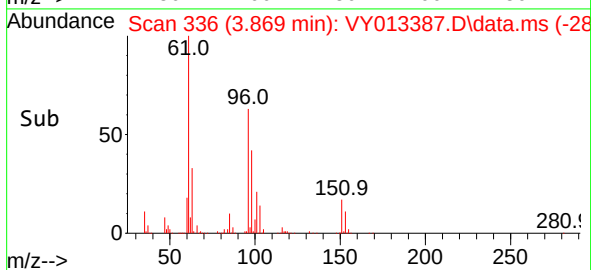
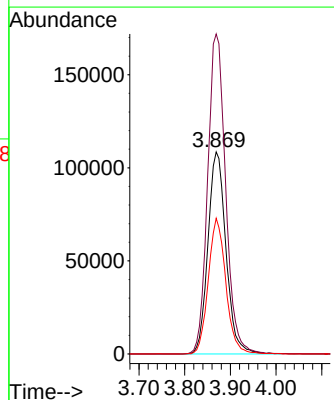
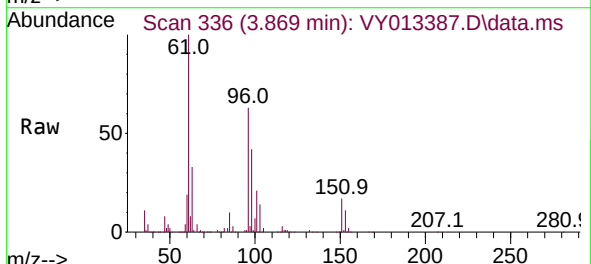
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

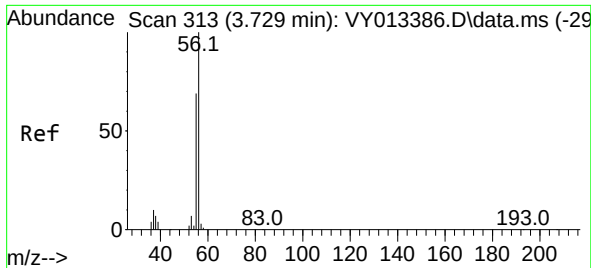
Tgt Ion: 59 Resp: 136693
Ion Ratio Lower Upper
59 100
57 6.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 97.502 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 96 Resp: 297820
Ion Ratio Lower Upper
96 100
61 158.3 123.9 185.9
98 67.2 48.9 73.3





#13

Acrolein

Concen: 336.294 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

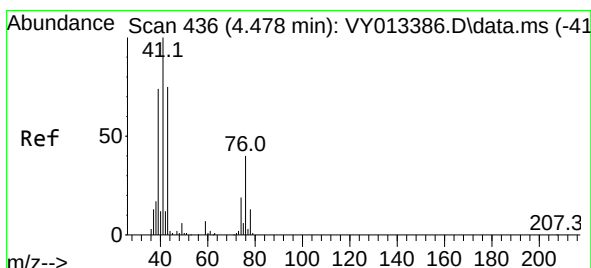
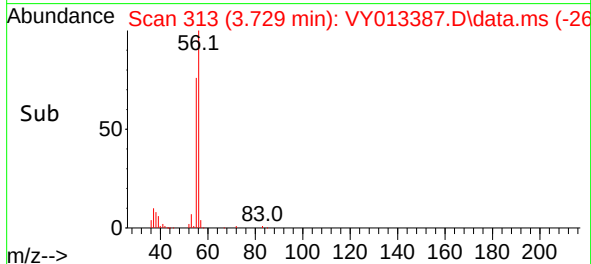
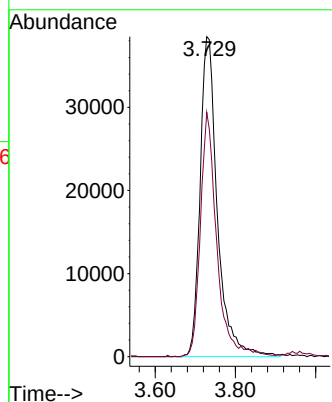
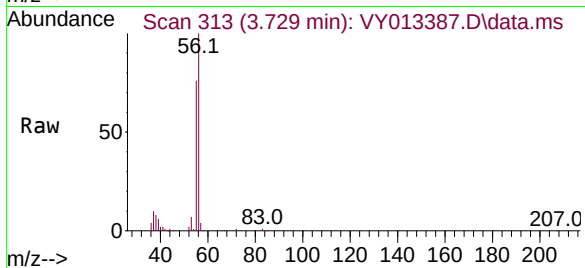
VSTDIC100

Tgt Ion: 56 Resp: 115309

Ion Ratio Lower Upper

56 100

55 71.4 54.1 81.1



#14

Allyl chloride

Concen: 93.055 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

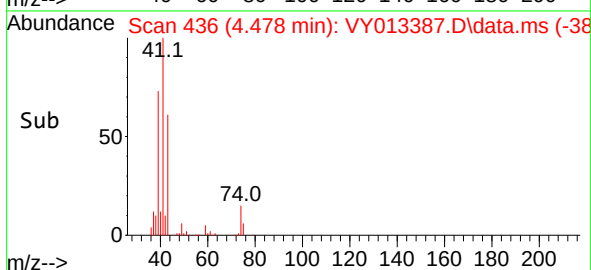
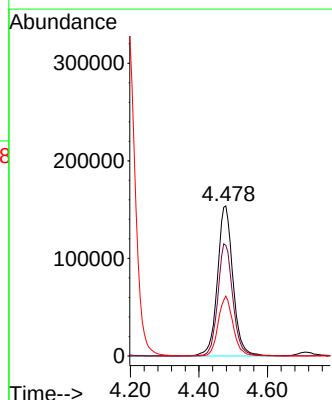
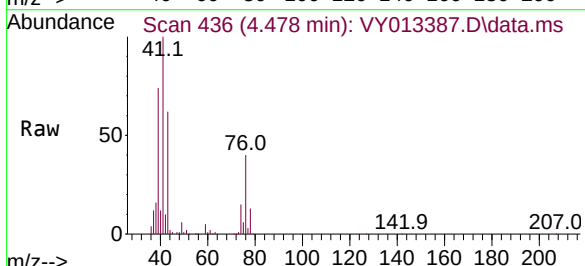
Tgt Ion: 41 Resp: 481572

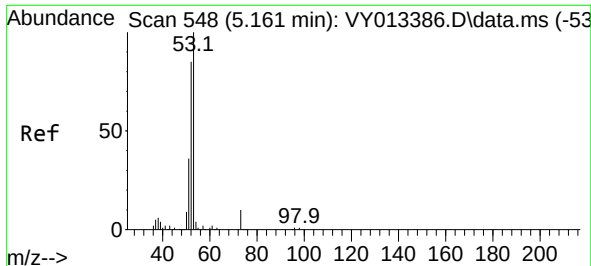
Ion Ratio Lower Upper

41 100

39 72.4 56.6 85.0

76 37.9 30.5 45.7

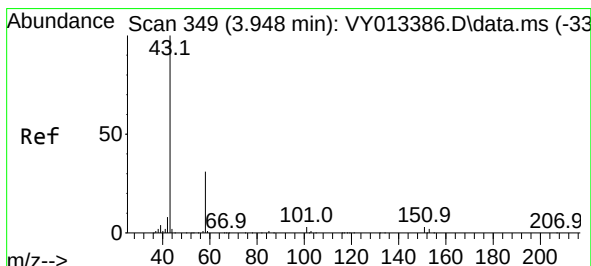
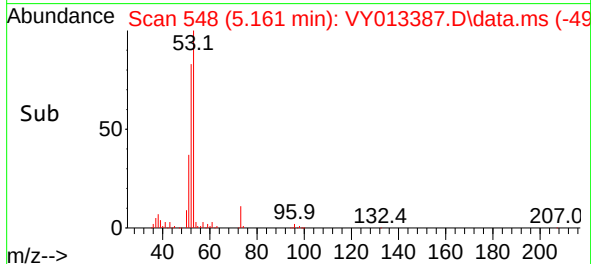
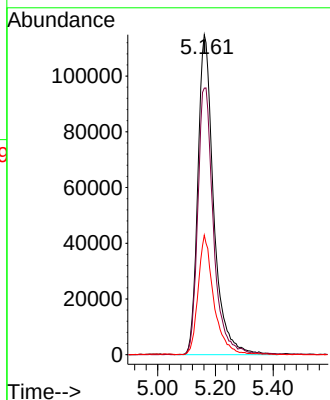
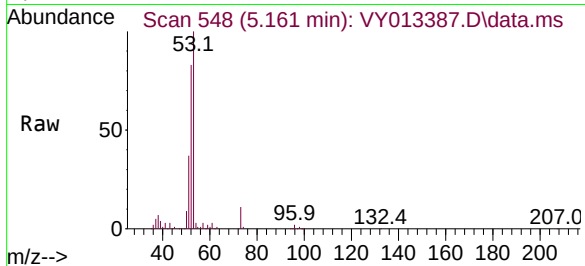




#15
Acrylonitrile
Concen: 409.919 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

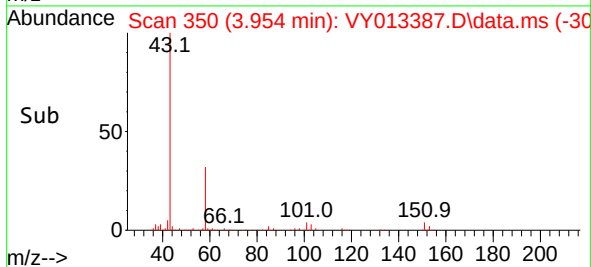
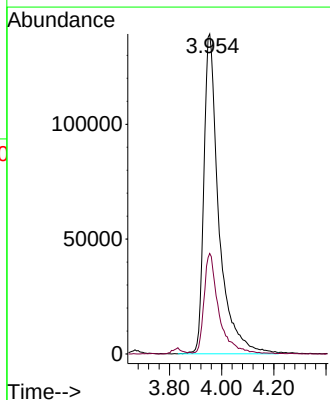
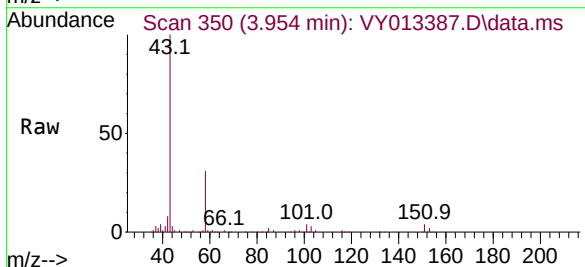
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

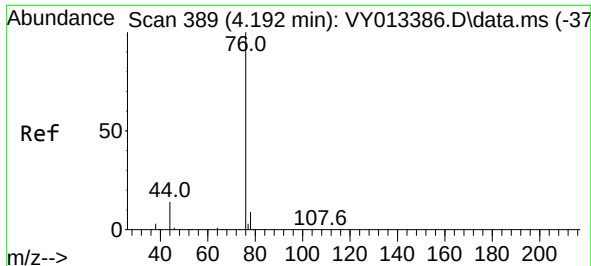
Tgt Ion: 53 Resp: 436279
Ion Ratio Lower Upper
53 100
52 82.9 65.4 98.0
51 37.2 29.3 43.9



#16
Acetone
Concen: 421.147 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 43 Resp: 554167
Ion Ratio Lower Upper
43 100
58 31.3 25.4 38.0

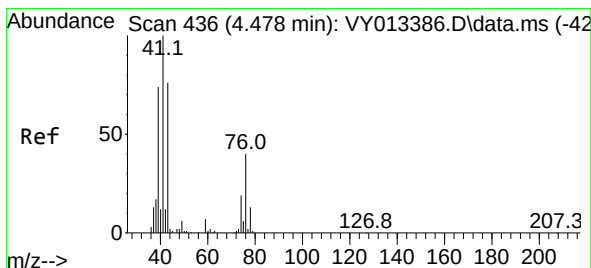
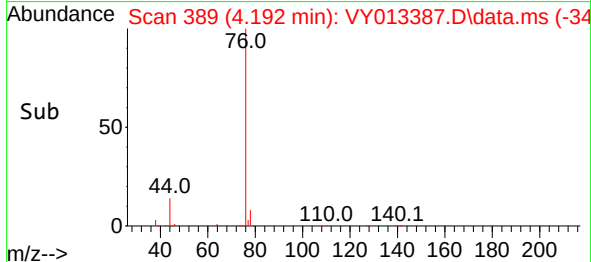
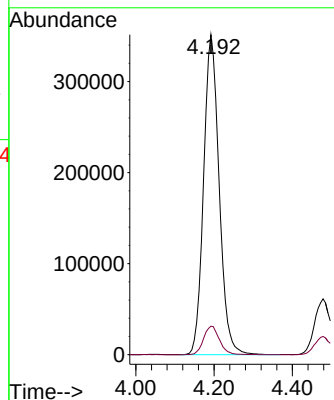
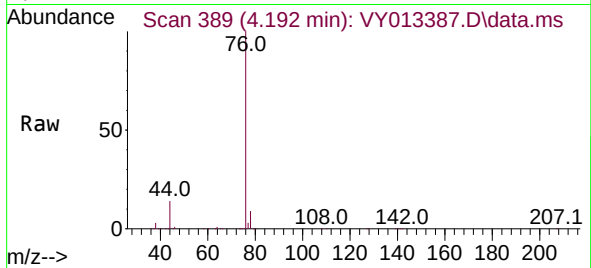




#17
Carbon Disulfide
Concen: 97.631 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

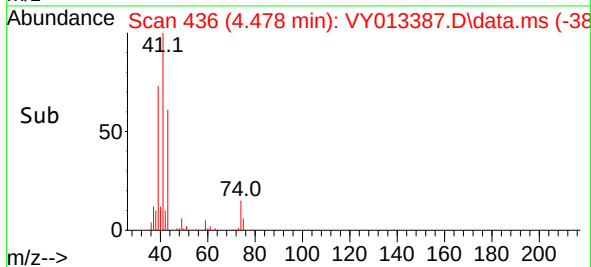
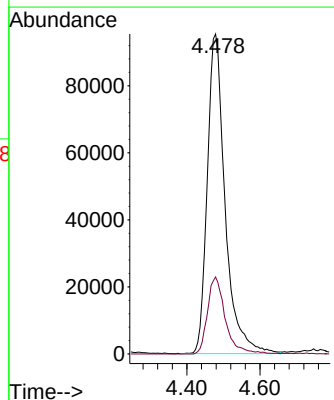
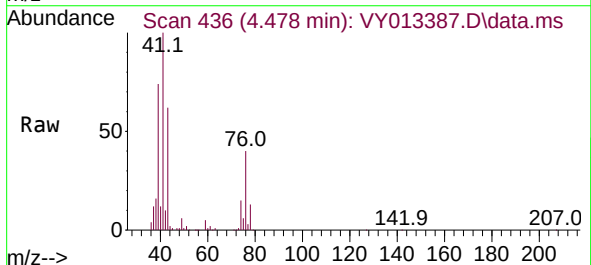
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

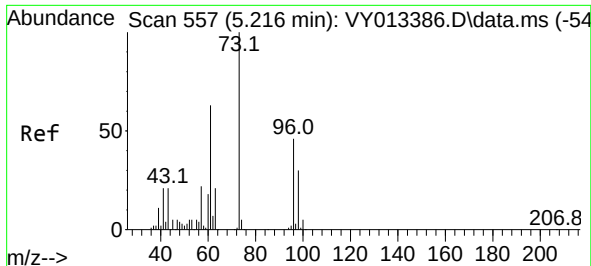
Tgt Ion: 76 Resp: 967555
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 80.070 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 43 Resp: 322098
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

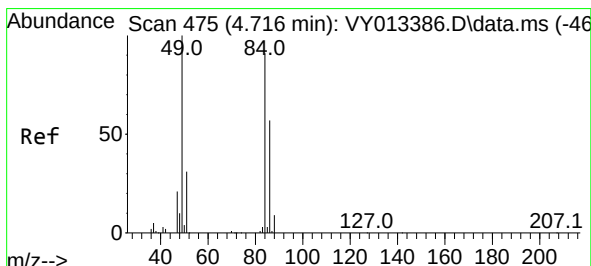
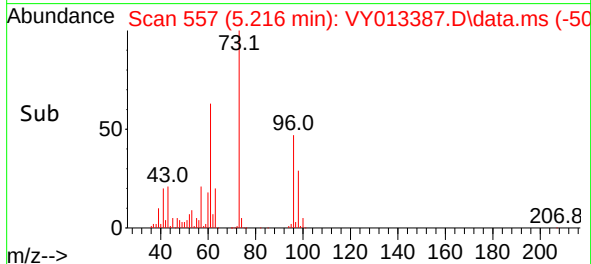
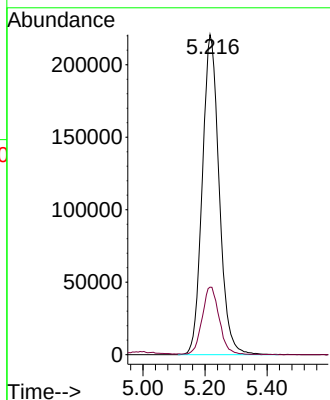
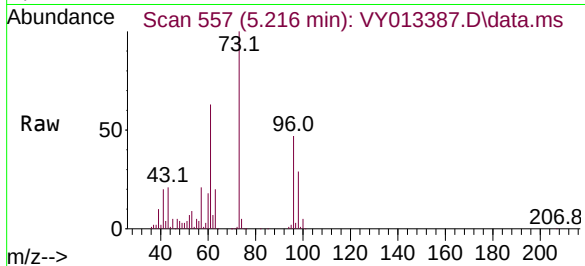




#19
Methyl tert-butyl Ether
Concen: 96.585 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

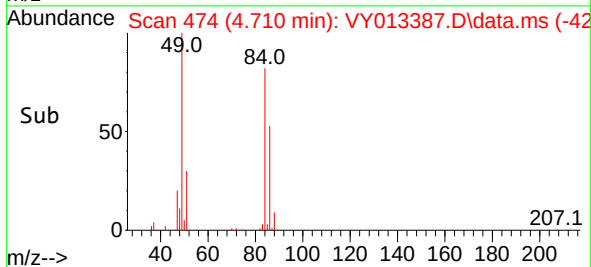
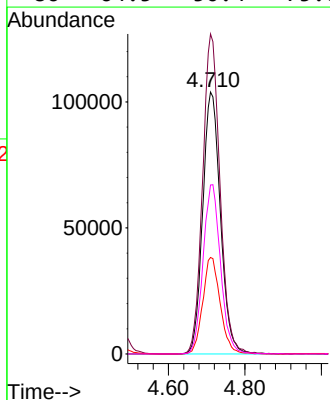
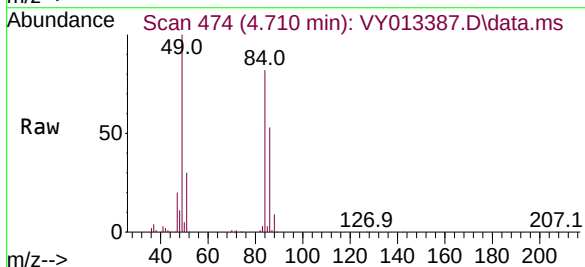
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

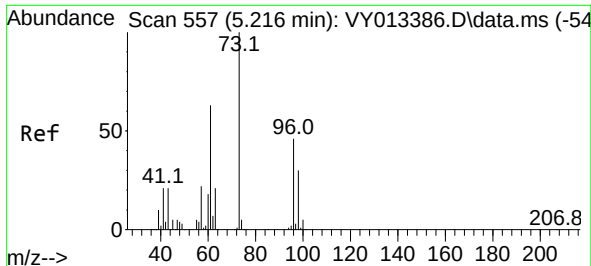
Tgt Ion: 73 Resp: 832339
Ion Ratio Lower Upper
73 100
57 21.1 17.8 26.8



#20
Methylene Chloride
Concen: 99.425 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 84 Resp: 334123
Ion Ratio Lower Upper
84 100
49 122.2 88.0 132.0
51 36.8 27.4 41.0
86 64.5 50.4 75.6

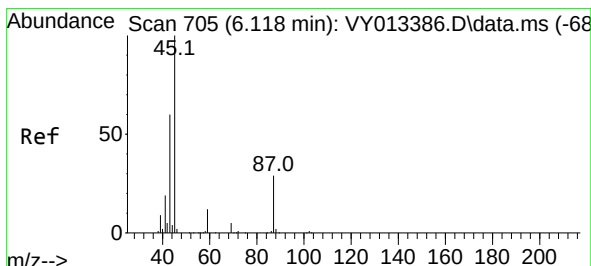
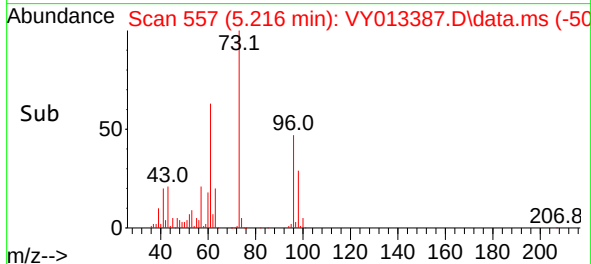
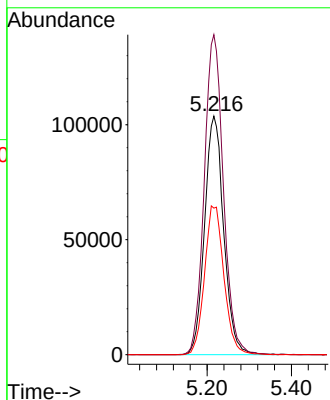
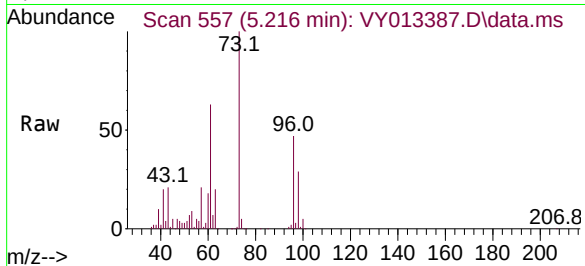




#21
trans-1,2-Dichloroethene
Concen: 95.896 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

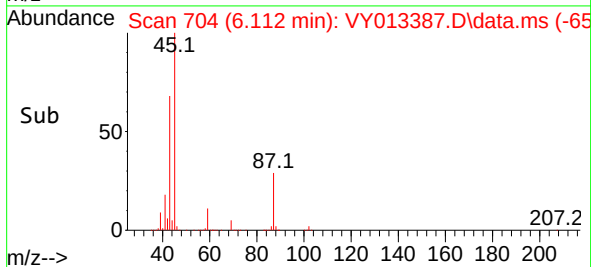
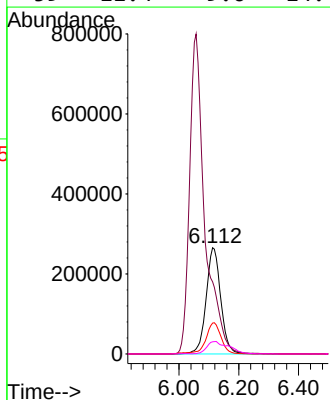
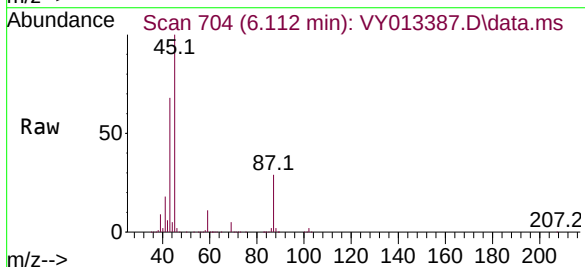
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

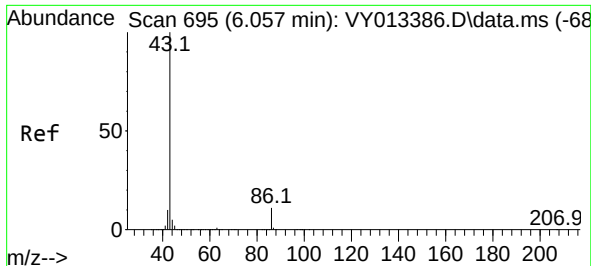
Tgt Ion: 96 Resp: 327095
Ion Ratio Lower Upper
96 100
61 134.1 110.6 165.8
98 61.4 53.1 79.7



#22
Diisopropyl ether
Concen: 92.598 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 45 Resp: 900145
Ion Ratio Lower Upper
45 100
43 67.8 48.4 72.6
87 29.1 23.8 35.6
59 11.4 9.6 14.4

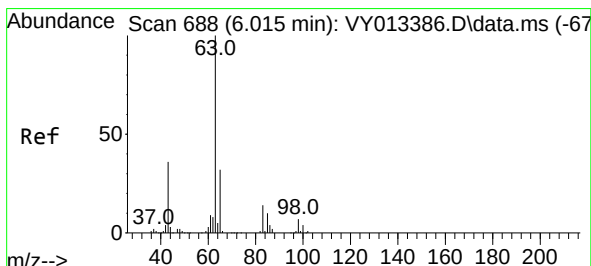
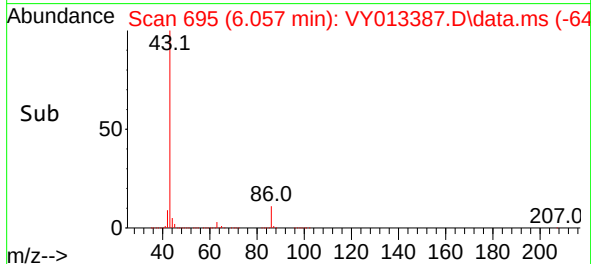
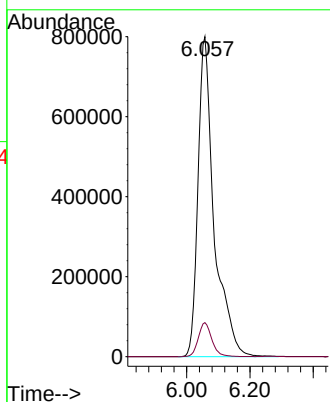
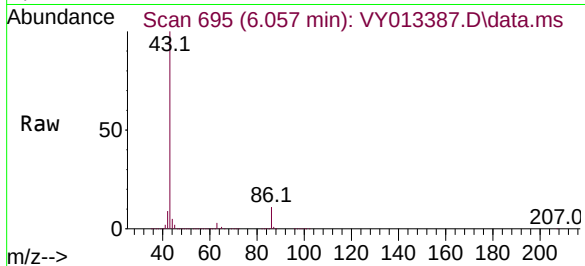




#23
 Vinyl Acetate
 Concen: 456.823 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013387.D
 Acq: 21 Apr 2023 17:57

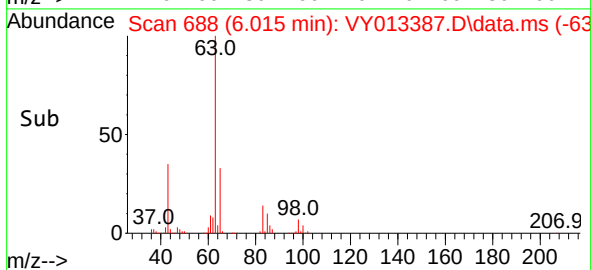
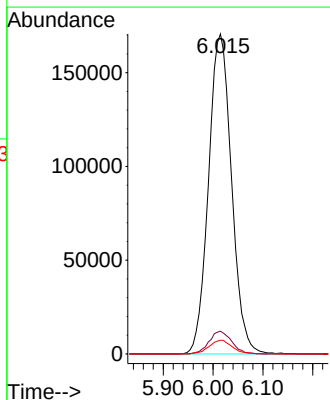
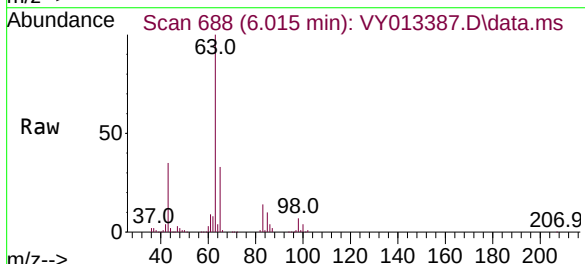
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

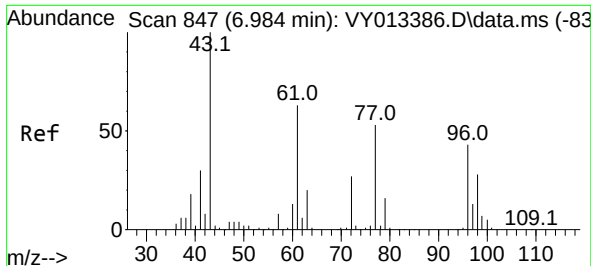
Tgt Ion: 43 Resp: 2836245
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 92.748 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013387.D
 Acq: 21 Apr 2023 17:57

Tgt Ion: 63 Resp: 546996
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.3 2.2 6.6

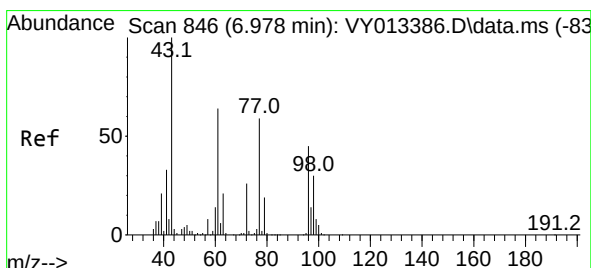
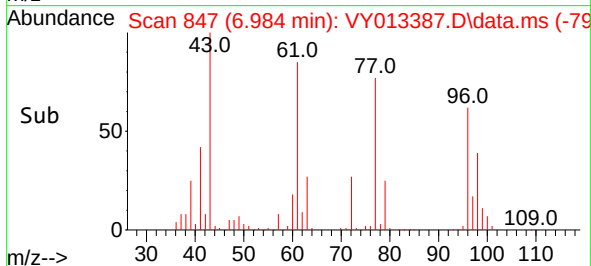
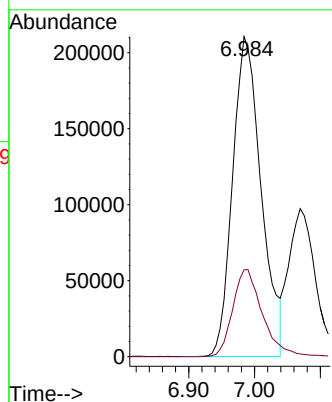
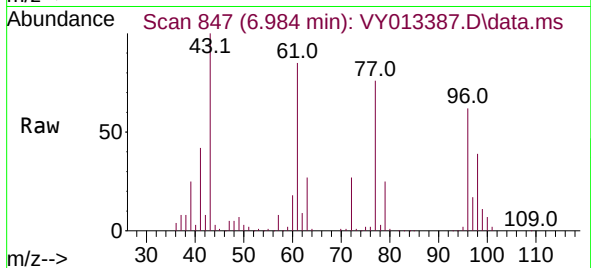




#25
2-Butanone
Concen: 418.616 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

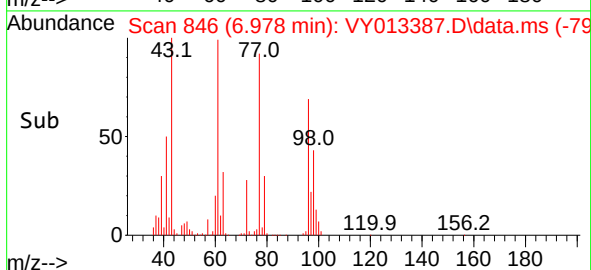
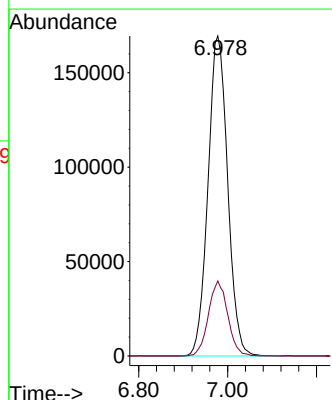
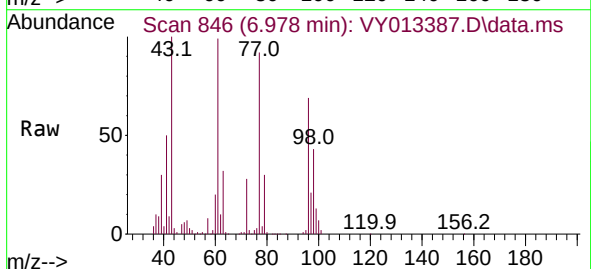
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

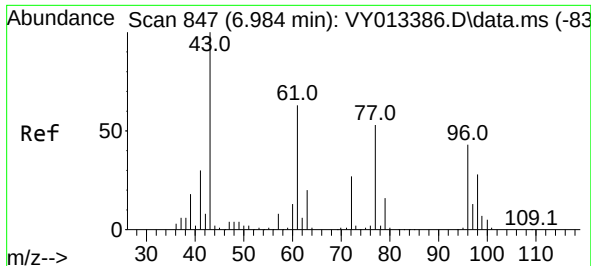
Tgt Ion: 43 Resp: 635846
Ion Ratio Lower Upper
43 100
72 27.2 21.9 32.9



#26
2,2-Dichloropropane
Concen: 103.071 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 77 Resp: 520669
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.4

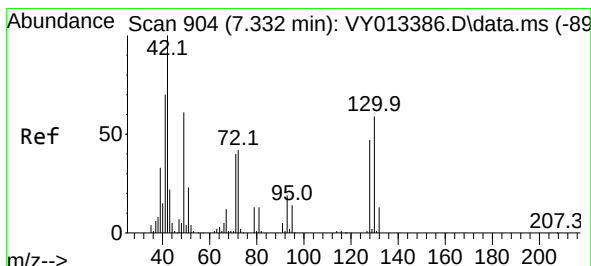
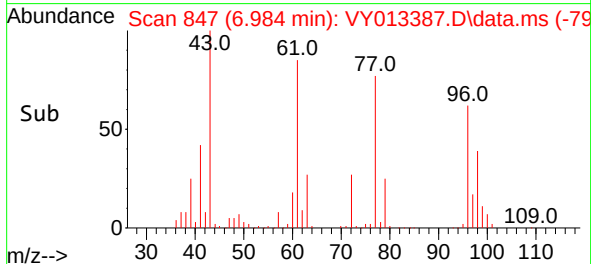
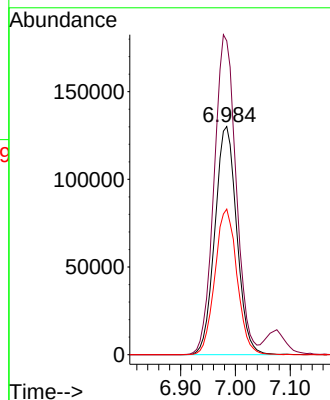
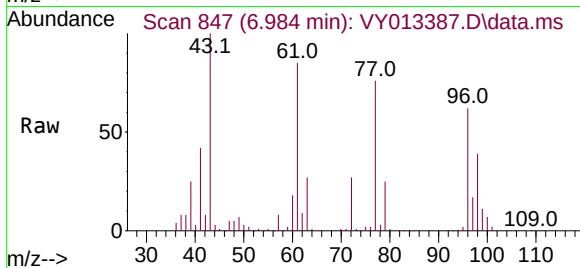




#27
 cis-1,2-Dichloroethene
 Concen: 100.236 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY013387.D
 Acq: 21 Apr 2023 17:57

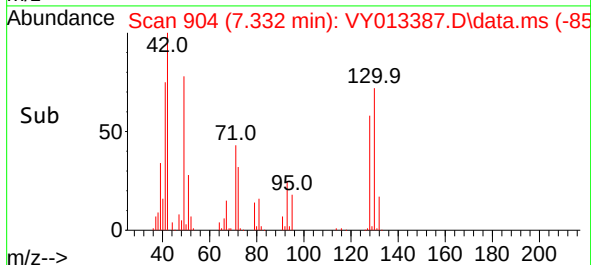
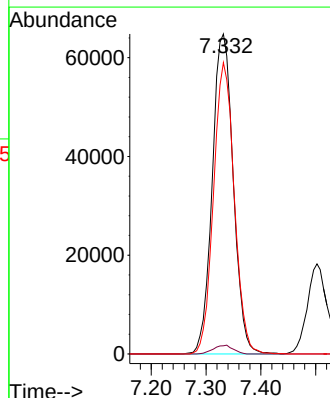
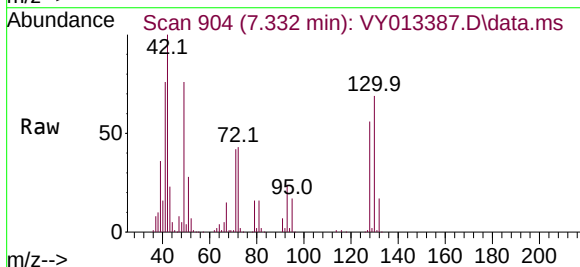
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

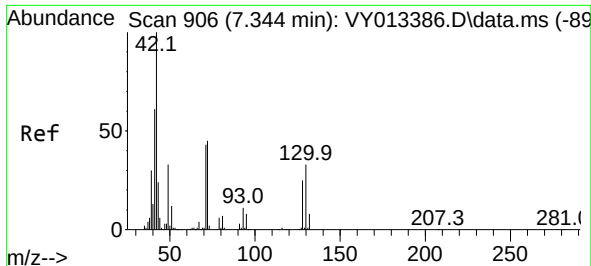
Tgt Ion: 96 Resp: 361599
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 285.0
 98 64.3 0.0 130.6



#28
 Bromochloromethane
 Concen: 87.694 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013387.D
 Acq: 21 Apr 2023 17:57

Tgt Ion: 49 Resp: 172412
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 89.8 72.1 108.1





#29

Tetrahydrofuran

Concen: 415.785 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

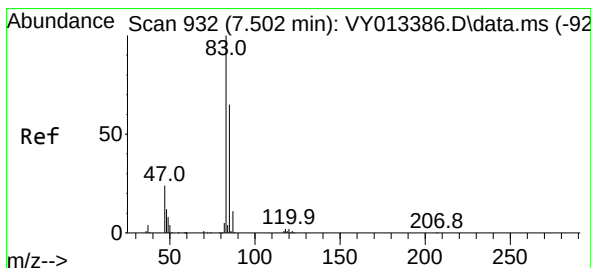
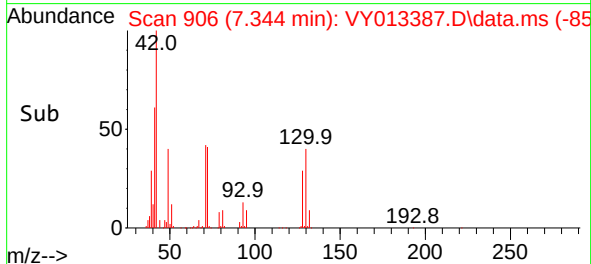
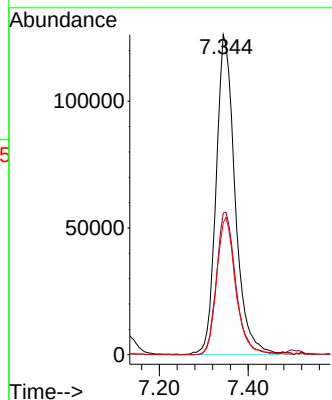
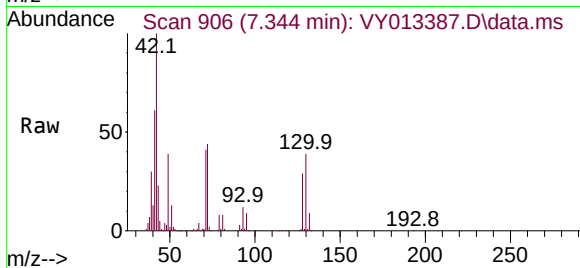
Tgt Ion: 42 Resp: 373966

Ion Ratio Lower Upper

42 100

72 45.4 35.9 53.9

71 42.9 34.3 51.5



#30

Chloroform

Concen: 93.948 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013387.D

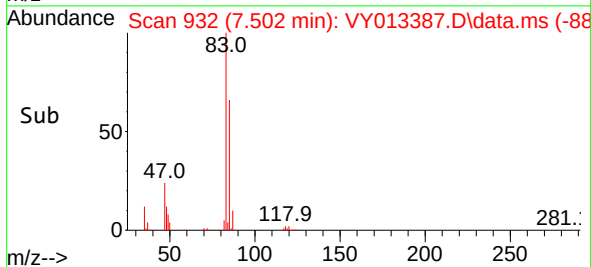
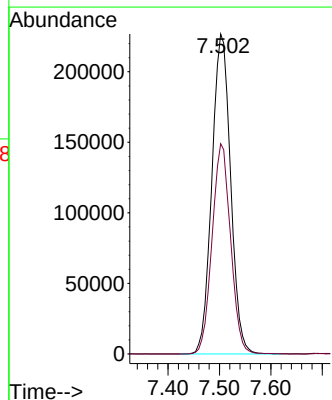
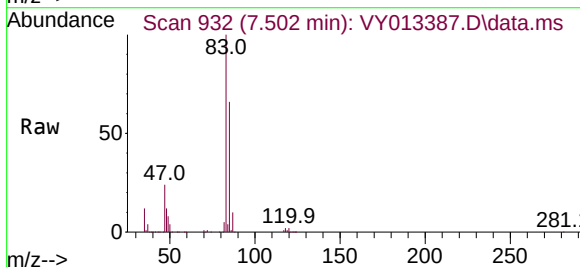
Acq: 21 Apr 2023 17:57

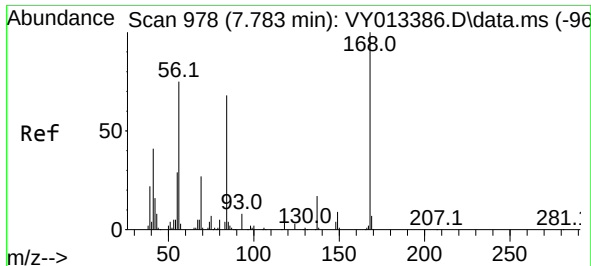
Tgt Ion: 83 Resp: 572821

Ion Ratio Lower Upper

83 100

85 65.7 52.0 78.0

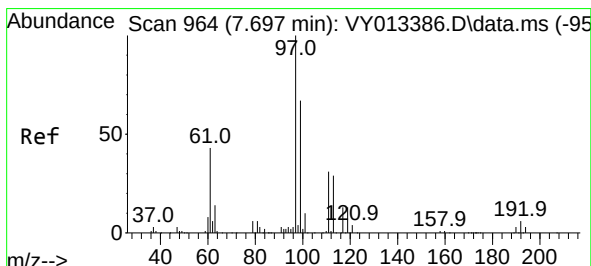
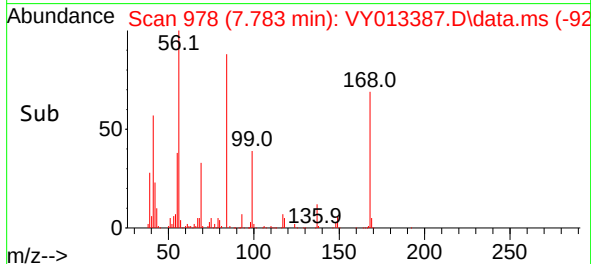
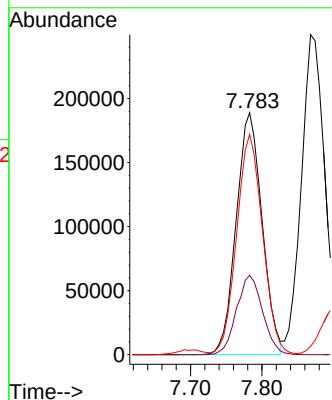
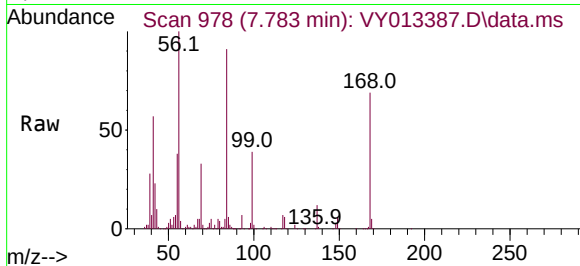




#31
Cyclohexane
Concen: 93.028 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

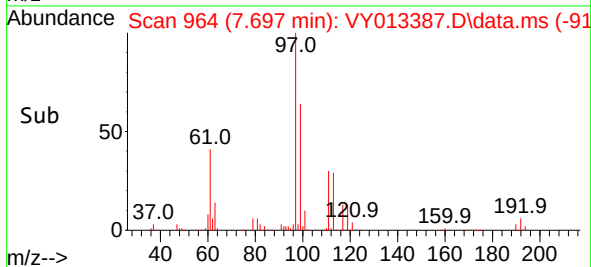
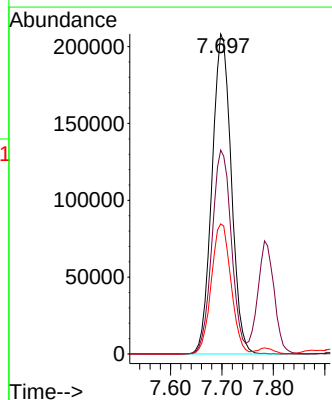
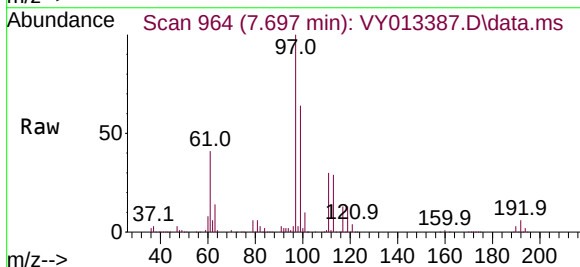
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

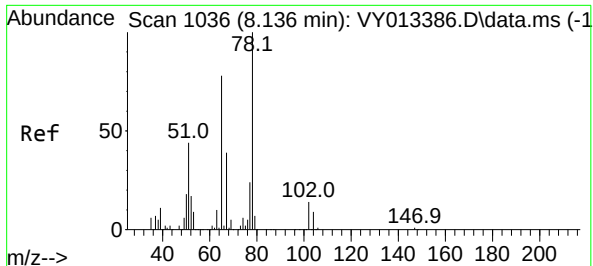
Tgt Ion: 56 Resp: 474780
Ion Ratio Lower Upper
56 100
69 32.8 29.2 43.8
84 89.7 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 100.228 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 97 Resp: 541447
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 41.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 85.909 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

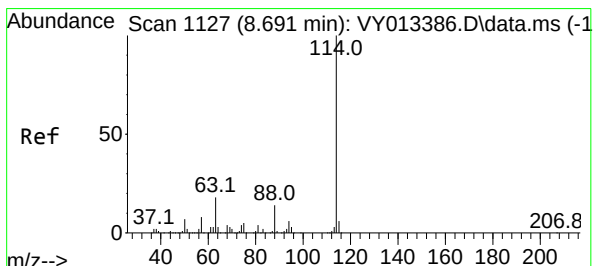
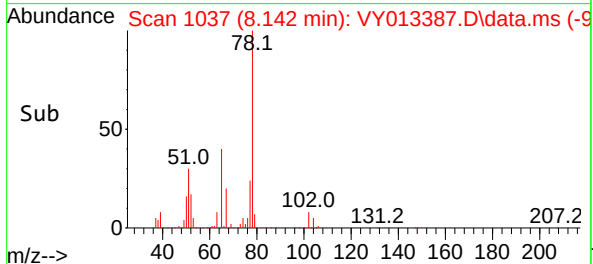
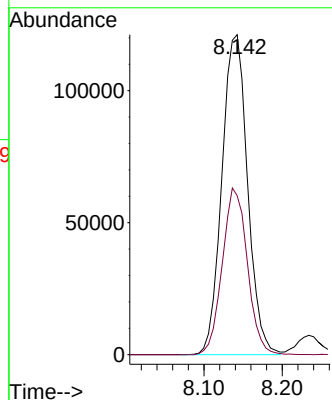
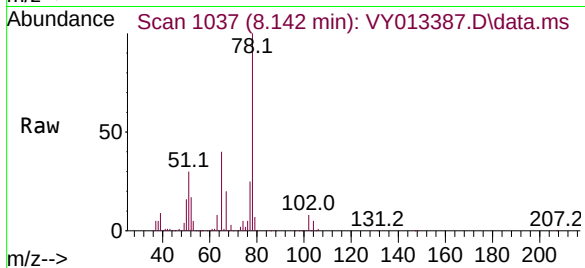
VSTDIC100

Tgt Ion: 65 Resp: 276502

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

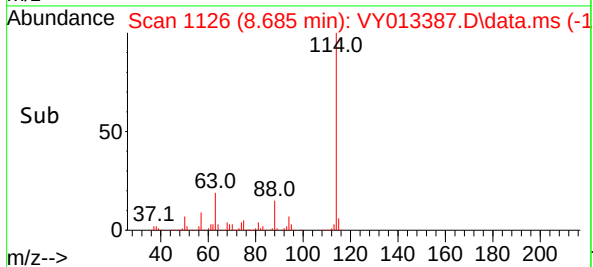
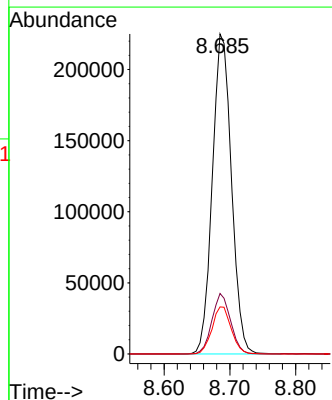
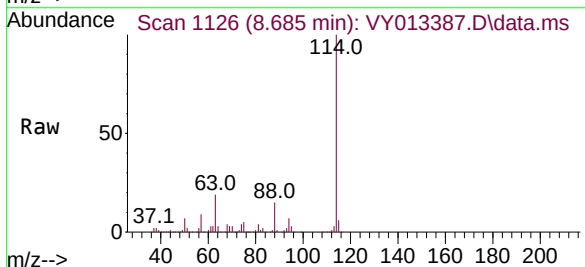
Tgt Ion: 114 Resp: 454697

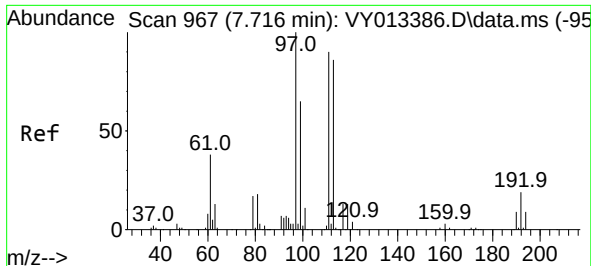
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.6

88 14.7 0.0 28.8

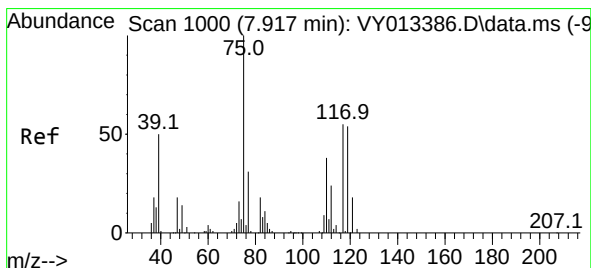
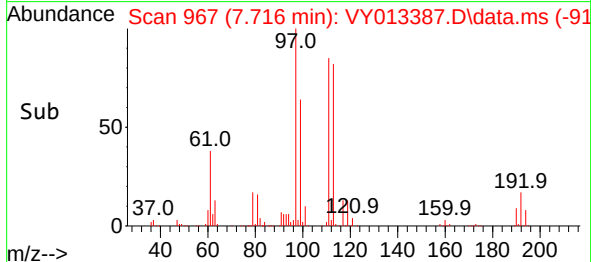
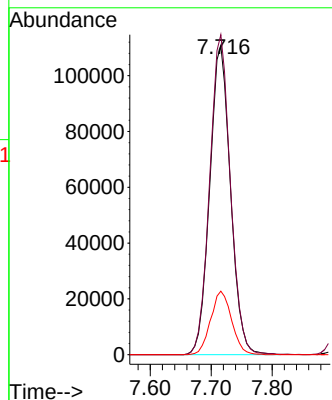
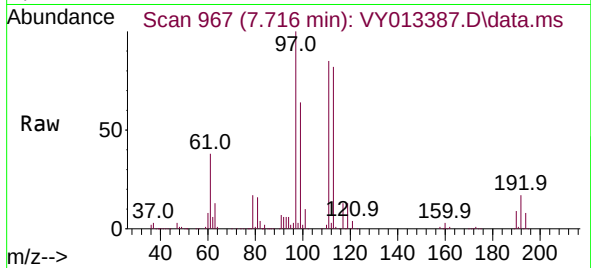




#35
Dibromofluoromethane
Concen: 92.118 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

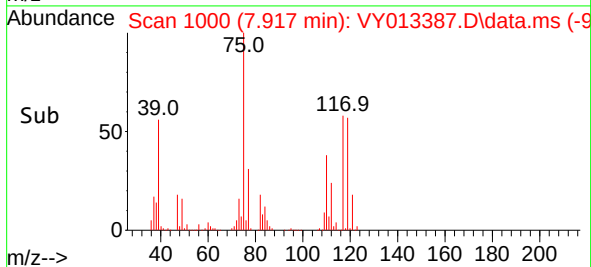
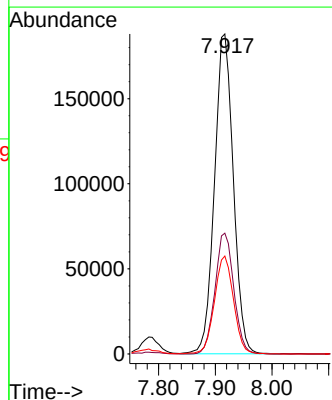
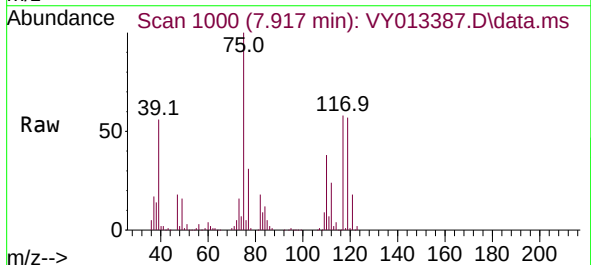
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

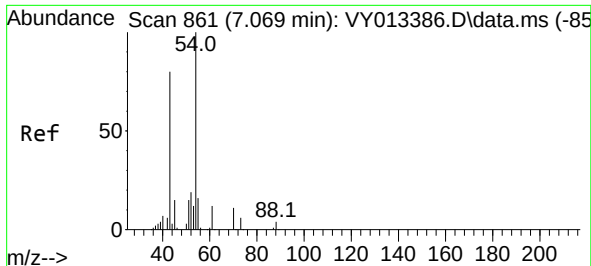
Tgt Ion:113 Resp: 262158
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 100.401 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 75 Resp: 433997
Ion Ratio Lower Upper
75 100
110 37.7 18.7 56.1
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 87.441 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

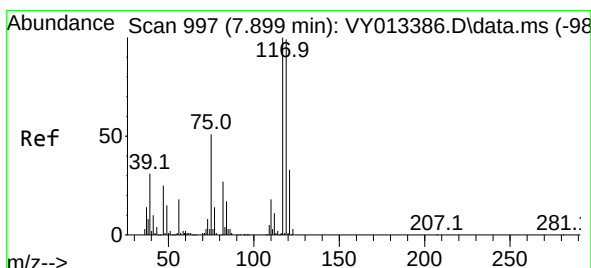
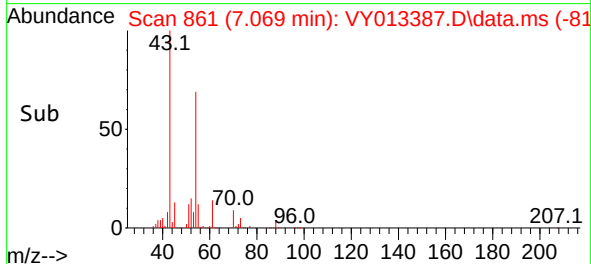
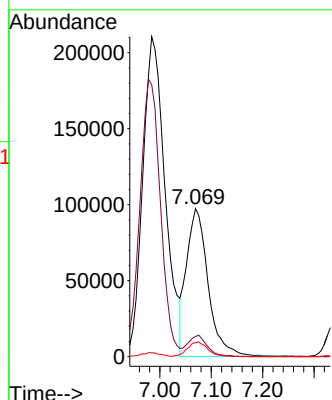
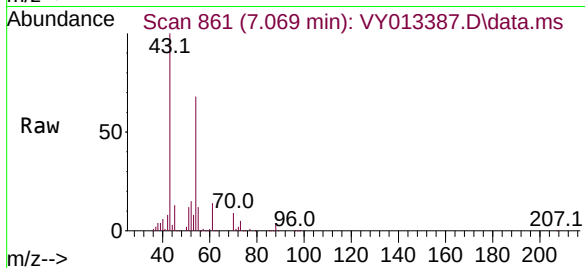
Tgt Ion: 43 Resp: 283090

Ion Ratio Lower Upper

43 100

61 13.4 11.4 17.0

70 9.5 7.9 11.9



#38

Carbon Tetrachloride

Concen: 102.914 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

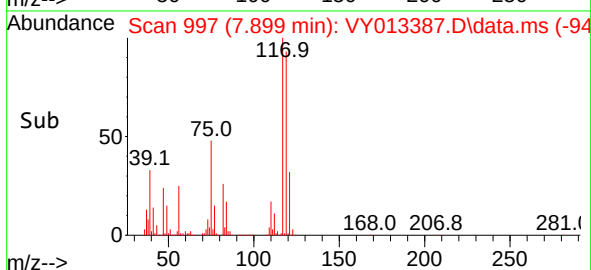
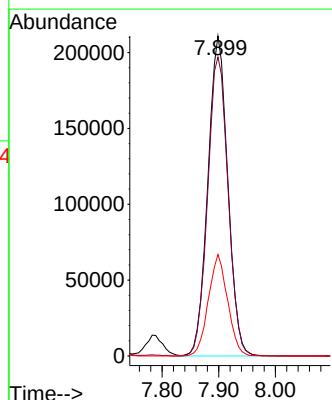
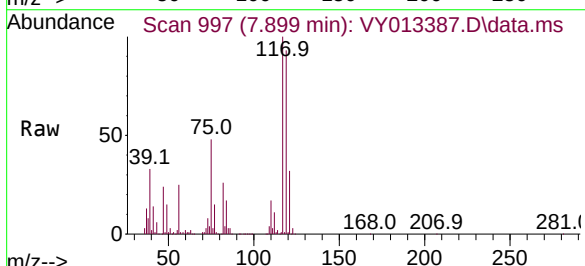
Tgt Ion: 117 Resp: 514950

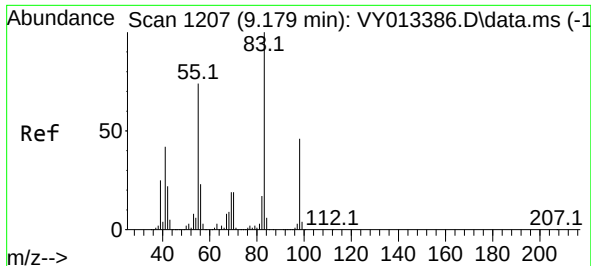
Ion Ratio Lower Upper

117 100

119 93.4 79.0 118.6

121 31.7 26.6 40.0





#39

Methylcyclohexane

Concen: 109.024 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

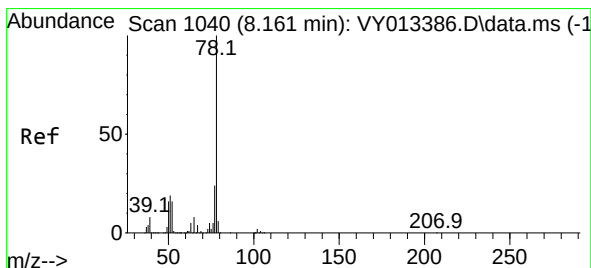
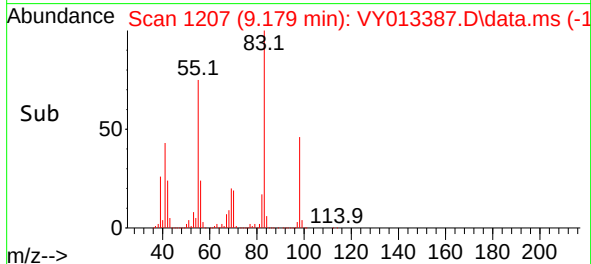
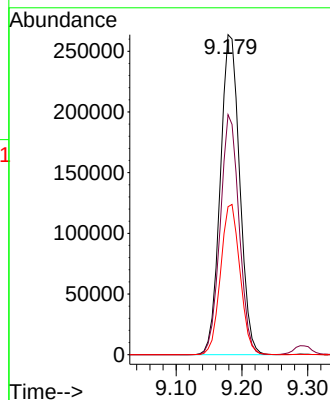
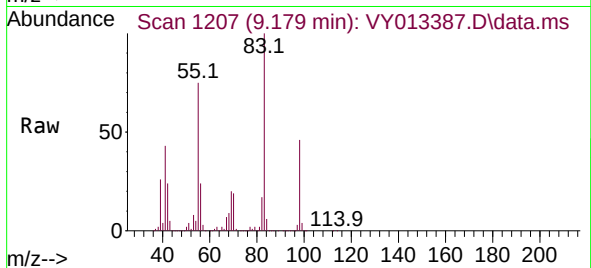
Tgt Ion: 83 Resp: 541229

Ion Ratio Lower Upper

83 100

55 75.0 59.0 88.4

98 46.3 37.0 55.4



#40

Benzene

Concen: 97.049 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013387.D

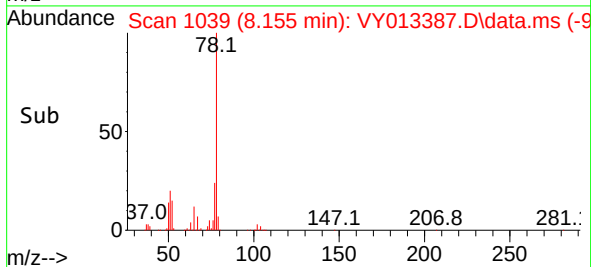
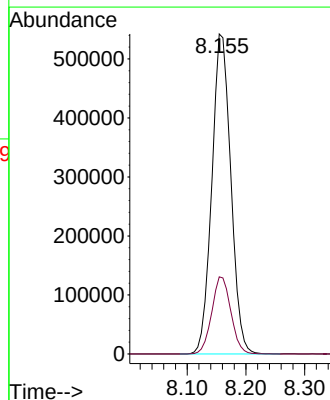
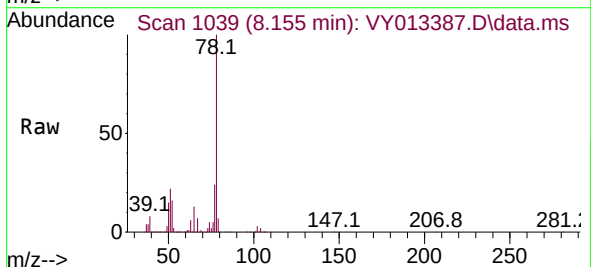
Acq: 21 Apr 2023 17:57

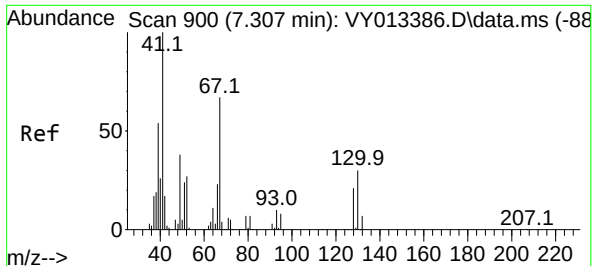
Tgt Ion: 78 Resp: 1215956

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8

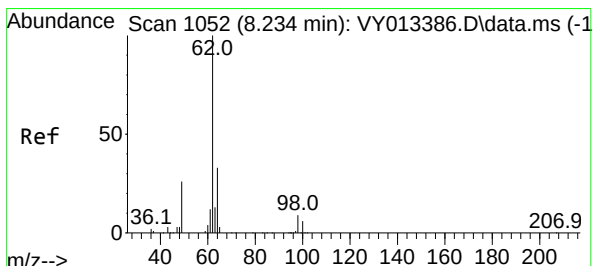
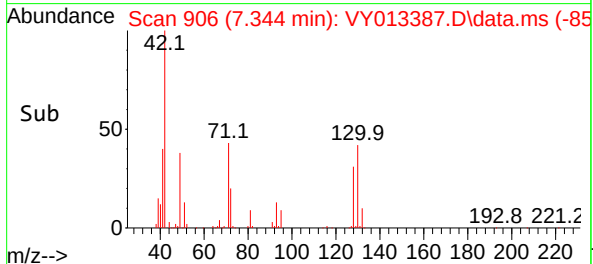
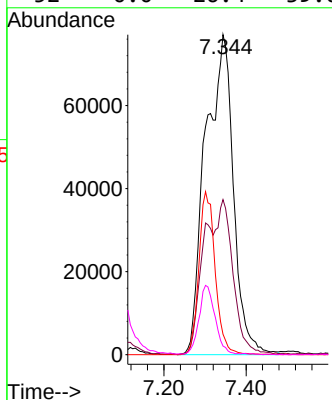
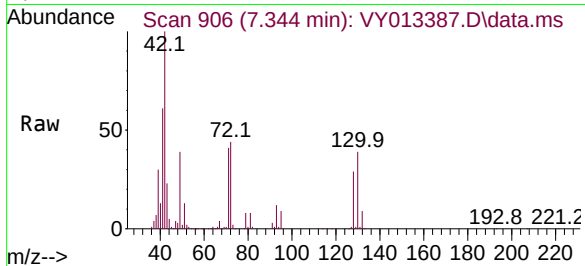




#41
Methacrylonitrile
Concen: 230.749 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

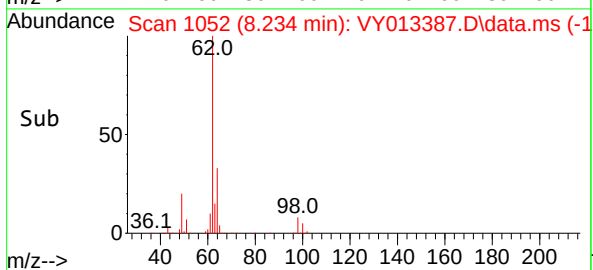
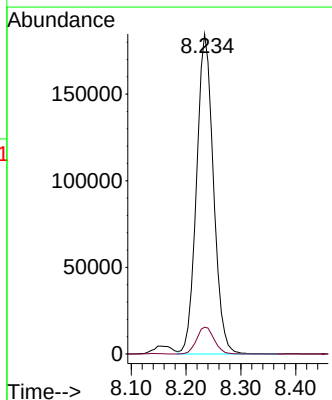
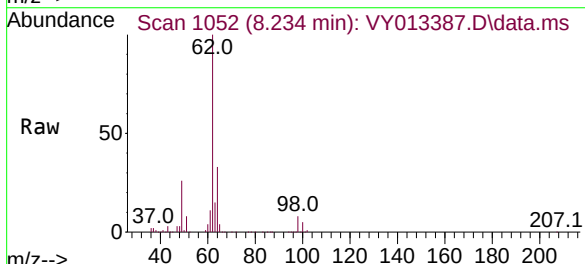
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

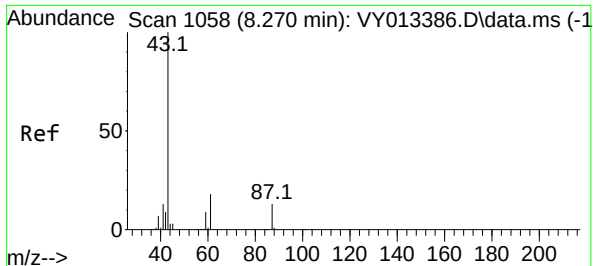
Tgt Ion: 41 Resp: 361921
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 96.003 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 62 Resp: 395889
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8

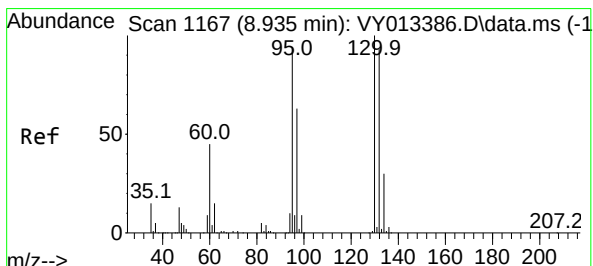
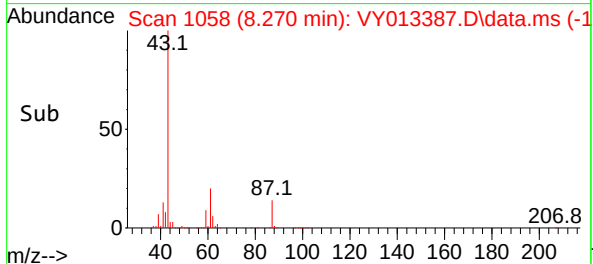
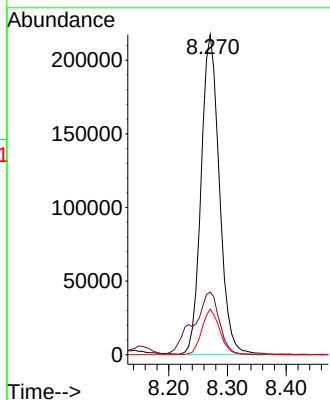
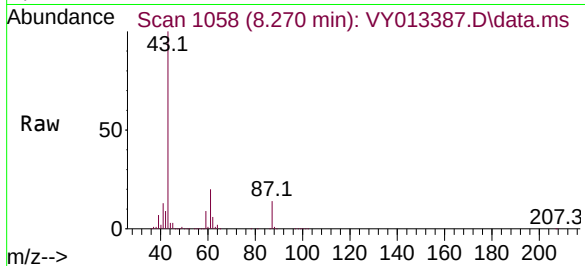




#43
Isopropyl Acetate
Concen: 90.603 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

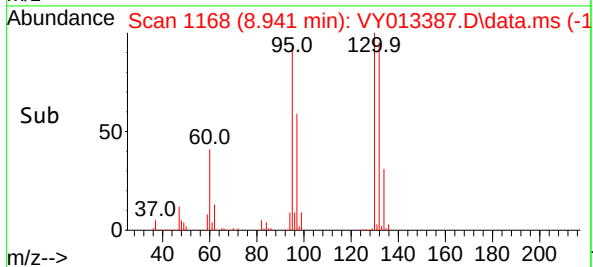
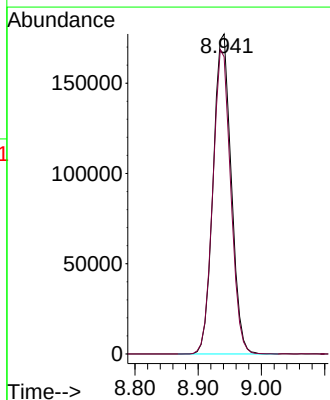
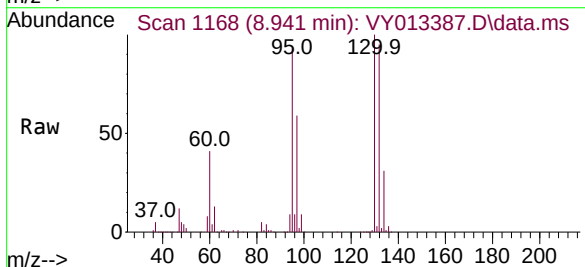
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

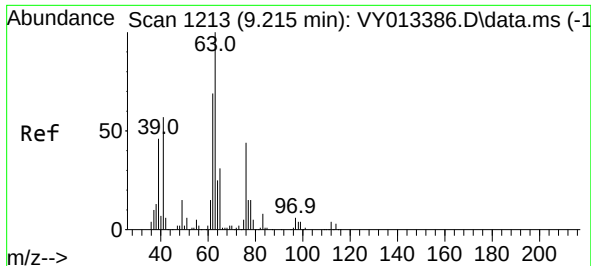
Tgt Ion: 43 Resp: 467028
Ion Ratio Lower Upper
43 100
61 28.0 22.2 33.4
87 14.1 11.0 16.6



#44
Trichloroethene
Concen: 99.599 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion:130 Resp: 349506
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.8





#45

1,2-Dichloropropane

Concen: 96.041 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

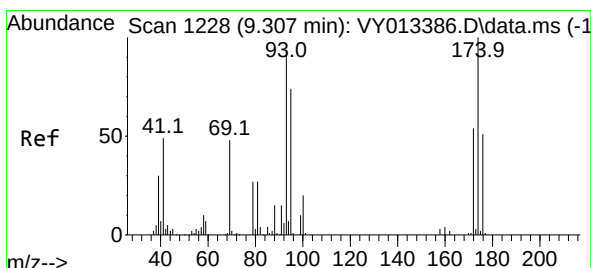
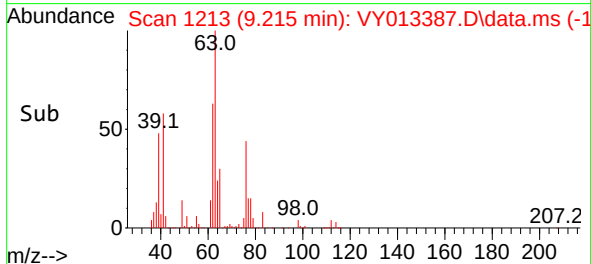
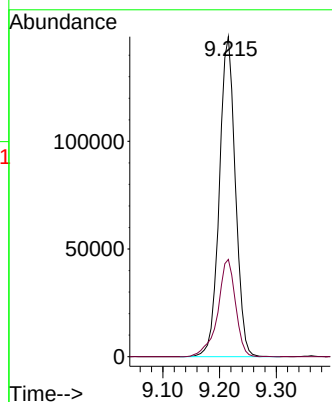
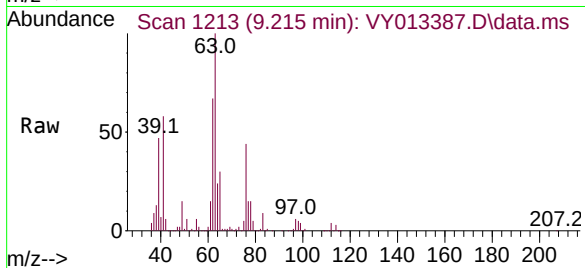
VSTDIC100

Tgt Ion: 63 Resp: 291734

Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0



#46

Dibromomethane

Concen: 90.876 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

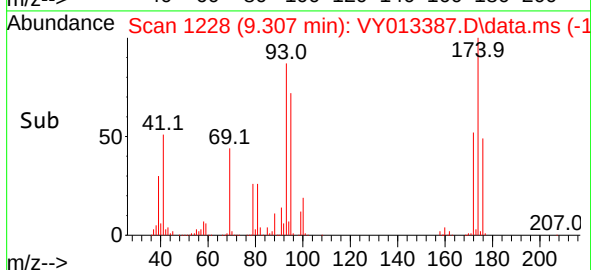
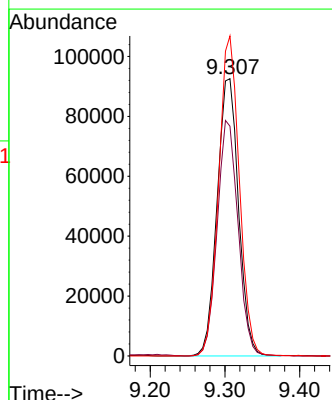
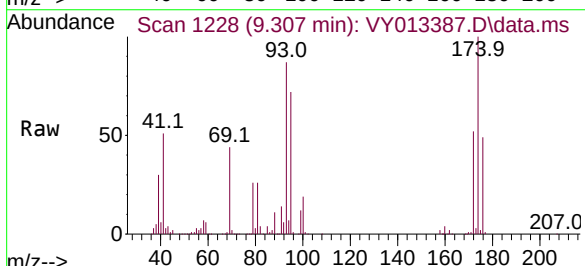
Tgt Ion: 93 Resp: 184782

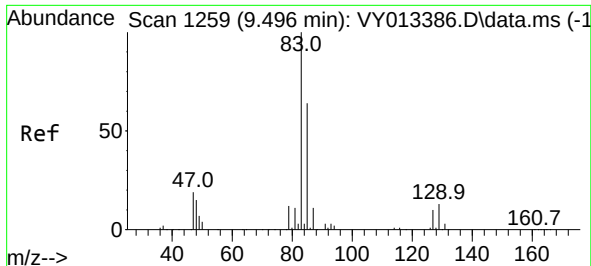
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

174 111.3 87.0 130.4

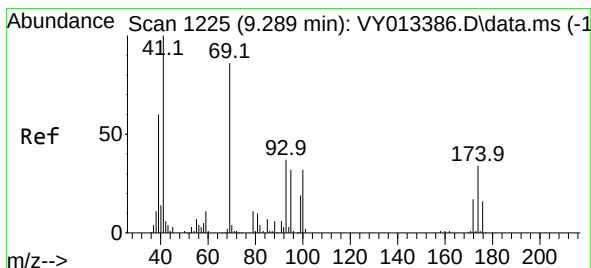
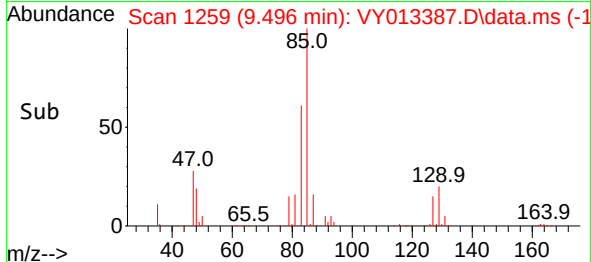
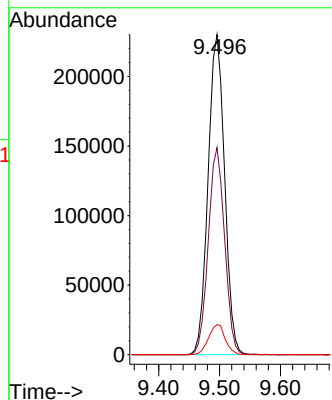
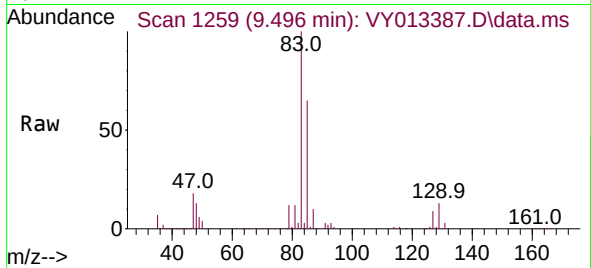




#47
Bromodichloromethane
Concen: 95.242 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

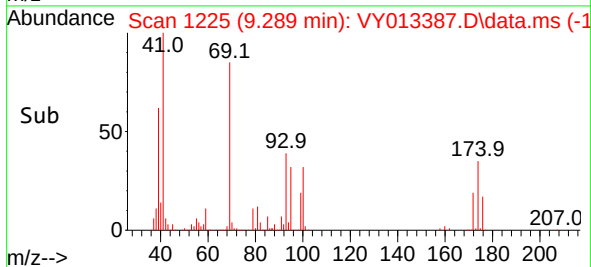
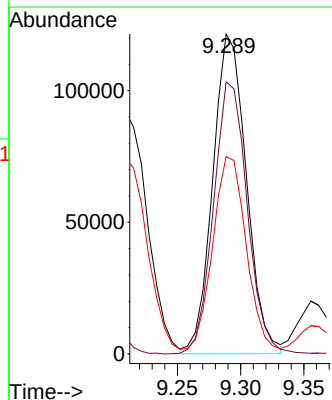
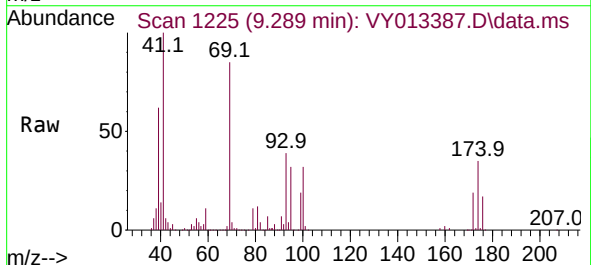
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

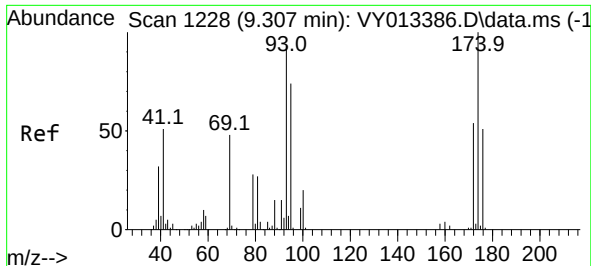
Tgt Ion: 83 Resp: 433739
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2
127 9.4 8.1 12.1



#48
Methyl methacrylate
Concen: 92.642 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 41 Resp: 224077
Ion Ratio Lower Upper
41 100
69 85.9 70.2 105.4
39 59.6 47.9 71.9





#49

1,4-Dioxane

Concen: 1699.658 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

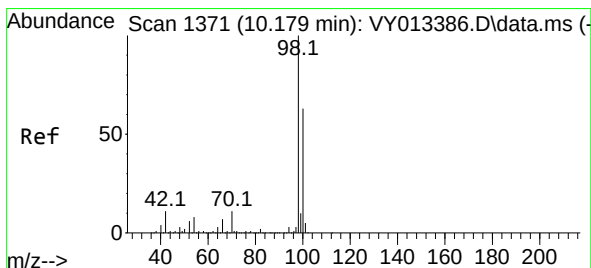
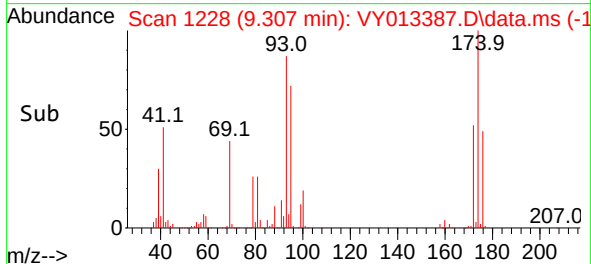
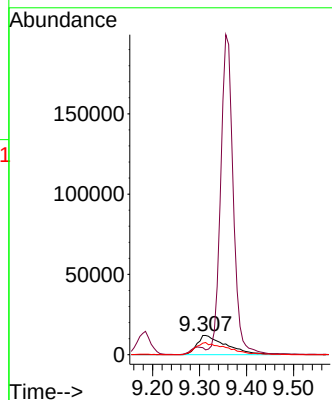
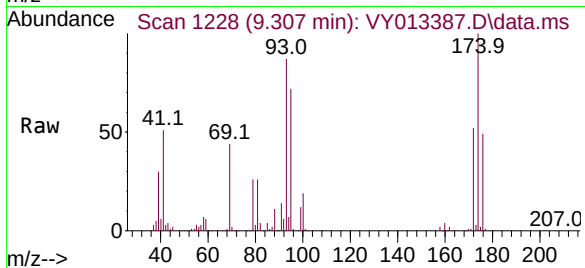
Tgt Ion: 88 Resp: 52242

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 68.1 54.3 81.5



#50

Toluene-d8

Concen: 89.861 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013387.D

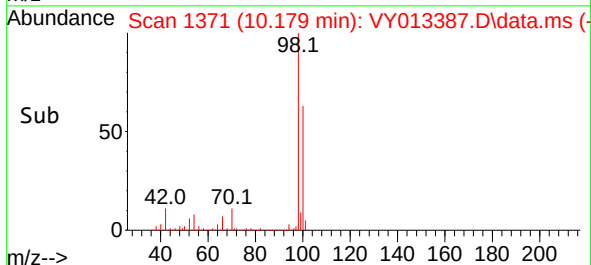
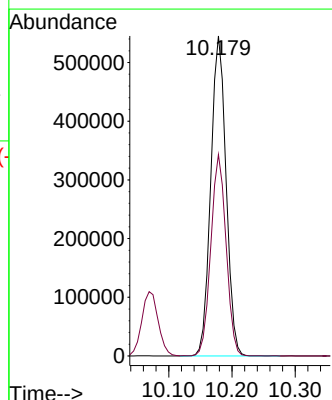
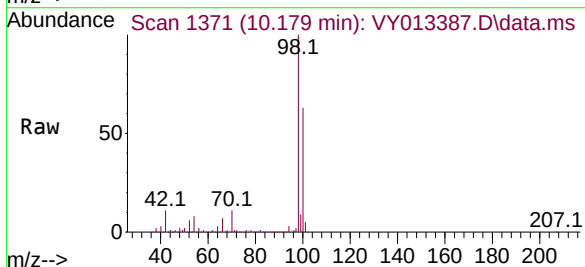
Acq: 21 Apr 2023 17:57

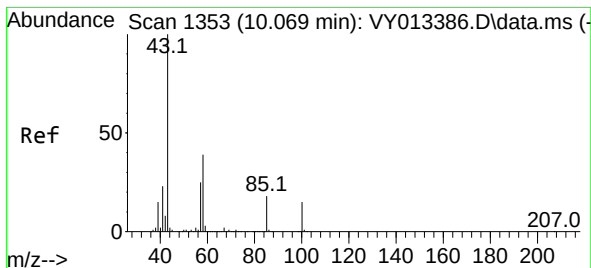
Tgt Ion: 98 Resp: 914714

Ion Ratio Lower Upper

98 100

100 62.6 50.5 75.7

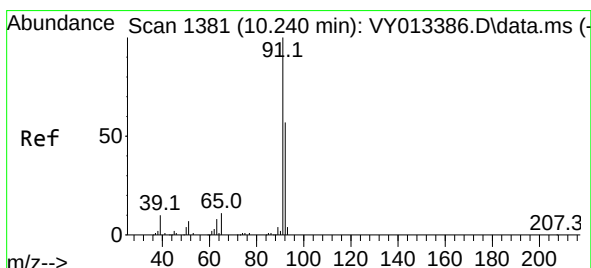
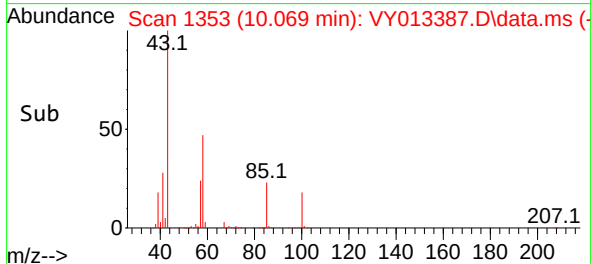
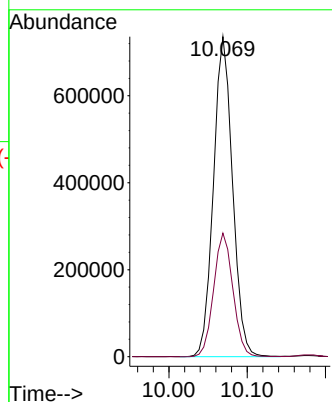
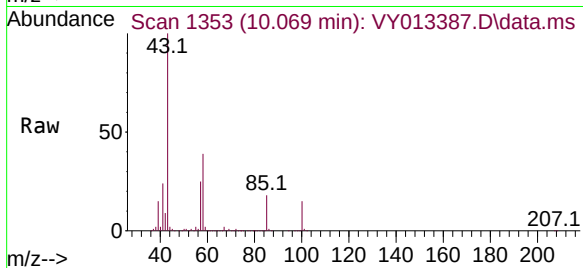




#51
4-Methyl-2-Pentanone
Concen: 425.547 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

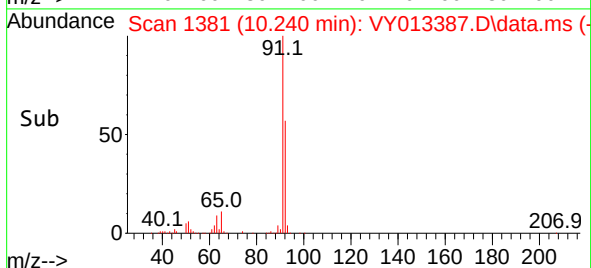
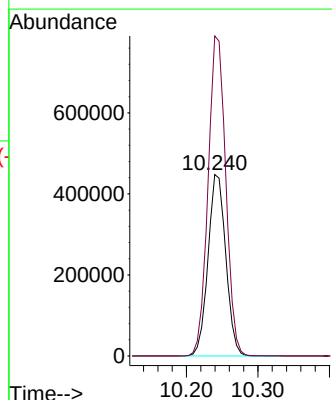
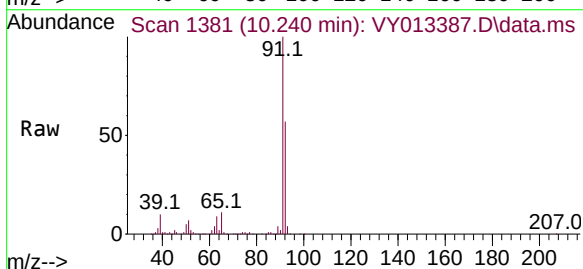
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

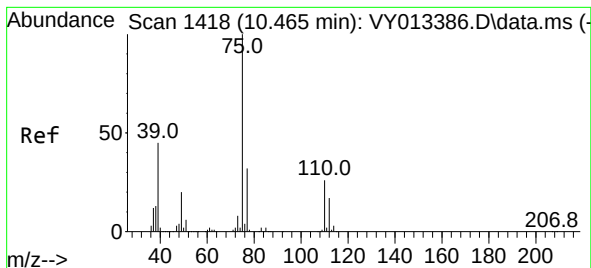
Tgt Ion: 43 Resp: 1244836
Ion Ratio Lower Upper
43 100
58 38.9 30.6 46.0



#52
Toluene
Concen: 98.317 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 92 Resp: 772207
Ion Ratio Lower Upper
92 100
91 175.9 140.2 210.4

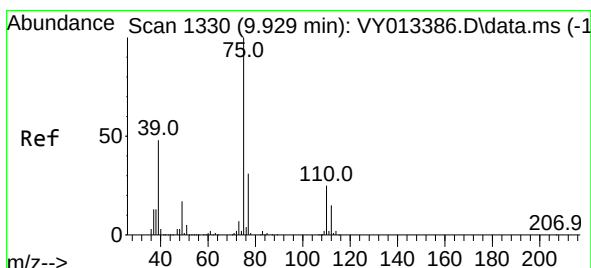
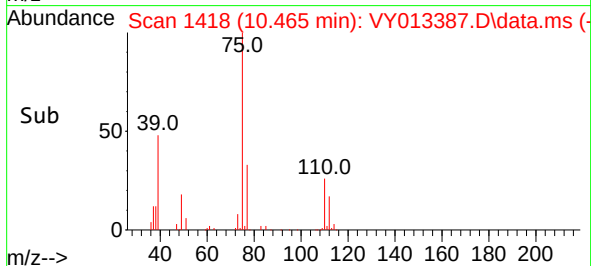
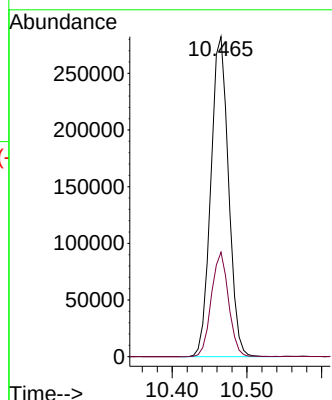
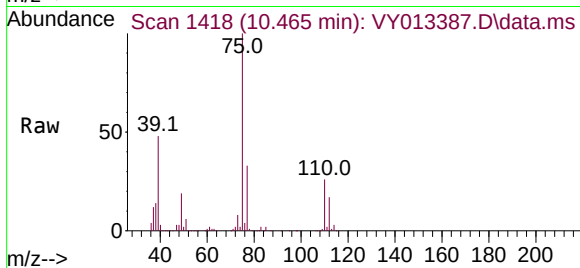




#53
 t-1,3-Dichloropropene
 Concen: 97.054 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY013387.D
 Acq: 21 Apr 2023 17:57

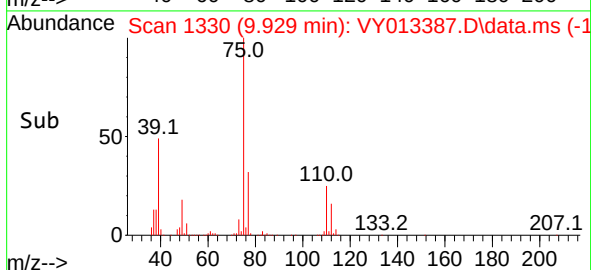
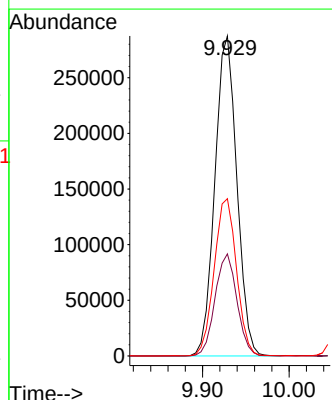
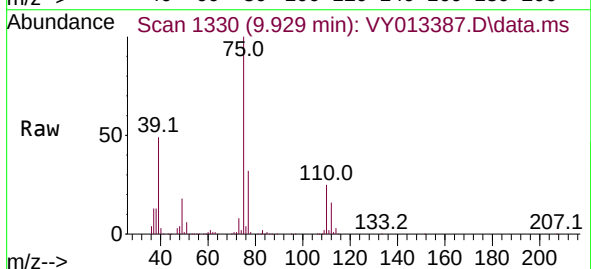
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

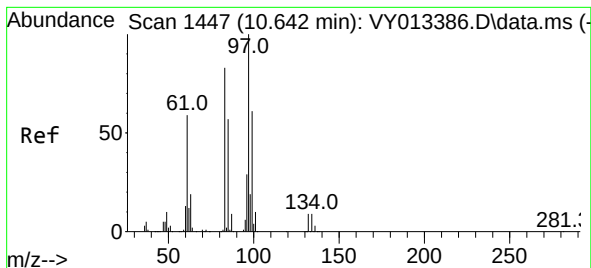
Tgt Ion: 75 Resp: 465429
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 97.430 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013387.D
 Acq: 21 Apr 2023 17:57

Tgt Ion: 75 Resp: 506509
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 49.1 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 90.491 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 250327

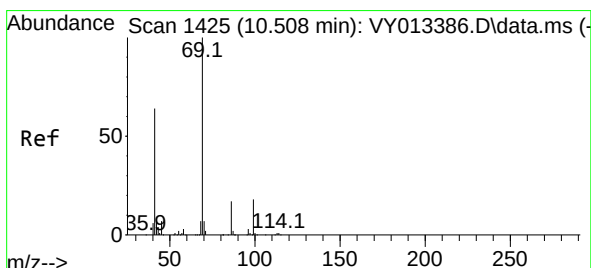
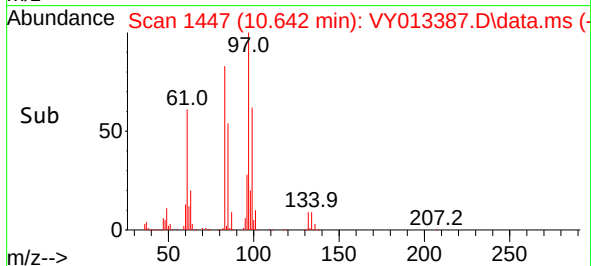
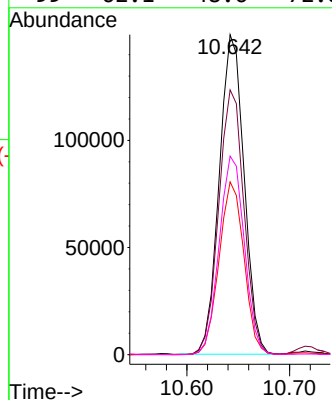
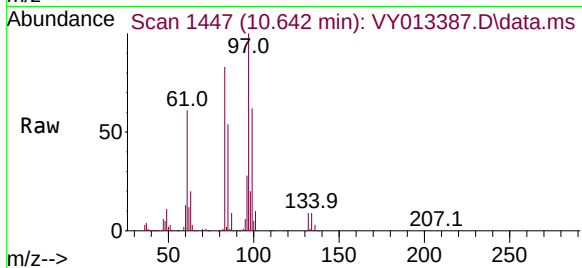
Ion Ratio Lower Upper

97 100

83 82.8 66.4 99.6

85 54.1 45.6 68.4

99 62.1 48.6 72.8



#56

Ethyl methacrylate

Concen: 96.597 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

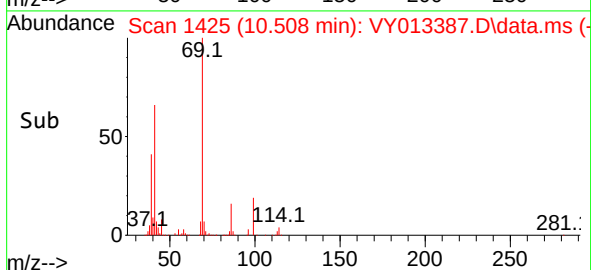
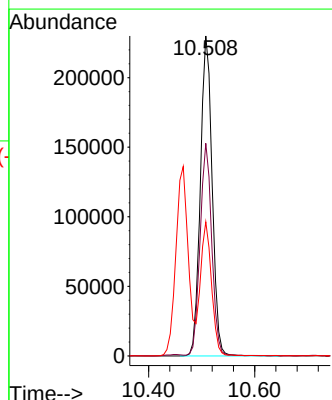
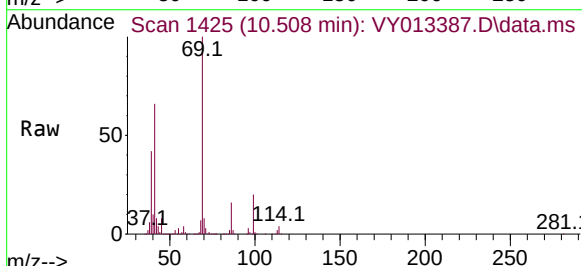
Tgt Ion: 69 Resp: 354832

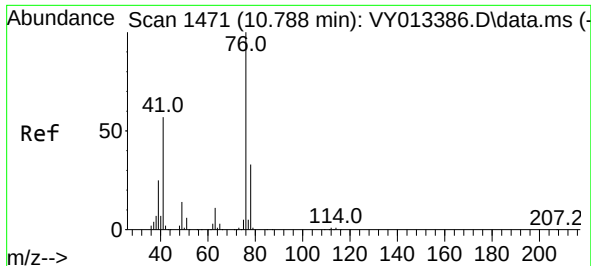
Ion Ratio Lower Upper

69 100

41 65.5 51.4 77.0

39 38.4 29.0 43.6





#57

1,3-Dichloropropane

Concen: 91.456 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

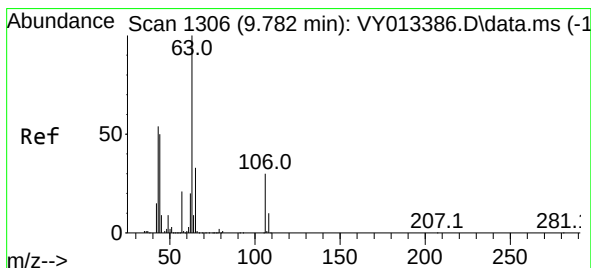
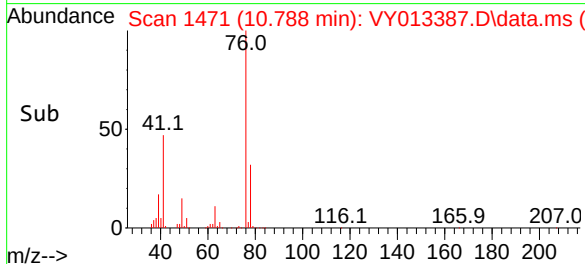
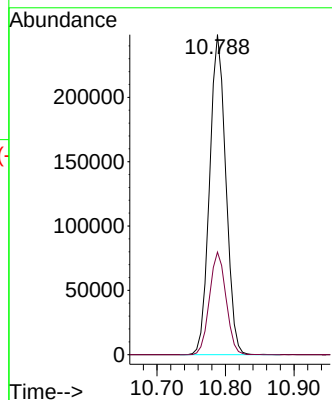
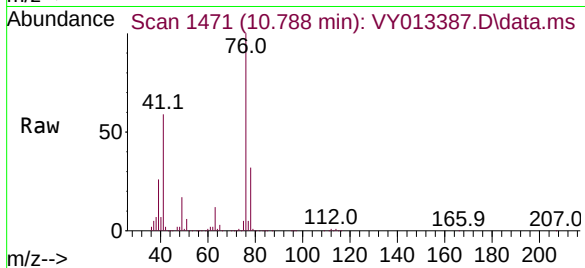
VSTDIC100

Tgt Ion: 76 Resp: 408997

Ion Ratio Lower Upper

76 100

78 32.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 419.923 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013387.D

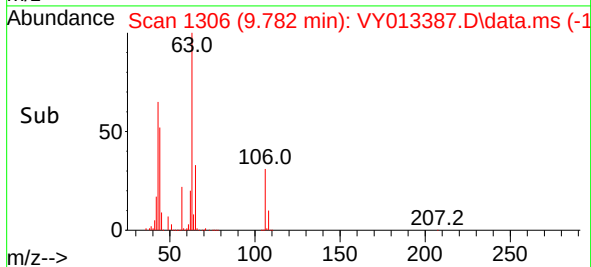
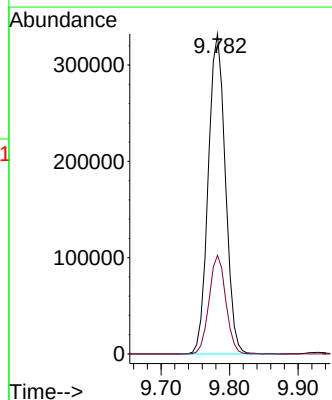
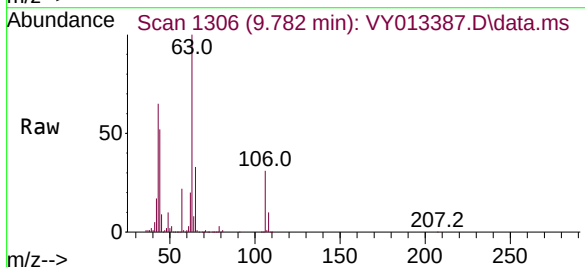
Acq: 21 Apr 2023 17:57

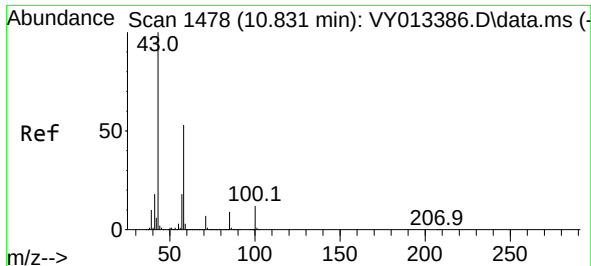
Tgt Ion: 63 Resp: 575861

Ion Ratio Lower Upper

63 100

106 30.0 23.5 35.3

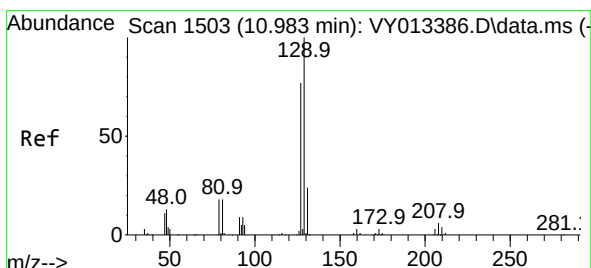
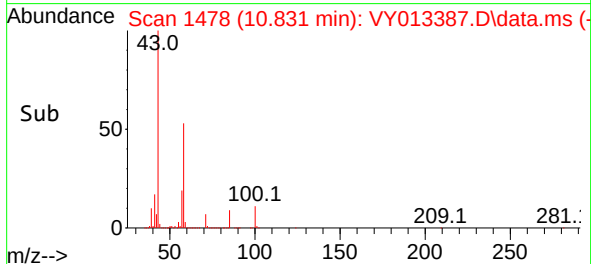
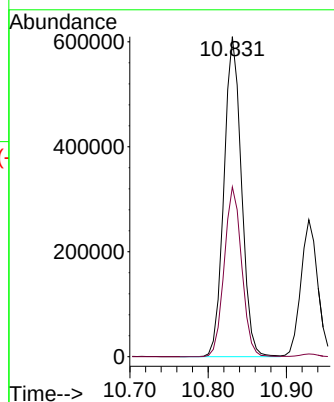
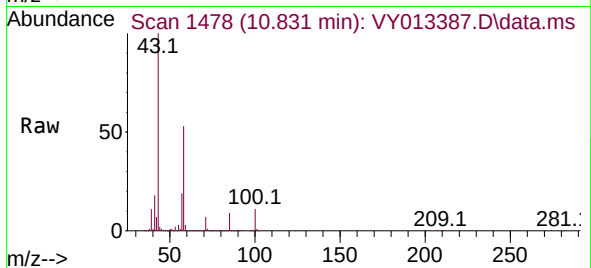




#59
2-Hexanone
Concen: 426.562 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

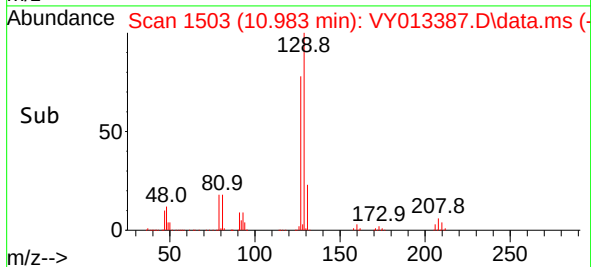
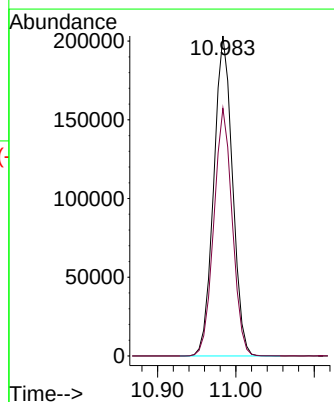
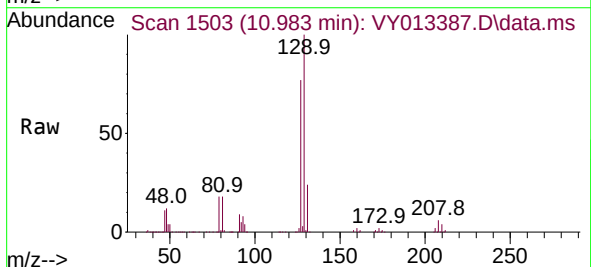
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

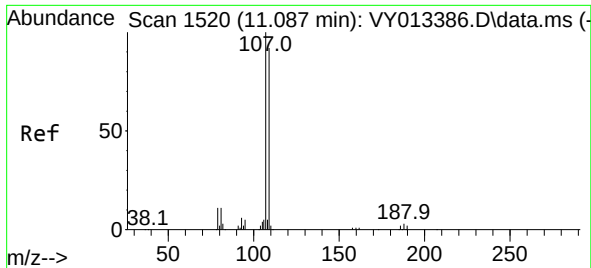
Tgt Ion: 43 Resp: 946755
Ion Ratio Lower Upper
43 100
58 53.0 26.3 78.8



#60
Dibromochloromethane
Concen: 97.422 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 129 Resp: 337914
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1

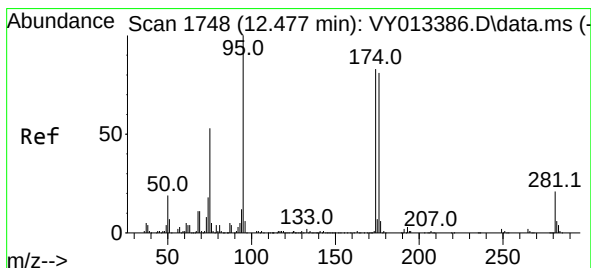
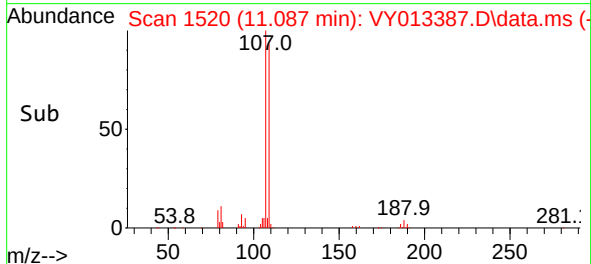
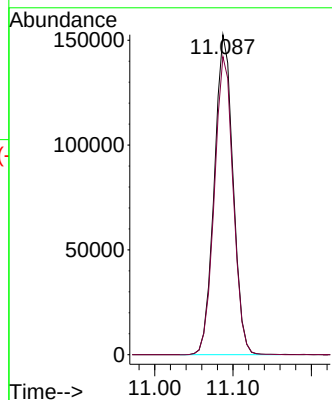
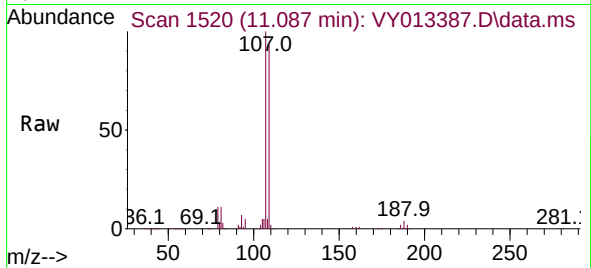




#61
1,2-Dibromoethane
Concen: 92.697 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

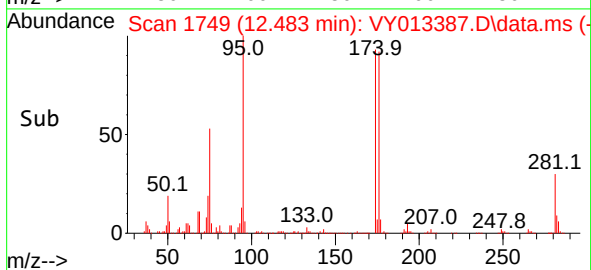
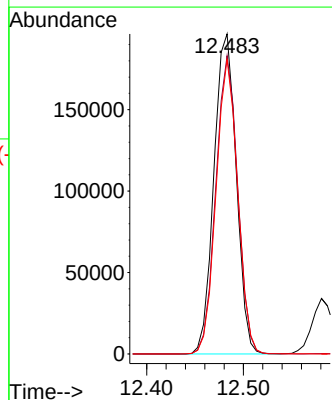
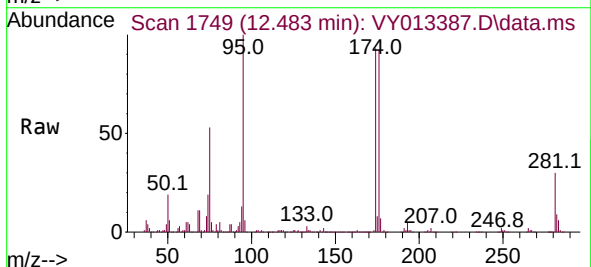
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

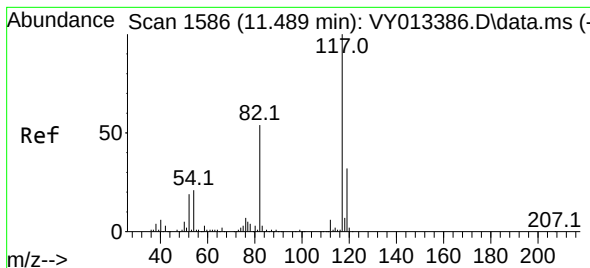
Tgt Ion:107 Resp: 253492
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 92.833 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 95 Resp: 314631
Ion Ratio Lower Upper
95 100
174 91.4 0.0 182.0
176 88.9 0.0 175.4

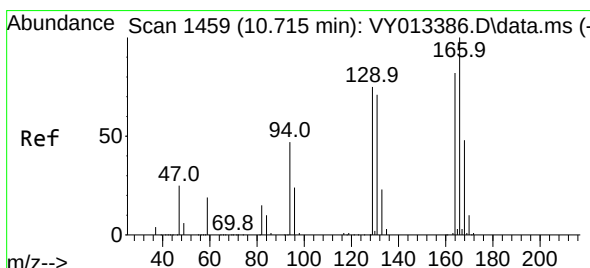
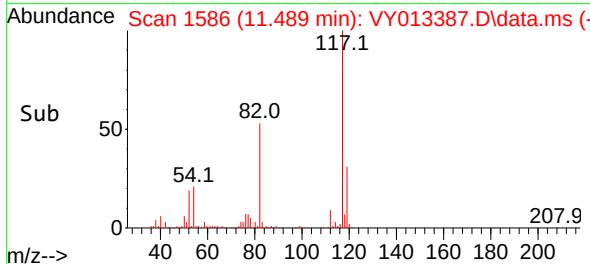
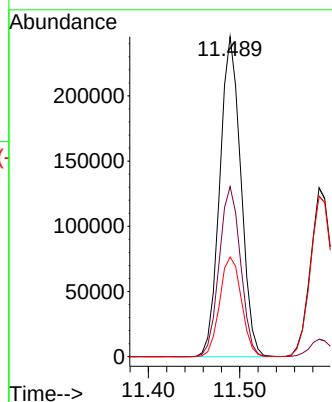
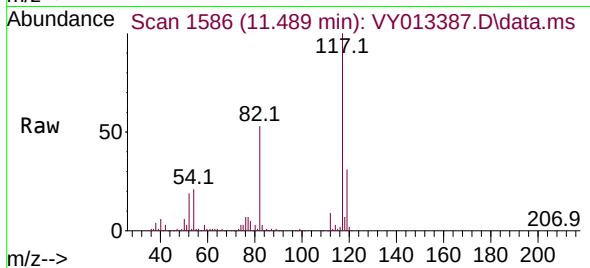




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

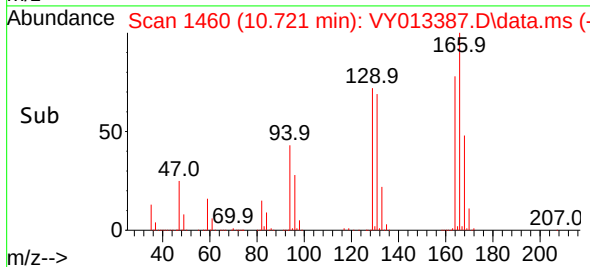
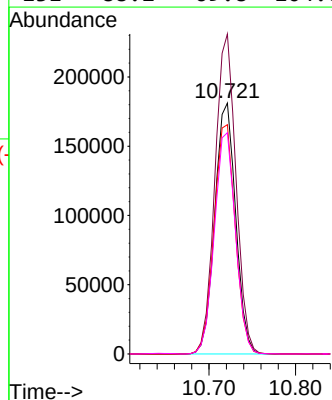
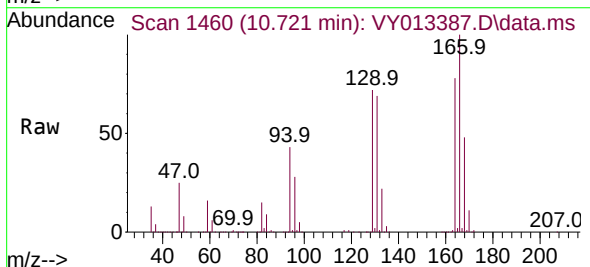
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

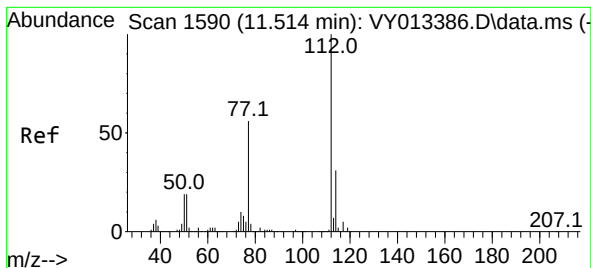
Tgt Ion:117 Resp: 393274
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.6
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 102.346 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion:164 Resp: 303958
Ion Ratio Lower Upper
164 100
166 127.6 97.5 146.3
129 91.4 72.6 109.0
131 88.2 69.8 104.6

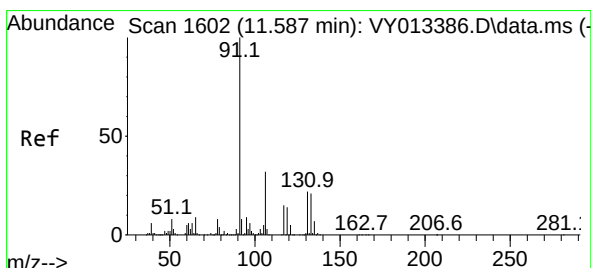
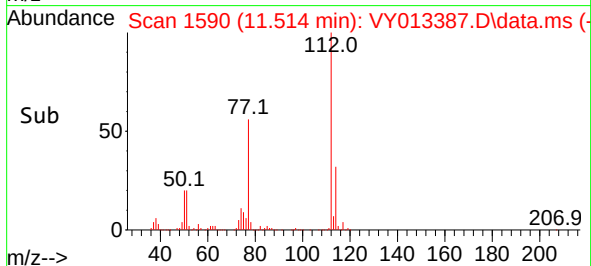
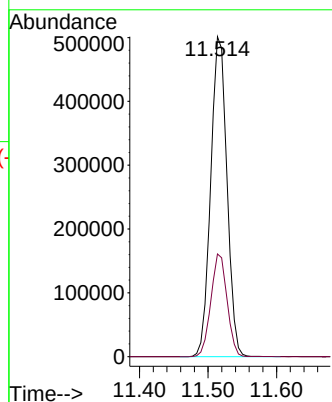
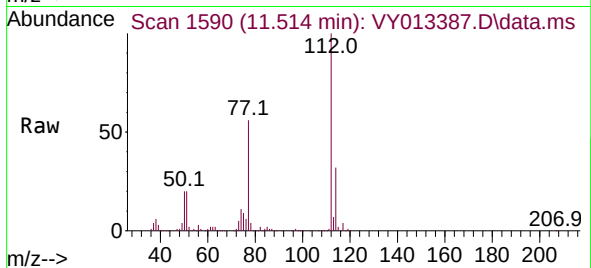




#65
Chlorobenzene
Concen: 98.906 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

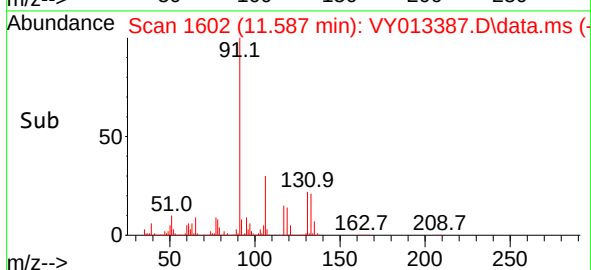
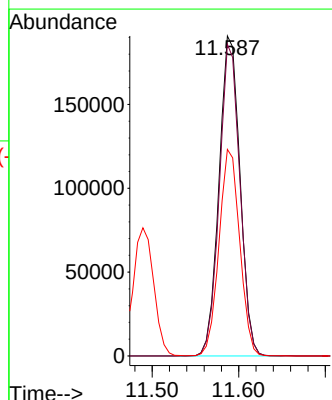
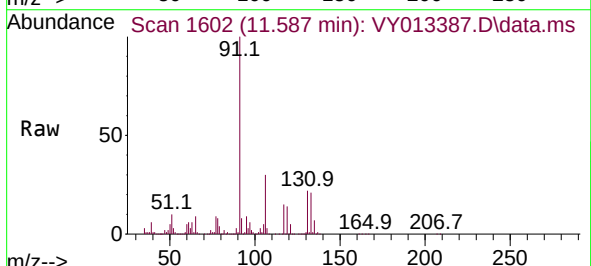
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

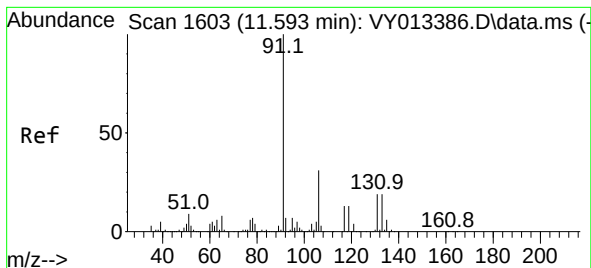
Tgt Ion:112 Resp: 825015
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 101.227 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion:131 Resp: 320460
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 63.9 32.6 98.0





#67

Ethyl Benzene

Concen: 105.032 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

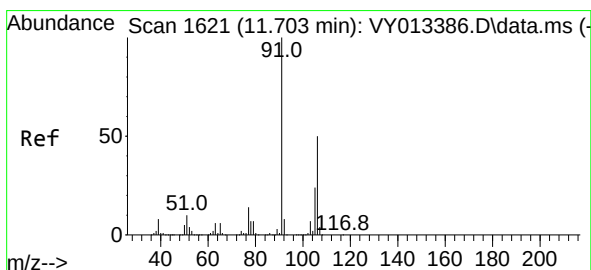
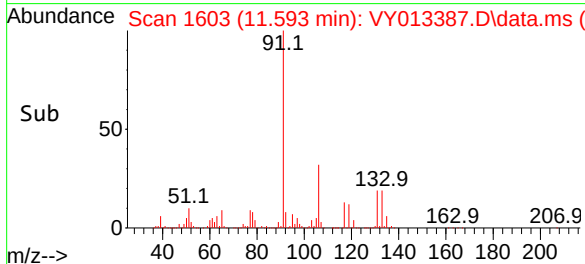
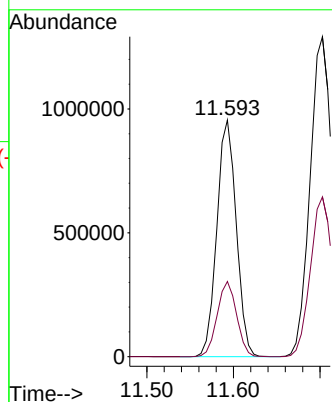
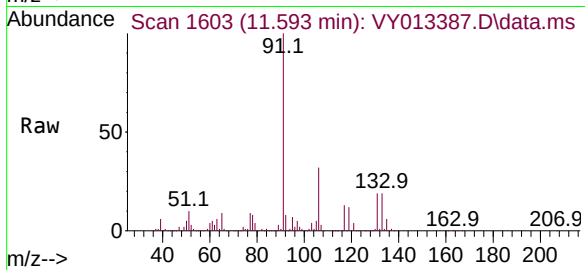
VSTDIC100

Tgt Ion: 91 Resp: 1485655

Ion Ratio Lower Upper

91 100

106 31.8 25.1 37.7



#68

m/p-Xylenes

Concen: 209.206 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013387.D

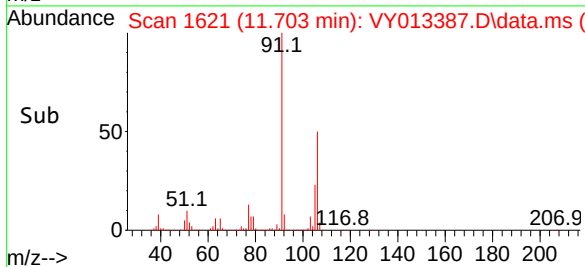
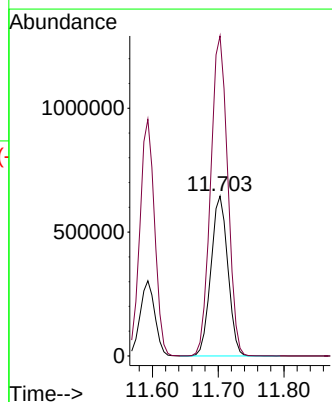
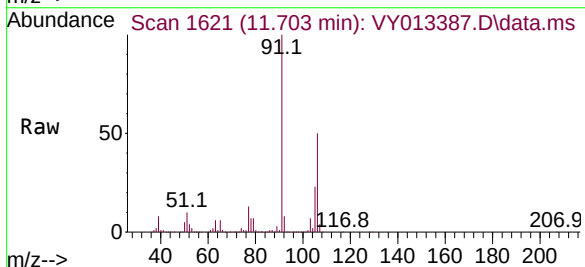
Acq: 21 Apr 2023 17:57

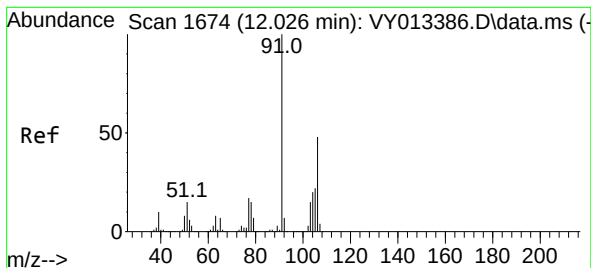
Tgt Ion: 106 Resp: 1153112

Ion Ratio Lower Upper

106 100

91 202.0 160.9 241.3





#69

o-Xylene

Concen: 106.750 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

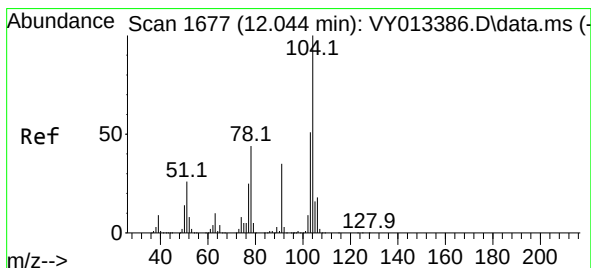
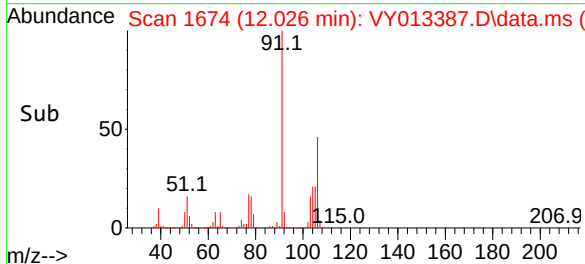
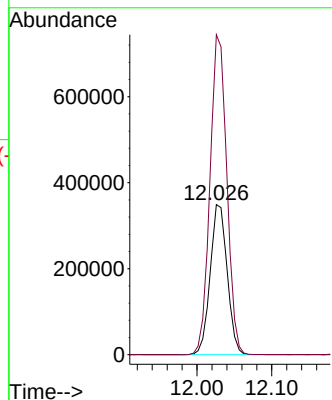
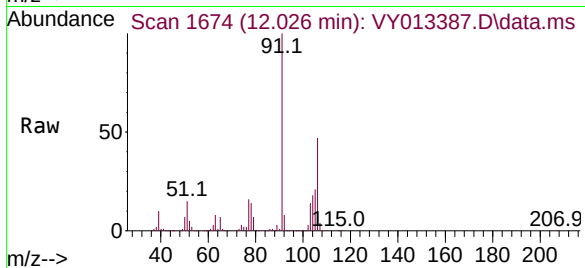
VSTDIC100

Tgt Ion:106 Resp: 549953

Ion Ratio Lower Upper

106 100

91 211.5 105.5 316.4



#70

Styrene

Concen: 105.292 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

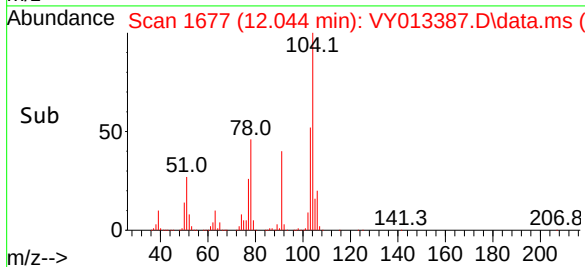
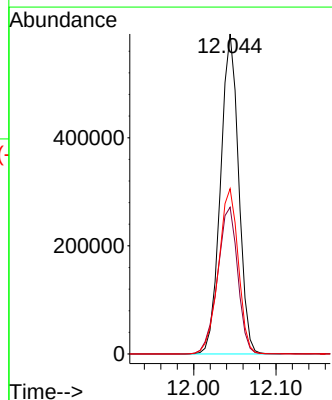
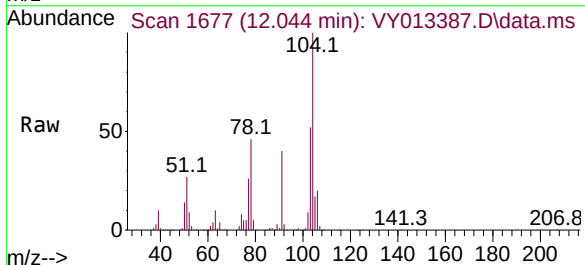
Tgt Ion:104 Resp: 907251

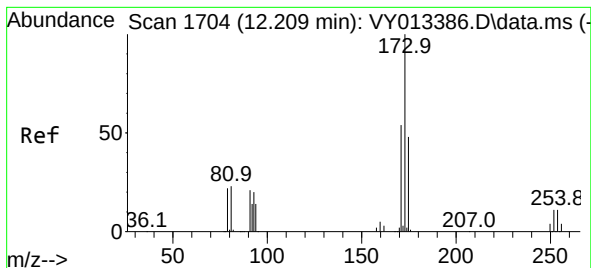
Ion Ratio Lower Upper

104 100

78 51.1 40.3 60.5

103 56.4 45.0 67.4





#71

Bromoform

Concen: 97.314 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

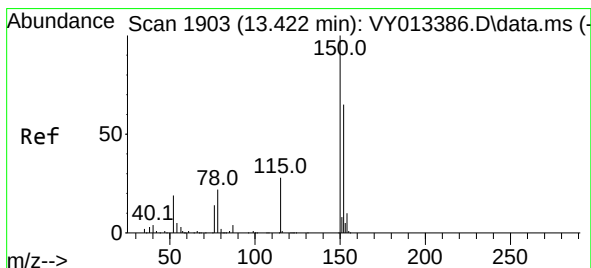
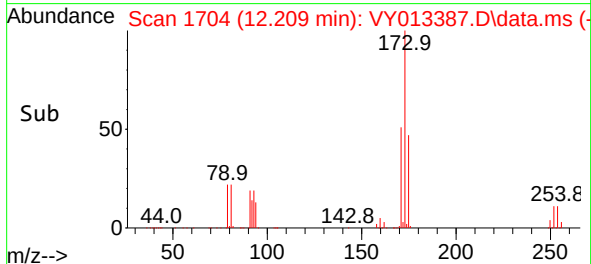
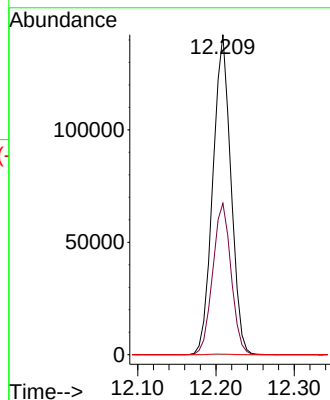
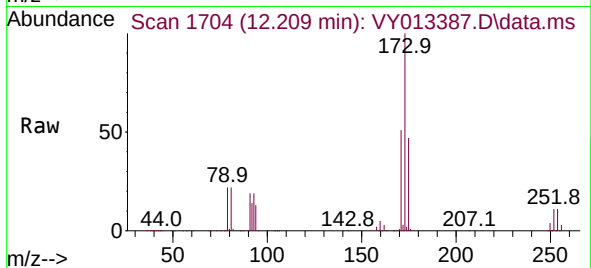
Tgt Ion:173 Resp: 227768

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

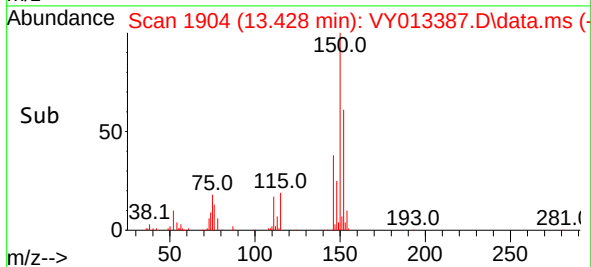
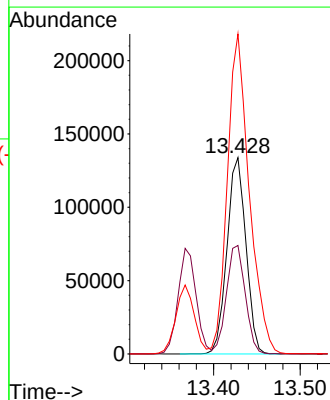
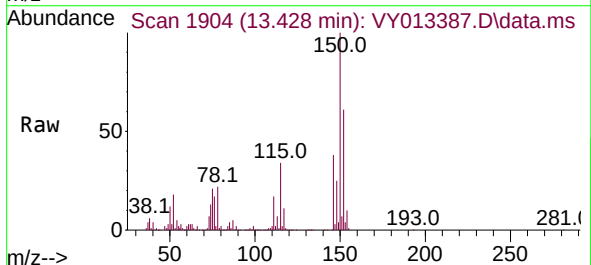
Tgt Ion:152 Resp: 203333

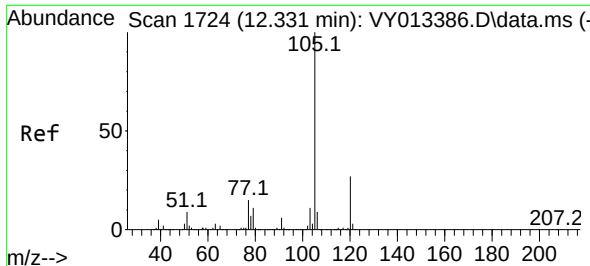
Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.2

150 188.7 0.0 352.0

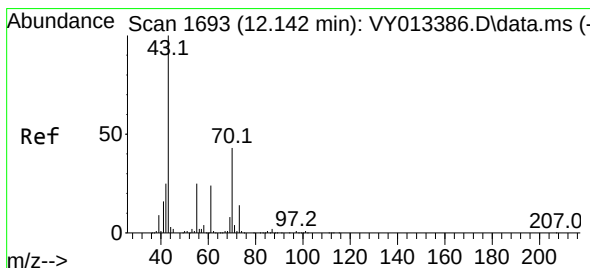
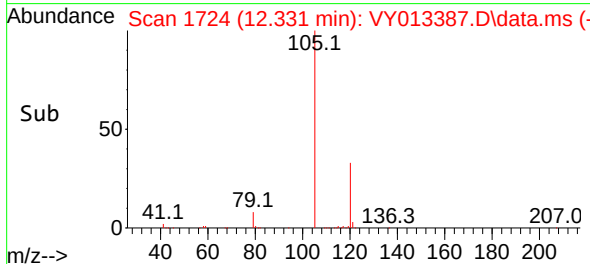
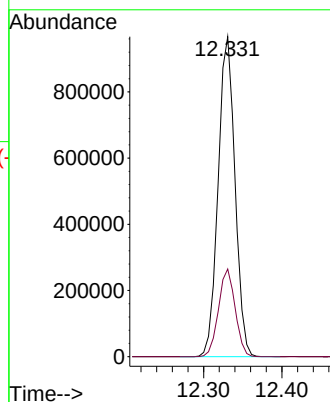
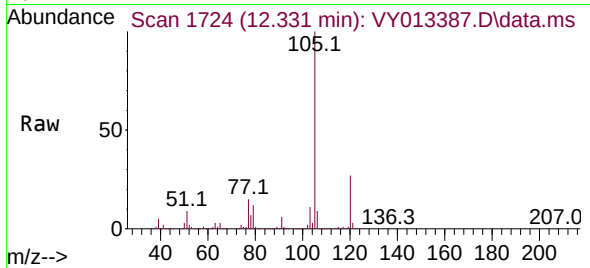




#73
Isopropylbenzene
Concen: 105.407 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

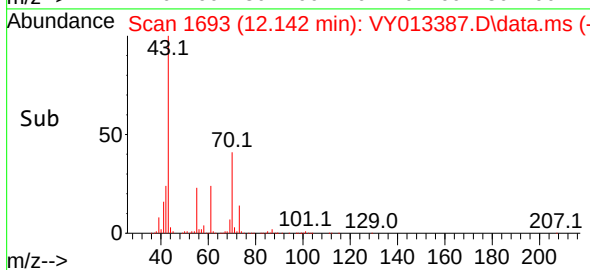
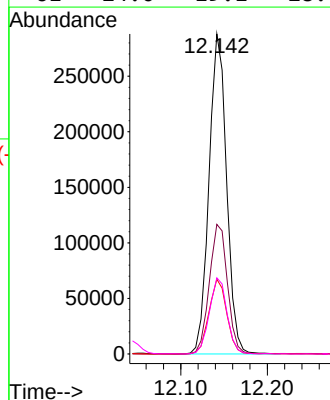
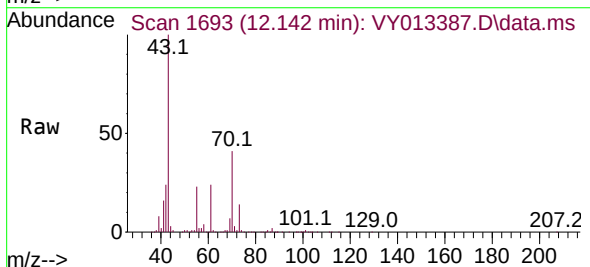
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

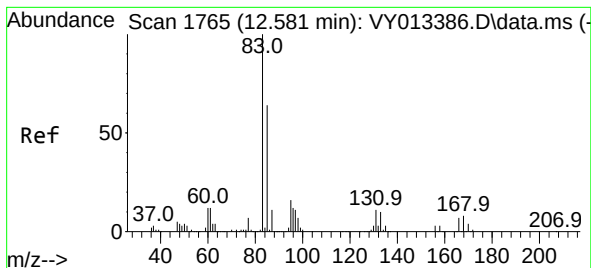
Tgt Ion:105 Resp: 1447044
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0



#74
N-ethyl acetate
Concen: 94.939 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 43 Resp: 406049
Ion Ratio Lower Upper
43 100
70 41.9 33.0 49.4
55 23.7 19.8 29.6
61 24.0 19.1 28.7

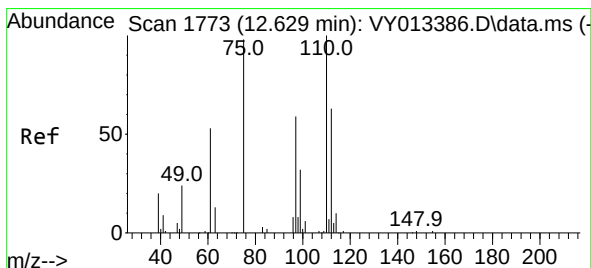
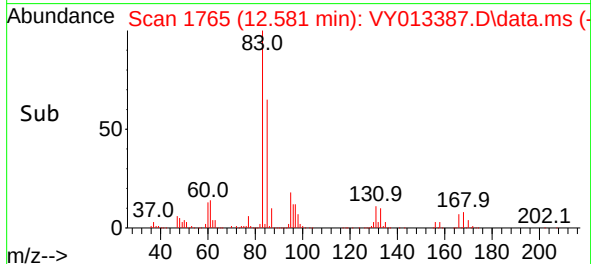
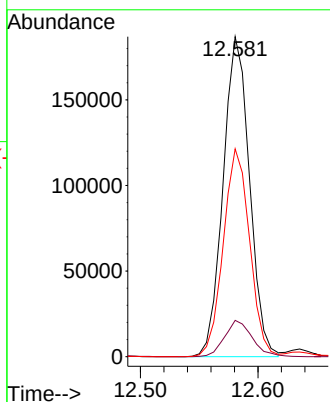
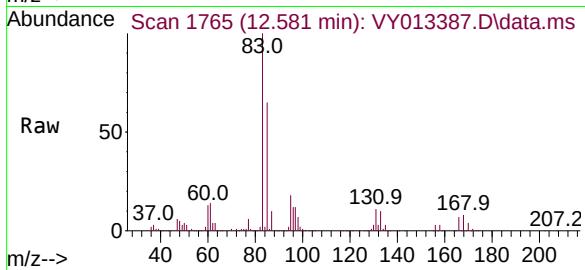




#75
 1,1,2,2-Tetrachloroethane
 Concen: 87.151 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013387.D
 Acq: 21 Apr 2023 17:57

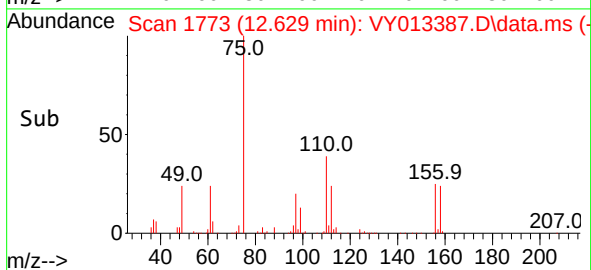
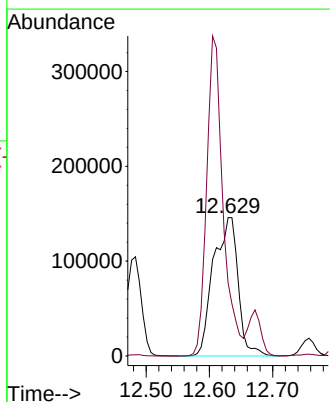
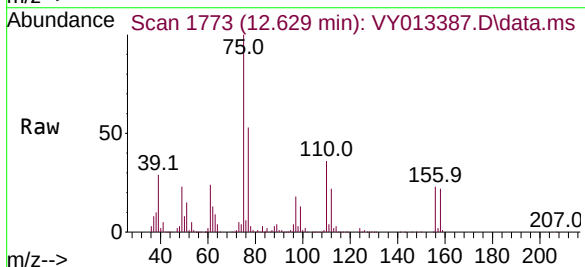
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

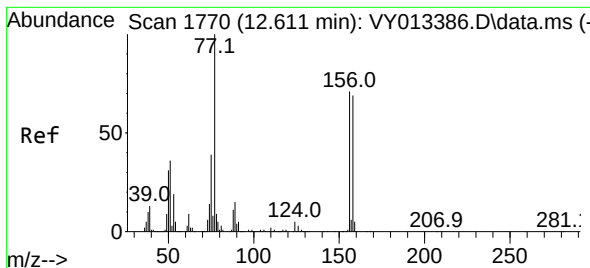
Tgt Ion: 83 Resp: 292194
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.7 17.0
 85 64.7 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 167.461 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY013387.D
 Acq: 21 Apr 2023 17:57

Tgt Ion: 75 Resp: 394703
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.744 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

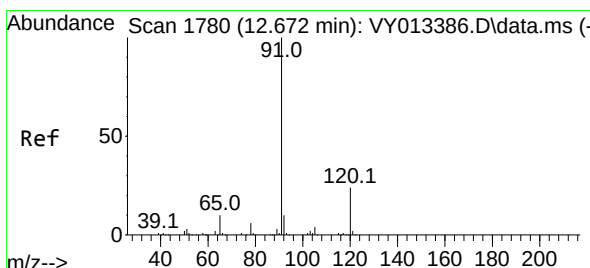
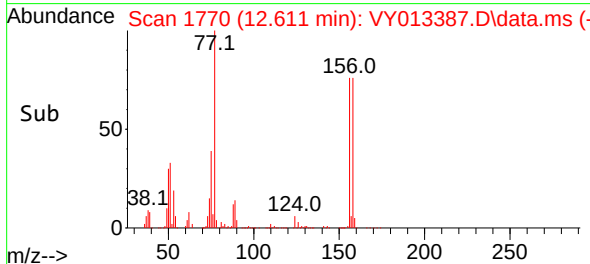
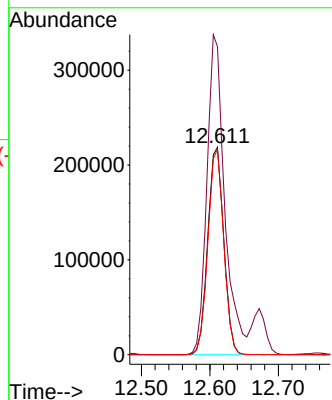
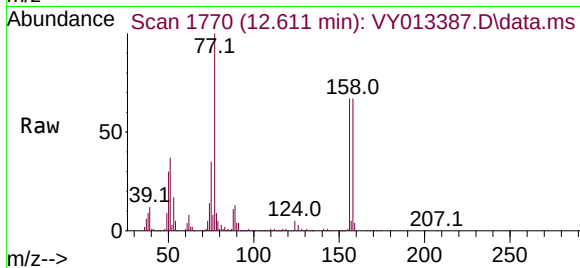
Tgt Ion:156 Resp: 356428

Ion Ratio Lower Upper

156 100

77 171.2 87.6 262.9

158 97.6 48.5 145.5



#78

n-propylbenzene

Concen: 103.364 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013387.D

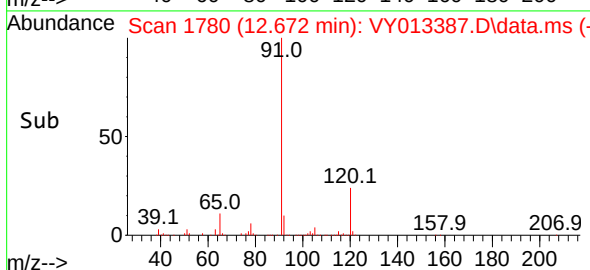
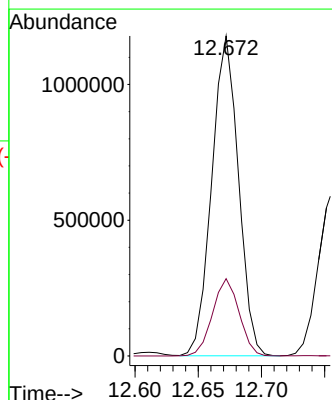
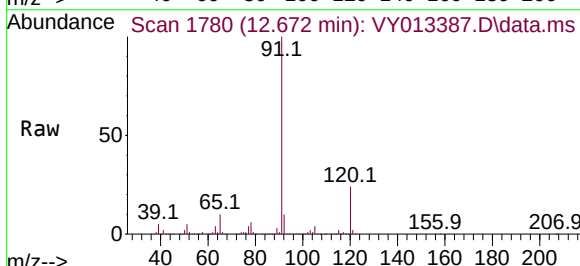
Acq: 21 Apr 2023 17:57

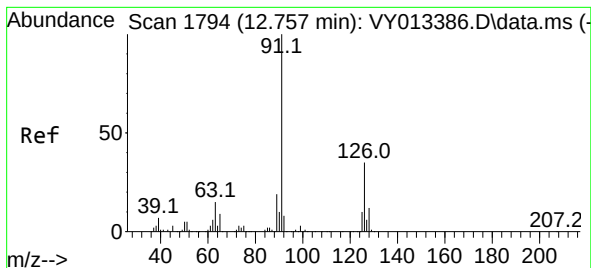
Tgt Ion: 91 Resp: 1725685

Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.9





#79

2-Chlorotoluene

Concen: 101.401 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

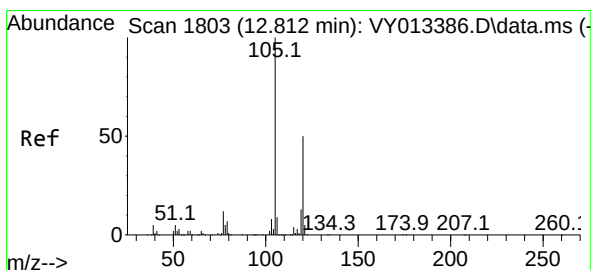
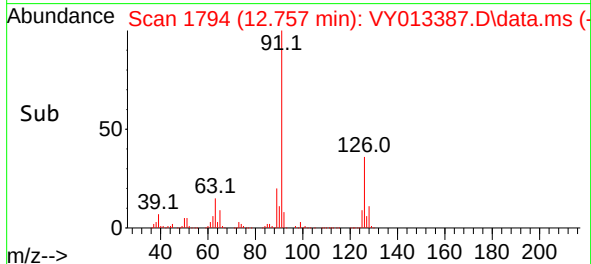
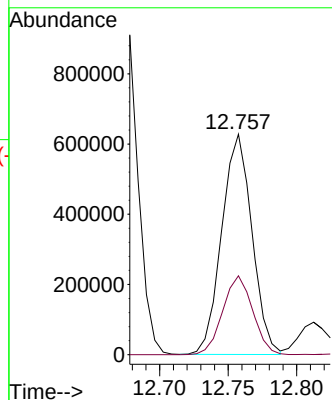
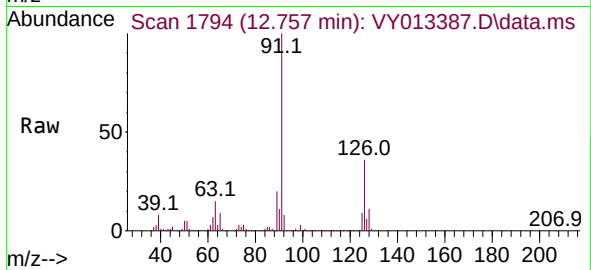
VSTDICC100

Tgt Ion: 91 Resp: 963480

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 104.929 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013387.D

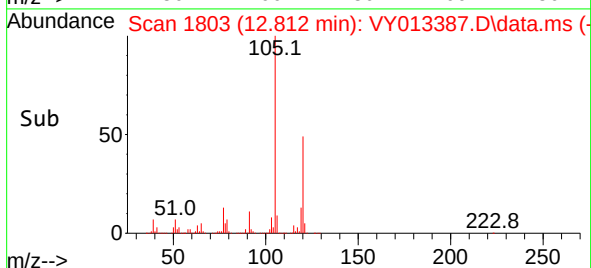
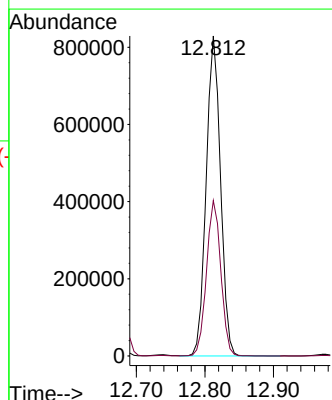
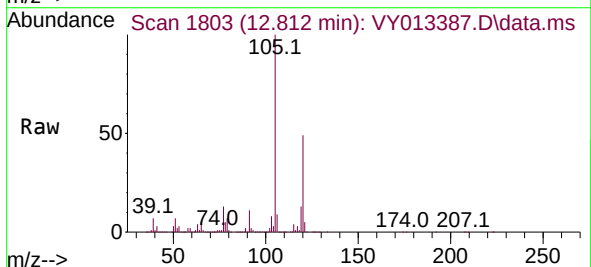
Acq: 21 Apr 2023 17:57

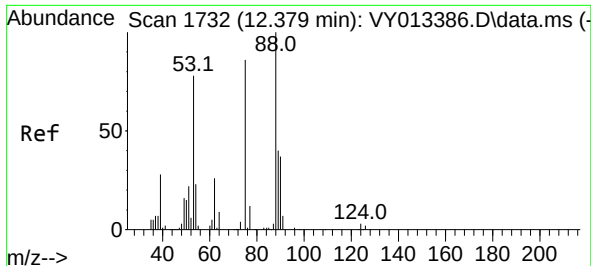
Tgt Ion:105 Resp: 1206437

Ion Ratio Lower Upper

105 100

120 48.6 24.7 74.1

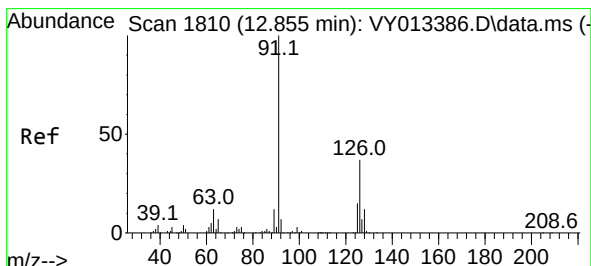
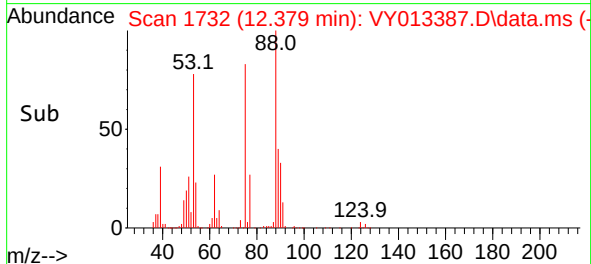
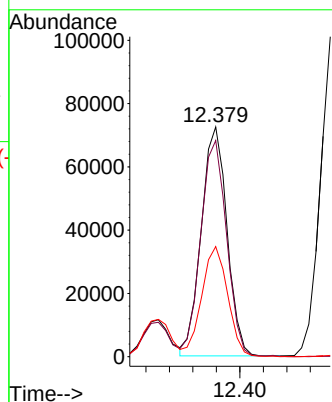
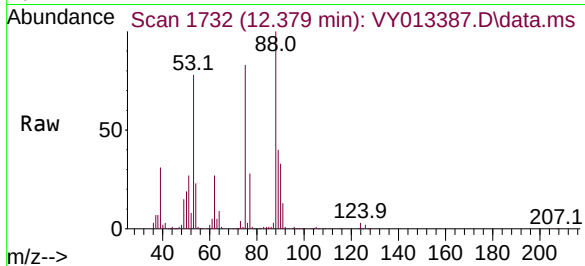




#81
trans-1,4-Dichloro-2-butene
Concen: 92.258 ug/l
RT: 12.379 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

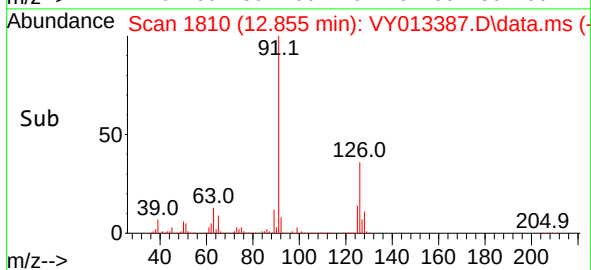
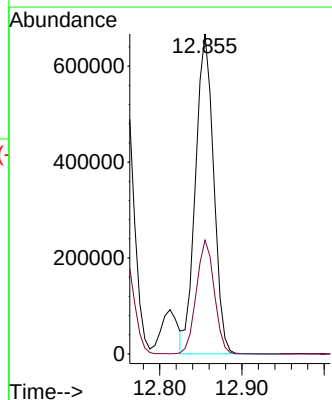
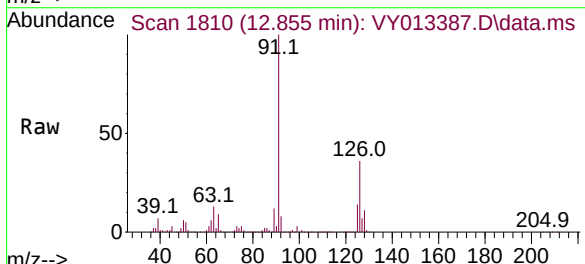
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

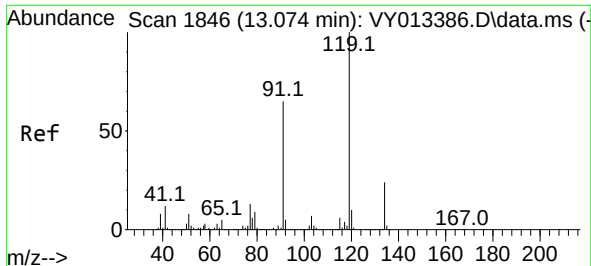
Tgt Ion: 75 Resp: 110174
Ion Ratio Lower Upper
75 100
53 95.3 73.2 109.8
89 48.8 38.0 57.0



#82
4-Chlorotoluene
Concen: 102.709 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion: 91 Resp: 1016981
Ion Ratio Lower Upper
91 100
126 35.2 17.9 53.8

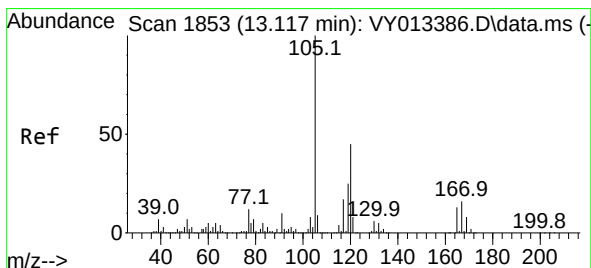
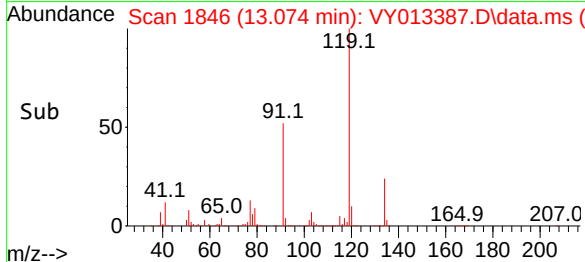
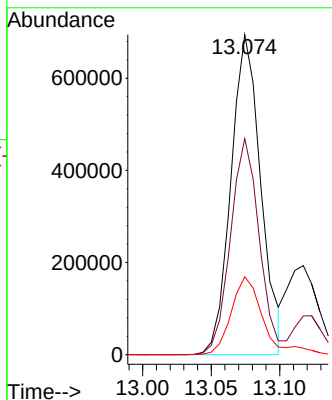
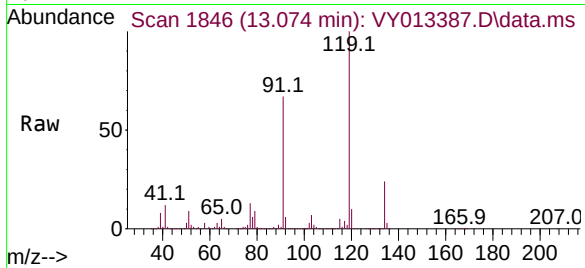




#83
tert-Butylbenzene
Concen: 105.731 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

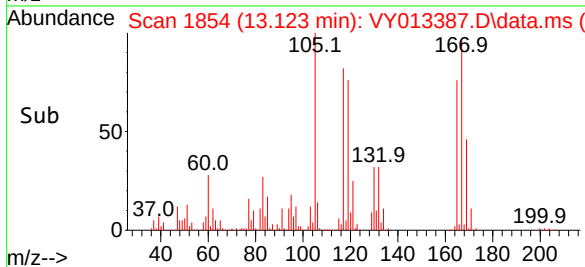
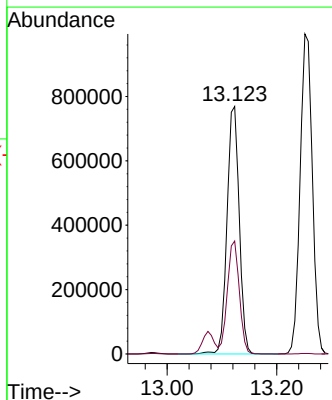
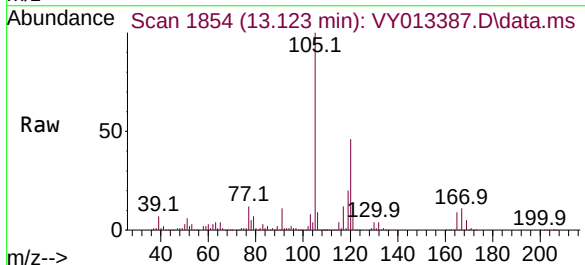
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

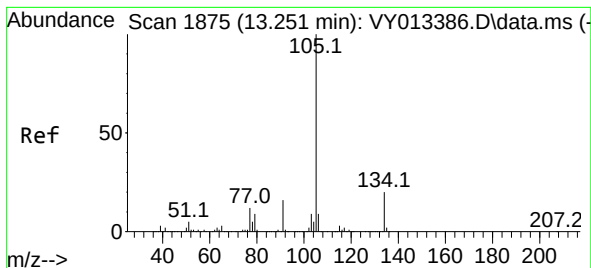
Tgt Ion:119 Resp: 1052530
Ion Ratio Lower Upper
119 100
91 65.8 32.2 96.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 105.846 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion:105 Resp: 1193958
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 104.503 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

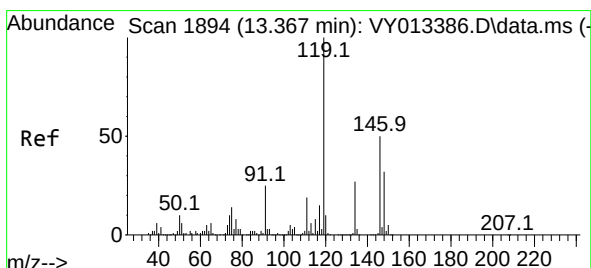
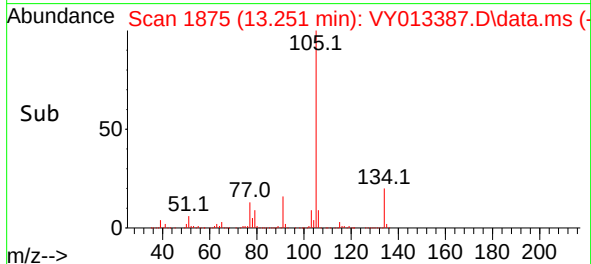
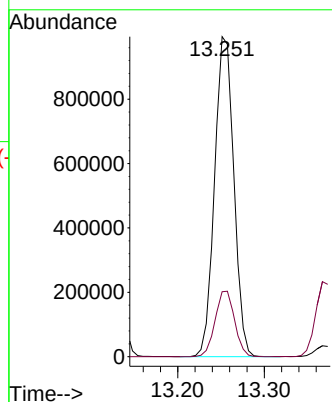
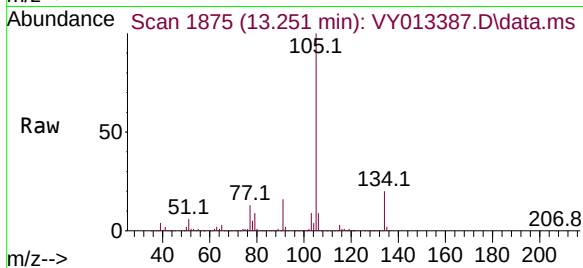
VSTDICC100

Tgt Ion:105 Resp: 1536153

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 105.429 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

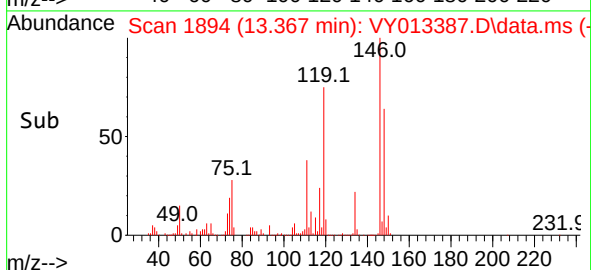
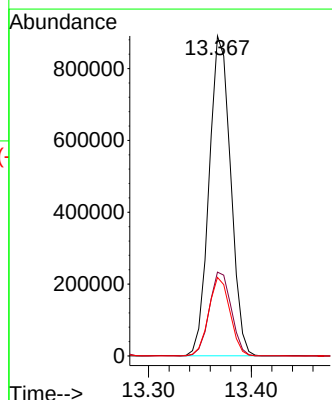
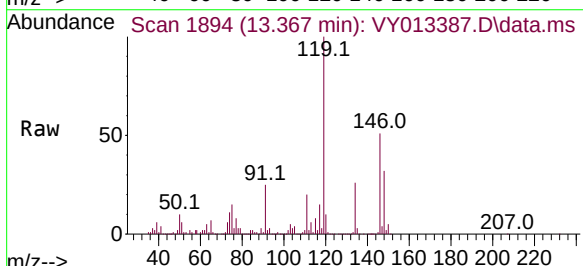
Tgt Ion:119 Resp: 1294374

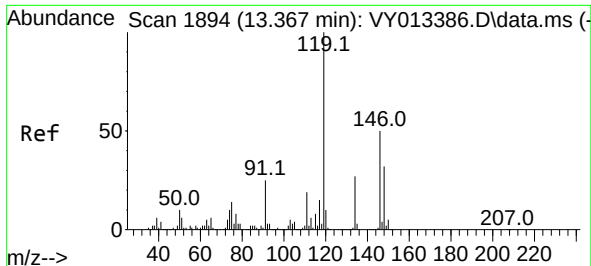
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 24.2 12.1 36.3

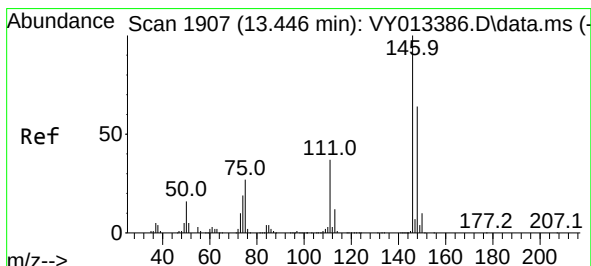
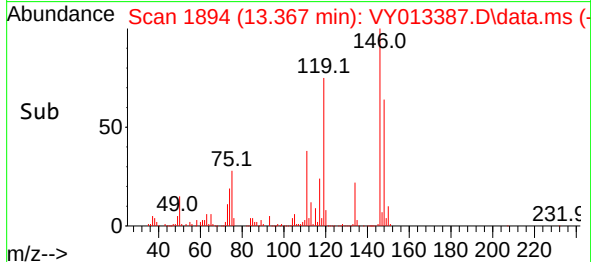
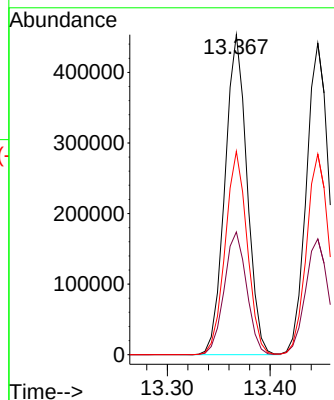
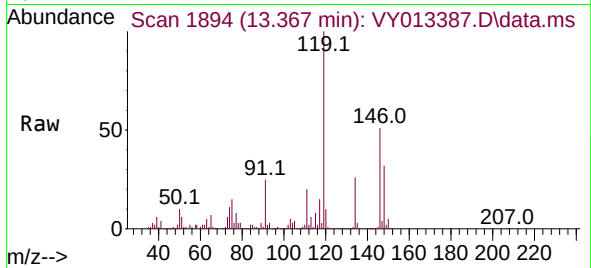




#87
1,3-Dichlorobenzene
Concen: 98.700 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

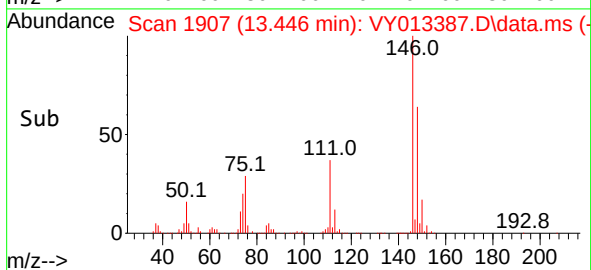
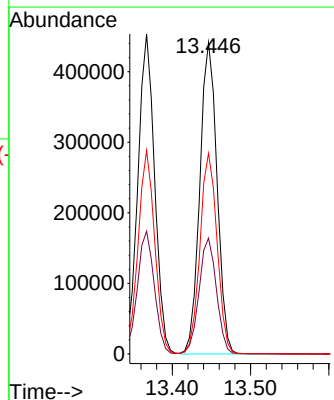
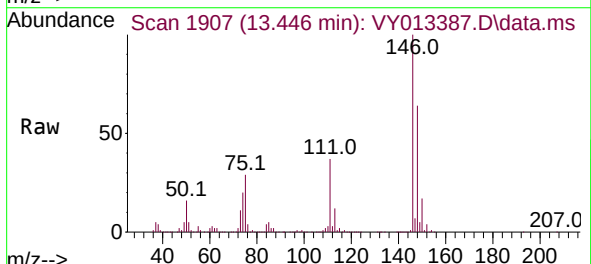
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

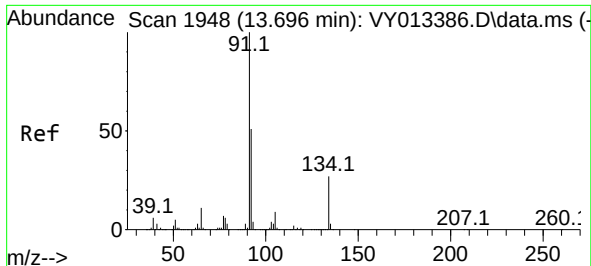
Tgt Ion:146 Resp: 676536
Ion Ratio Lower Upper
146 100
111 38.8 19.3 57.9
148 63.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 97.134 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013387.D
Acq: 21 Apr 2023 17:57

Tgt Ion:146 Resp: 673311
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.5
148 64.0 31.9 95.5





#89

n-Butylbenzene

Concen: 105.187 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

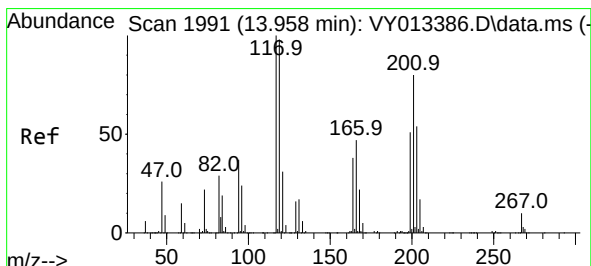
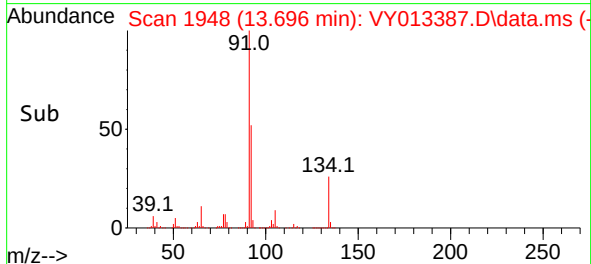
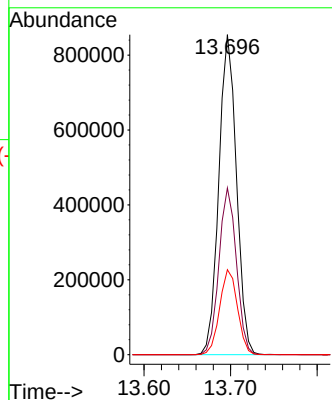
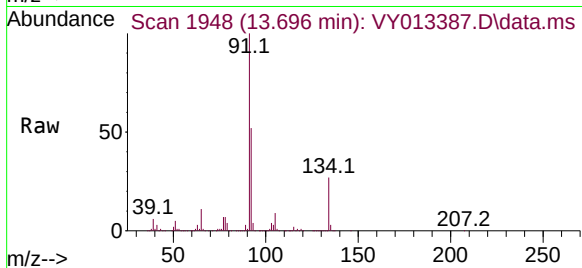
Tgt Ion: 91 Resp: 1207583

Ion Ratio Lower Upper

91 100

92 51.8 25.8 77.3

134 26.9 13.5 40.4



#90

Hexachloroethane

Concen: 97.134 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013387.D

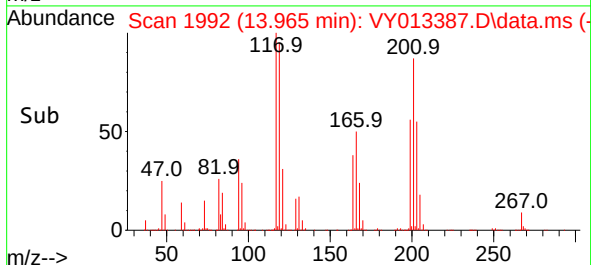
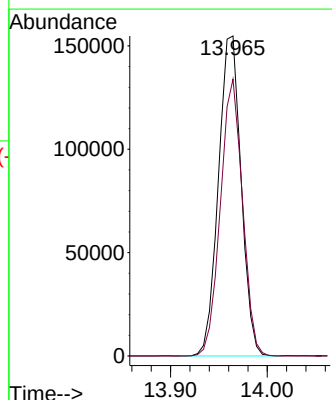
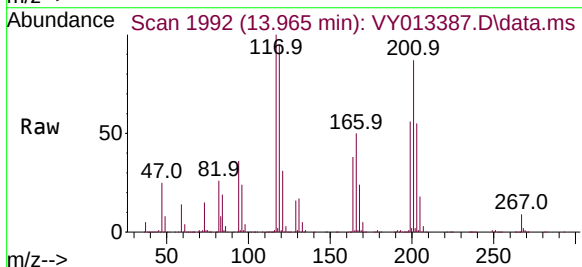
Acq: 21 Apr 2023 17:57

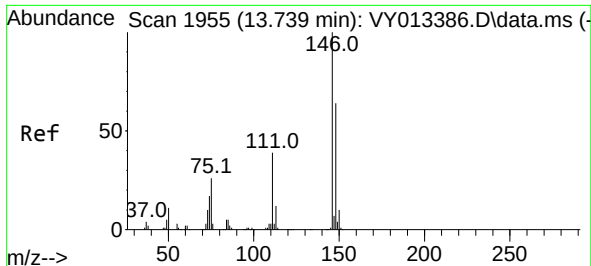
Tgt Ion: 117 Resp: 251659

Ion Ratio Lower Upper

117 100

201 84.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 95.980 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

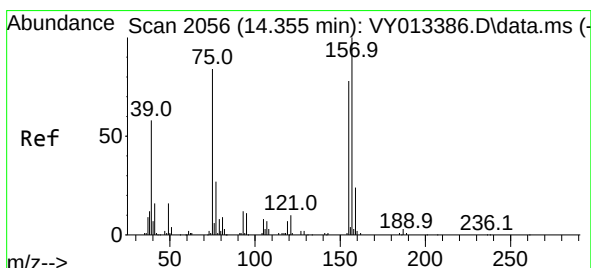
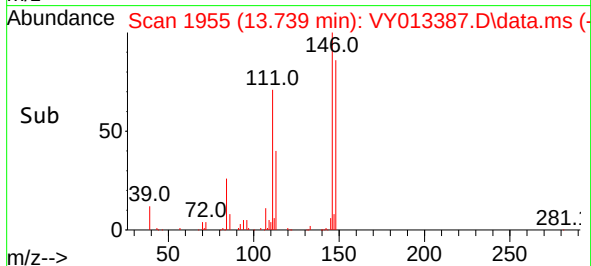
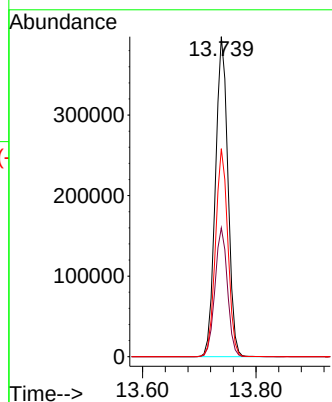
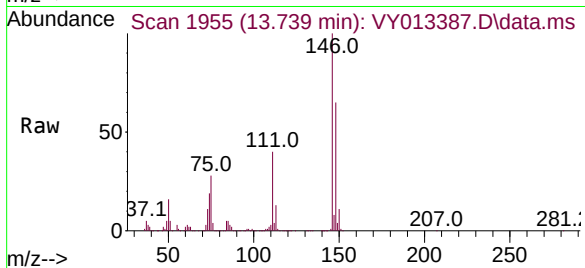
Tgt Ion:146 Resp: 608388

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.825 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

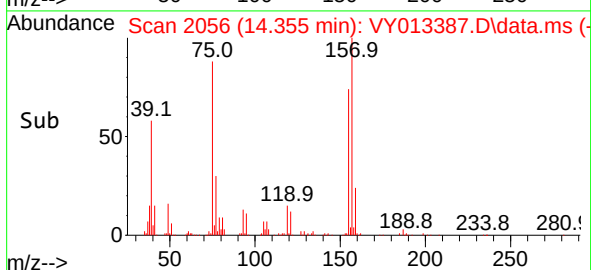
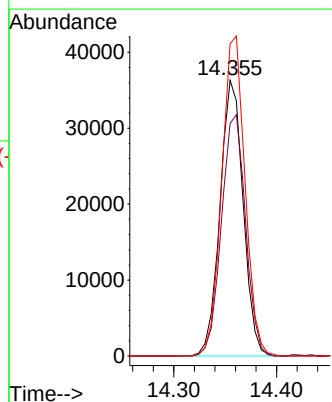
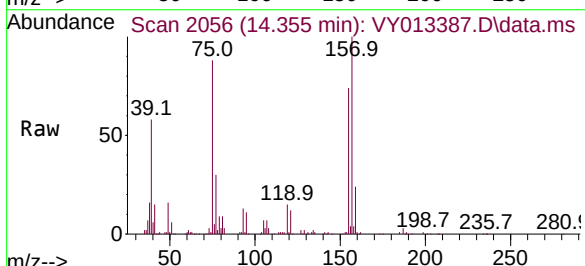
Tgt Ion: 75 Resp: 56616

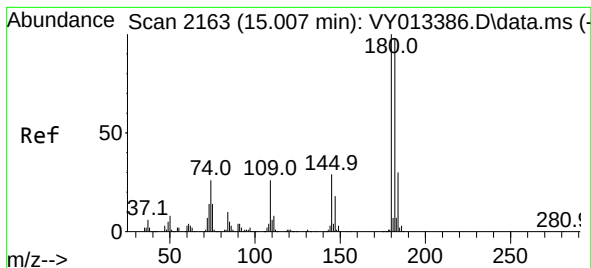
Ion Ratio Lower Upper

75 100

155 91.0 44.6 134.0

157 116.6 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 104.304 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

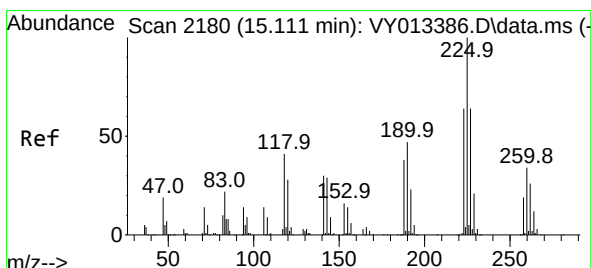
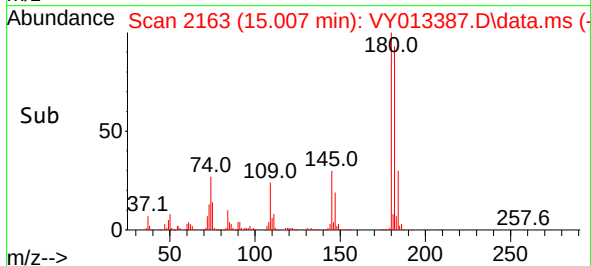
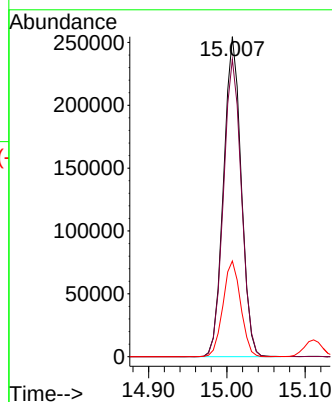
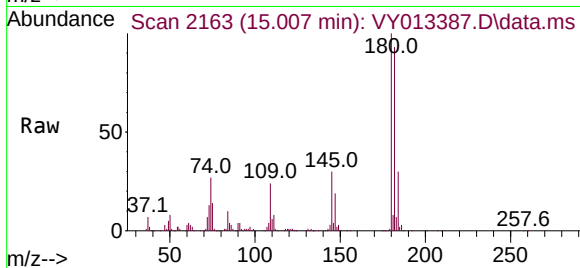
Tgt Ion:180 Resp: 398214

Ion Ratio Lower Upper

180 100

182 94.7 48.5 145.5

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 100.344 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

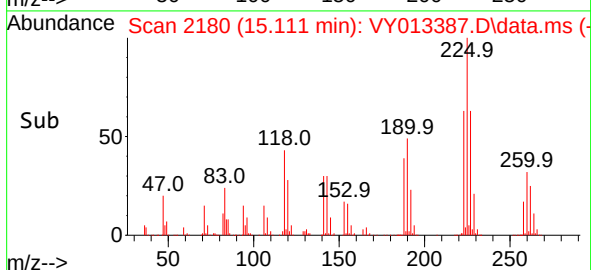
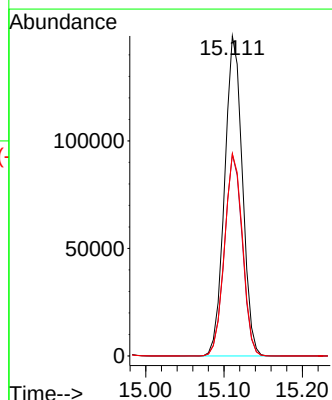
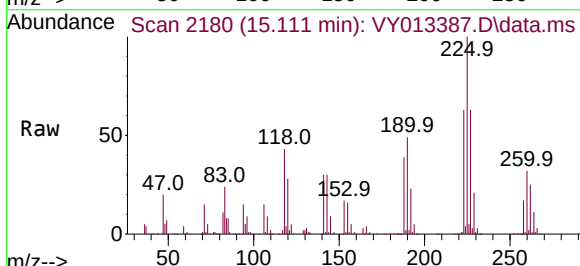
Tgt Ion:225 Resp: 234716

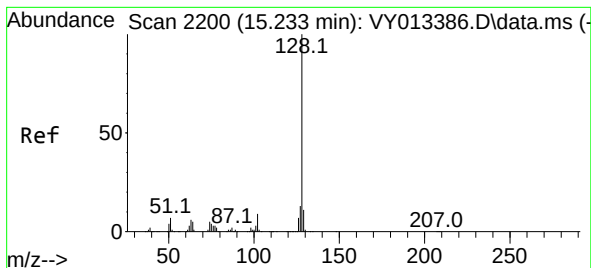
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.2

227 64.0 32.0 96.0





#95

Naphthalene

Concen: 104.364 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

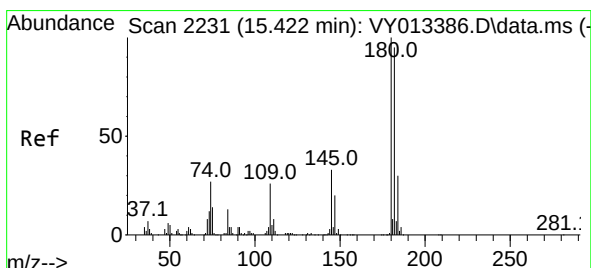
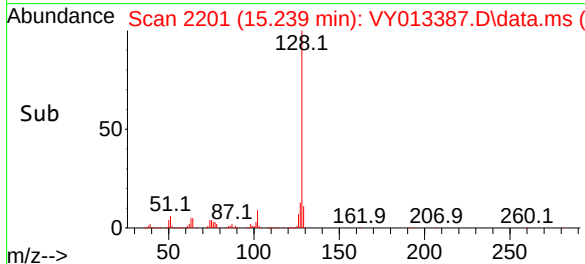
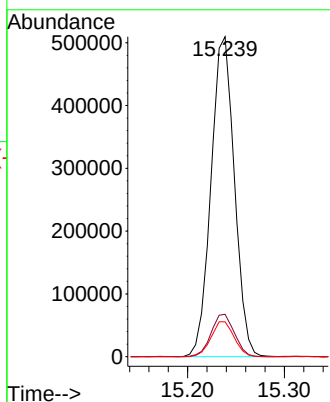
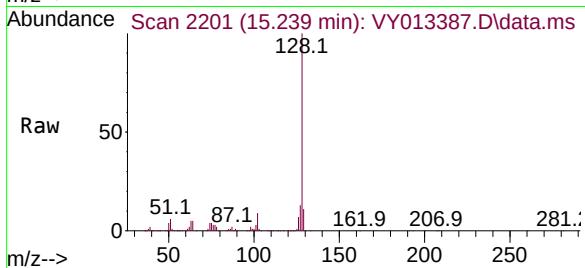
Tgt Ion:128 Resp: 854858

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 100.748 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013387.D

Acq: 21 Apr 2023 17:57

Tgt Ion:180 Resp: 356832

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 31.3 15.9 47.7

