

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012912.D
 Acq On : 10 Mar 2023 11:46
 Operator : KP/MD
 Sample : 01829-11MS
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 05:46:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	41307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	71712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	39970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34344	83.740	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.480%#	
35) Dibromofluoromethane	7.716	113	28982	66.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.940%	
50) Toluene-d8	10.179	98	57279	36.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 72.400%	
62) 4-Bromofluorobenzene	12.483	95	12324	23.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 46.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	23788	58.427	ug/l	98
3) Chloromethane	2.113	50	38300	78.687	ug/l	99
4) Vinyl Chloride	2.253	62	32553	72.934	ug/l	99
5) Bromomethane	2.650	94	23208	85.573	ug/l	92
6) Chloroethane	2.796	64	21844	81.719	ug/l	96
7) Trichlorofluoromethane	3.125	101	39498	53.281	ug/l	99
8) Diethyl Ether	3.527	74	27441	105.632	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	18200	40.807	ug/l	99
10) Methyl Iodide	4.094	142	45726	78.685	ug/l	97
11) Tert butyl alcohol	4.948	59	28064	625.270	ug/l	99
12) 1,1-Dichloroethene	3.875	96	25020	58.820	ug/l	98
13) Acrolein	3.735	56	6672	92.855	ug/l	99
14) Allyl chloride	4.479	41	54358	69.181	ug/l	96
15) Acrylonitrile	5.161	53	80944	591.358	ug/l	99
16) Acetone	3.948	43	80235	498.425	ug/l	96
17) Carbon Disulfide	4.198	76	73756	50.941	ug/l	100
18) Methyl Acetate	4.472	43	150991	314.968	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	121196	110.307	ug/l	99
20) Methylene Chloride	4.722	84	46070	99.057	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	30852	66.743	ug/l	97
22) Diisopropyl ether	6.119	45	124736	87.403	ug/l	96
23) Vinyl Acetate	6.070	43	32074	36.171	ug/l	99
24) 1,1-Dichloroethane	6.015	63	60516	74.415	ug/l	98
25) 2-Butanone	6.984	43	85184	427.237	ug/l	98
26) 2,2-Dichloropropane	6.984	77	43695	60.496	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	37208	75.078	ug/l	95
28) Bromochloromethane	7.332	49	25524	85.885	ug/l	97
29) Tetrahydrofuran	7.344	42	72300	601.235	ug/l	96
30) Chloroform	7.508	83	60465	75.274	ug/l	99
31) Cyclohexane	7.783	56	20035	25.507	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	37773	51.999	ug/l	98
36) 1,1-Dichloropropene	7.917	75	26631	36.720	ug/l	99
37) Ethyl Acetate	7.076	43	14264	31.205	ug/l	99
38) Carbon Tetrachloride	7.899	117	27792	37.109	ug/l	98
39) Methylcyclohexane	9.179	83	14801	17.166	ug/l	92
40) Benzene	8.161	78	112472	54.824	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	65451	265.760	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	48962	79.383	ug/l	99
43) Isopropyl Acetate	8.277	43	21213	26.011	ug/l #	64
44) Trichloroethene	8.941	130	22370	41.358	ug/l	98
45) 1,2-Dichloropropane	9.216	63	30804	59.413	ug/l	98
46) Dibromomethane	9.301	93	22086	74.772	ug/l	95
47) Bromodichloromethane	9.496	83	43493	62.484	ug/l	99
48) Methyl methacrylate	9.295	41	40262	107.142	ug/l	98
49) 1,4-Dioxane	9.295	88	8230	2155.315	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	156167	353.015	ug/l	100
52) Toluene	10.246	92	47108	38.075	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	44044	60.326	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	49225	59.567	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	27708	67.358	ug/l	95
56) Ethyl methacrylate	10.508	69	18601	33.913	ug/l	98
57) 1,3-Dichloropropane	10.788	76	46628	66.551	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	123502	428.919	ug/l	99
59) 2-Hexanone	10.831	43	89951	279.773	ug/l	100
60) Dibromochloromethane	10.983	129	27803	55.525	ug/l	100
61) 1,2-Dibromoethane	11.087	107	25772	65.039	ug/l	98
64) Tetrachloroethene	10.721	164	9696	33.318	ug/l	93
65) Chlorobenzene	11.520	112	41153	49.058	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	19768	63.684	ug/l	98
67) Ethyl Benzene	11.593	91	51813	35.131	ug/l	99
68) m/p-Xylenes	11.703	106	38315	67.530	ug/l	98
69) o-Xylene	12.032	106	18564	35.058	ug/l	100
70) Styrene	12.044	104	35361	40.016	ug/l	99
71) Bromoform	12.209	173	15562	76.892	ug/l #	99
73) Isopropylbenzene	12.331	105	31505	47.121	ug/l	100
74) N-amyl acetate	12.142	43	4815	22.889	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	25577	170.178	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34758	308.529	ug/l #	100
77) Bromobenzene	12.611	156	13248	81.565	ug/l	80
78) n-propylbenzene	12.672	91	32780	39.767	ug/l	99
79) 2-Chlorotoluene	12.758	91	23826	52.007	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	20766	37.636	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10229	188.136	ug/l	99
82) 4-Chlorotoluene	12.855	91	24756	52.201	ug/l	99
83) tert-Butylbenzene	13.075	119	16580	34.814	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	20119	37.289	ug/l	100
85) sec-Butylbenzene	13.251	105	18798	25.873	ug/l	100
86) p-Isopropyltoluene	13.367	119	14275	24.040	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	13739	43.858	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	14671	45.888	ug/l	98
89) n-Butylbenzene	13.696	91	10639	18.716	ug/l	97
90) Hexachloroethane	13.965	117	3542	28.640	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	13920	49.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3469	142.817	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	3393	19.460	ug/l	96
94) Hexachlorobutadiene	15.111	225	1211	11.388	ug/l	96
95) Naphthalene	15.239	128	11893	34.039	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	3024	19.501	ug/l	95

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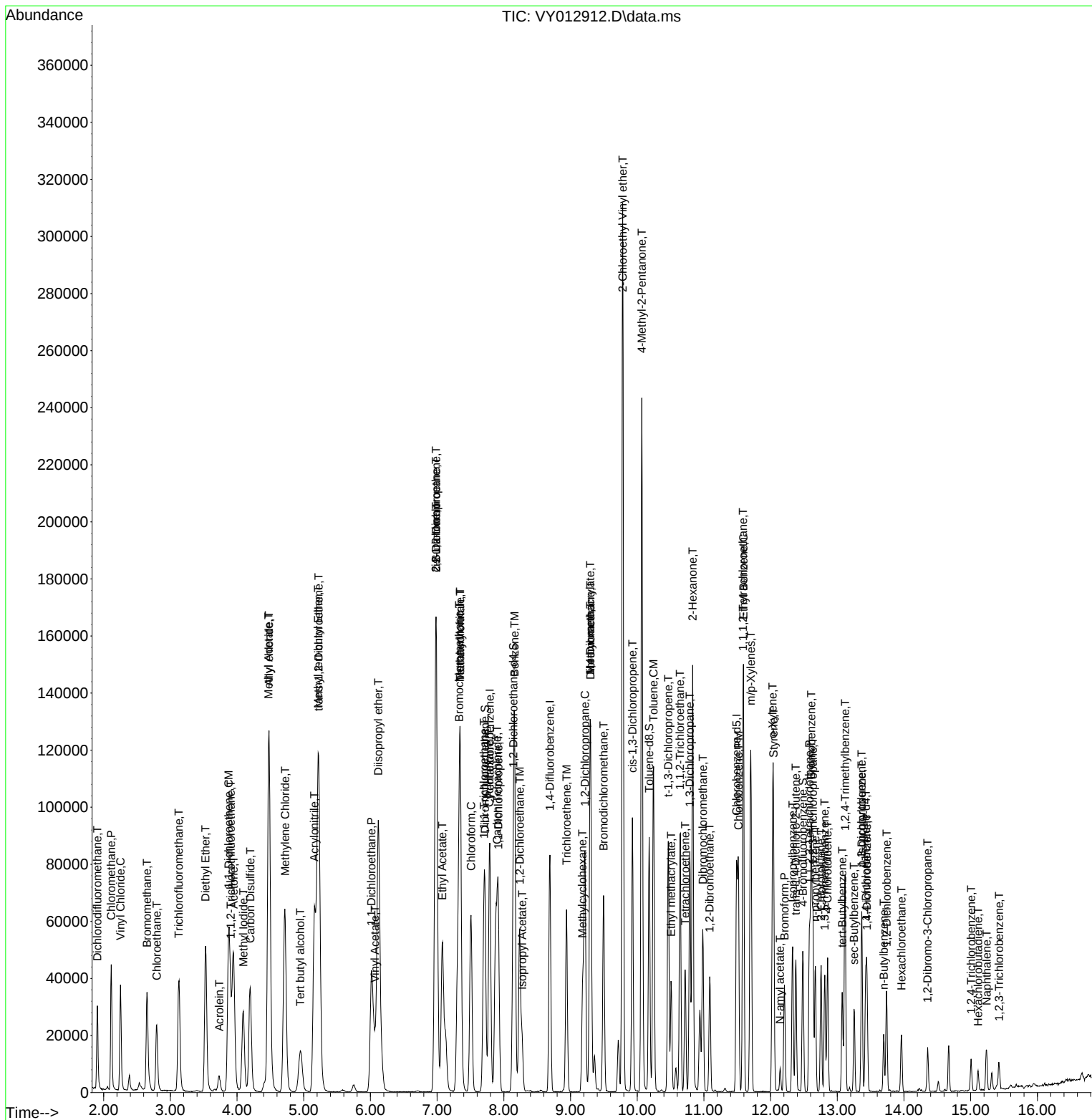
Instrument :
MSVOA_Y
ClientSampleId :

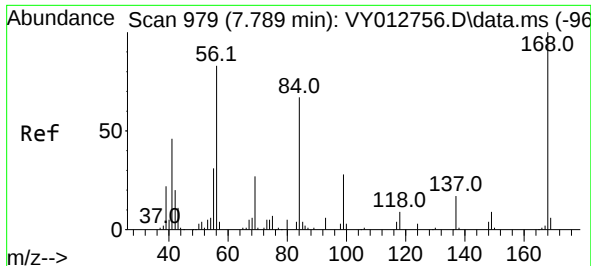
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

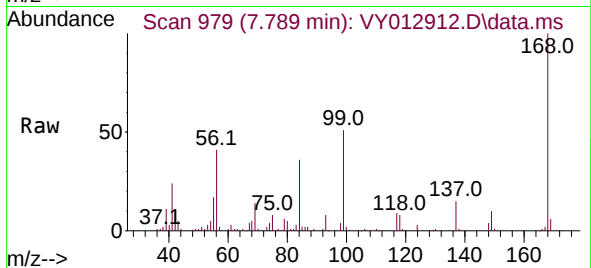
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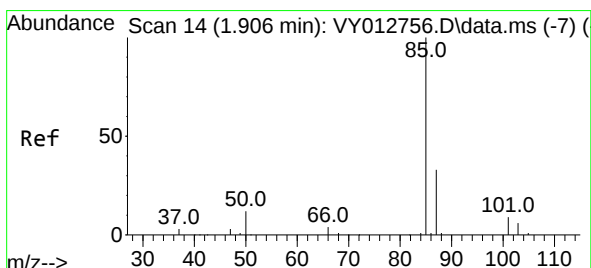
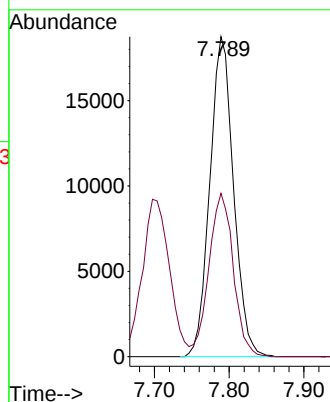
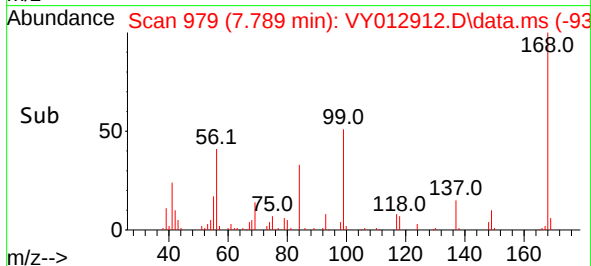


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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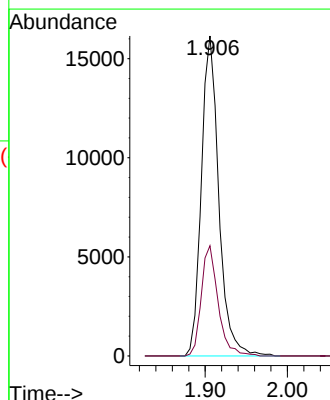
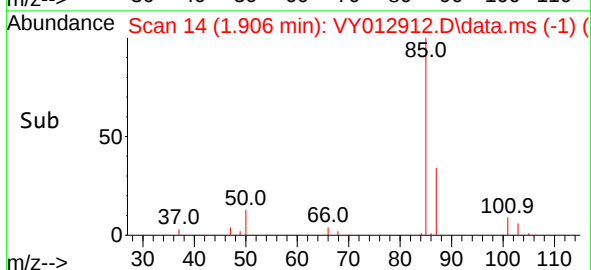
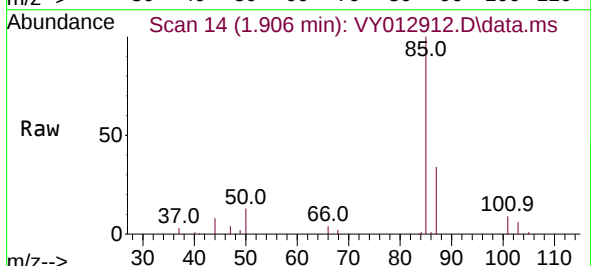


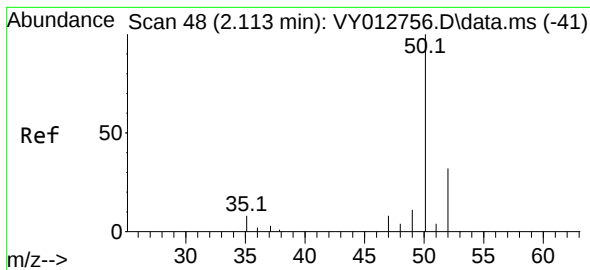
Tgt Ion:168 Resp: 41307
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 58.427 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 85 Resp: 23788
Ion Ratio Lower Upper
85 100
87 34.4 16.7 50.0





#3

Chloromethane

Concen: 78.687 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

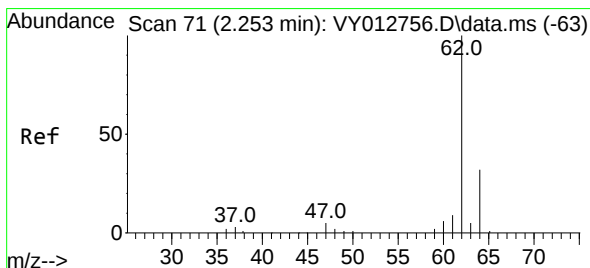
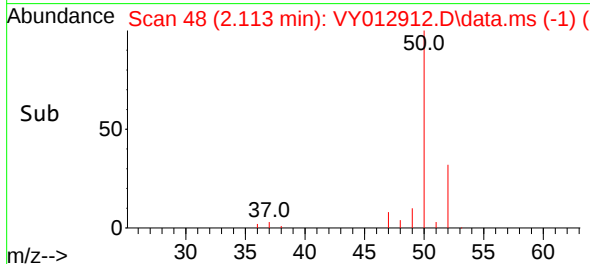
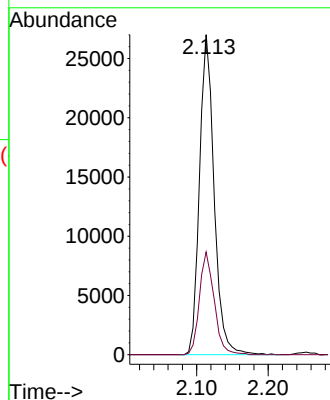
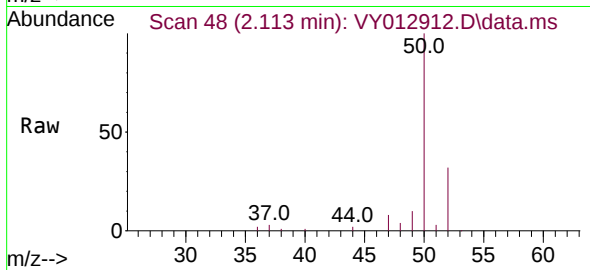
ClientSampleId :

Tgt Ion: 50 Resp: 38300

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



#4

Vinyl Chloride

Concen: 72.934 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012912.D

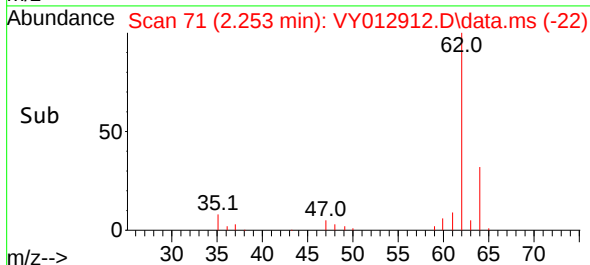
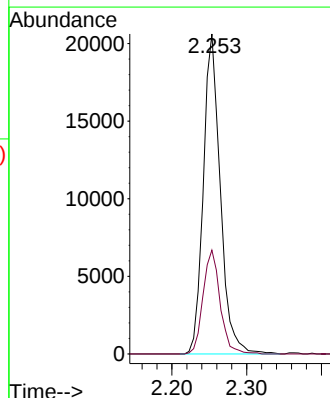
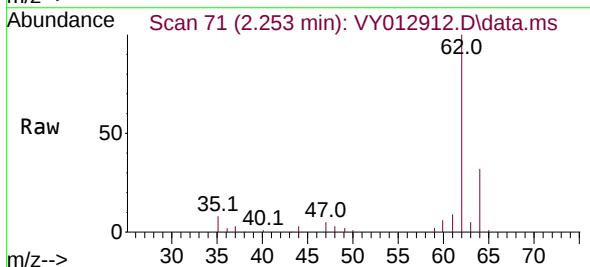
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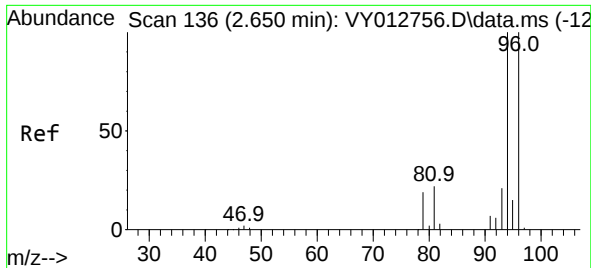
Tgt Ion: 62 Resp: 32553

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4

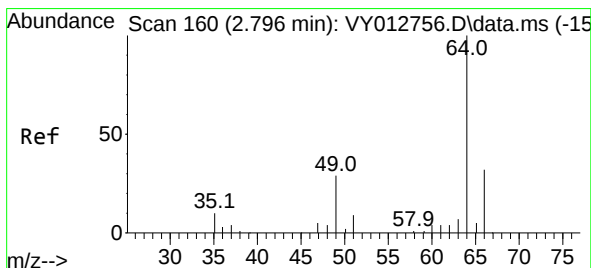
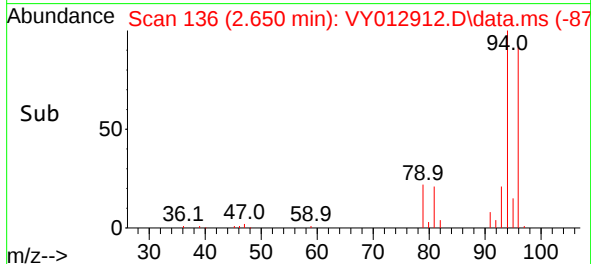
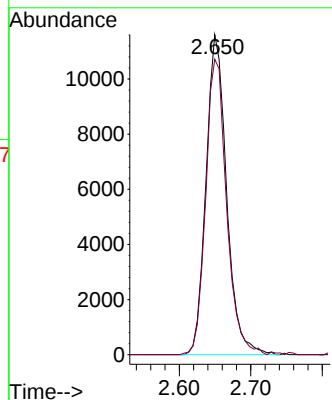
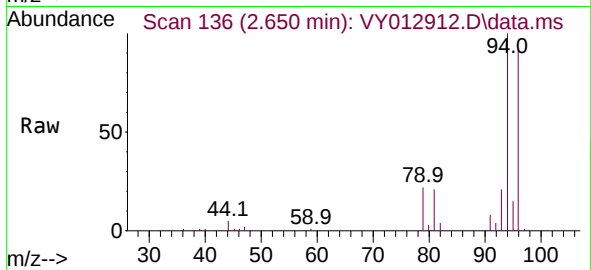




#5
Bromomethane
Concen: 85.573 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

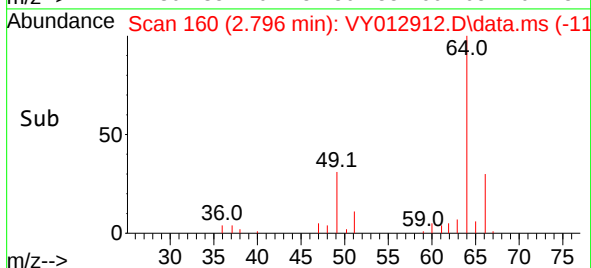
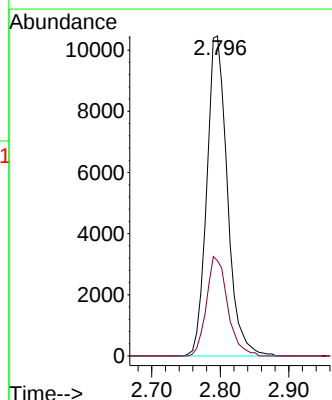
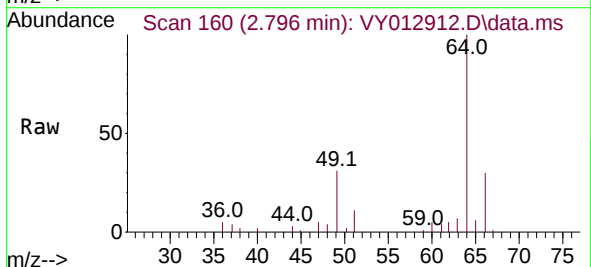
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 23208
Ion Ratio Lower Upper
94 100
96 92.3 80.3 120.5



#6
Chloroethane
Concen: 81.719 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 64 Resp: 21844
Ion Ratio Lower Upper
64 100
66 29.7 25.7 38.5

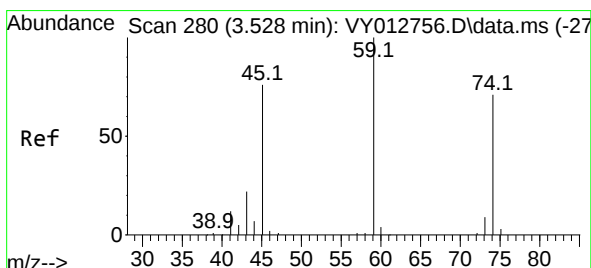
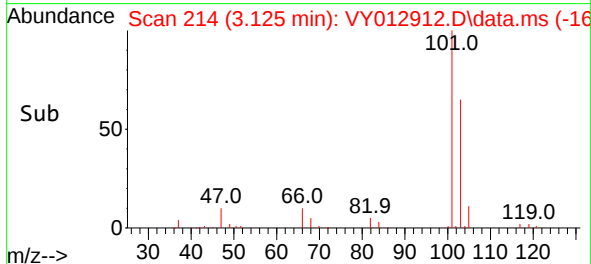
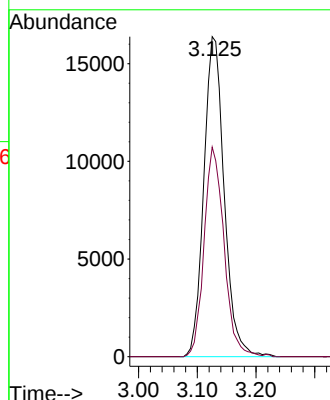
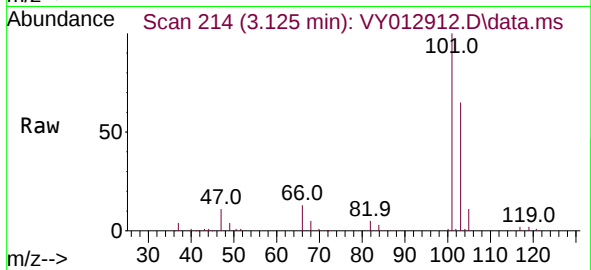




#7
 Trichlorofluoromethane
 Concen: 53.281 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

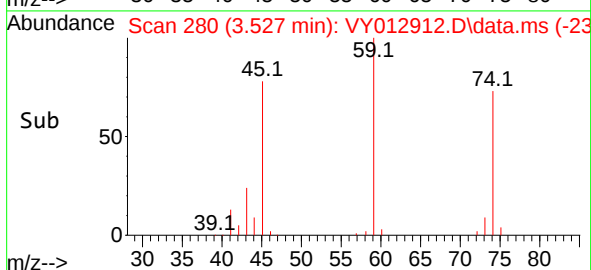
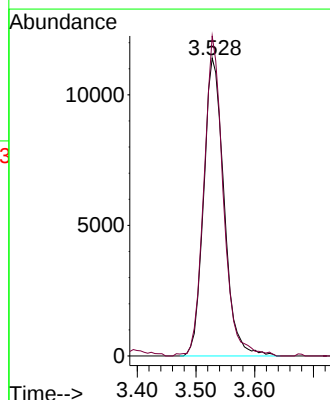
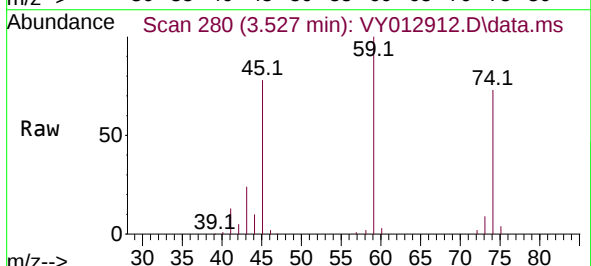
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 39498
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 105.632 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

Tgt Ion: 74 Resp: 27441
 Ion Ratio Lower Upper
 74 100
 45 102.4 52.1 156.4

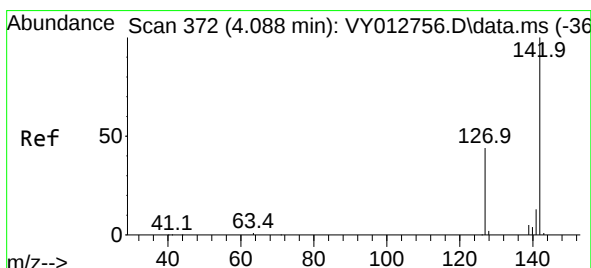
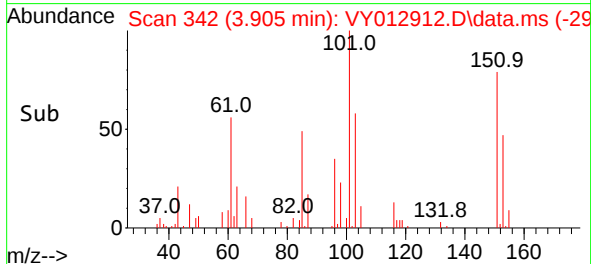
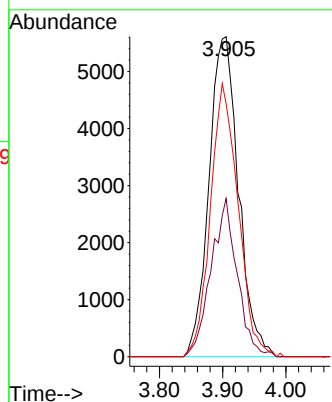
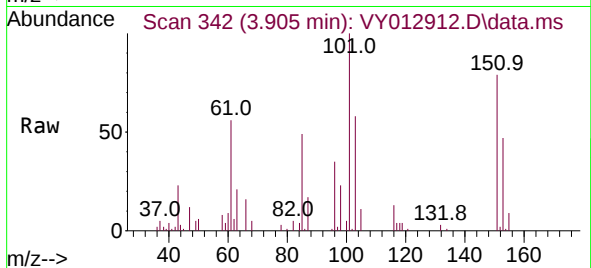




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.807 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

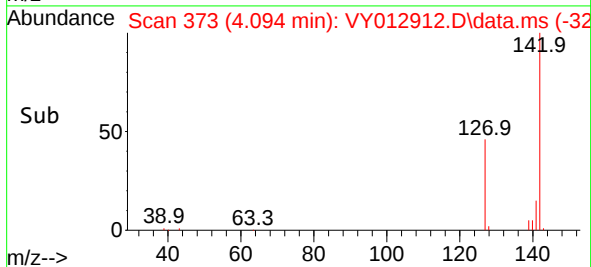
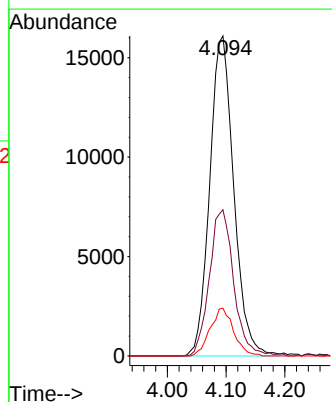
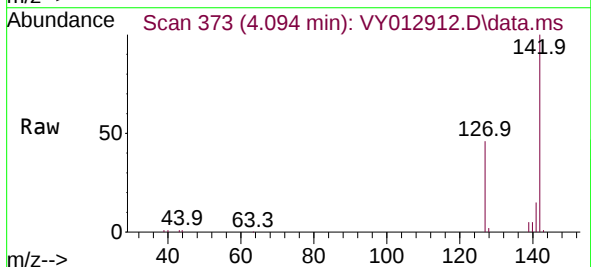
Instrument :
MSVOA_Y
ClientSampleId :

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Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 80.1 63.1 94.7



#10
Methyl Iodide
Concen: 78.685 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion:142 Resp: 45726
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.2
141 14.6 11.3 16.9

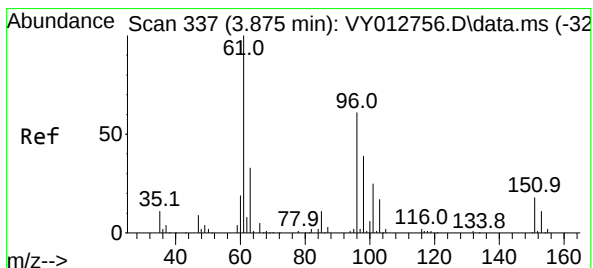
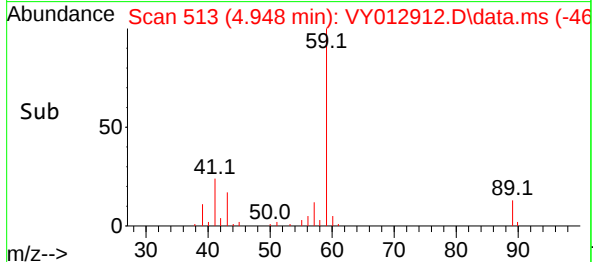
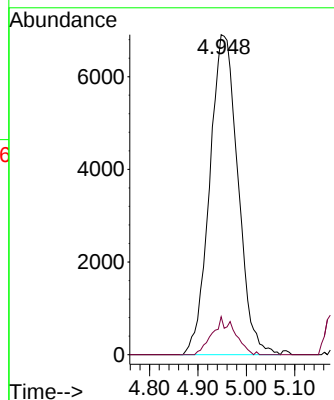
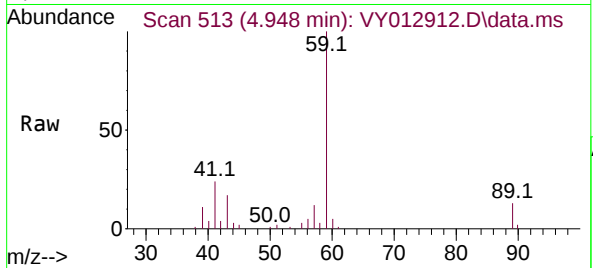




#11
Tert butyl alcohol
Concen: 625.270 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

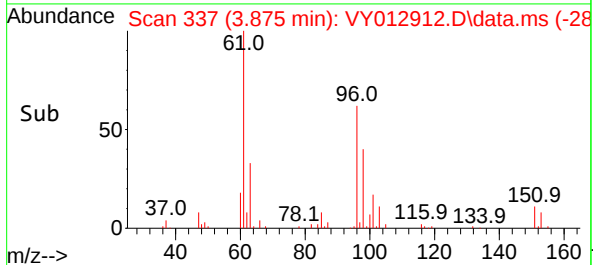
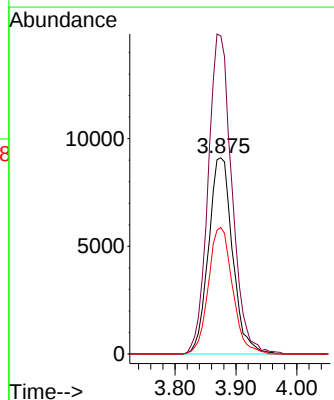
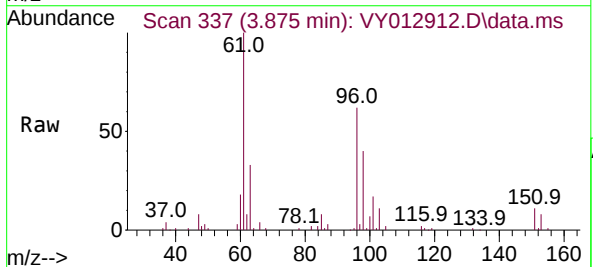
Instrument :
MSVOA_Y
ClientSampleId :

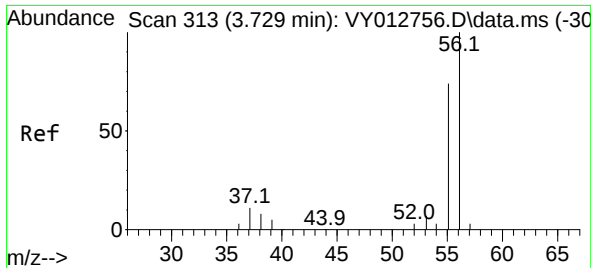
Tgt Ion: 59 Resp: 28064
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 58.820 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 96 Resp: 25020
Ion Ratio Lower Upper
96 100
61 162.0 131.7 197.5
98 64.5 52.0 78.0





#13

Acrolein

Concen: 92.855 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

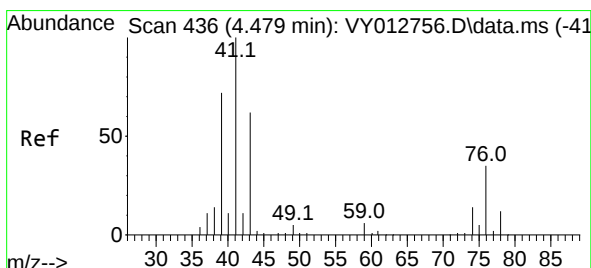
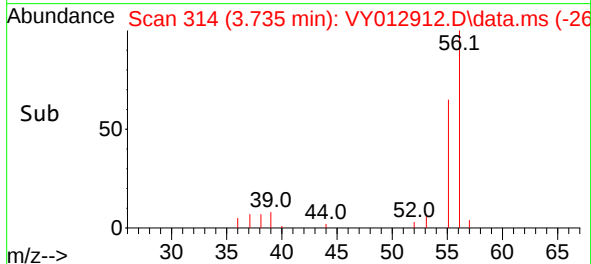
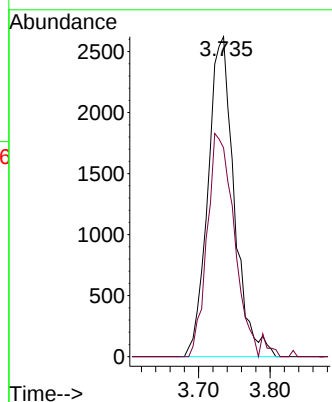
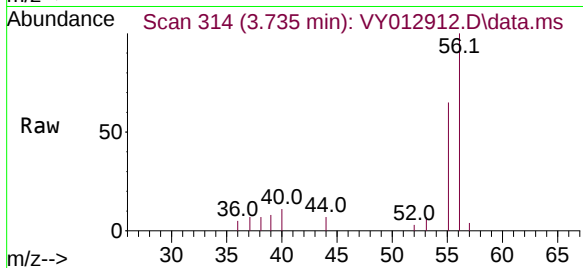
ClientSampleId :

Tgt Ion: 56 Resp: 6672

Ion Ratio Lower Upper

56 100

55 71.5 56.8 85.2



#14

Allyl chloride

Concen: 69.181 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

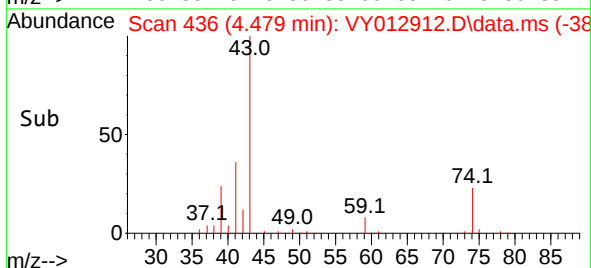
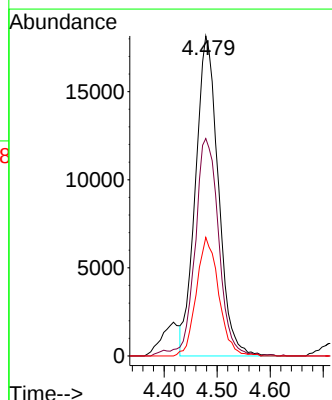
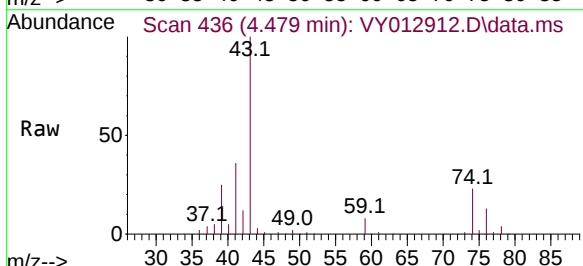
Tgt Ion: 41 Resp: 54358

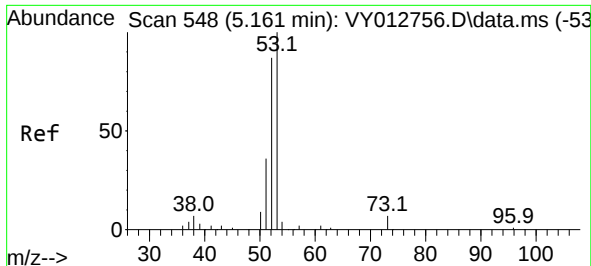
Ion Ratio Lower Upper

41 100

39 70.5 53.6 80.4

76 36.2 27.2 40.8

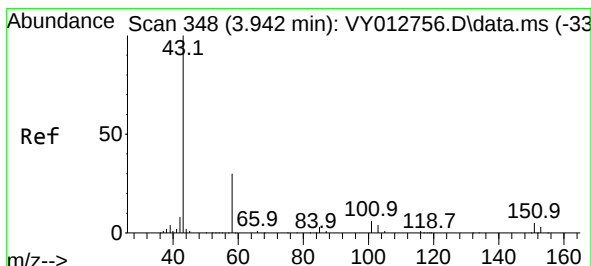
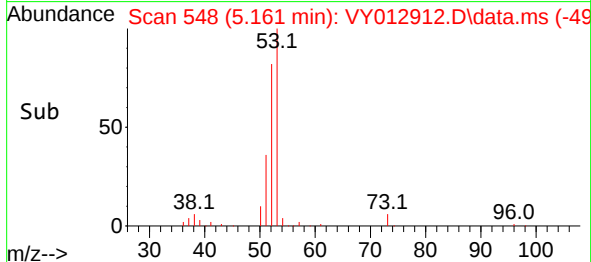
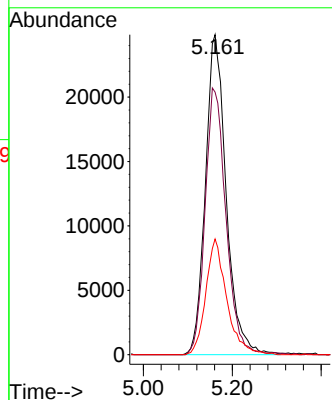
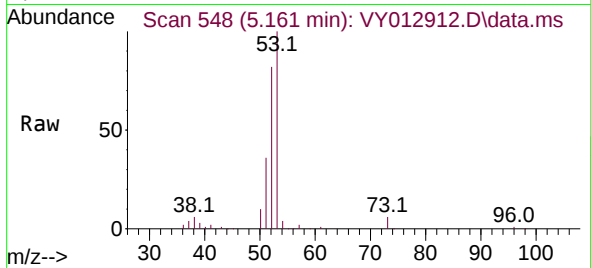




#15
Acrylonitrile
Concen: 591.358 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

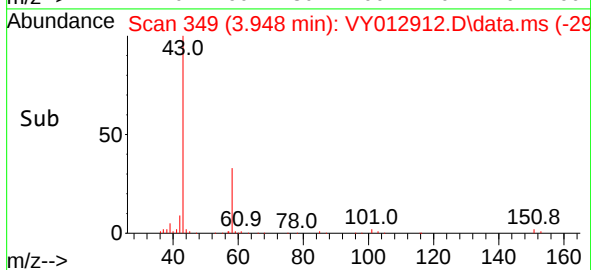
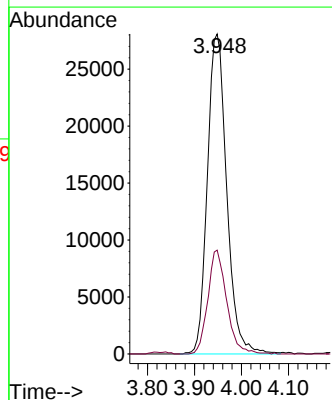
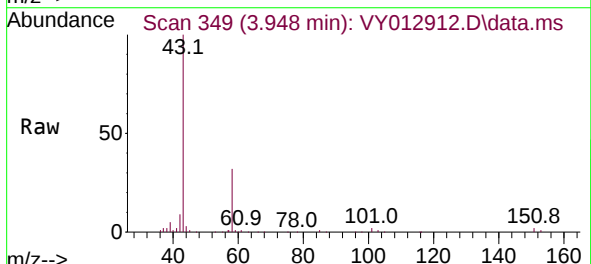
Instrument :
MSVOA_Y
ClientSampleId :

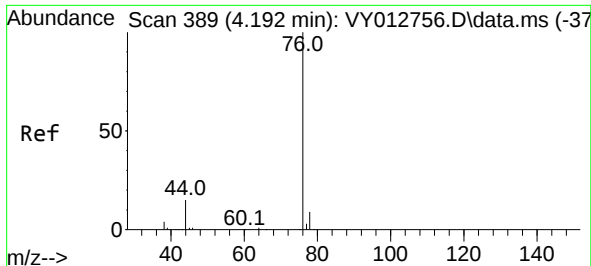
Tgt Ion: 53 Resp: 80944
Ion Ratio Lower Upper
53 100
52 83.6 66.3 99.5
51 36.4 28.8 43.2



#16
Acetone
Concen: 498.425 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 43 Resp: 80235
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.2

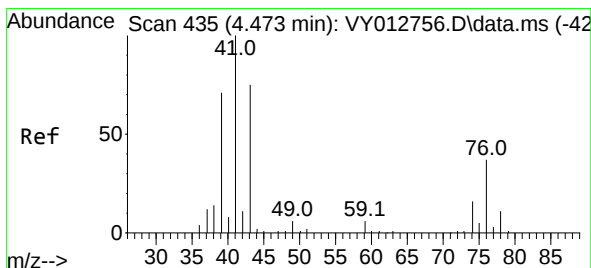
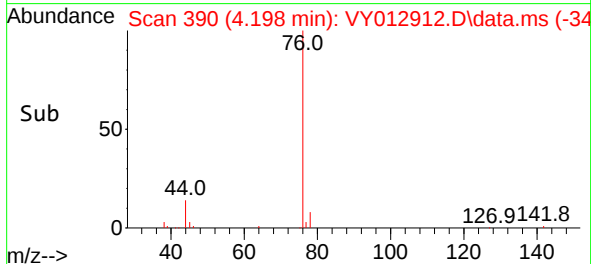
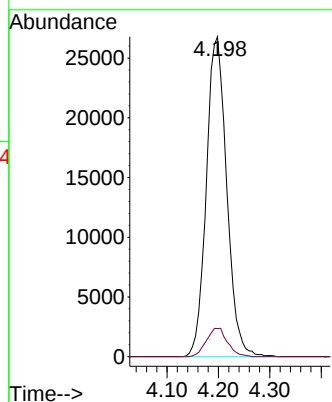
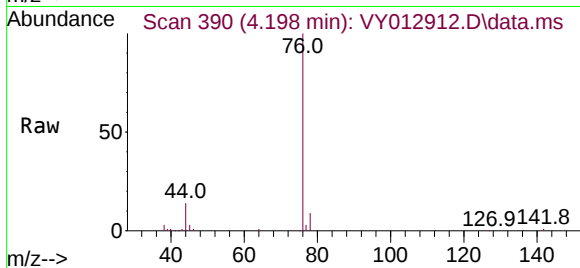




#17
Carbon Disulfide
Concen: 50.941 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

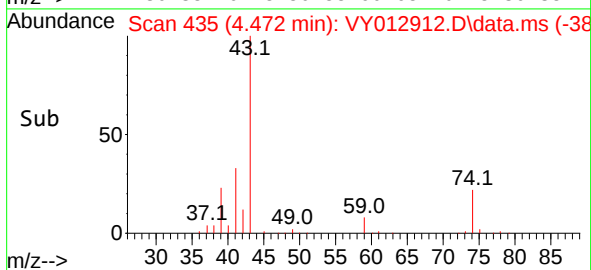
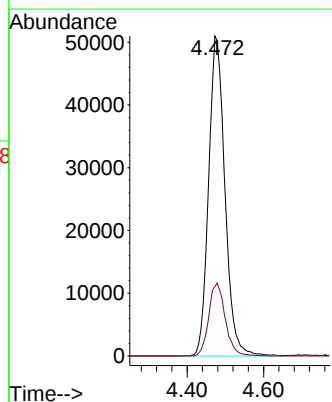
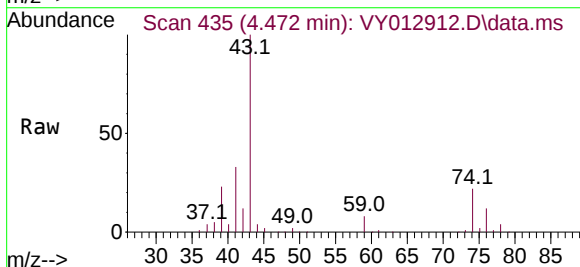
Instrument :
MSVOA_Y
ClientSampleId :

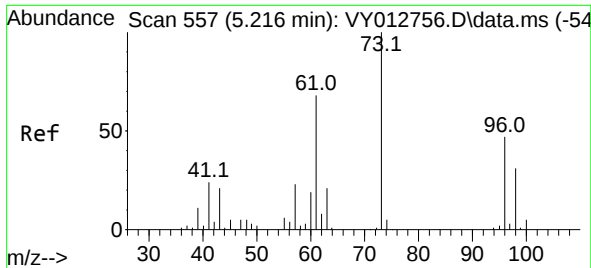
Tgt Ion: 76 Resp: 73756
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 314.968 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 43 Resp: 150991
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.0

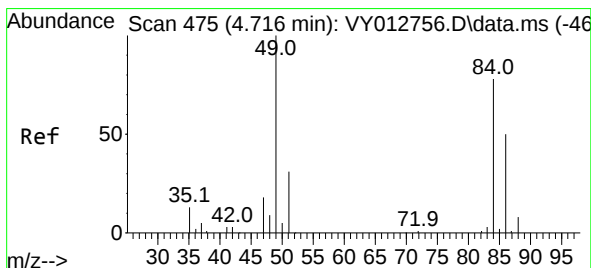
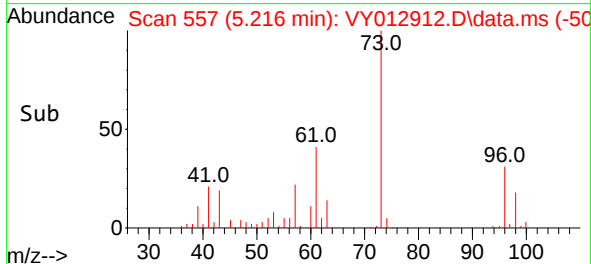
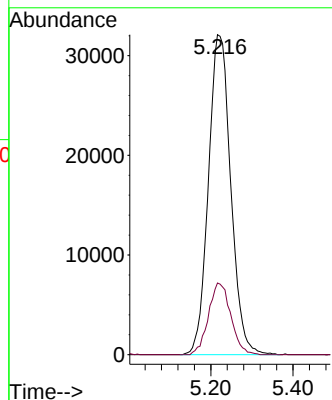
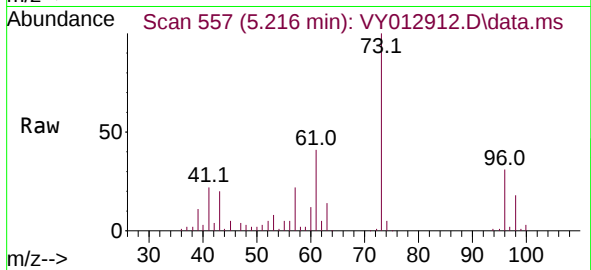




#19
Methyl tert-butyl Ether
Concen: 110.307 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

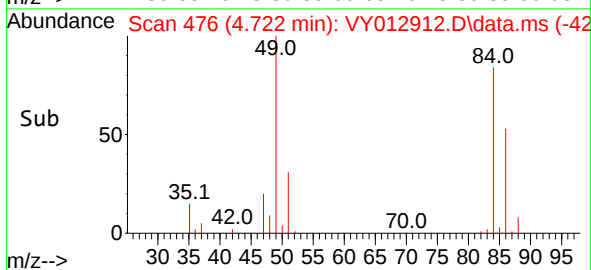
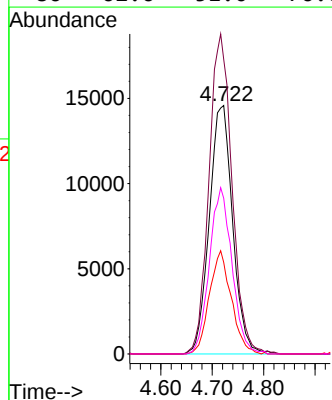
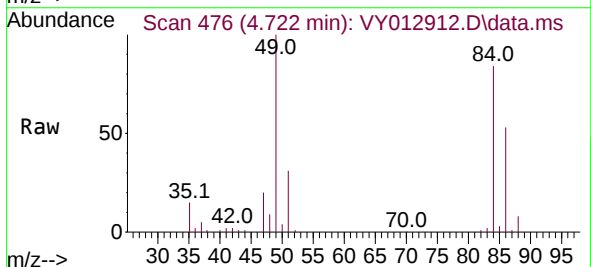
Instrument :
MSVOA_Y
ClientSampleId :

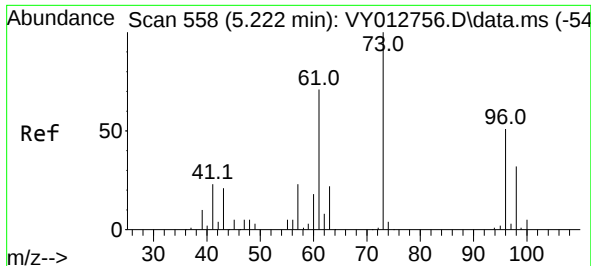
Tgt Ion: 73 Resp: 121196
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5



#20
Methylene Chloride
Concen: 99.057 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 84 Resp: 46070
Ion Ratio Lower Upper
84 100
49 118.5 102.6 154.0
51 36.9 31.9 47.9
86 62.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 66.743 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

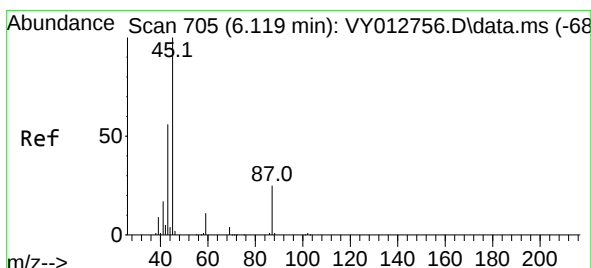
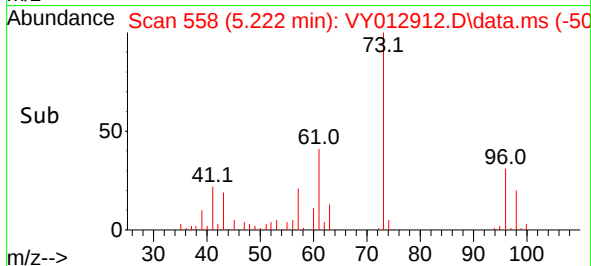
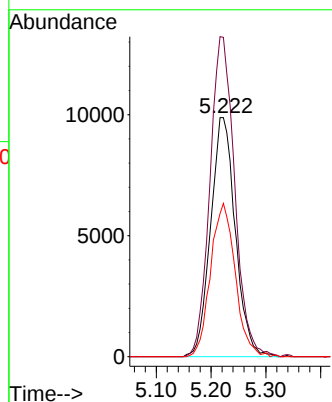
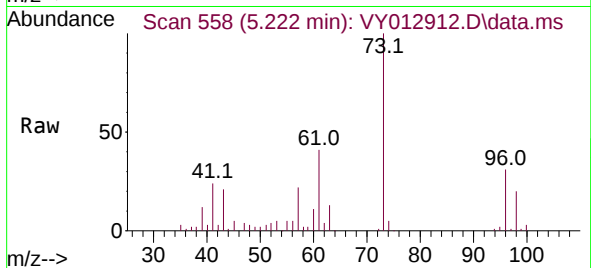
Tgt Ion: 96 Resp: 30852

Ion Ratio Lower Upper

96 100

61 133.6 111.4 167.0

98 64.1 50.8 76.2



#22

Diisopropyl ether

Concen: 87.403 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Tgt Ion: 45 Resp: 124736

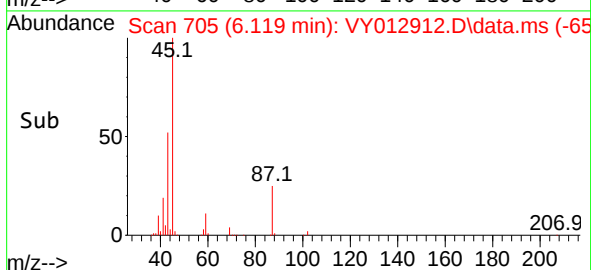
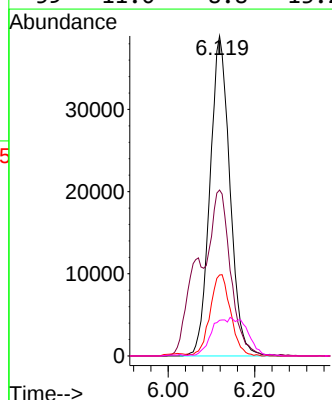
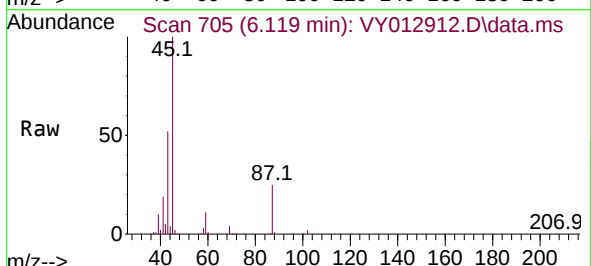
Ion Ratio Lower Upper

45 100

43 51.4 45.0 67.6

87 25.3 20.3 30.5

59 11.0 8.8 13.2

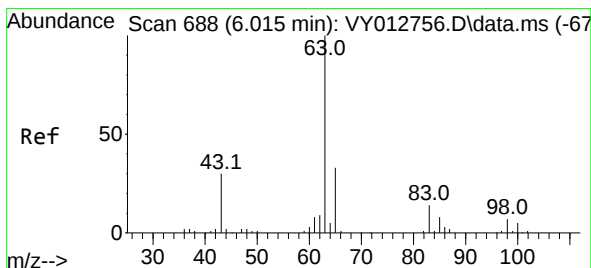
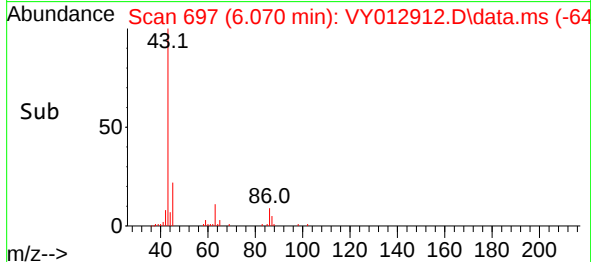
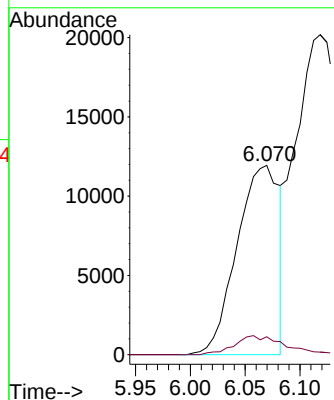
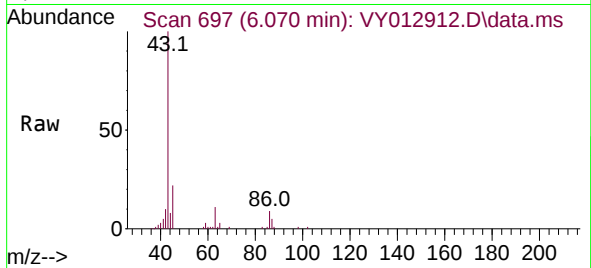




#23
 Vinyl Acetate
 Concen: 36.171 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

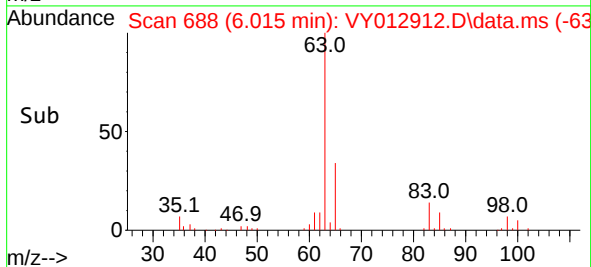
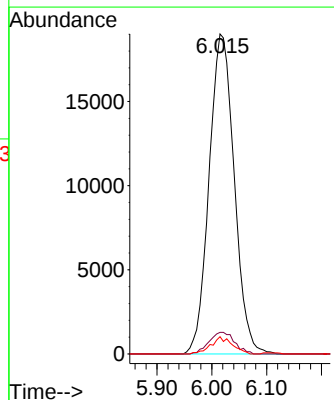
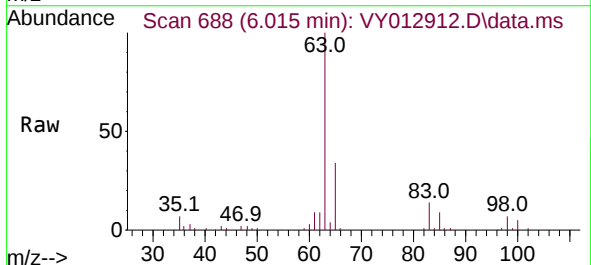
Instrument :
 MSVOA_Y
 ClientSampleId :

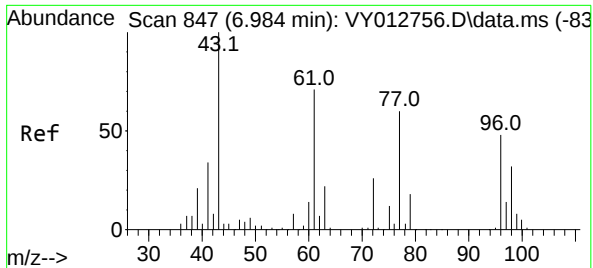
Tgt Ion: 43 Resp: 32074
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 74.415 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

Tgt Ion: 63 Resp: 60516
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 5.4 2.3 6.8

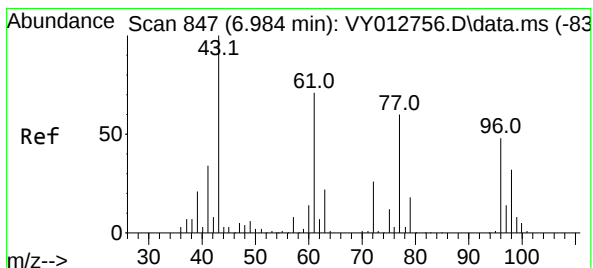
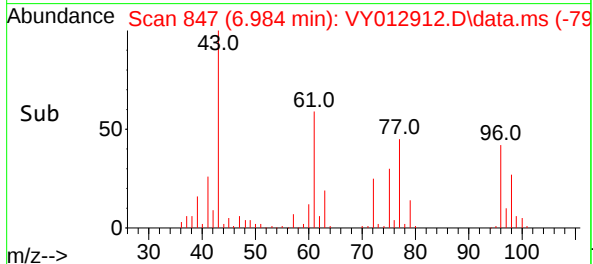
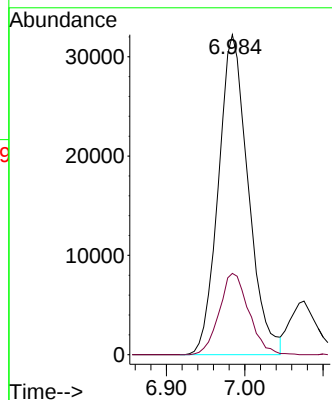
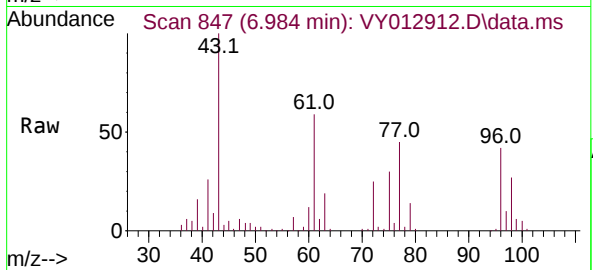




#25
2-Butanone
Concen: 427.237 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

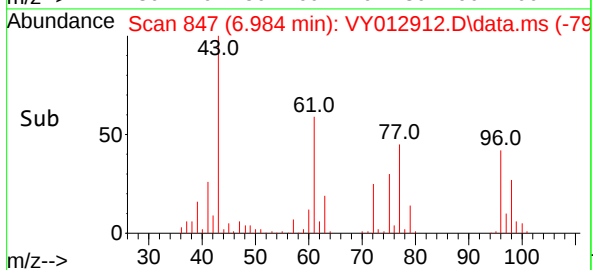
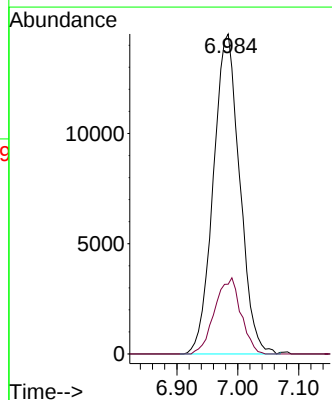
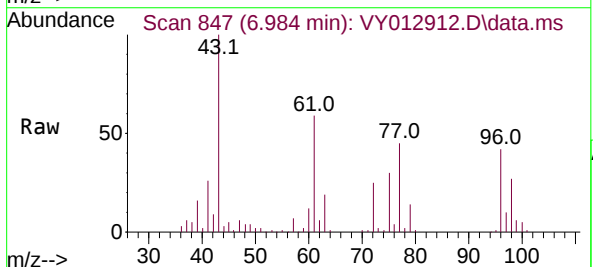
Instrument :
MSVOA_Y
ClientSampleId :

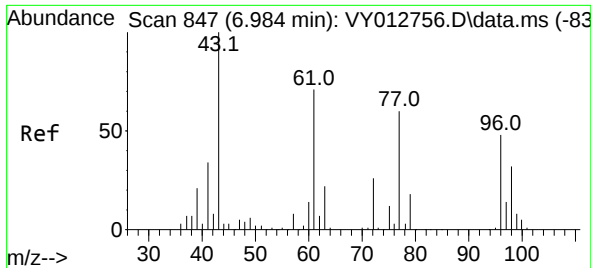
Tgt Ion: 43 Resp: 85184
Ion Ratio Lower Upper
43 100
72 25.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 60.496 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 77 Resp: 43695
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.0



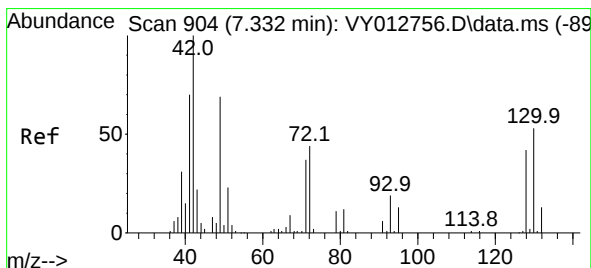
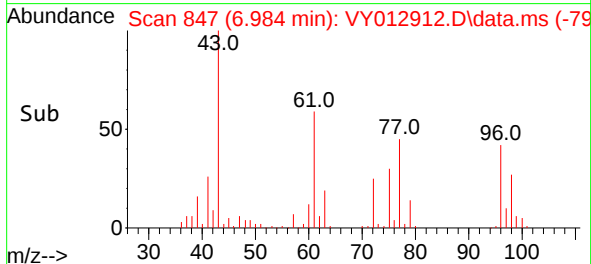
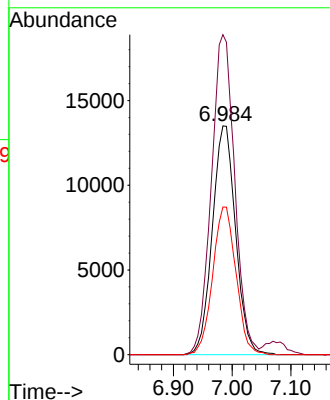
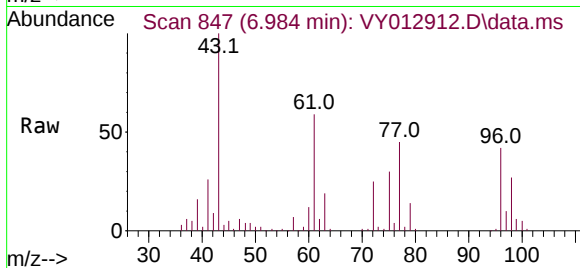


#27
 cis-1,2-Dichloroethene
 Concen: 75.078 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 37208

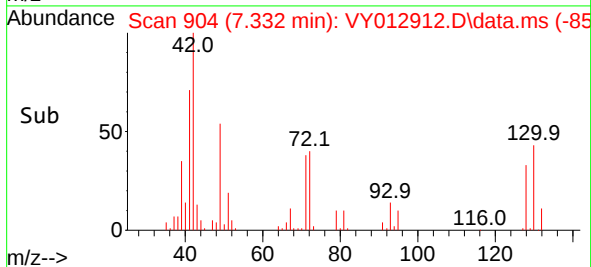
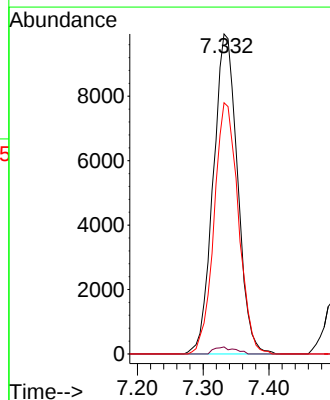
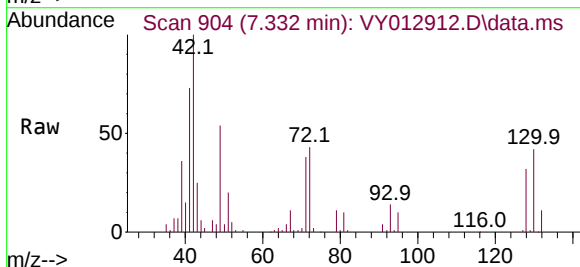
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	295.8
98	64.5	0.0	130.2



#28
 Bromochloromethane
 Concen: 85.885 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

Tgt Ion: 49 Resp: 25524

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	78.5	60.5	90.7





#29

Tetrahydrofuran

Concen: 601.235 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

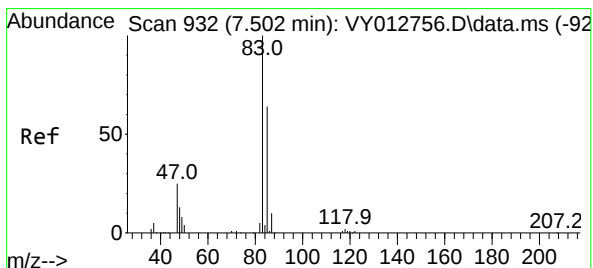
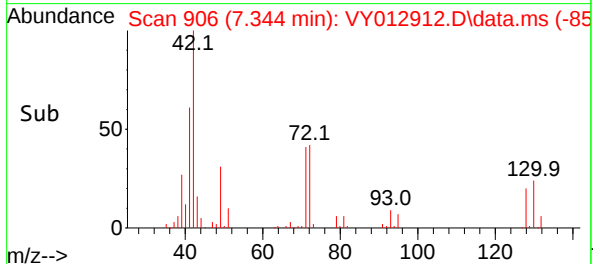
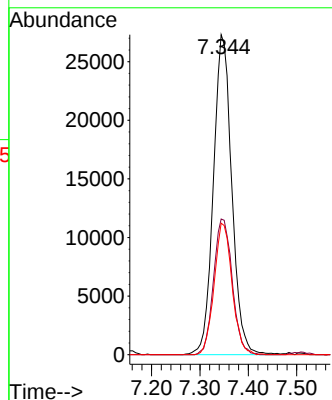
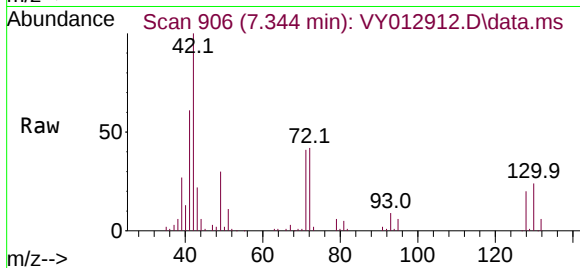
Tgt Ion: 42 Resp: 72300

Ion Ratio Lower Upper

42 100

72 42.9 32.3 48.5

71 40.1 30.3 45.5



#30

Chloroform

Concen: 75.274 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012912.D

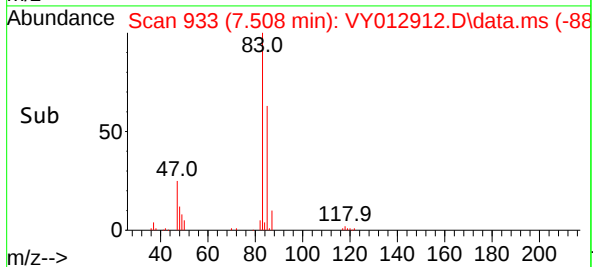
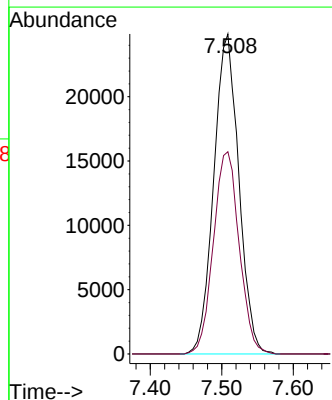
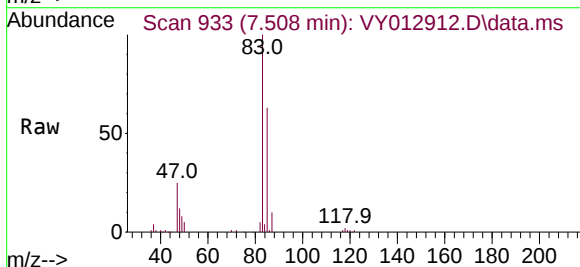
Acq: 10 Mar 2023 11:46

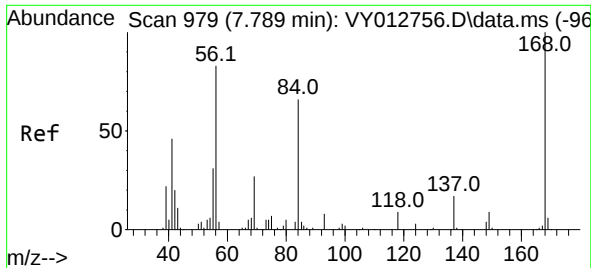
Tgt Ion: 83 Resp: 60465

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

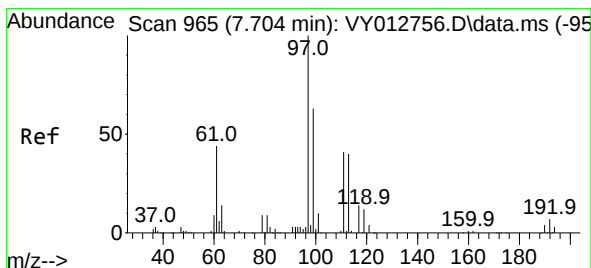
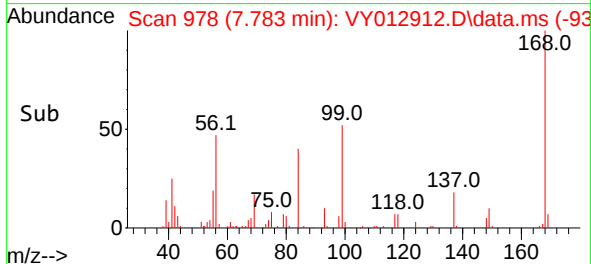
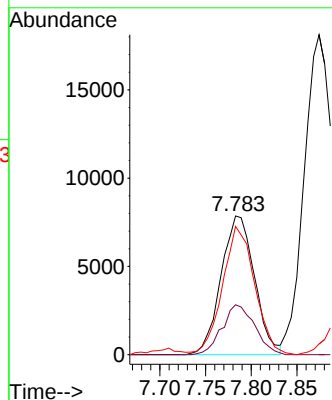
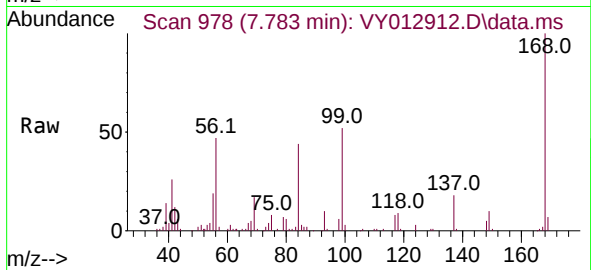




#31
Cyclohexane
Concen: 25.507 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

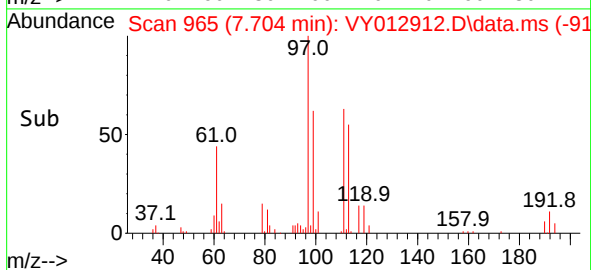
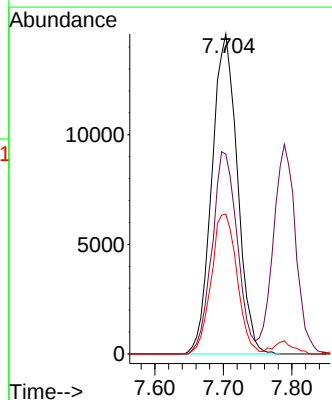
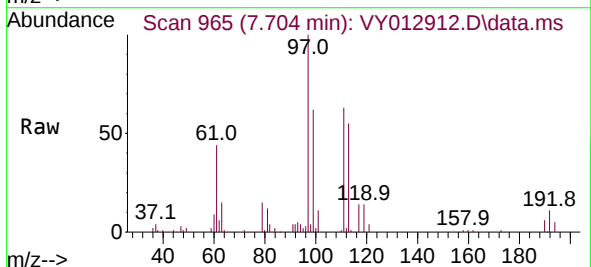
Instrument :
MSVOA_Y
ClientSampleId :

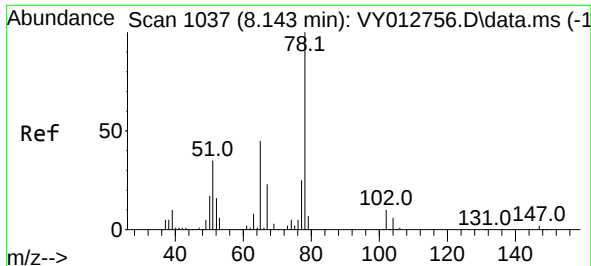
Tgt Ion: 56 Resp: 20035
Ion Ratio Lower Upper
56 100
69 36.0 25.7 38.5
84 90.3 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 51.999 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 97 Resp: 37773
Ion Ratio Lower Upper
97 100
99 62.4 51.0 76.6
61 44.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 83.740 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

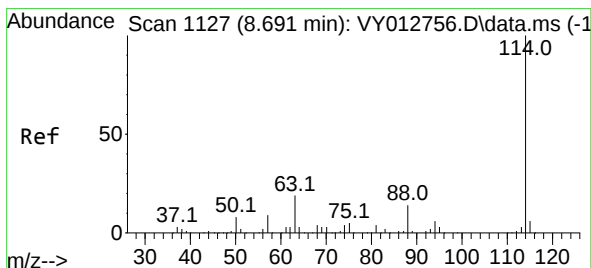
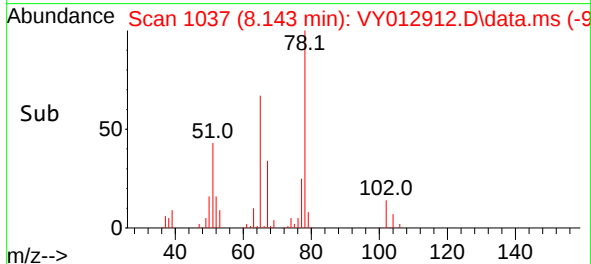
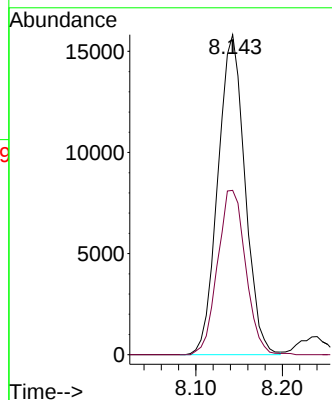
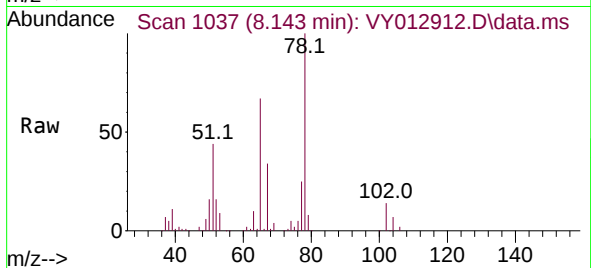
ClientSampleId :

Tgt Ion: 65 Resp: 34344

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

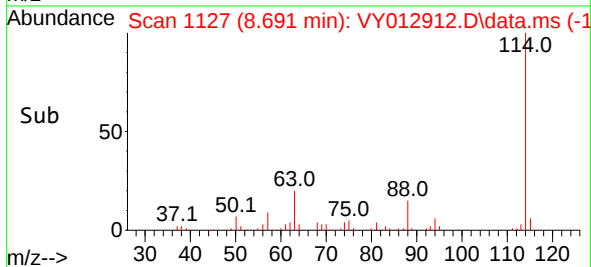
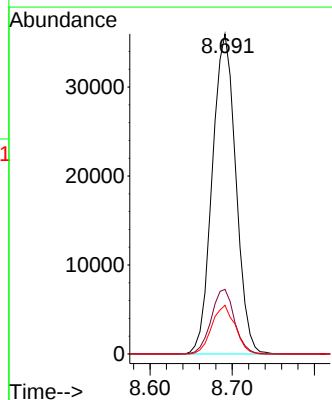
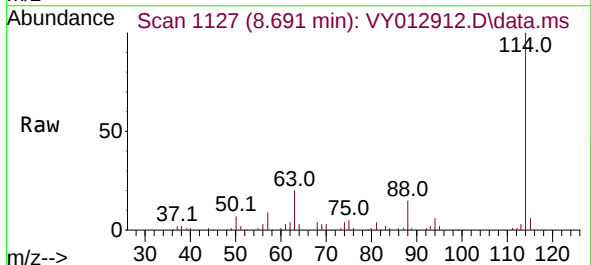
Tgt Ion: 114 Resp: 71712

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.2 0.0 28.6

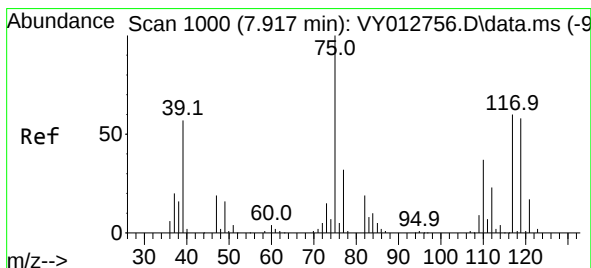
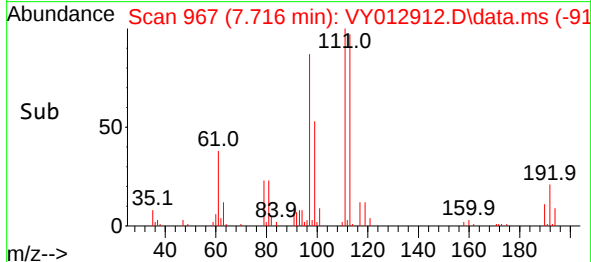
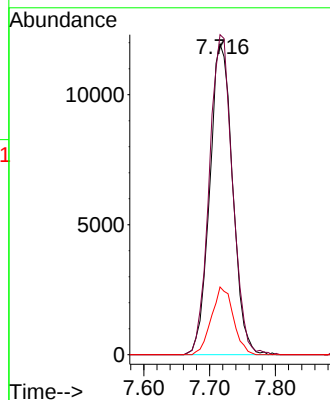
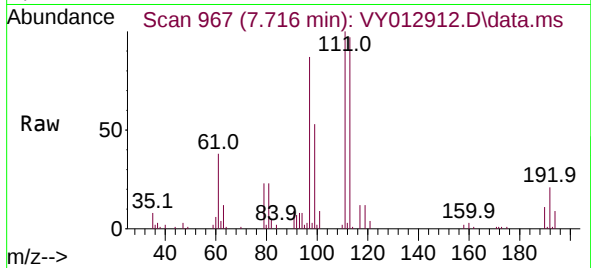




#35
Dibromofluoromethane
Concen: 66.967 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

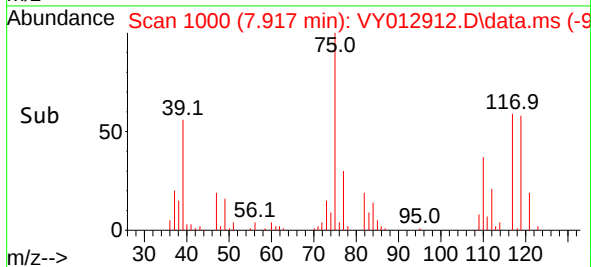
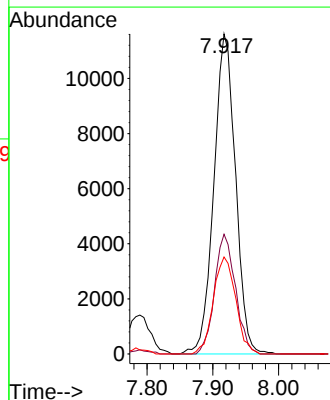
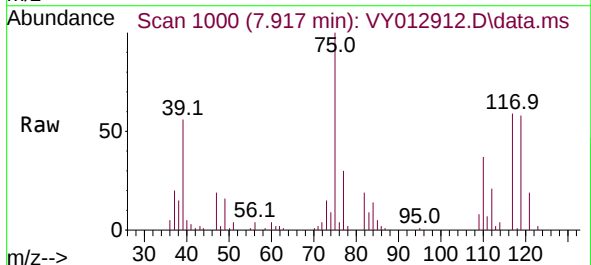
Instrument :
MSVOA_Y
ClientSampleId :

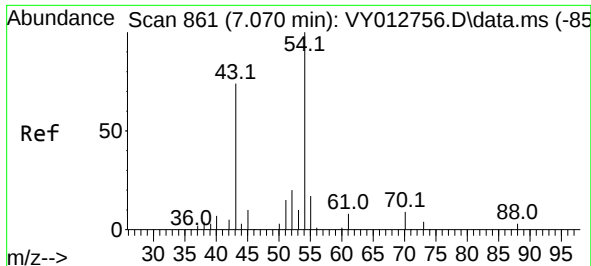
Tgt Ion:113 Resp: 28982
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 36.720 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 75 Resp: 26631
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.3
77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 31.205 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

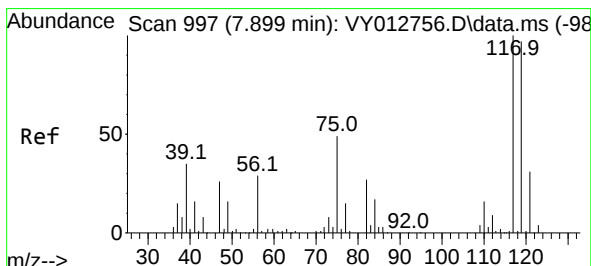
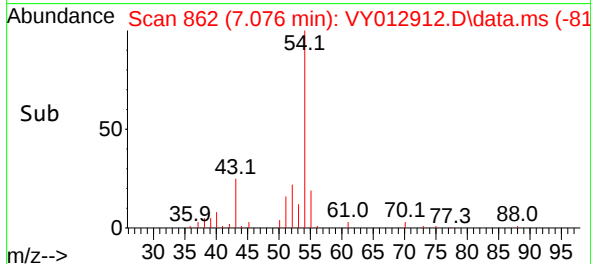
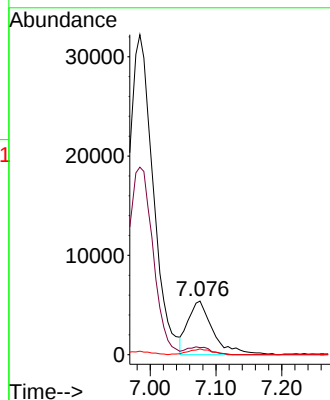
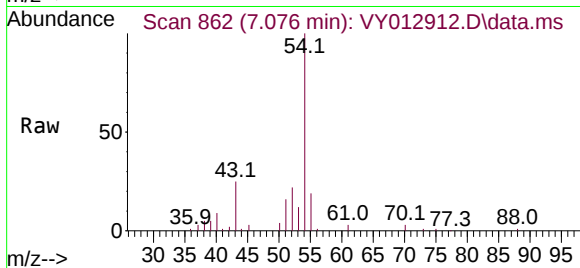
Tgt Ion: 43 Resp: 14264

Ion Ratio Lower Upper

43 100

61 14.1 10.7 16.1

70 10.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 37.109 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

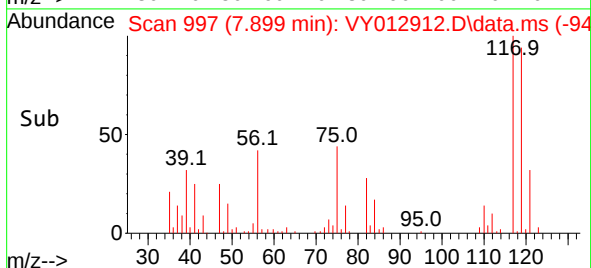
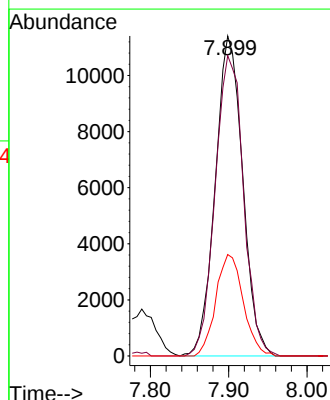
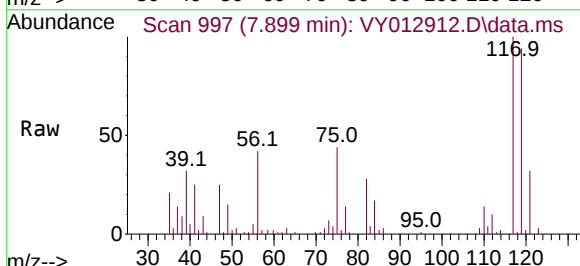
Tgt Ion: 117 Resp: 27792

Ion Ratio Lower Upper

117 100

119 93.9 77.2 115.8

121 31.7 24.7 37.1





#39

Methylcyclohexane

Concen: 17.166 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

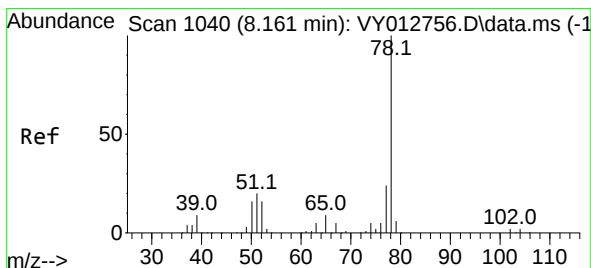
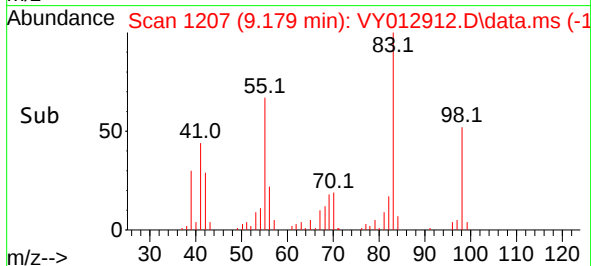
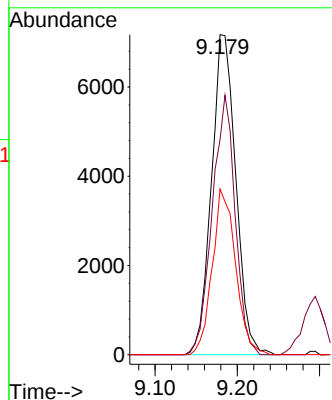
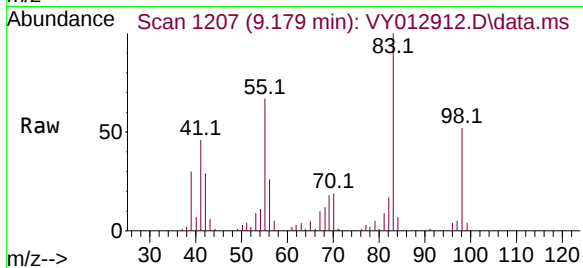
Tgt Ion: 83 Resp: 14801

Ion Ratio Lower Upper

83 100

55 67.2 60.0 90.0

98 51.8 38.3 57.5



#40

Benzene

Concen: 54.824 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012912.D

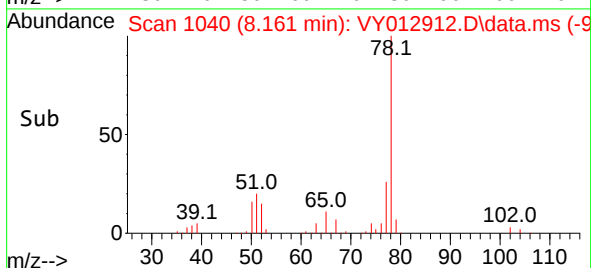
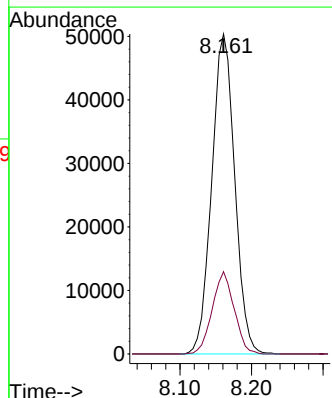
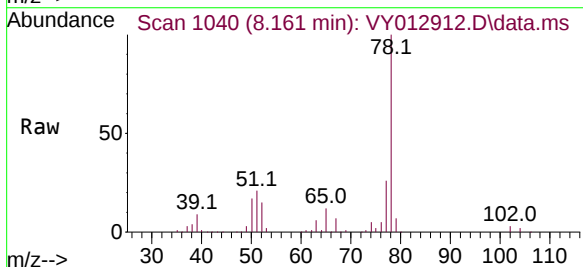
Acq: 10 Mar 2023 11:46

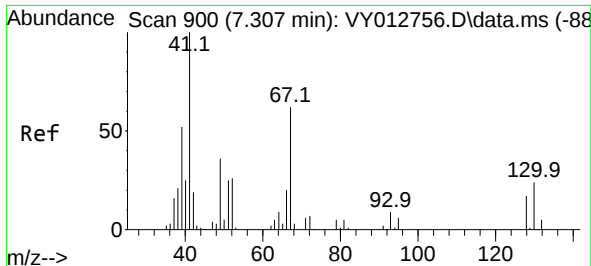
Tgt Ion: 78 Resp: 112472

Ion Ratio Lower Upper

78 100

77 25.7 19.4 29.0

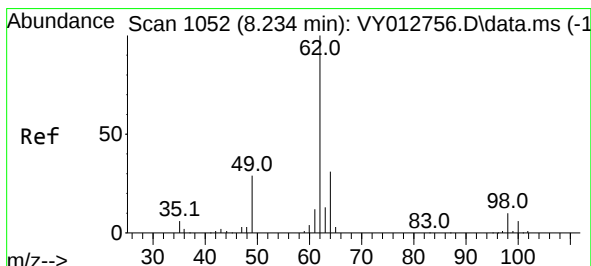
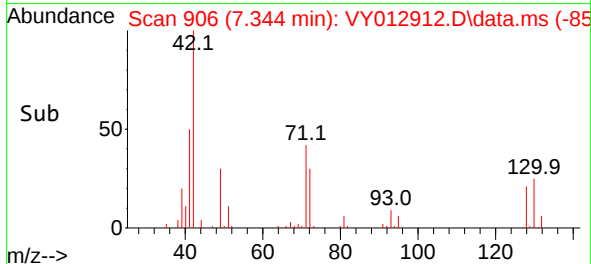
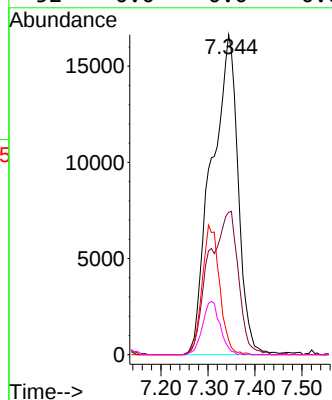
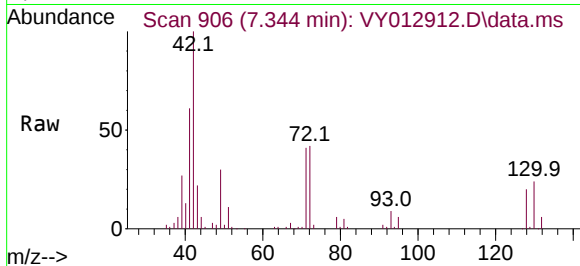




#41
Methacrylonitrile
Concen: 265.760 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

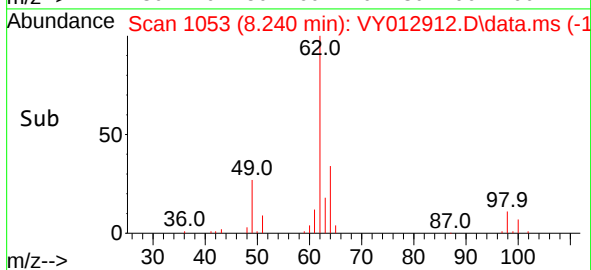
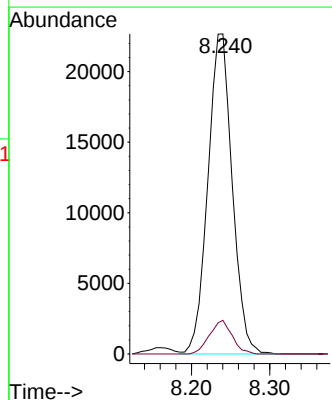
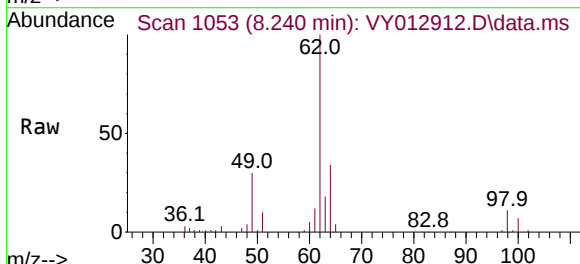
Instrument :
MSVOA_Y
ClientSampleId :

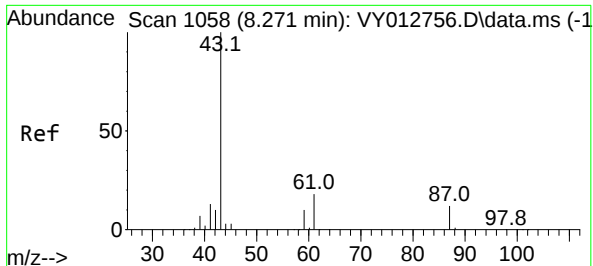
Tgt Ion: 41 Resp: 65451
Ion Ratio Lower Upper
41 100
39 49.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 79.383 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 62 Resp: 48962
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.8





#43

Isopropyl Acetate

Concen: 26.011 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

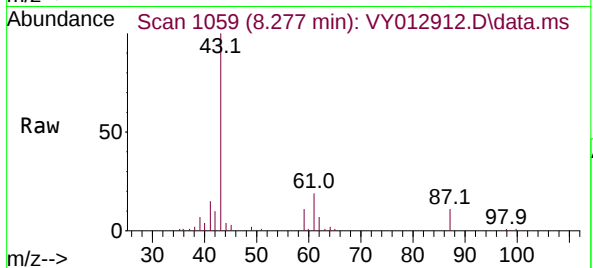
Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

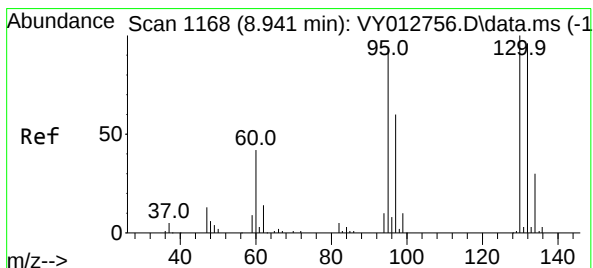
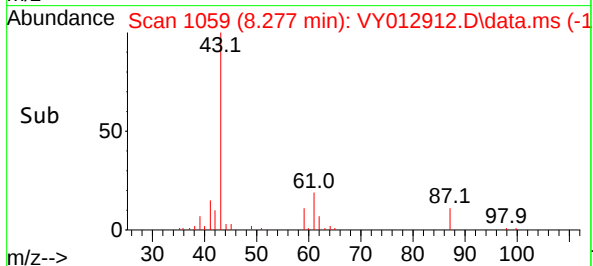
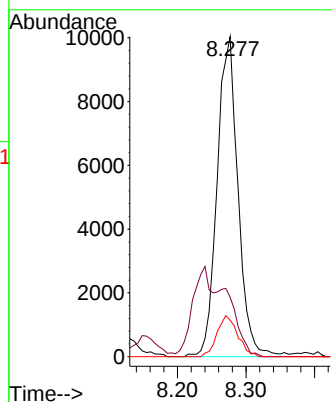
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 21213
Ion Ratio	Lower Upper
43	100
61	0.0 21.6 32.4#
87	12.7 9.9 14.9



#44

Trichloroethene

Concen: 41.358 ug/l

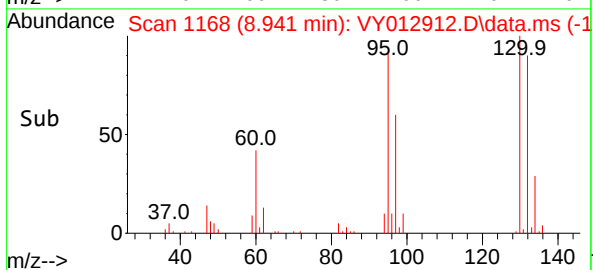
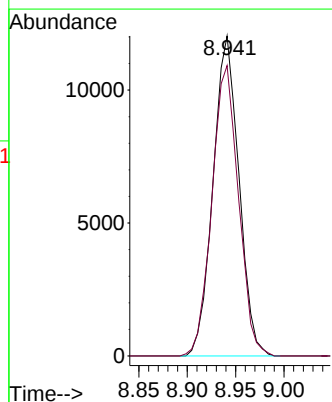
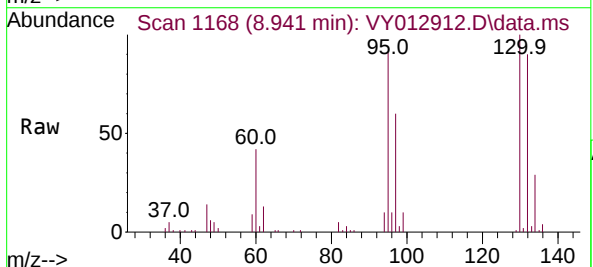
RT: 8.941 min Scan# 1168

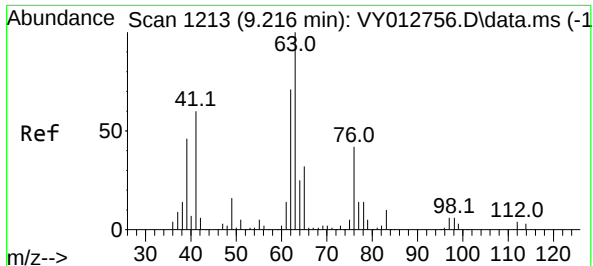
Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Tgt Ion: 130	Resp: 22370
Ion Ratio	Lower Upper
130	100
95	90.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 59.413 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

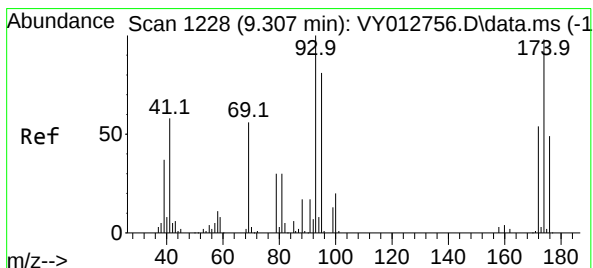
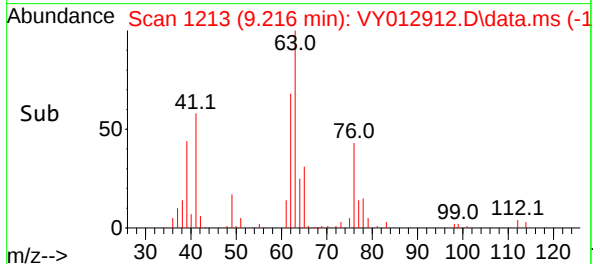
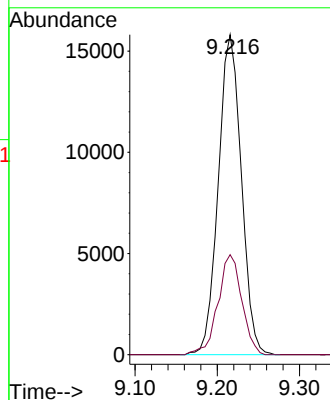
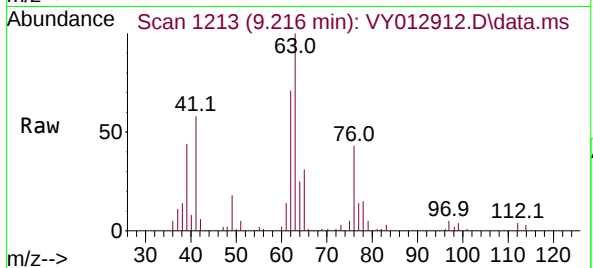
ClientSampleId :

Tgt Ion: 63 Resp: 30804

Ion Ratio Lower Upper

63 100

65 31.2 25.7 38.5



#46

Dibromomethane

Concen: 74.772 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

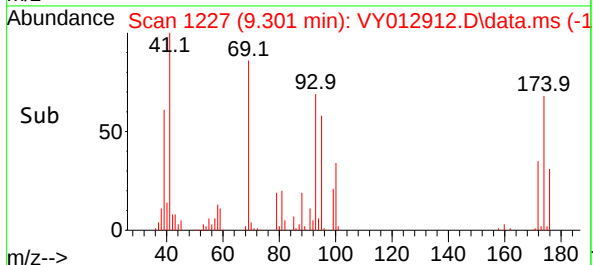
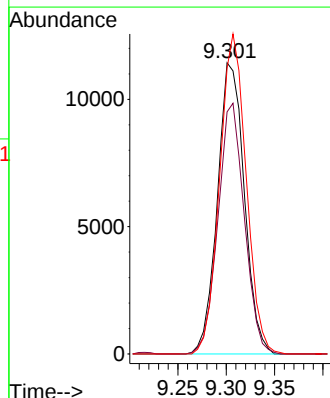
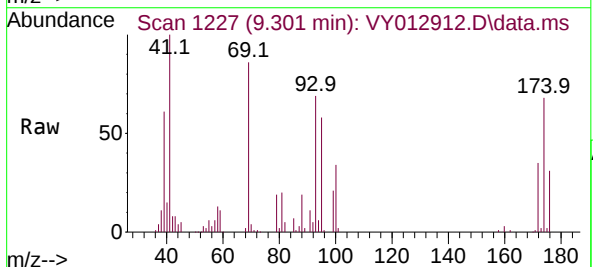
Tgt Ion: 93 Resp: 22086

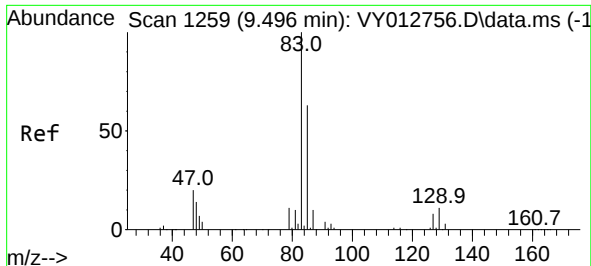
Ion Ratio Lower Upper

93 100

95 84.4 65.6 98.4

174 108.5 81.3 121.9

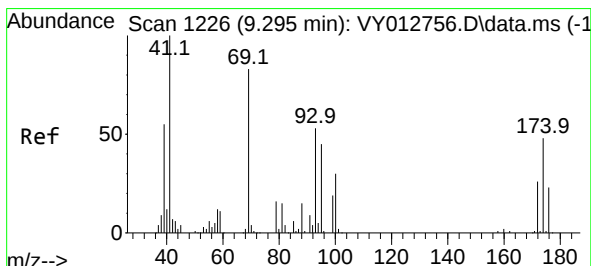
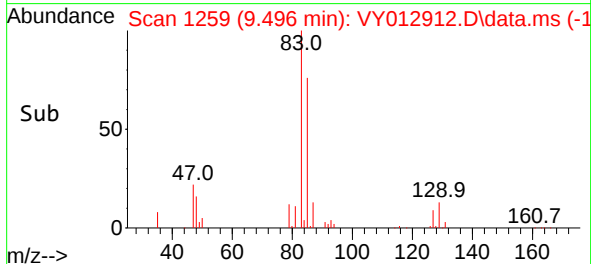
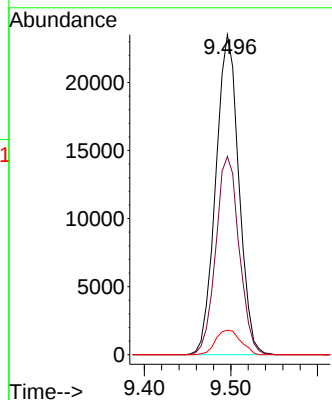
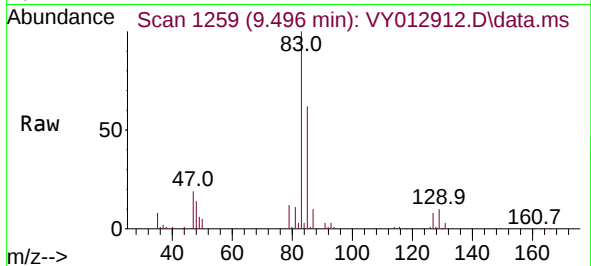




#47
Bromodichloromethane
Concen: 62.484 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

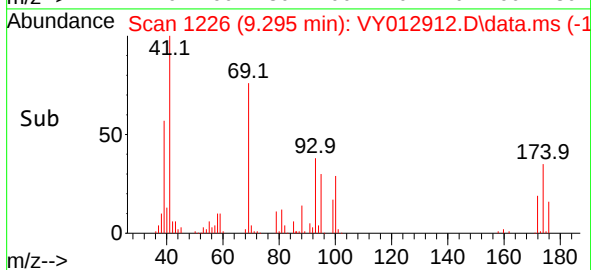
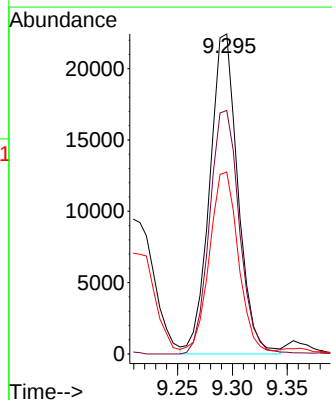
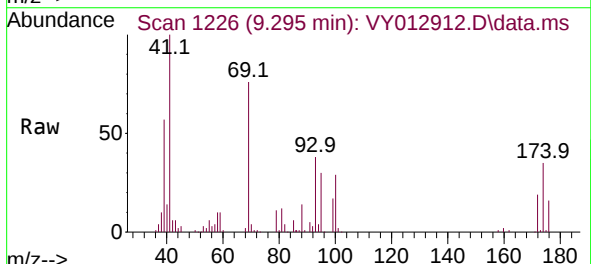
Instrument :
MSVOA_Y
ClientSampleId :

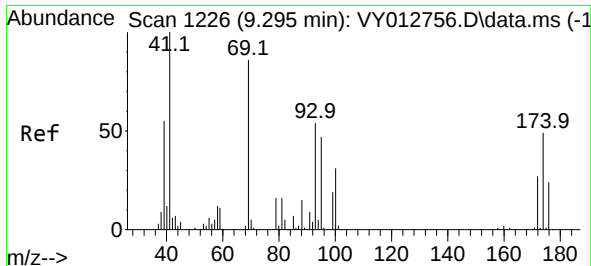
Tgt Ion: 83 Resp: 43493
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.4
127 7.6 6.3 9.5



#48
Methyl methacrylate
Concen: 107.142 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 41 Resp: 40262
Ion Ratio Lower Upper
41 100
69 80.3 64.1 96.1
39 58.3 44.0 66.0

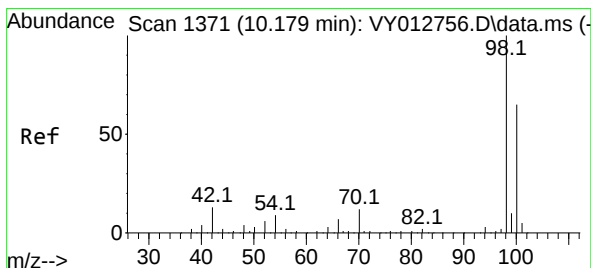
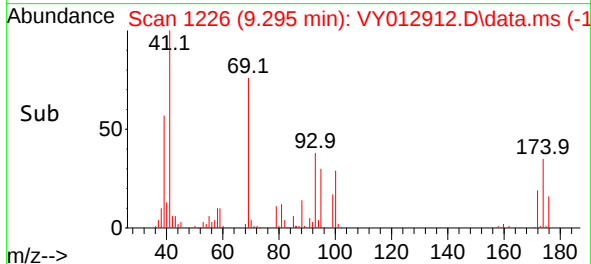
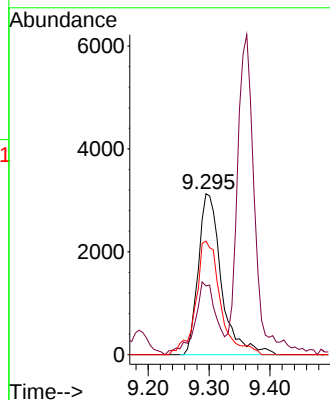
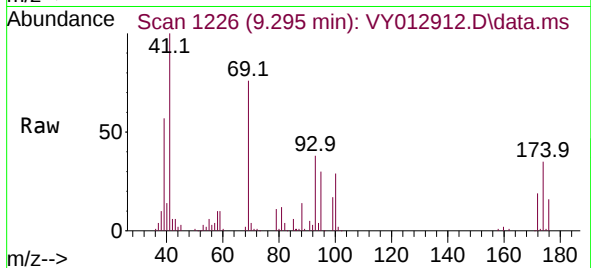




#49
1,4-Dioxane
Concen: 2155.315 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

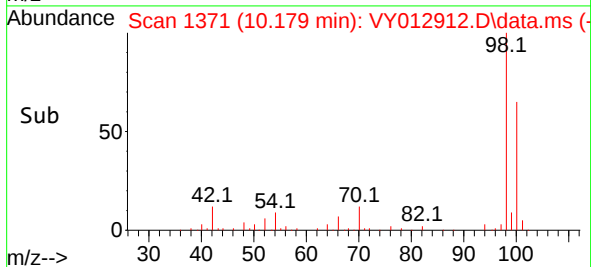
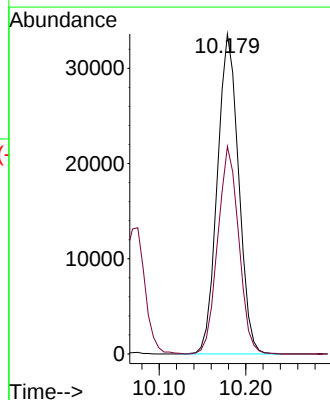
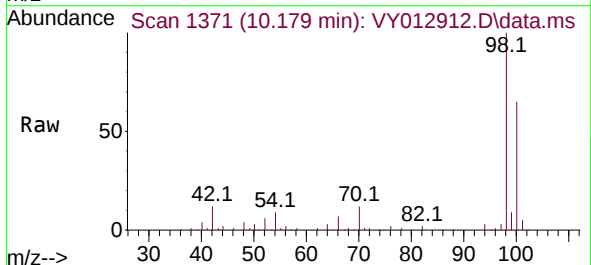
Instrument :
MSVOA_Y
ClientSampleId :

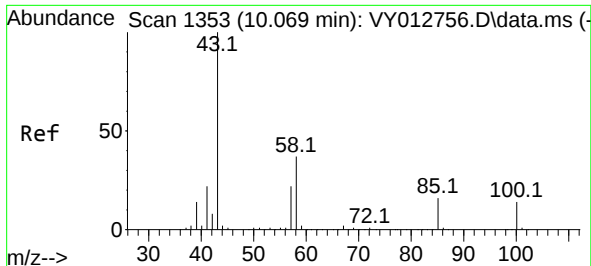
Tgt Ion: 88 Resp: 8230
Ion Ratio Lower Upper
88 100
43 41.4 28.6 42.8
58 75.2 55.2 82.8



#50
Toluene-d8
Concen: 36.203 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 98 Resp: 57279
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

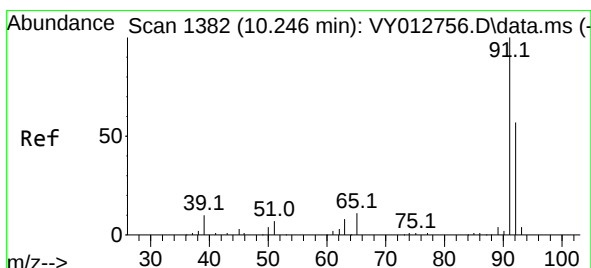
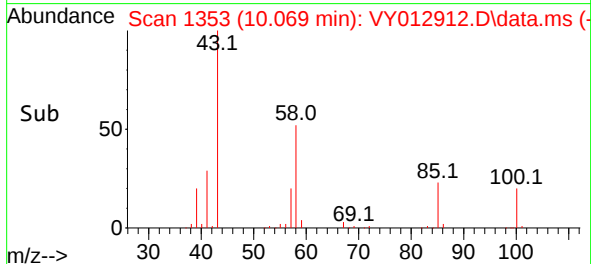
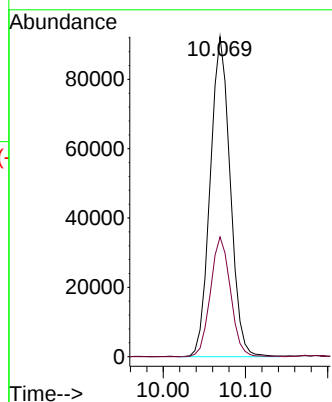
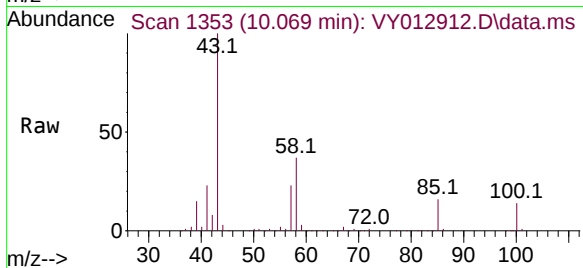




#51
4-Methyl-2-Pentanone
Concen: 353.015 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

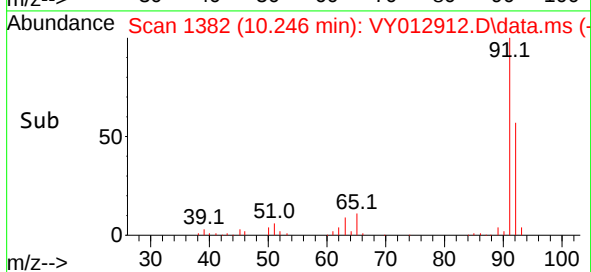
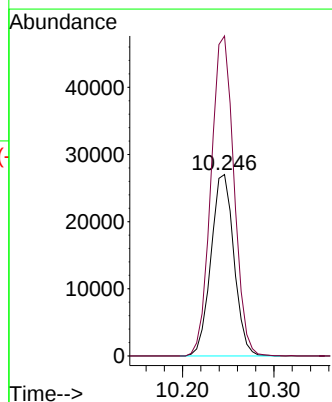
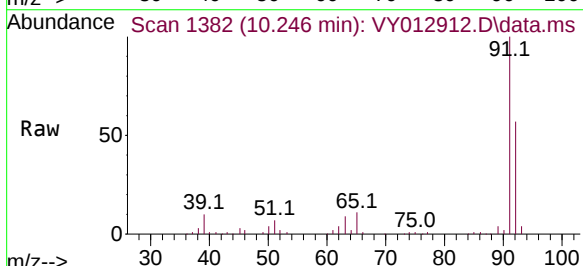
Instrument :
MSVOA_Y
ClientSampleId :

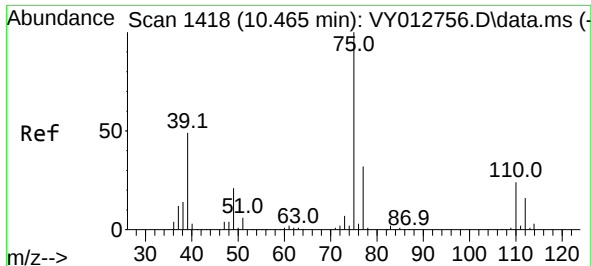
Tgt Ion: 43 Resp: 156167
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.6



#52
Toluene
Concen: 38.075 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 92 Resp: 47108
Ion Ratio Lower Upper
92 100
91 176.4 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 60.326 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

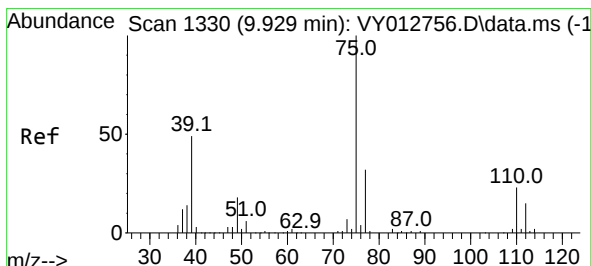
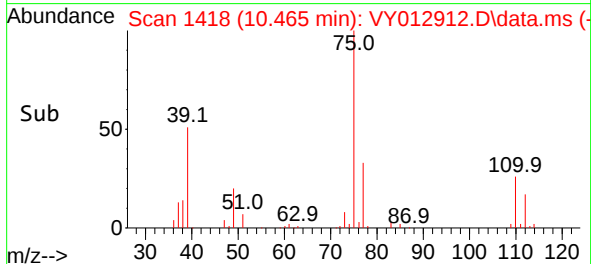
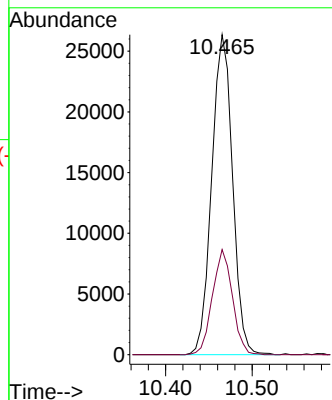
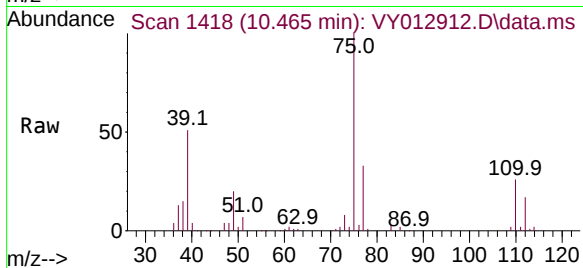
ClientSampleId :

Tgt Ion: 75 Resp: 44044

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 59.567 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

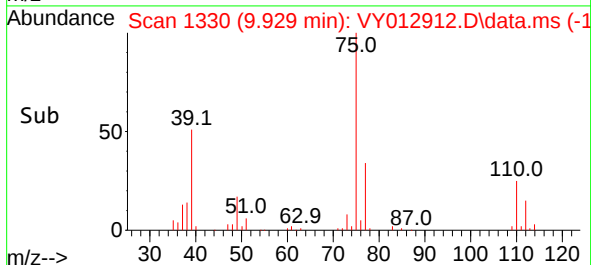
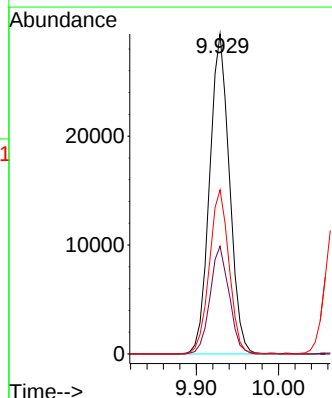
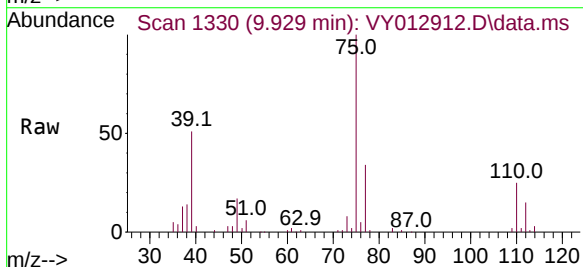
Tgt Ion: 75 Resp: 49225

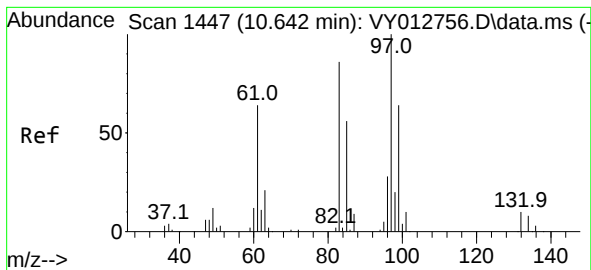
Ion Ratio Lower Upper

75 100

77 33.7 25.4 38.0

39 51.3 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 67.358 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 27708

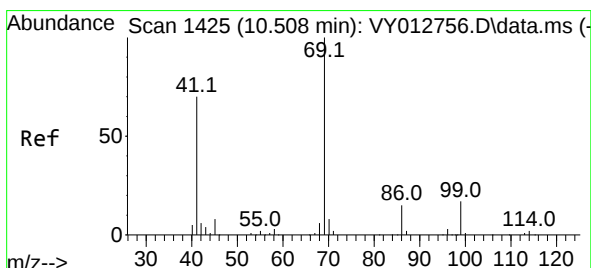
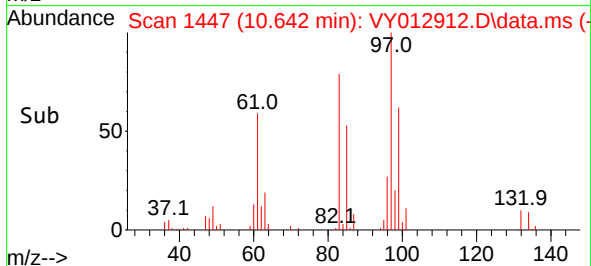
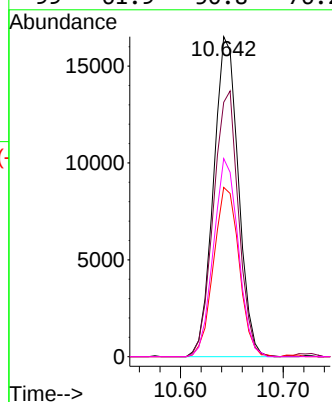
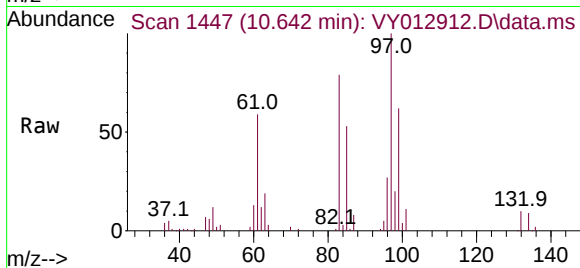
Ion Ratio Lower Upper

97 100

83 79.5 69.0 103.6

85 52.9 44.9 67.3

99 61.9 50.8 76.2



#56

Ethyl methacrylate

Concen: 33.913 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

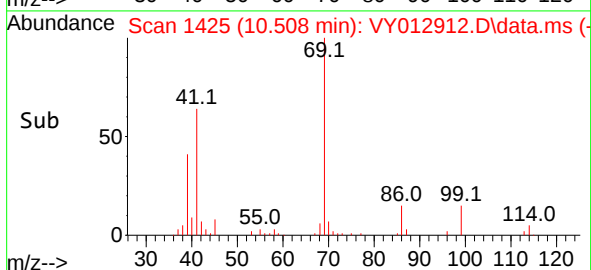
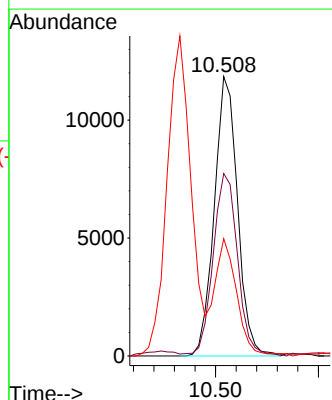
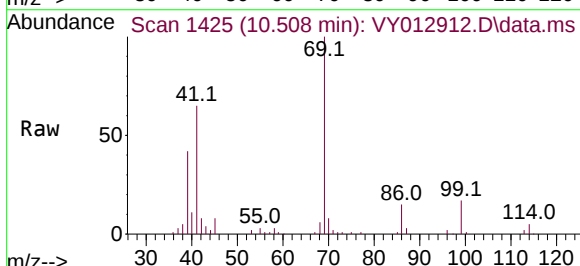
Tgt Ion: 69 Resp: 18601

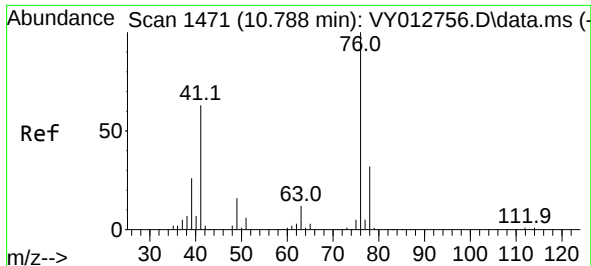
Ion Ratio Lower Upper

69 100

41 68.9 56.4 84.6

39 40.0 30.8 46.2





#57

1,3-Dichloropropane

Concen: 66.551 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

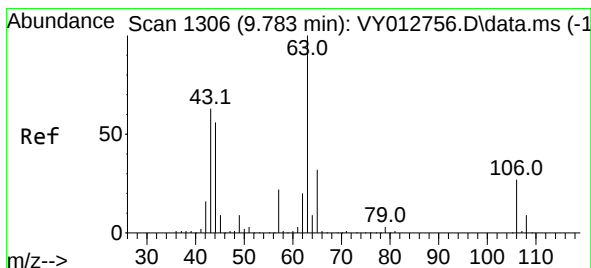
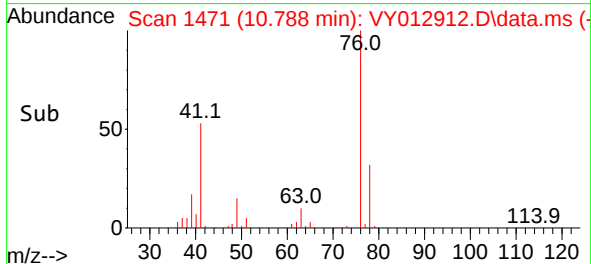
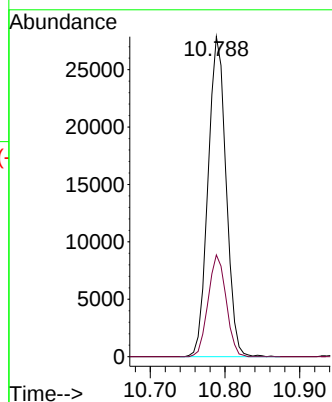
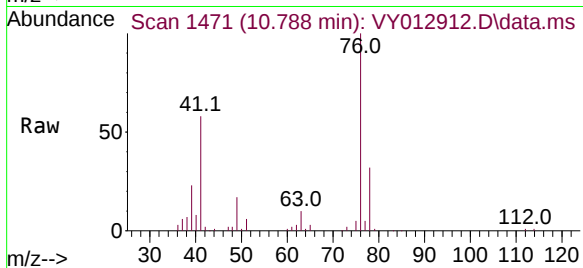
ClientSampleId :

Tgt Ion: 76 Resp: 46628

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 428.919 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012912.D

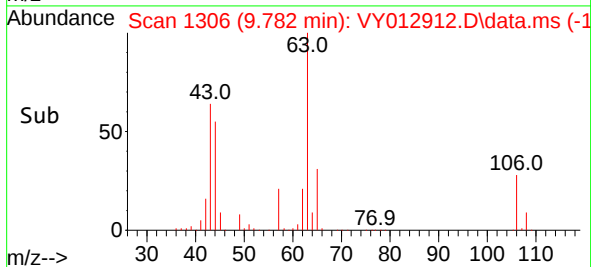
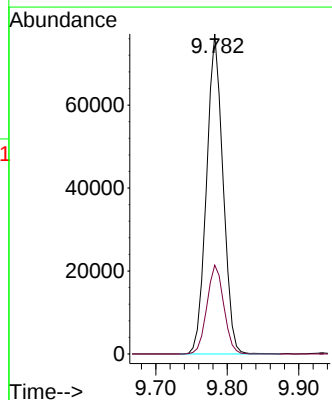
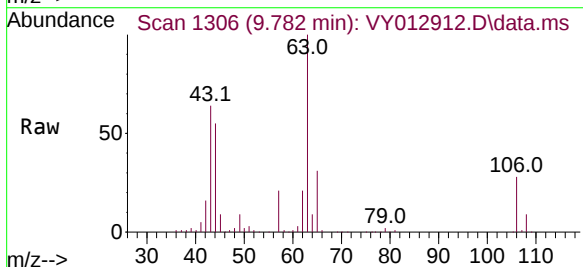
Acq: 10 Mar 2023 11:46

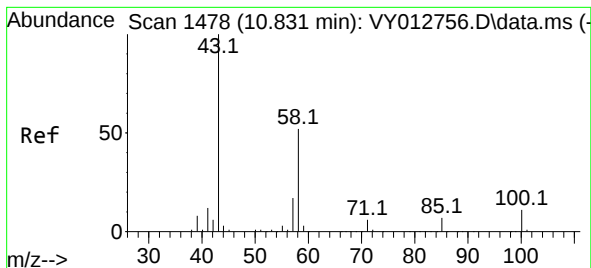
Tgt Ion: 63 Resp: 123502

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1

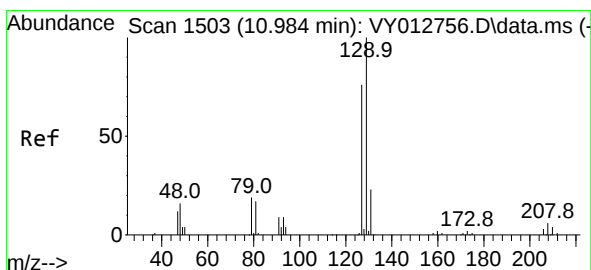
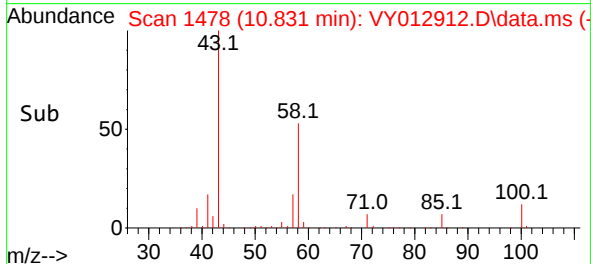
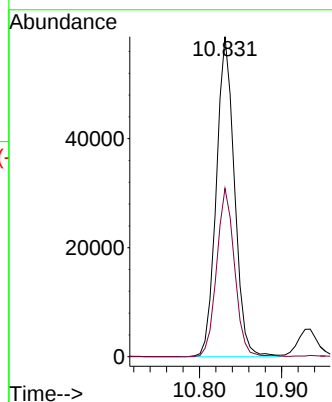
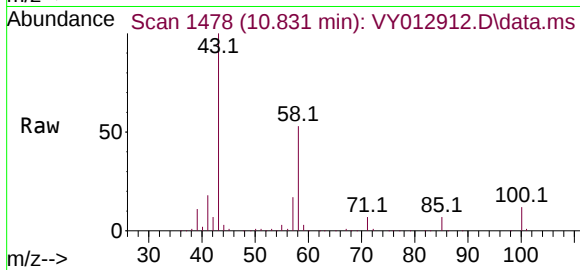




#59
2-Hexanone
Concen: 279.773 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

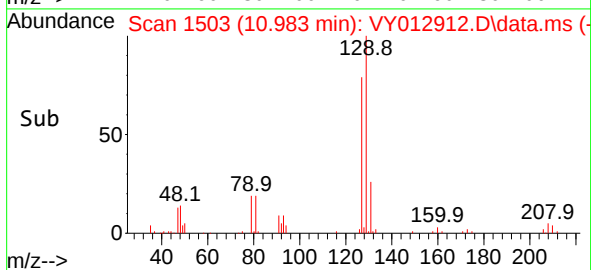
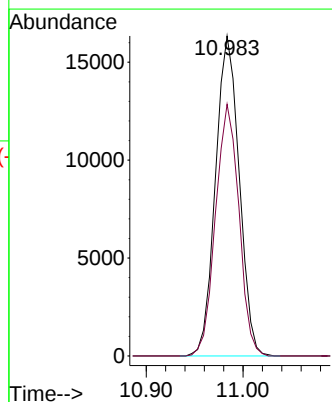
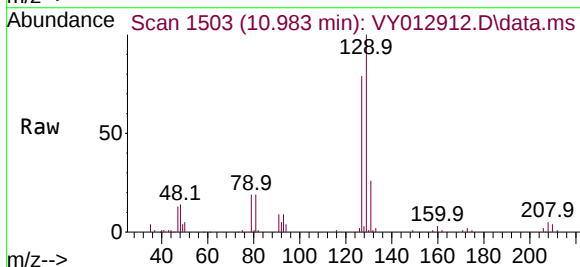
Instrument :
MSVOA_Y
ClientSampleId :

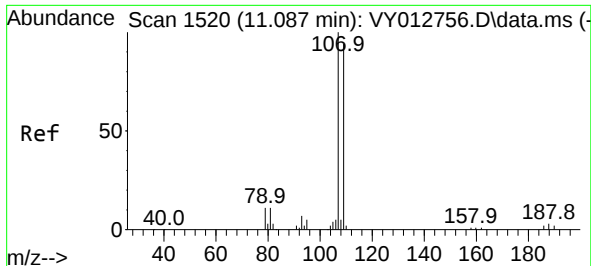
Tgt Ion: 43 Resp: 89951
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 55.525 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 129 Resp: 27803
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

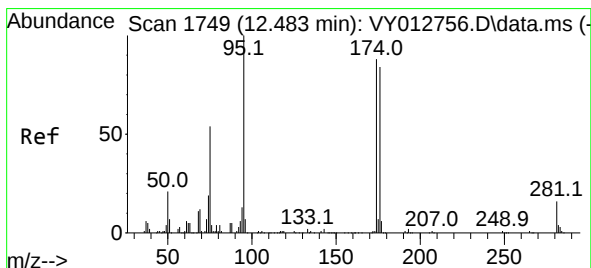
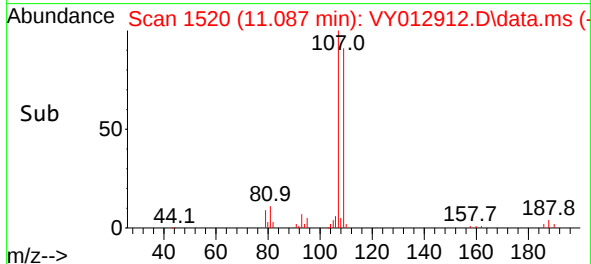
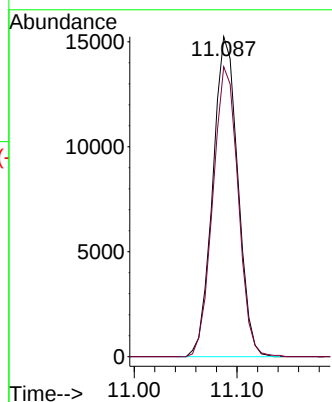
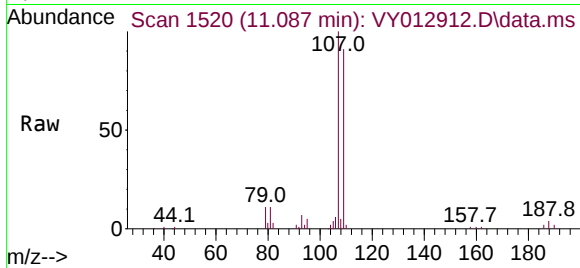




#61
1,2-Dibromoethane
Concen: 65.039 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

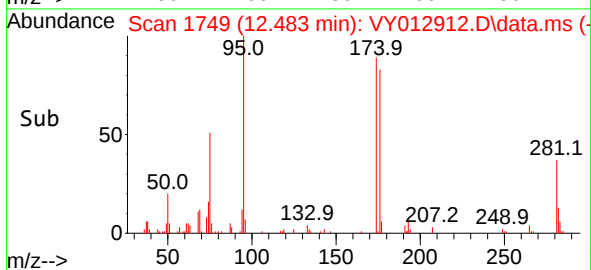
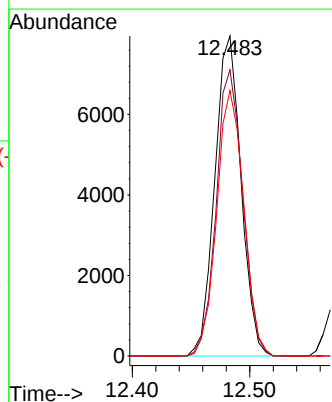
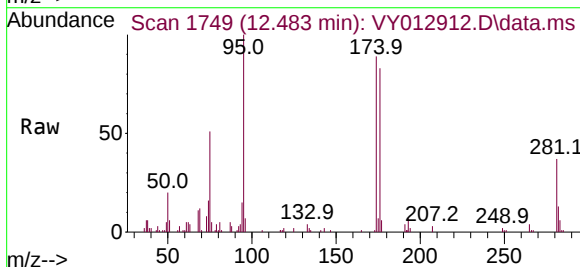
Instrument :
MSVOA_Y
ClientSampleId :

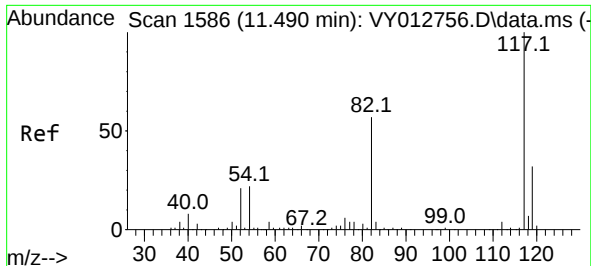
Tgt Ion:107 Resp: 25772
Ion Ratio Lower Upper
107 100
109 91.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 23.078 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 95 Resp: 12324
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.6
176 85.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012912.D

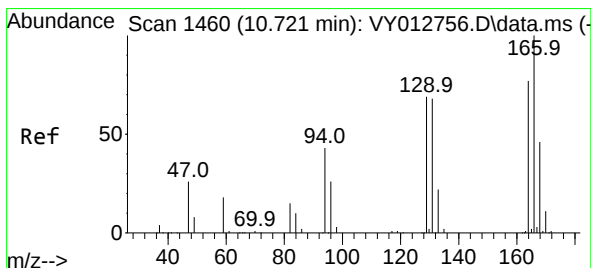
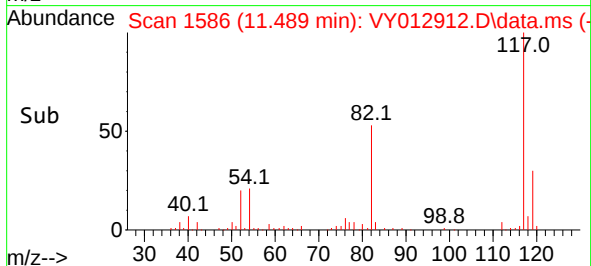
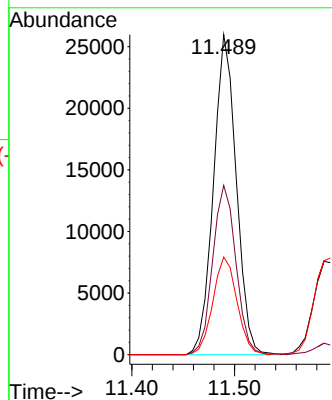
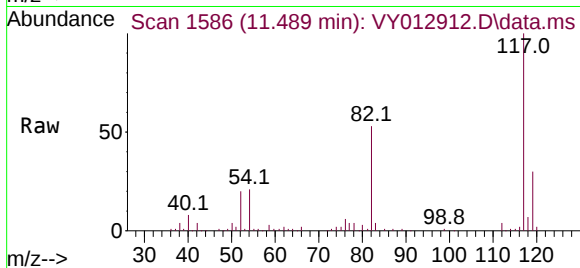
Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	39970
Ion	Ratio	Lower Upper
117	100	
82	52.9	45.4 68.0
119	30.5	25.6 38.4



#64

Tetrachloroethene

Concen: 33.318 ug/l

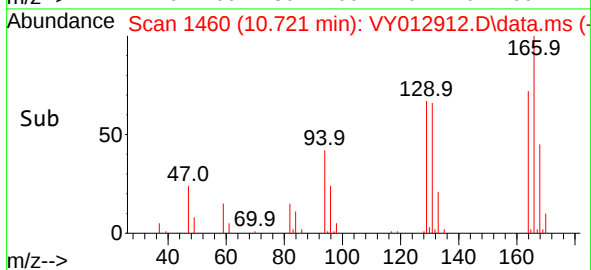
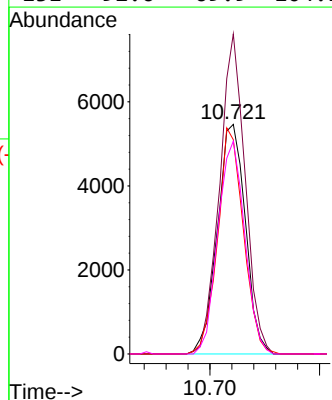
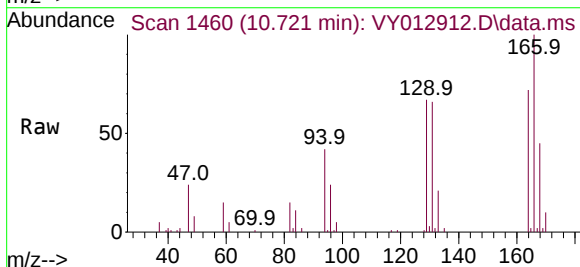
RT: 10.721 min Scan# 1460

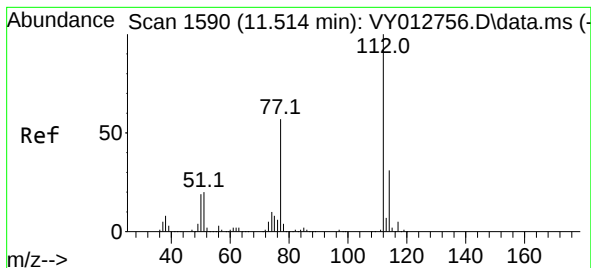
Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Tgt Ion:164	Resp:	9696
Ion	Ratio	Lower Upper
164	100	
166	139.3	103.4 155.2
129	93.3	71.4 107.2
131	92.6	69.9 104.9





#65

Chlorobenzene

Concen: 49.058 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

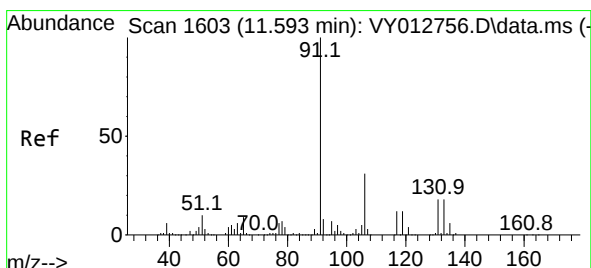
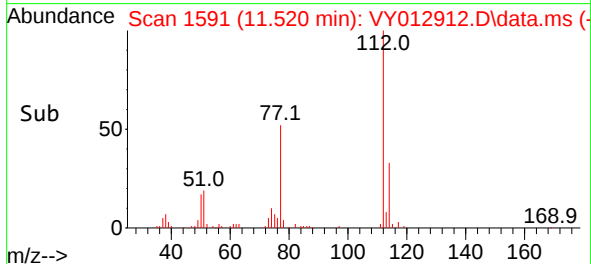
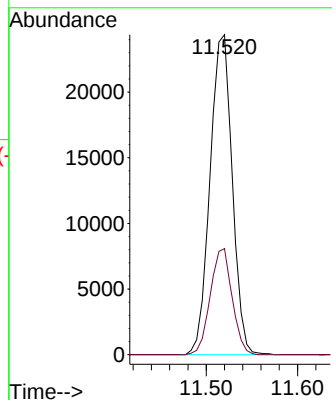
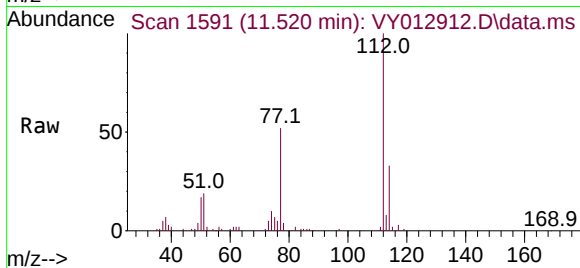
ClientSampleId :

Tgt Ion:112 Resp: 41153

Ion Ratio Lower Upper

112 100

114 33.2 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 63.684 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

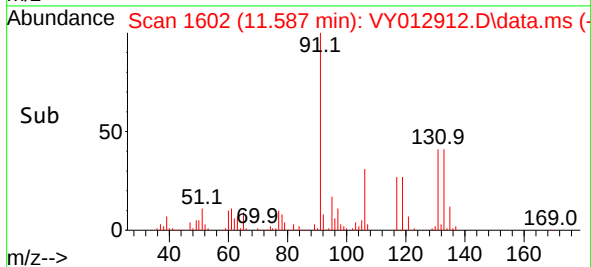
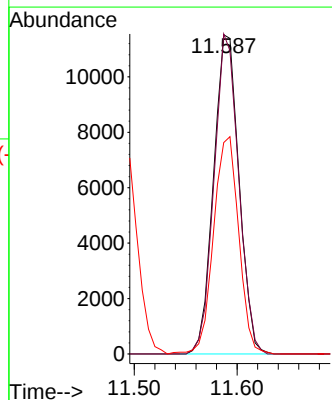
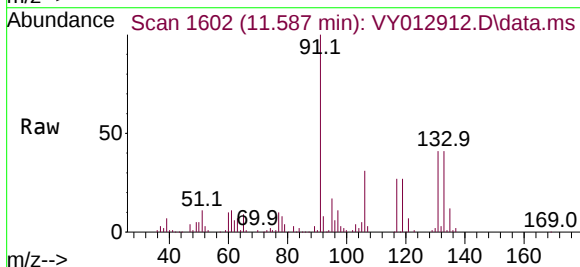
Tgt Ion:131 Resp: 19768

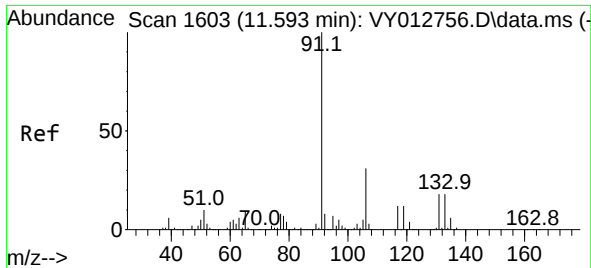
Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.0

119 67.5 32.6 98.0

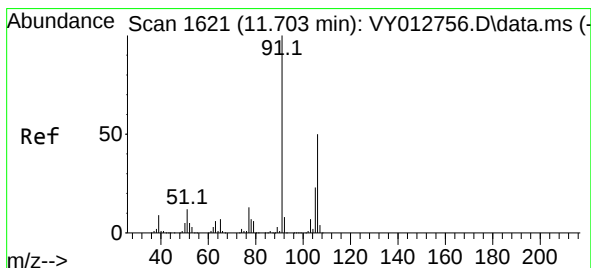
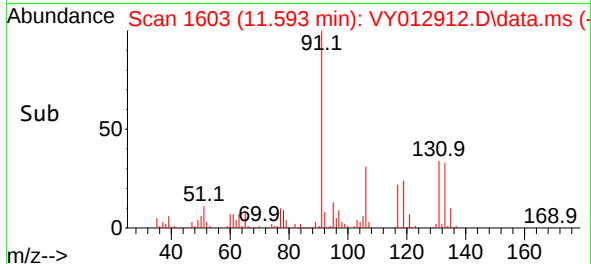
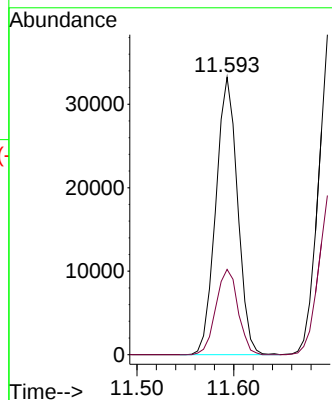
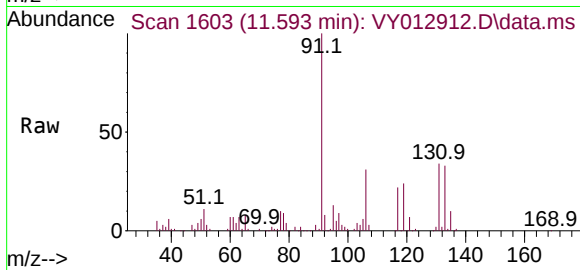




#67
Ethyl Benzene
Concen: 35.131 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

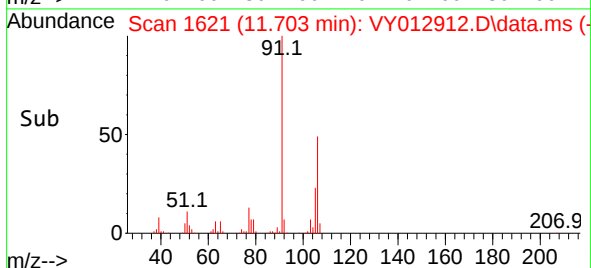
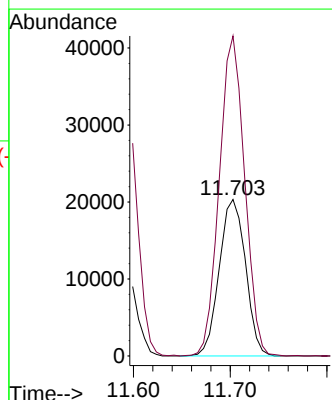
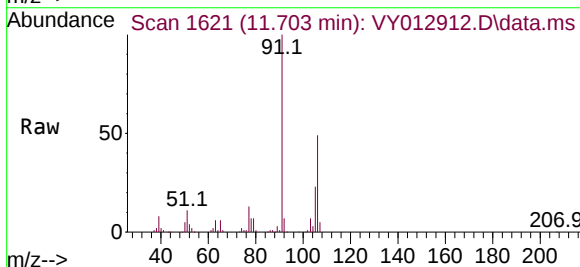
Instrument :
MSVOA_Y
ClientSampleId :

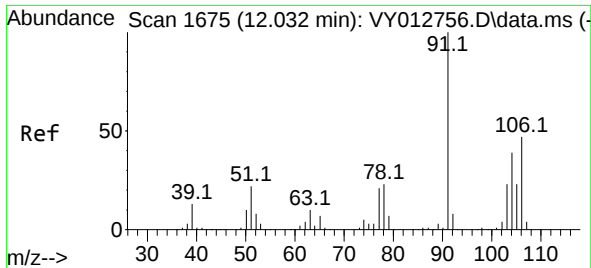
Tgt Ion: 91 Resp: 51813
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7



#68
m/p-Xylenes
Concen: 67.530 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 106 Resp: 38315
Ion Ratio Lower Upper
106 100
91 197.3 159.8 239.8

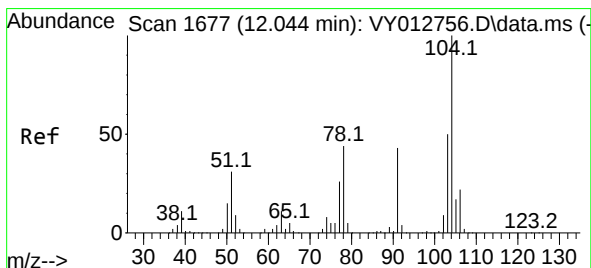
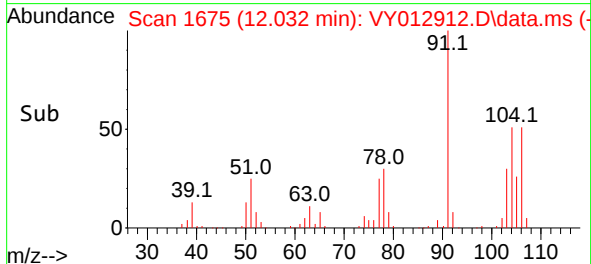
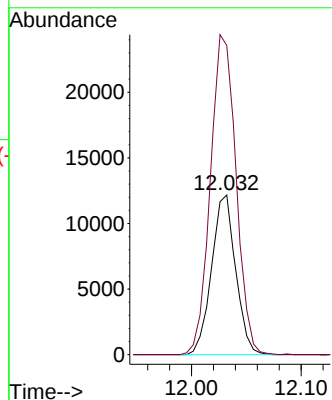
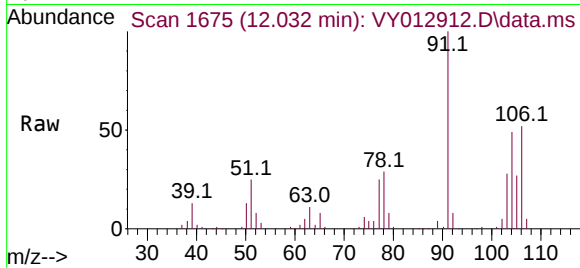




#69
o-Xylene
Concen: 35.058 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

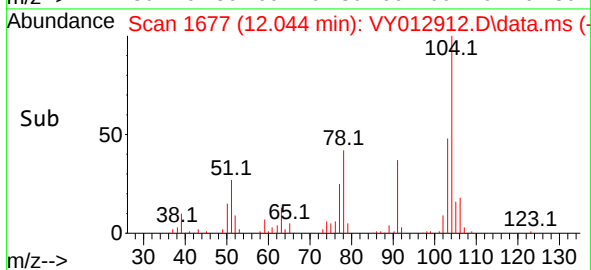
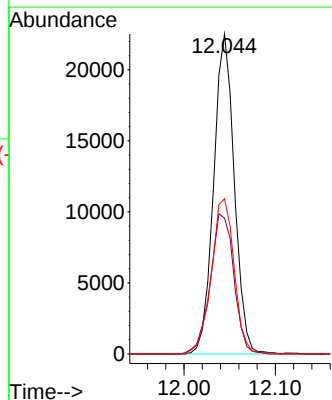
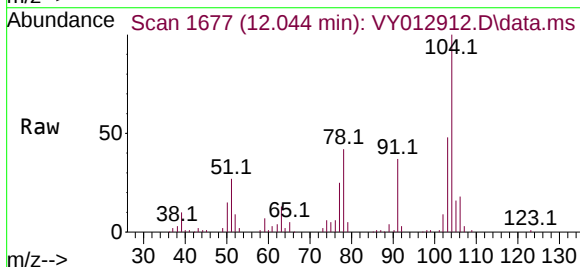
Instrument :
MSVOA_Y
ClientSampleId :

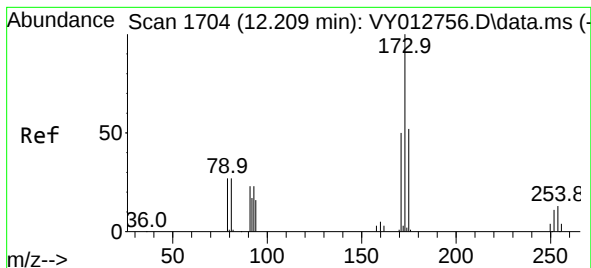
Tgt Ion:106 Resp: 18564
Ion Ratio Lower Upper
106 100
91 213.7 107.2 321.6



#70
Styrene
Concen: 40.016 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion:104 Resp: 35361
Ion Ratio Lower Upper
104 100
78 50.0 39.2 58.8
103 53.5 43.7 65.5





#71

Bromoform

Concen: 76.892 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012912.D

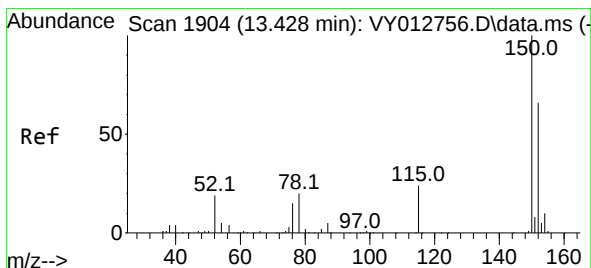
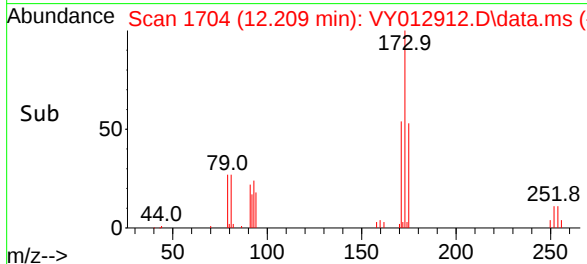
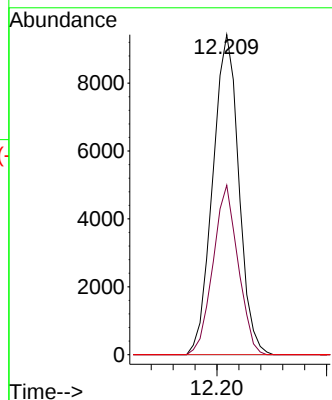
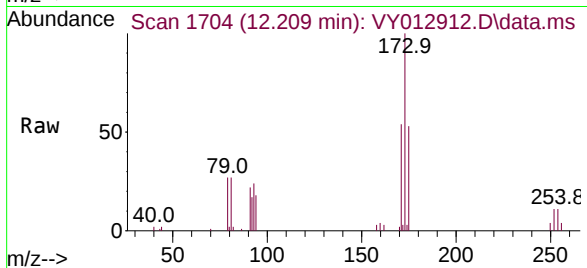
Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	15562
Ion Ratio	Lower	Upper
173	100	
175	50.9	25.0 75.0
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

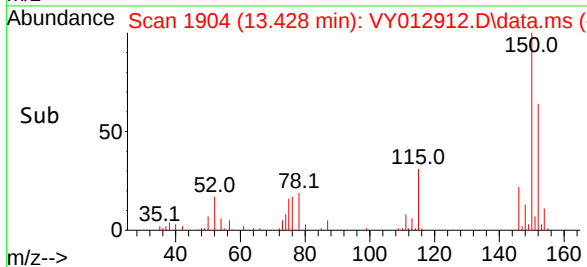
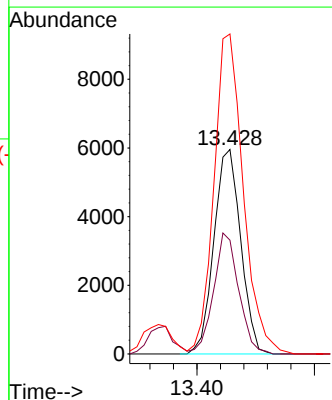
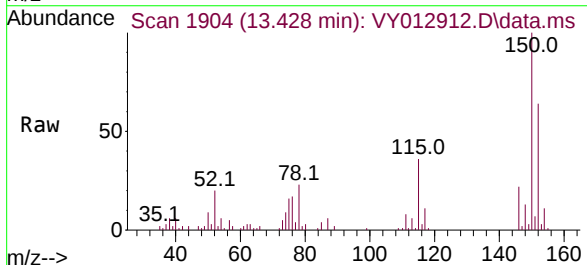
RT: 13.428 min Scan# 1904

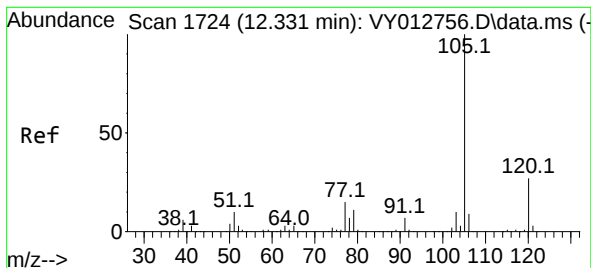
Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Tgt Ion:152	Resp:	9434
Ion Ratio	Lower	Upper
152	100	
115	55.6	27.1 81.3
150	170.9	0.0 347.8





#73

Isopropylbenzene

Concen: 47.121 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

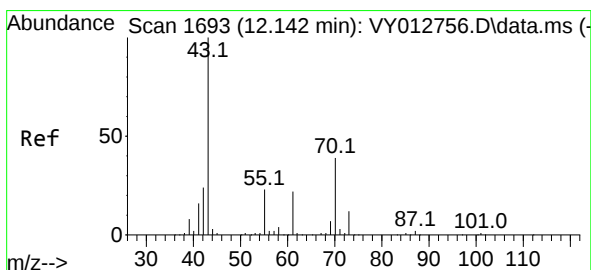
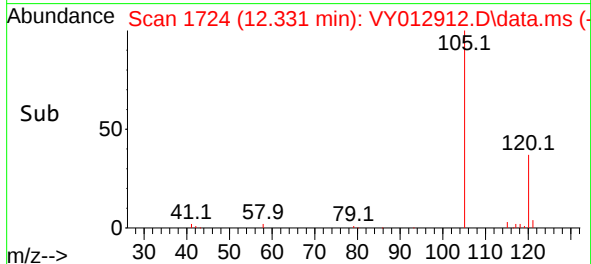
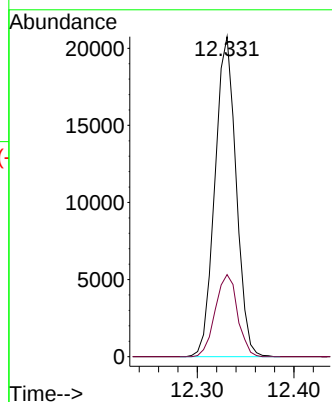
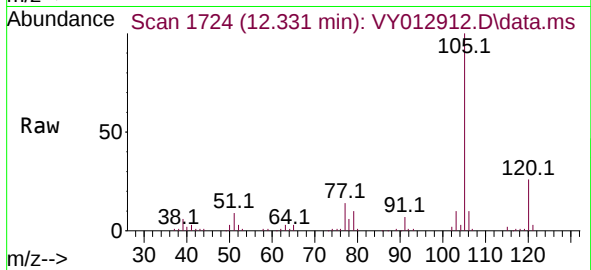
ClientSampleId :

Tgt Ion:105 Resp: 31505

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 22.889 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Tgt Ion: 43 Resp: 4815

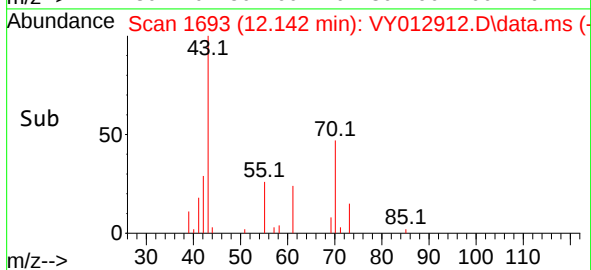
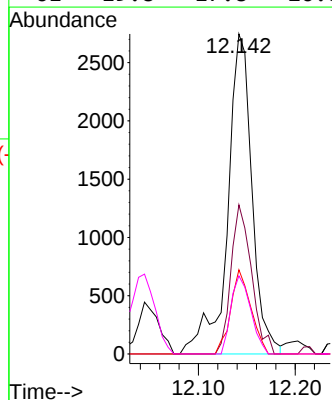
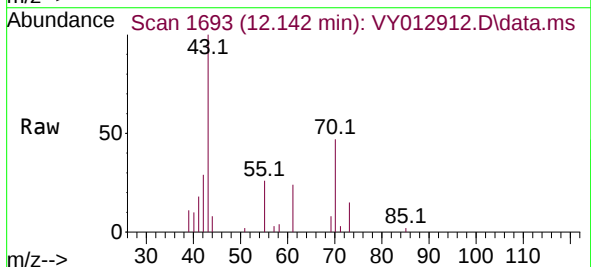
Ion Ratio Lower Upper

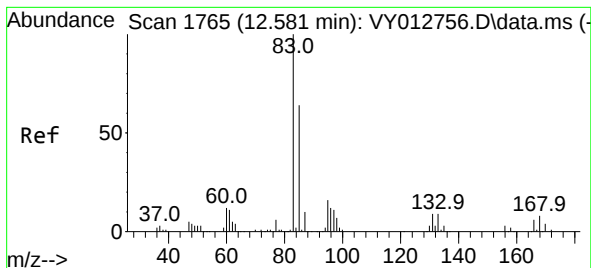
43 100

70 39.2 31.6 47.4

55 21.7 18.8 28.2

61 19.8 17.8 26.8

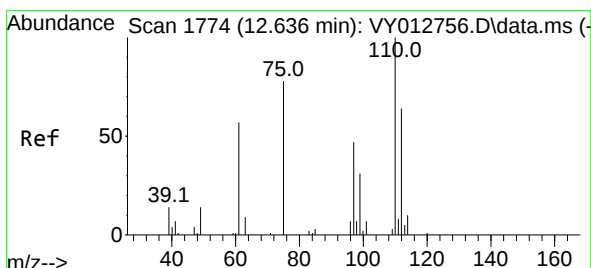
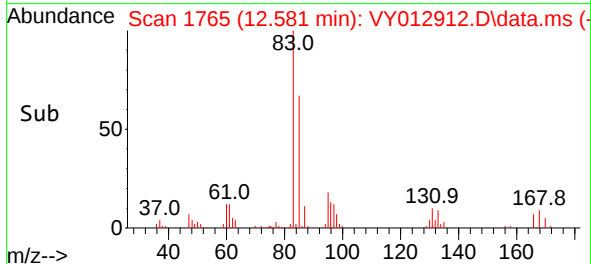
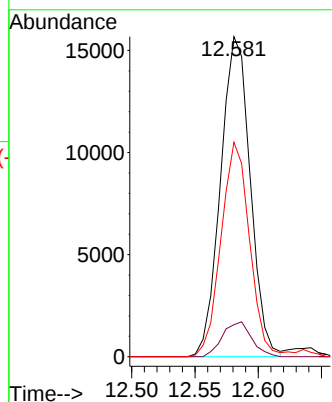
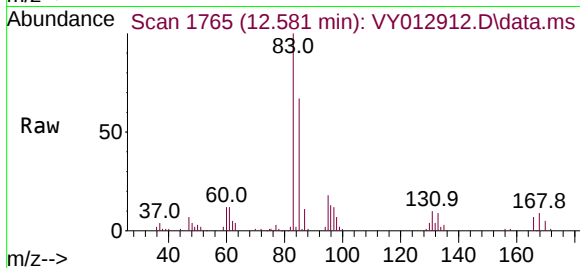




#75
 1,1,2,2-Tetrachloroethane
 Concen: 170.178 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

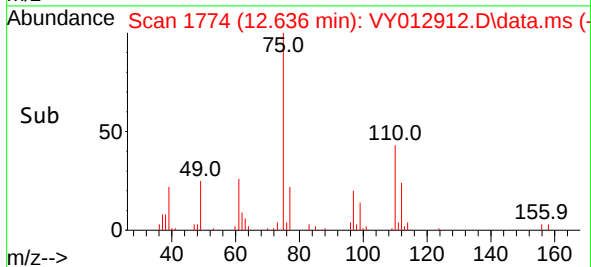
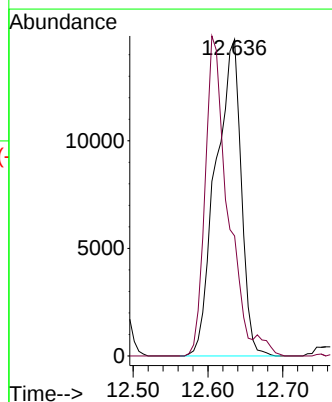
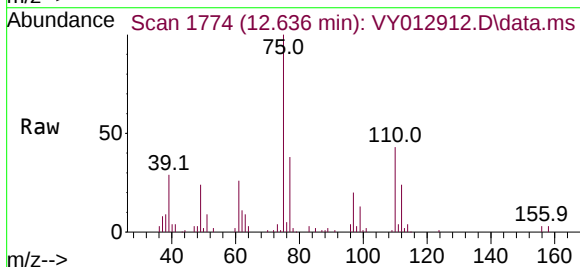
Instrument :
 MSVOA_Y
 ClientSampleId :

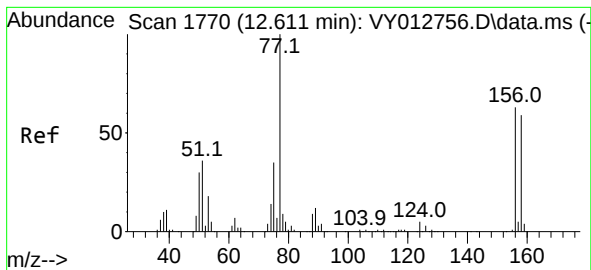
Tgt Ion: 83 Resp: 25577
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.1 15.2
 85 64.1 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 308.529 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

Tgt Ion: 75 Resp: 34758
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 81.565 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

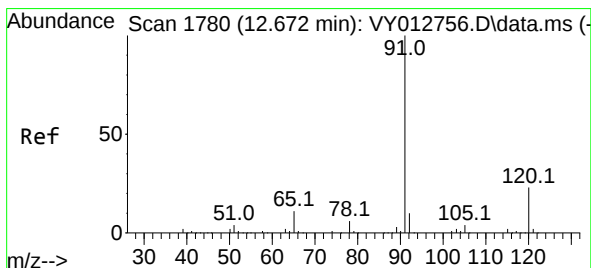
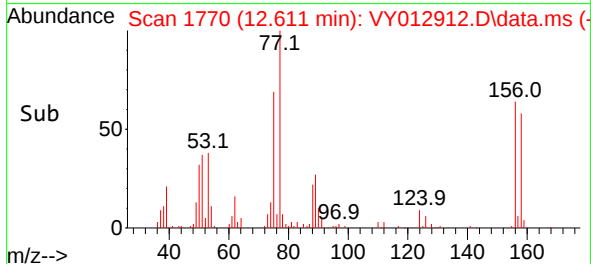
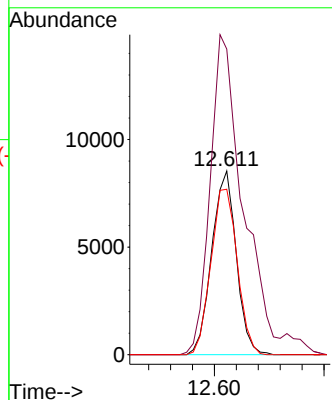
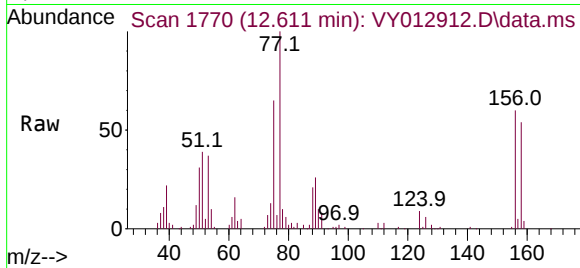
Tgt Ion:156 Resp: 13248

Ion Ratio Lower Upper

156 100

77 231.8 94.0 282.1

158 96.9 48.1 144.4



#78

n-propylbenzene

Concen: 39.767 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012912.D

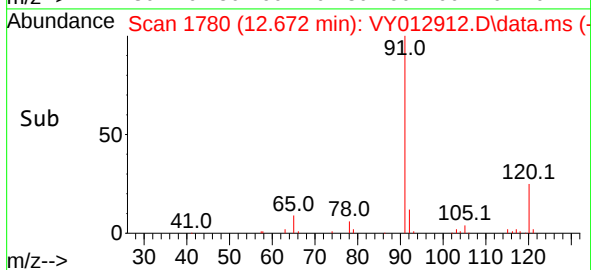
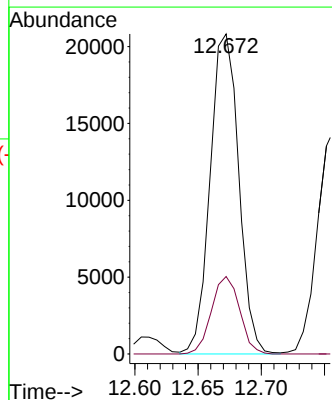
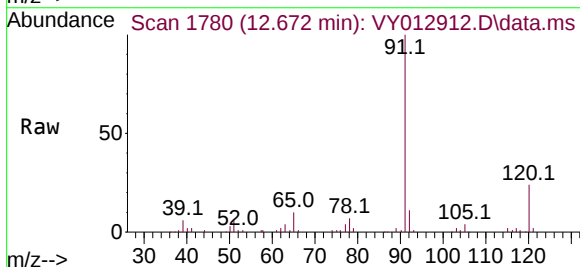
Acq: 10 Mar 2023 11:46

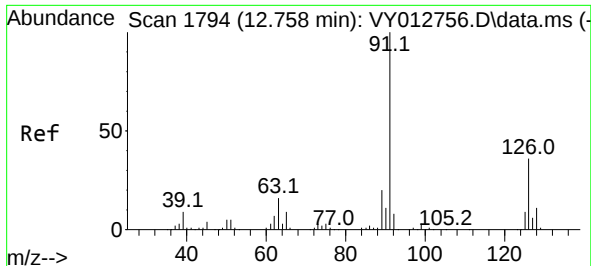
Tgt Ion: 91 Resp: 32780

Ion Ratio Lower Upper

91 100

120 23.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 52.007 ug/l

RT: 12.758 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

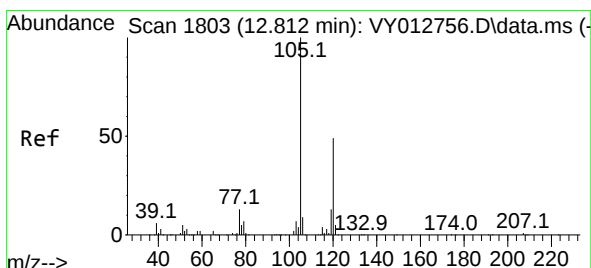
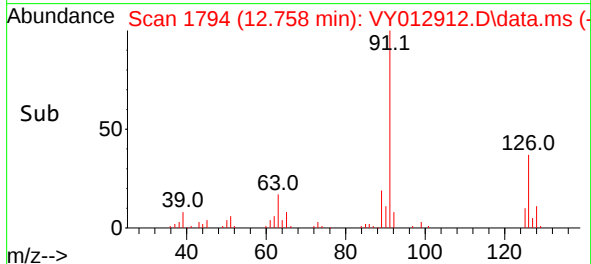
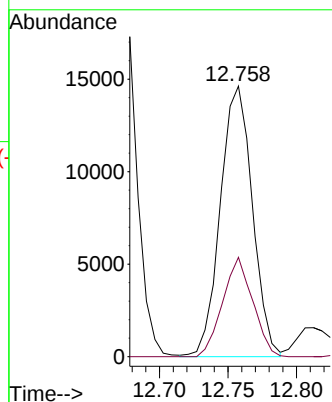
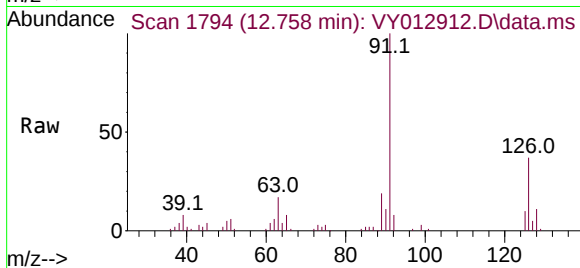
ClientSampleId :

Tgt Ion: 91 Resp: 23826

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 37.636 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012912.D

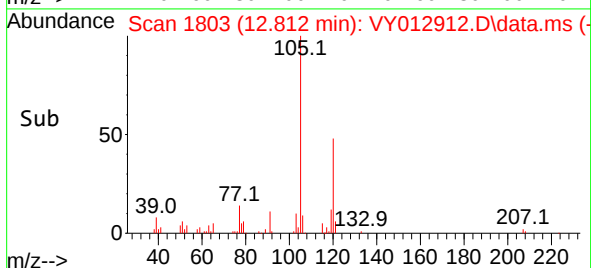
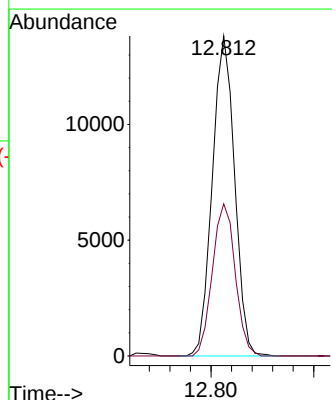
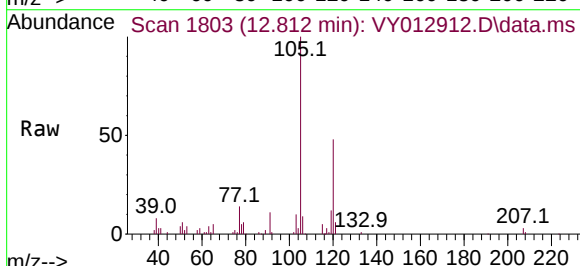
Acq: 10 Mar 2023 11:46

Tgt Ion:105 Resp: 20766

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4

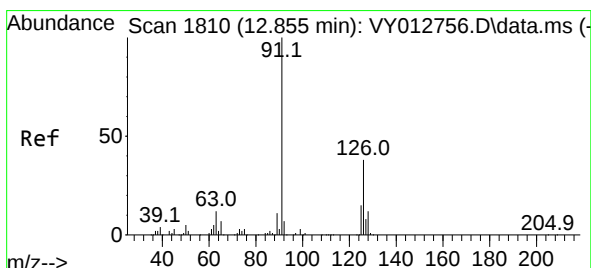
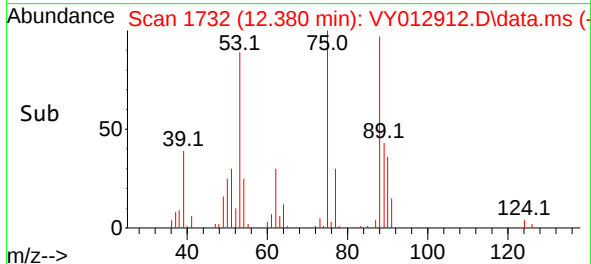
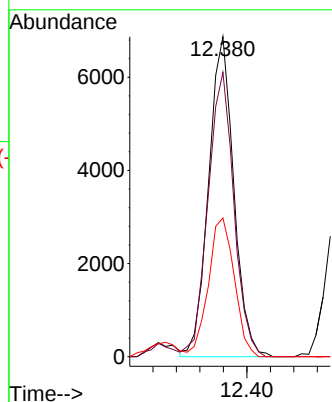
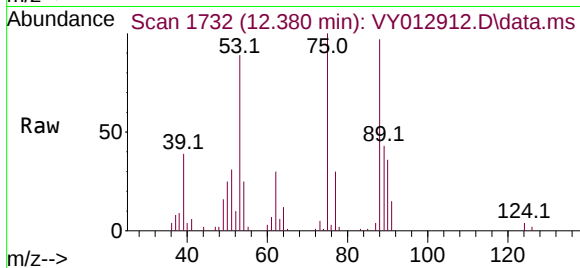




#81
trans-1,4-Dichloro-2-butene
Concen: 188.136 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

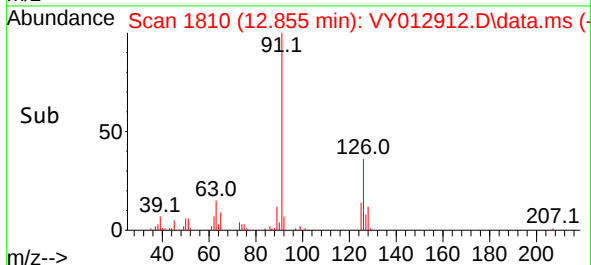
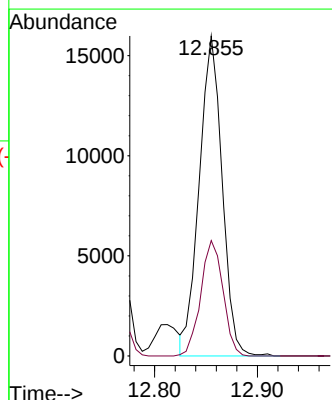
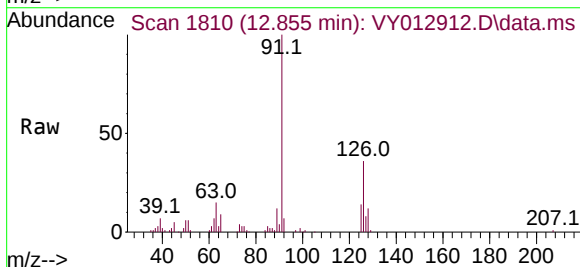
Instrument :
MSVOA_Y
ClientSampleId :

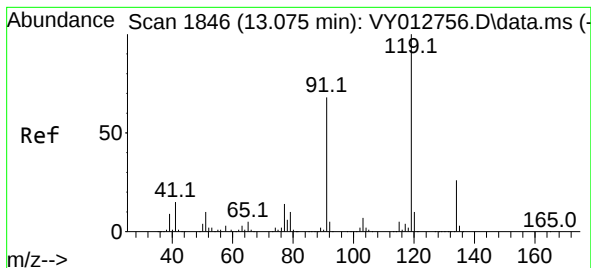
Tgt Ion: 75 Resp: 10229
Ion Ratio Lower Upper
75 100
53 91.3 73.4 110.0
89 44.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 52.201 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012912.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 91 Resp: 24756
Ion Ratio Lower Upper
91 100
126 35.1 17.7 53.1





#83

tert-Butylbenzene

Concen: 34.814 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012912.D

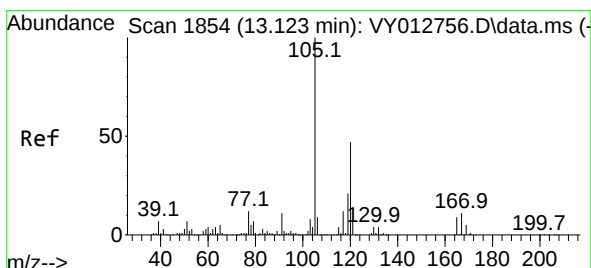
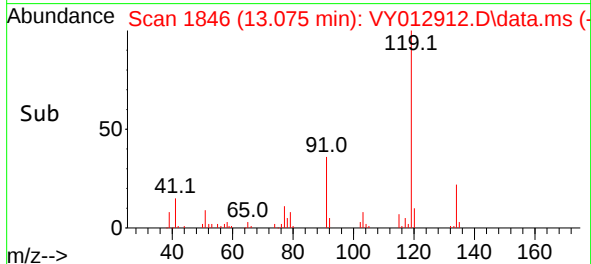
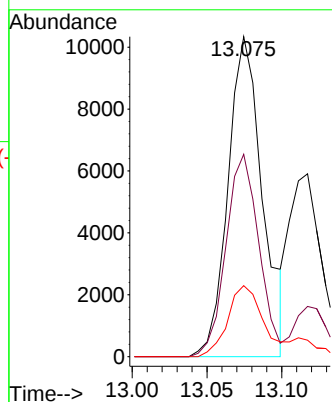
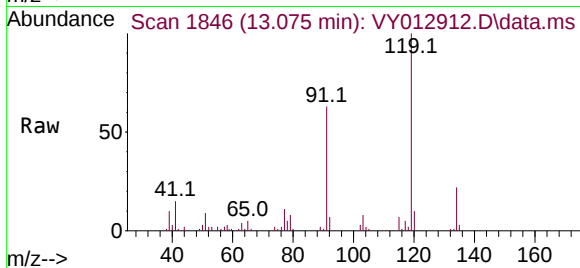
Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	16580
Ion	Ratio	Lower Upper
119	100	
91	60.4	32.8 98.3
134	23.4	13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 37.289 ug/l

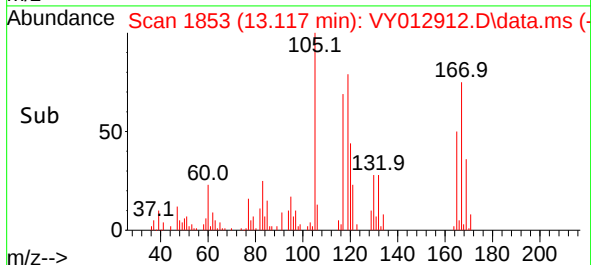
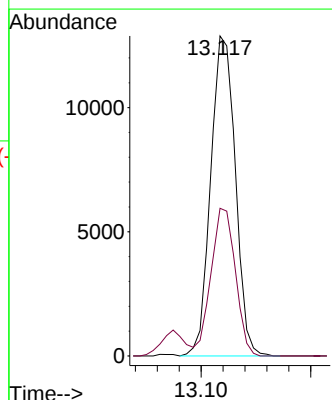
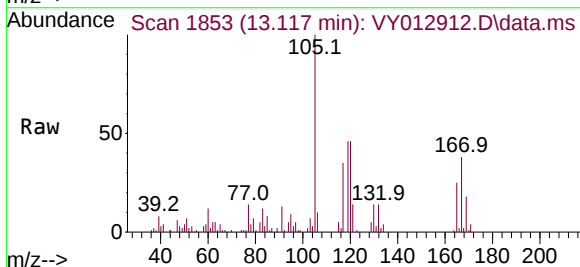
RT: 13.117 min Scan# 1853

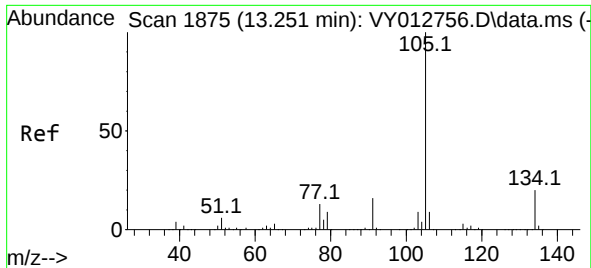
Delta R.T. -0.006 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Tgt Ion:105	Resp:	20119
Ion	Ratio	Lower Upper
105	100	
120	45.7	23.0 69.0

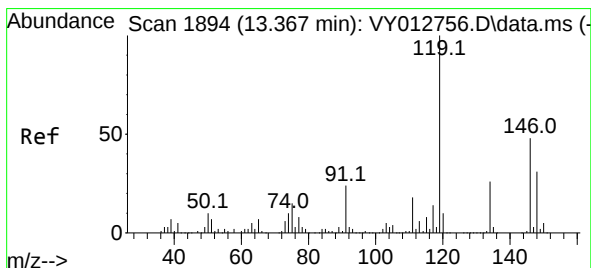
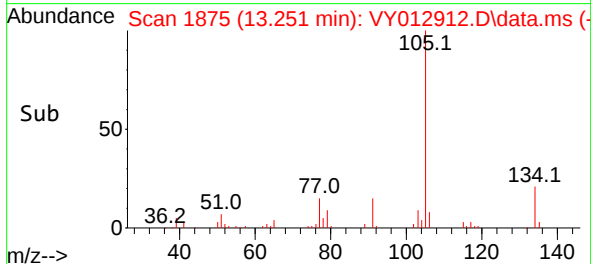
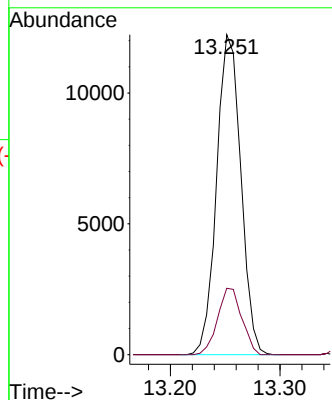
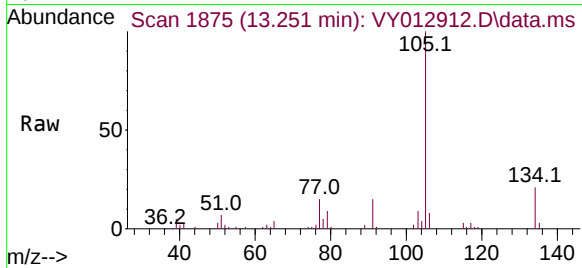




#85
 sec-Butylbenzene
 Concen: 25.873 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

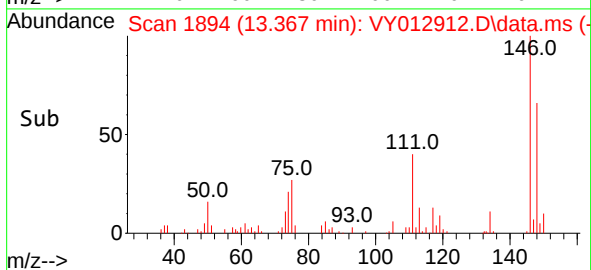
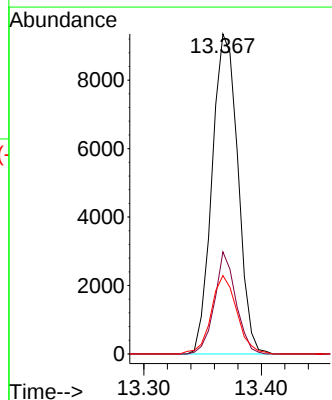
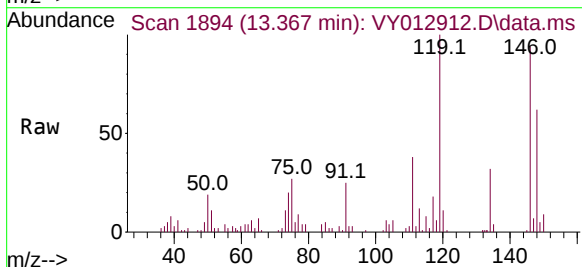
Instrument :
 MSVOA_Y
 ClientSampleId :

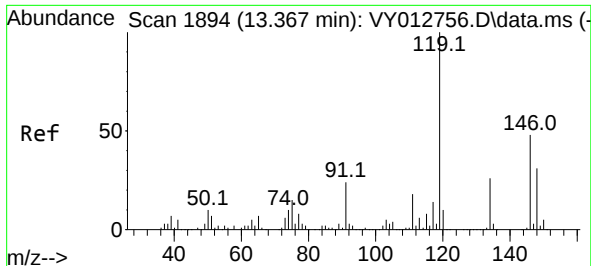
Tgt Ion:105 Resp: 18798
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 24.040 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012912.D
 Acq: 10 Mar 2023 11:46

Tgt Ion:119 Resp: 14275
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 24.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 43.858 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

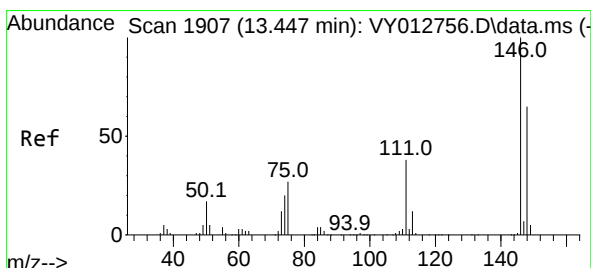
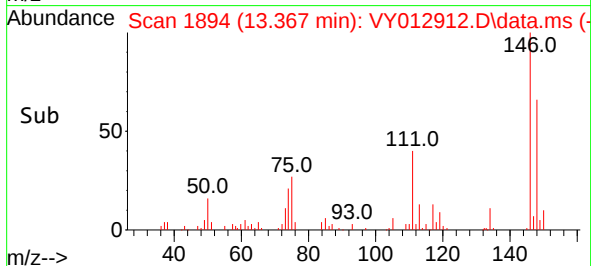
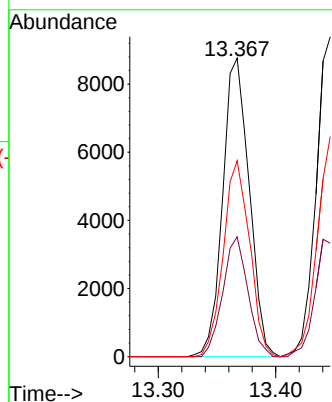
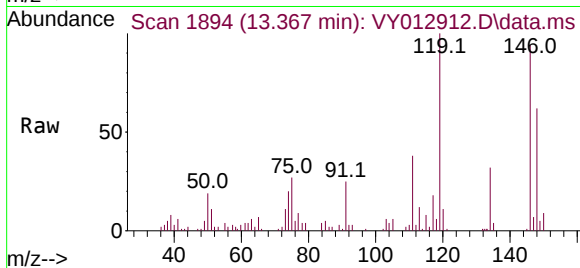
Tgt Ion:146 Resp: 13739

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

148 65.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 45.888 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

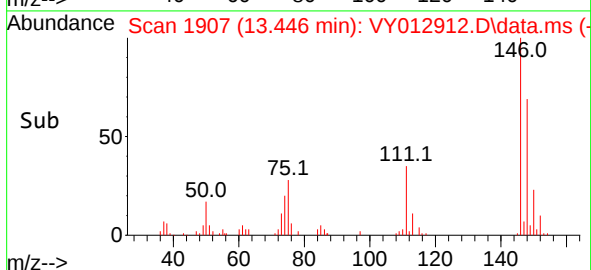
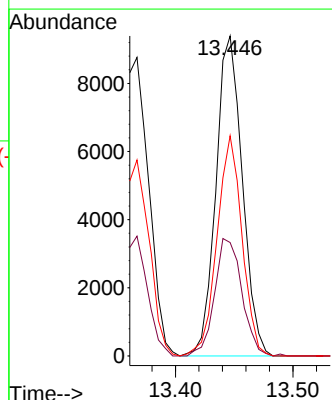
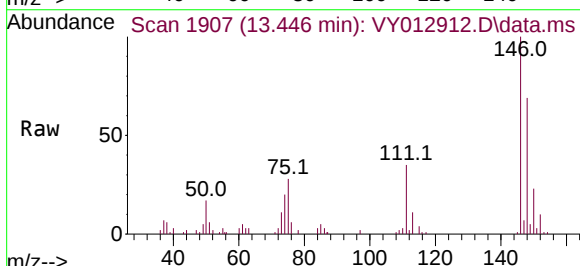
Tgt Ion:146 Resp: 14671

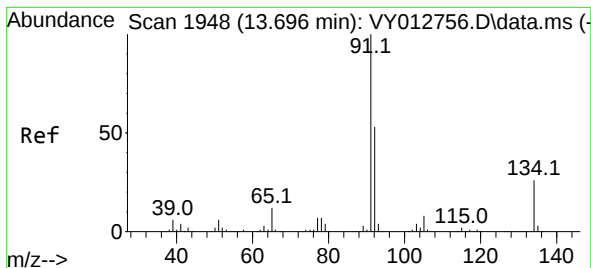
Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

148 65.1 31.5 94.5





#89

n-Butylbenzene

Concen: 18.716 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012912.D

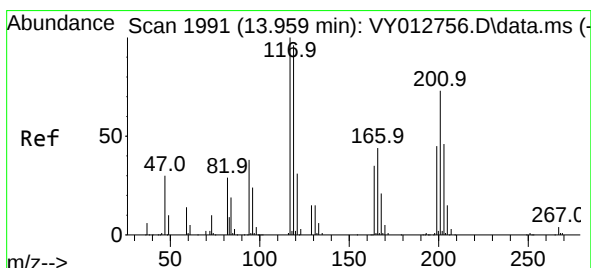
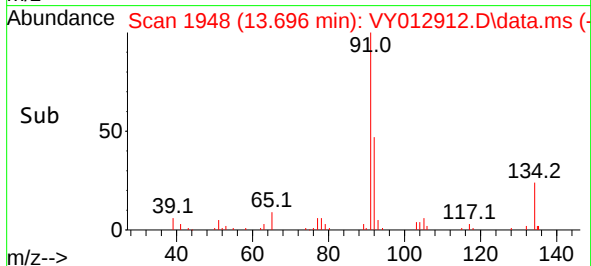
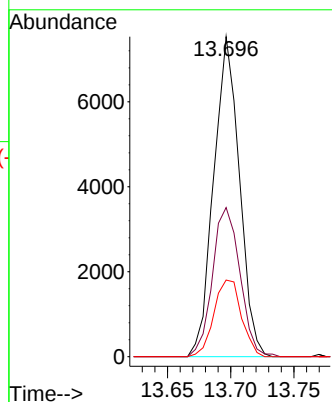
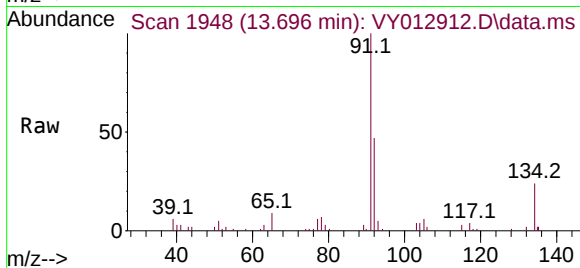
Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 10639
Ion Ratio	Lower Upper
91	100
92	49.9 26.4 79.0
134	25.7 13.0 38.9



#90

Hexachloroethane

Concen: 28.640 ug/l

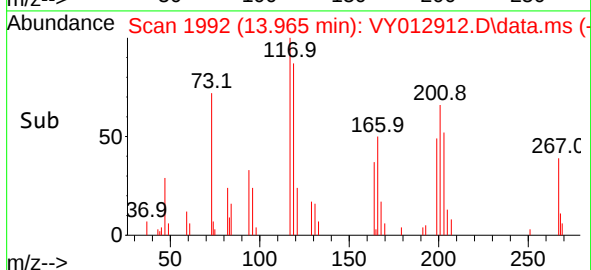
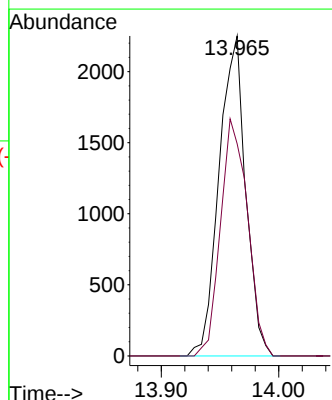
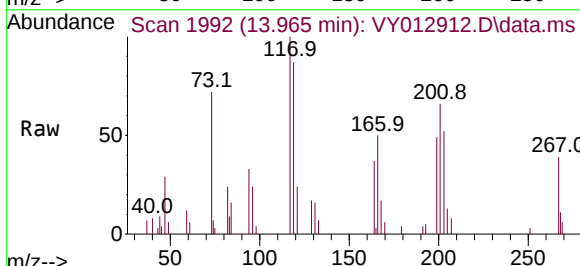
RT: 13.965 min Scan# 1992

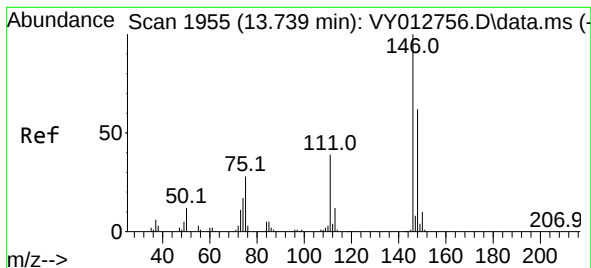
Delta R.T. 0.006 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Tgt Ion: 117	Resp: 3542
Ion Ratio	Lower Upper
117	100
201	75.2 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 49.157 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012912.D

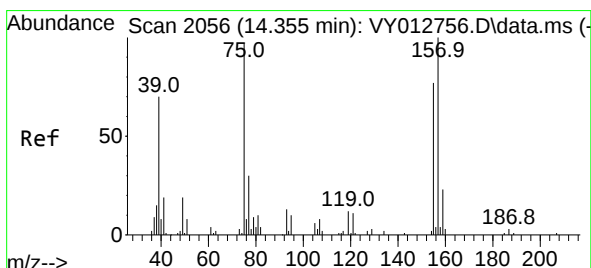
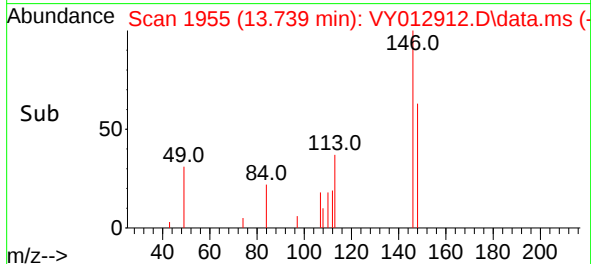
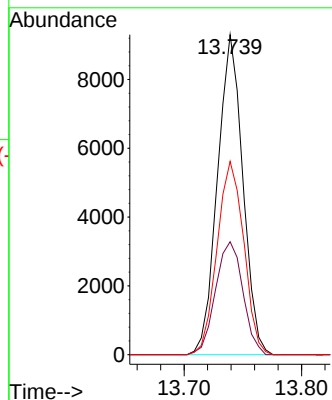
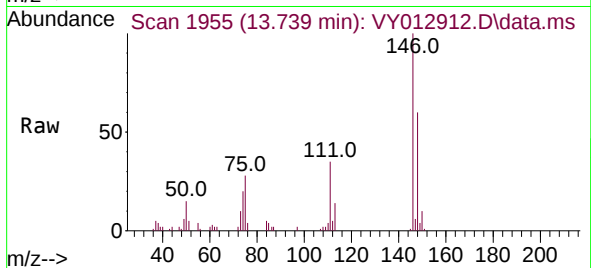
Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	13920
Ion	Ratio	Lower Upper
146	100	
111	38.1	19.7 59.1
148	63.7	31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 142.817 ug/l

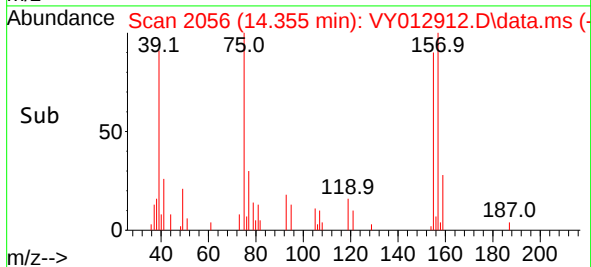
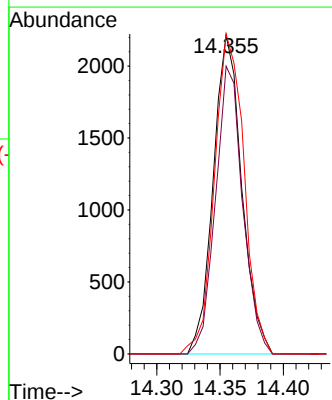
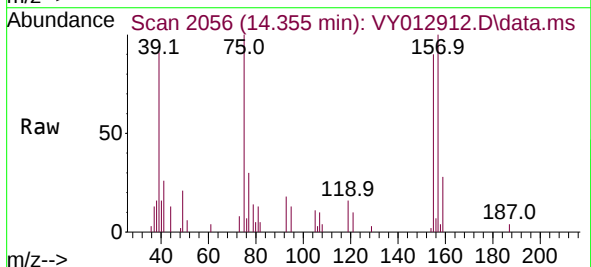
RT: 14.355 min Scan# 2056

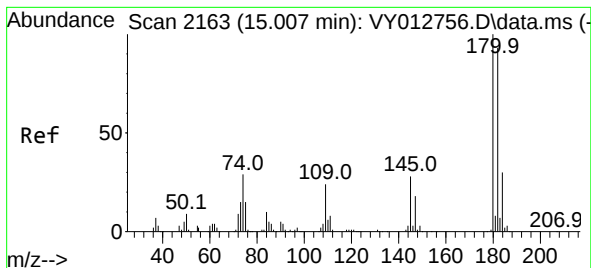
Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Tgt Ion: 75	Resp:	3469
Ion	Ratio	Lower Upper
75	100	
155	86.0	43.8 131.4
157	103.8	54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.460 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

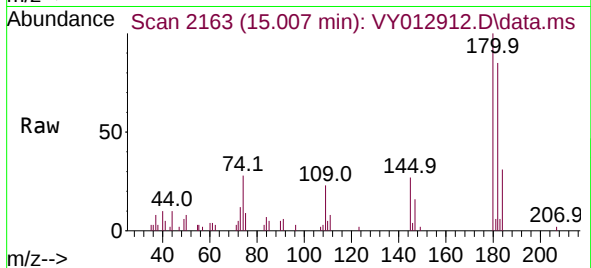
Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :



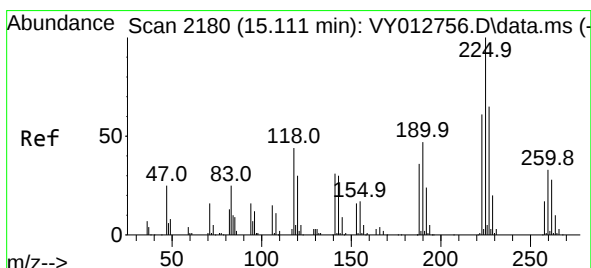
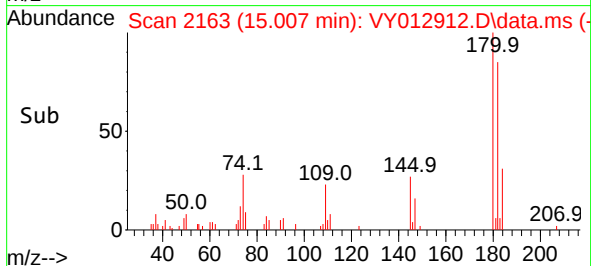
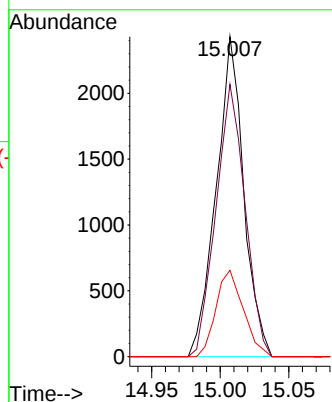
Tgt Ion:180 Resp: 3393

Ion Ratio Lower Upper

180 100

182 89.5 46.7 140.1

145 26.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 11.388 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

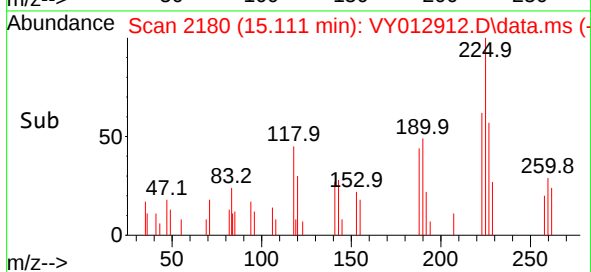
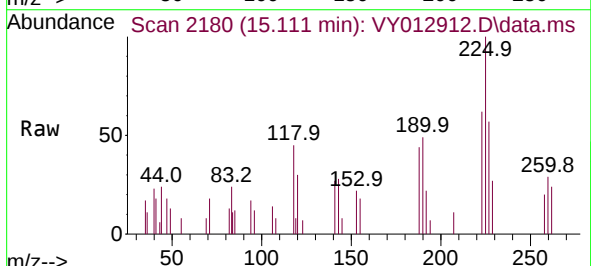
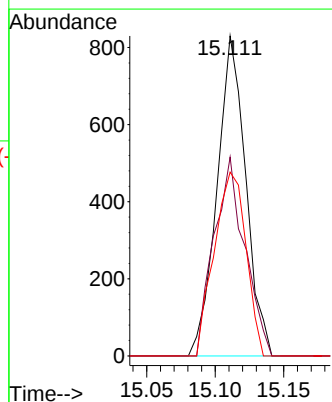
Tgt Ion:225 Resp: 1211

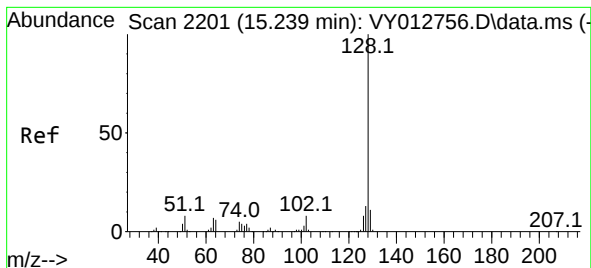
Ion Ratio Lower Upper

225 100

223 66.6 31.1 93.3

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 34.039 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012912.D

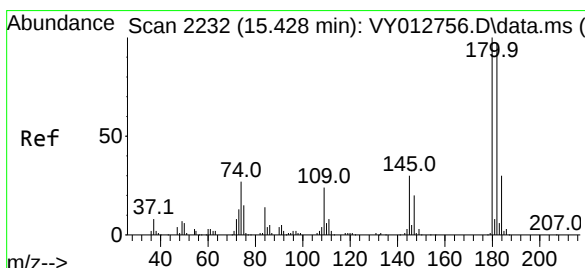
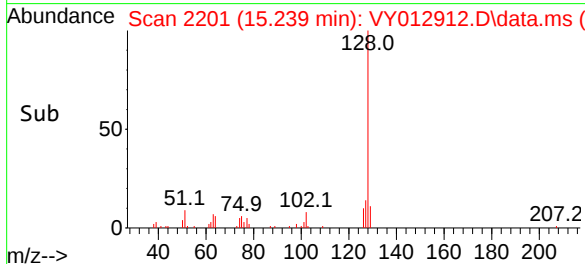
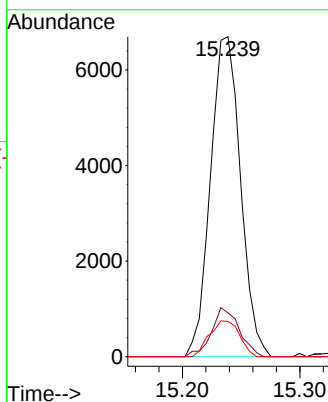
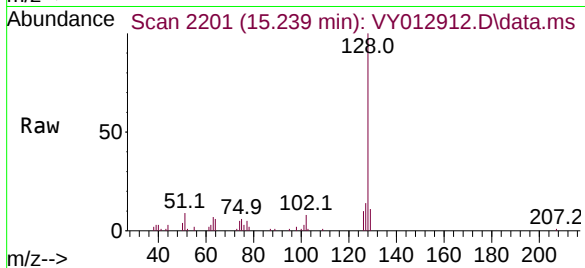
Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	11893
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.3 15.5
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.501 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012912.D

Acq: 10 Mar 2023 11:46

Tgt Ion:180	Resp:	3024
Ion Ratio	Lower	Upper
180	100	
182	89.0	47.4 142.3
145	30.7	15.3 45.8

