

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012910.D
 Acq On : 10 Mar 2023 11:01
 Operator : KP/MD
 Sample : VY0310SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 05:44:56 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	98016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46382	47.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.320%
35) Dibromofluoromethane	7.716	113	43946	49.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.179	98	151724	46.614	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.220%
62) 4-Bromofluorobenzene	12.483	95	54728	49.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21150	21.892	ug/l	98
3) Chloromethane	2.113	50	22844	19.779	ug/l	98
4) Vinyl Chloride	2.253	62	22307	21.062	ug/l	97
5) Bromomethane	2.637	94	14148	21.985	ug/l	93
6) Chloroethane	2.790	64	13879	21.881	ug/l	97
7) Trichlorofluoromethane	3.125	101	39427	22.414	ug/l	93
8) Diethyl Ether	3.527	74	13352	21.661	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	22894	21.633	ug/l	96
10) Methyl Iodide	4.094	142	27070	19.631	ug/l	97
11) Tert butyl alcohol	4.948	59	16631	139.708	ug/l	96
12) 1,1-Dichloroethene	3.869	96	21391	21.193	ug/l	99
13) Acrolein	3.735	56	16489	96.710	ug/l	99
14) Allyl chloride	4.479	41	36155	19.392	ug/l	95
15) Acrylonitrile	5.161	53	38246	117.755	ug/l	99
16) Acetone	3.948	43	42857	112.198	ug/l	95
17) Carbon Disulfide	4.192	76	69415	20.204	ug/l	99
18) Methyl Acetate	4.479	43	25628	22.530	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	57683	22.125	ug/l	99
20) Methylene Chloride	4.716	84	28669	21.537	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	24214	22.076	ug/l	90
22) Diisopropyl ether	6.118	45	72271	21.342	ug/l	94
23) Vinyl Acetate	6.064	43	230314	109.459	ug/l	99
24) 1,1-Dichloroethane	6.021	63	41393	21.451	ug/l	100
25) 2-Butanone	6.984	43	55628	117.579	ug/l	98
26) 2,2-Dichloropropane	6.978	77	37425	21.837	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	26249	22.321	ug/l	97
28) Bromochloromethane	7.332	49	15911	22.563	ug/l	98
29) Tetrahydrofuran	7.344	42	33746	118.265	ug/l	97
30) Chloroform	7.508	83	42860	22.486	ug/l	97
31) Cyclohexane	7.783	56	37662	20.207	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	38260	22.196	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32754	21.953	ug/l	99
37) Ethyl Acetate	7.070	43	22649	24.084	ug/l	99
38) Carbon Tetrachloride	7.899	117	36049	23.397	ug/l	96
39) Methylcyclohexane	9.185	83	37496	21.138	ug/l	99
40) Benzene	8.161	78	94779	22.457	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	30519	60.235	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	29326	23.112	ug/l	100
43) Isopropyl Acetate	8.271	43	38622	23.019	ug/l	100
44) Trichloroethene	8.941	130	25134	22.587	ug/l	99
45) 1,2-Dichloropropane	9.215	63	23740	22.257	ug/l	100
46) Dibromomethane	9.301	93	14350	23.615	ug/l	96
47) Bromodichloromethane	9.496	83	33013	23.054	ug/l	99
48) Methyl methacrylate	9.295	41	17718	22.919	ug/l	96
49) 1,4-Dioxane	9.301	88	4179	531.976	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	110985	121.949	ug/l	99
52) Toluene	10.246	92	58932	23.153	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	34458	22.941	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	38406	22.591	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	20184	23.851	ug/l	97
56) Ethyl methacrylate	10.508	69	26840	23.786	ug/l	97
57) 1,3-Dichloropropane	10.788	76	33893	23.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	71007	119.870	ug/l	98
59) 2-Hexanone	10.831	43	83083	125.609	ug/l	98
60) Dibromochloromethane	10.983	129	24819	24.093	ug/l	100
61) 1,2-Dibromoethane	11.087	107	19339	23.723	ug/l	100
64) Tetrachloroethene	10.721	164	22295	22.785	ug/l	98
65) Chlorobenzene	11.514	112	64185	22.755	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	24602	23.571	ug/l	98
67) Ethyl Benzene	11.593	91	108912	21.962	ug/l	100
68) m/p-Xylenes	11.703	106	86058	45.109	ug/l	99
69) o-Xylene	12.032	106	39989	22.459	ug/l	97
70) Styrene	12.044	104	68785	23.150	ug/l	99
71) Bromoform	12.209	173	16659	24.480	ug/l #	99
73) Isopropylbenzene	12.331	105	107203	21.085	ug/l	100
74) N-amyl acetate	12.142	43	33822	21.142	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	26166	22.894	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	32649	38.110	ug/l #	100
77) Bromobenzene	12.611	156	26863	21.748	ug/l	97
78) n-propylbenzene	12.672	91	132157	21.083	ug/l	100
79) 2-Chlorotoluene	12.758	91	73749	21.168	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	90528	21.575	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9163	22.161	ug/l	99
82) 4-Chlorotoluene	12.855	91	78721	21.828	ug/l	98
83) tert-Butylbenzene	13.075	119	77701	21.455	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	89380	21.784	ug/l	99
85) sec-Butylbenzene	13.251	105	119178	21.570	ug/l	99
86) p-Isopropyltoluene	13.367	119	98351	21.781	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	52886	22.200	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	53282	21.915	ug/l	99
89) n-Butylbenzene	13.696	91	90568	20.951	ug/l	100
90) Hexachloroethane	13.959	117	19970	21.234	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	48097	22.335	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4422	23.940	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	28541	21.526	ug/l	98
94) Hexachlorobutadiene	15.111	225	17705	21.893	ug/l	98
95) Naphthalene	15.233	128	57044	21.469	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	26217	22.233	ug/l	99

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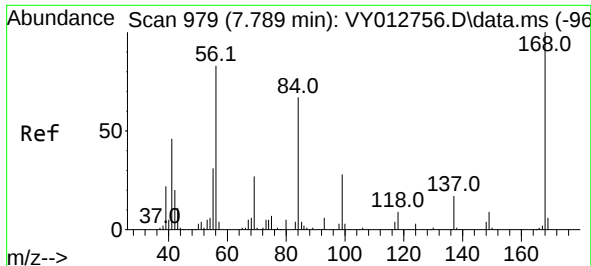
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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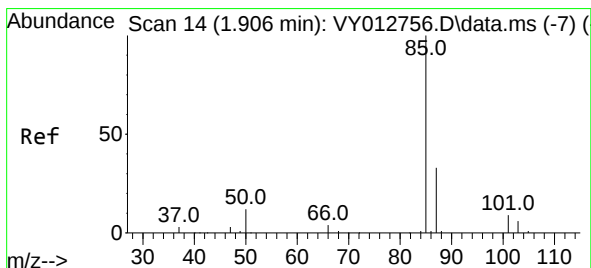
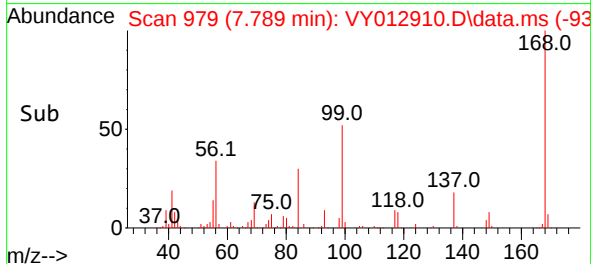
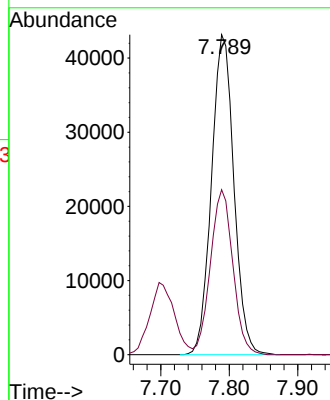
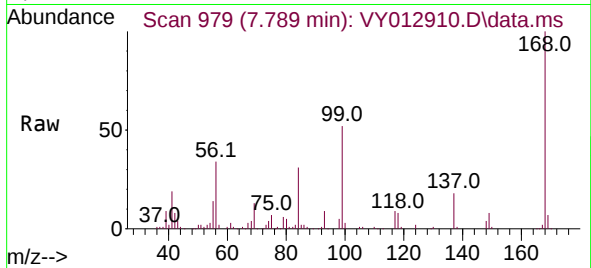




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

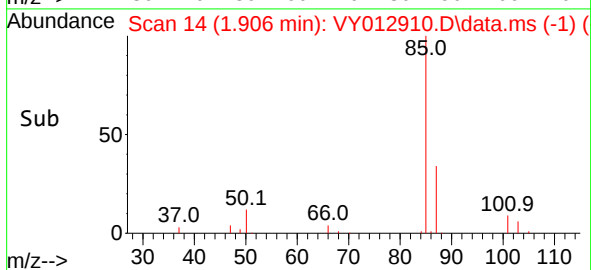
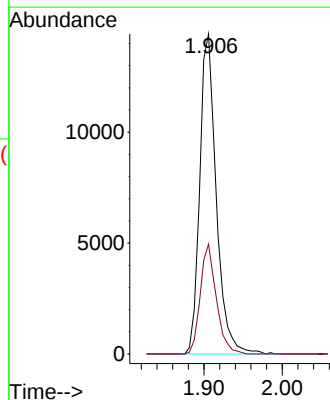
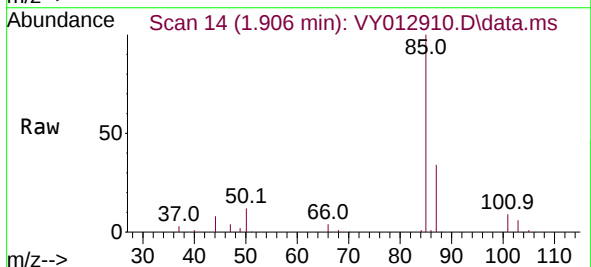
Instrument :
MSVOA_Y
ClientSampleId :

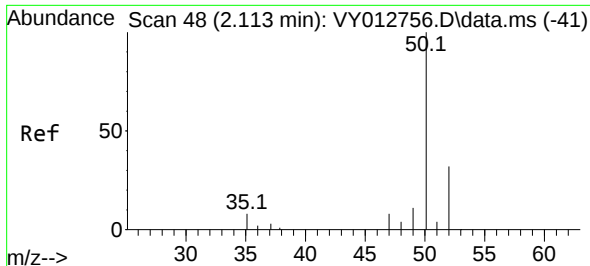
Tgt Ion:168 Resp: 98016
Ion Ratio Lower Upper
168 100
99 51.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.892 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

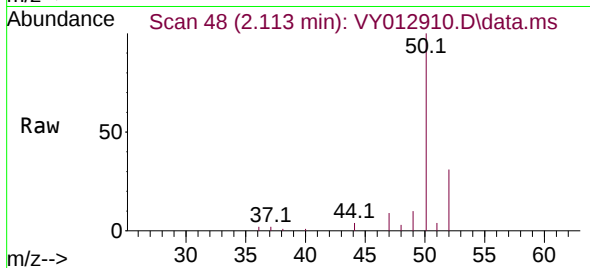
Tgt Ion: 85 Resp: 21150
Ion Ratio Lower Upper
85 100
87 34.3 16.7 50.0



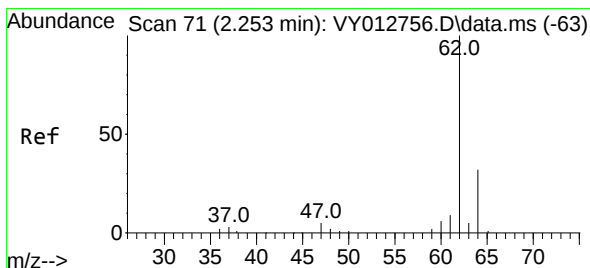
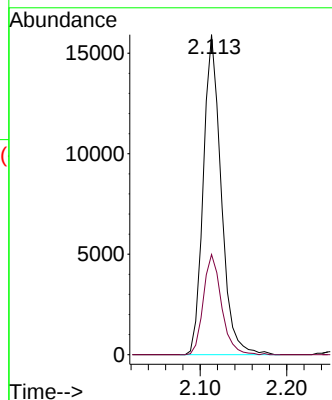
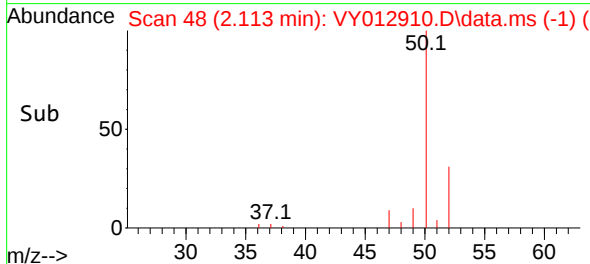


#3
Chloromethane
Concen: 19.779 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Instrument :
MSVOA_Y
ClientSampleId :

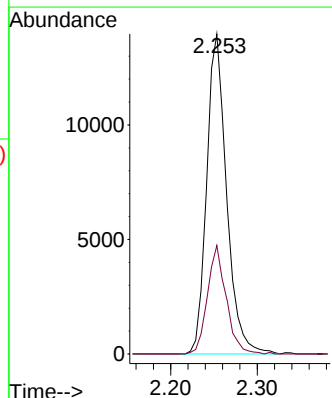
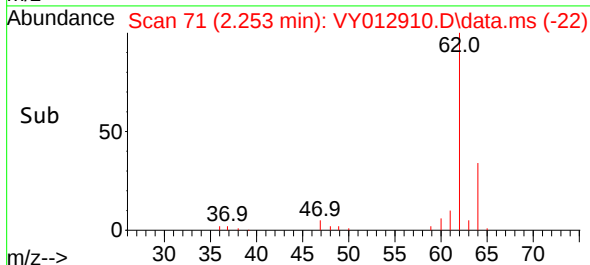
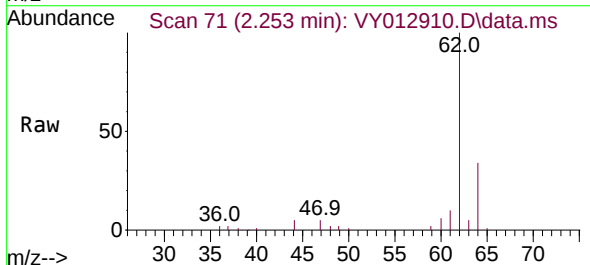


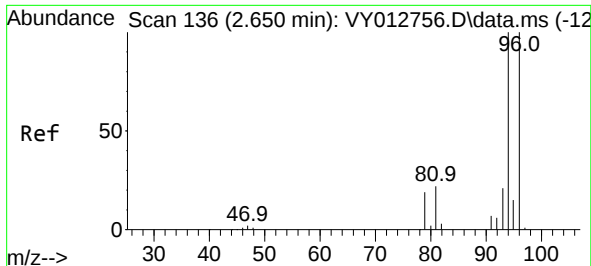
Tgt Ion: 50 Resp: 22844
Ion Ratio Lower Upper
50 100
52 31.3 26.0 39.0



#4
Vinyl Chloride
Concen: 21.062 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 62 Resp: 22307
Ion Ratio Lower Upper
62 100
64 33.9 25.6 38.4

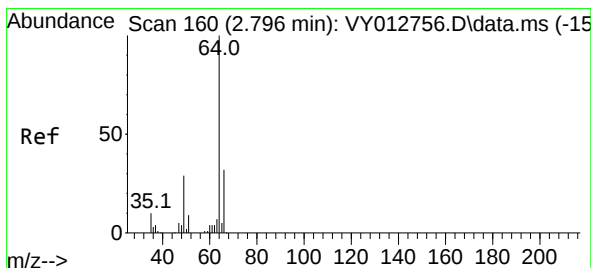
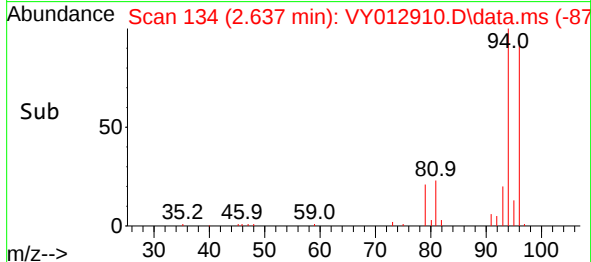
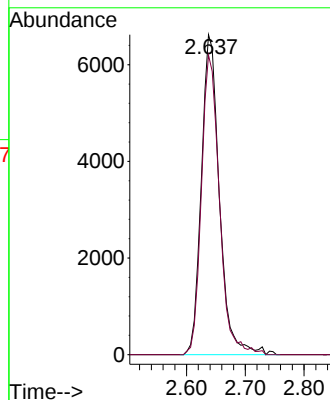
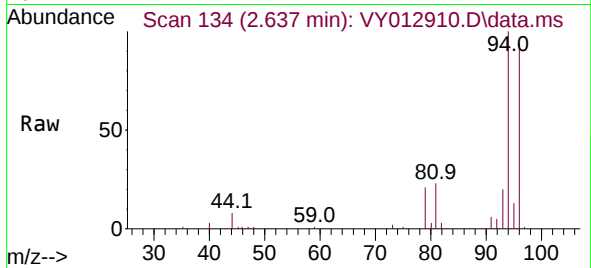




#5
Bromomethane
Concen: 21.985 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

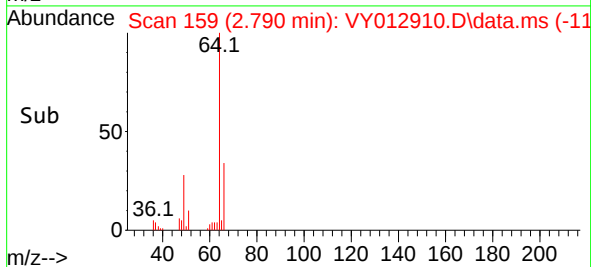
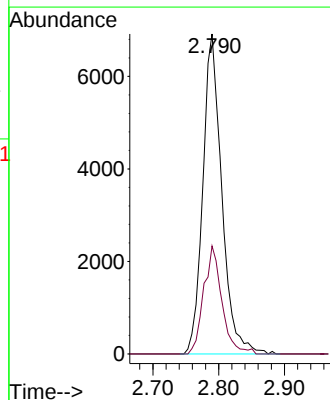
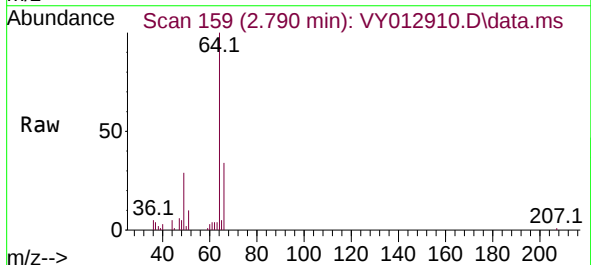
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 14148
Ion Ratio Lower Upper
94 100
96 93.6 80.3 120.5



#6
Chloroethane
Concen: 21.881 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 64 Resp: 13879
Ion Ratio Lower Upper
64 100
66 33.8 25.7 38.5

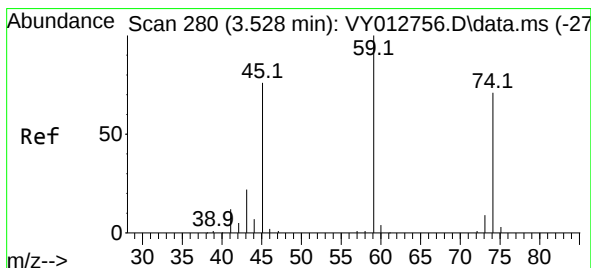
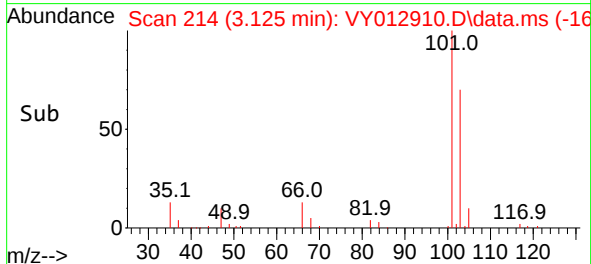
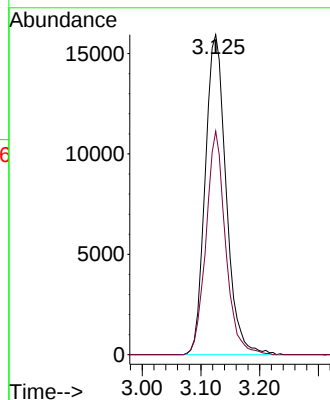
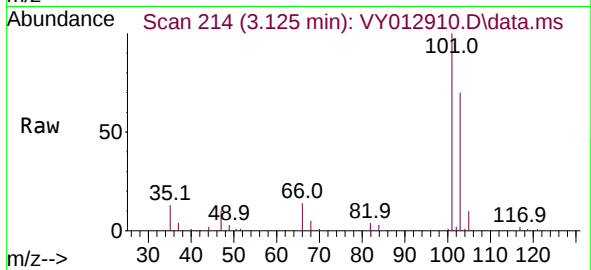




#7
 Trichlorofluoromethane
 Concen: 22.414 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012910.D
 Acq: 10 Mar 2023 11:01

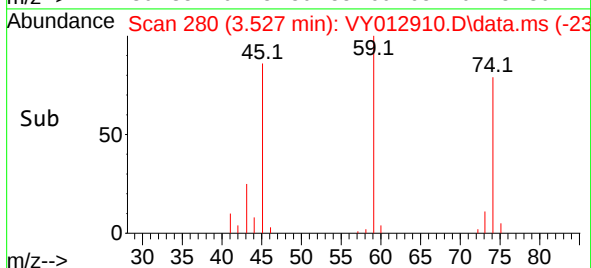
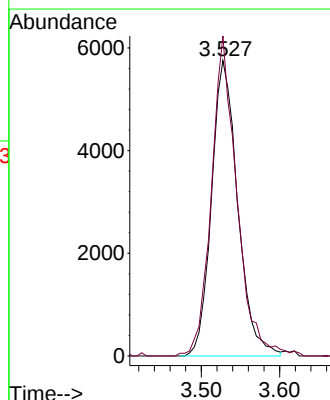
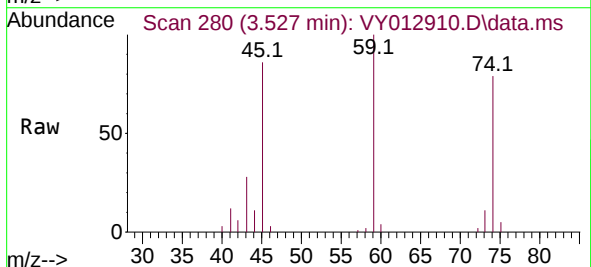
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 39427
 Ion Ratio Lower Upper
 101 100
 103 69.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.661 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012910.D
 Acq: 10 Mar 2023 11:01

Tgt Ion: 74 Resp: 13352
 Ion Ratio Lower Upper
 74 100
 45 105.5 52.1 156.4

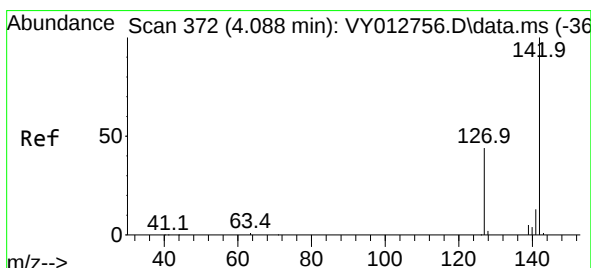
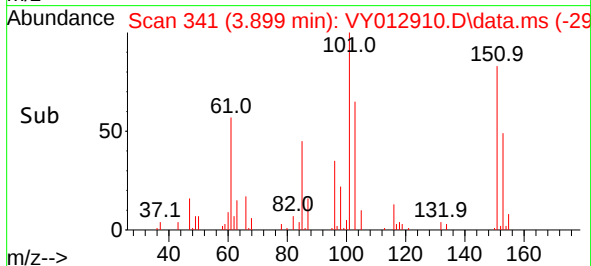
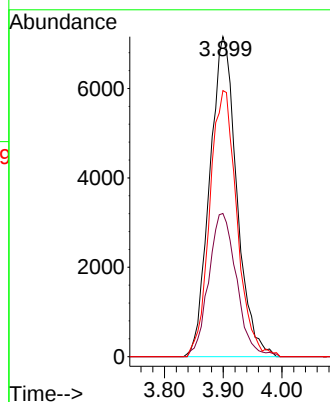
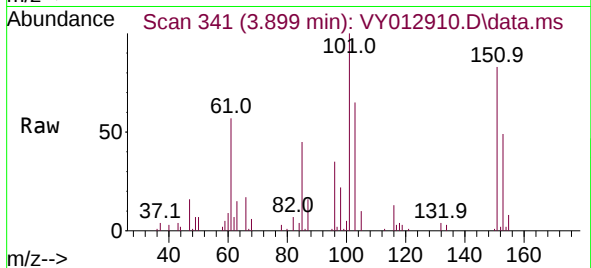




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.633 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012910.D
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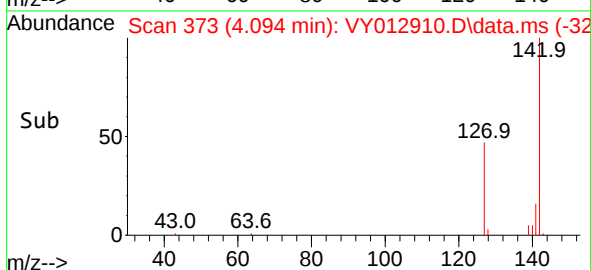
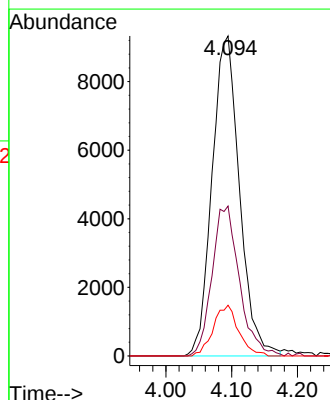
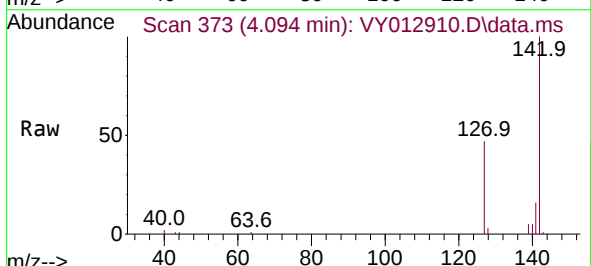
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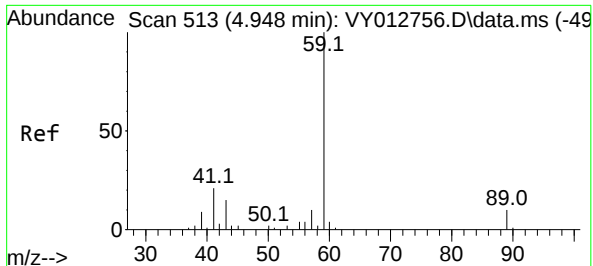
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Ion Ratio Lower Upper
101 100
85 45.9 35.3 52.9
151 83.3 63.1 94.7



#10
Methyl Iodide
Concen: 19.631 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion:142 Resp: 27070
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.2
141 14.7 11.3 16.9

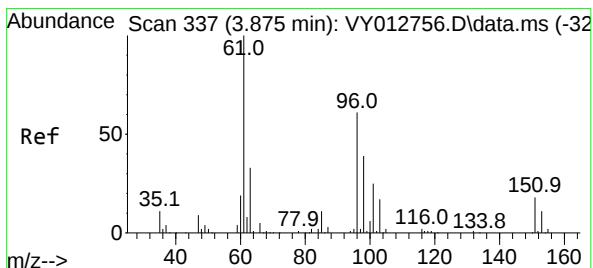
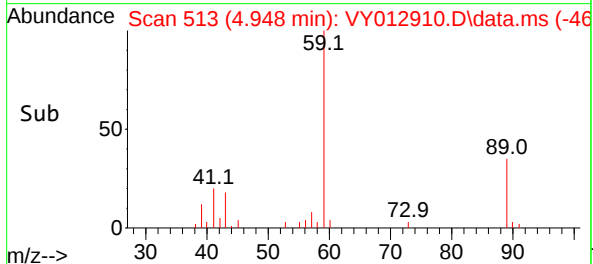
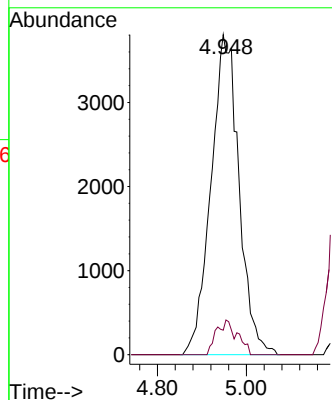
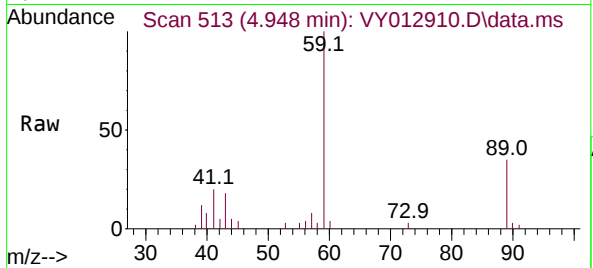




#11
Tert butyl alcohol
Concen: 139.708 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

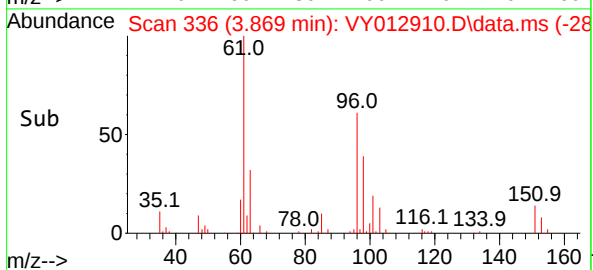
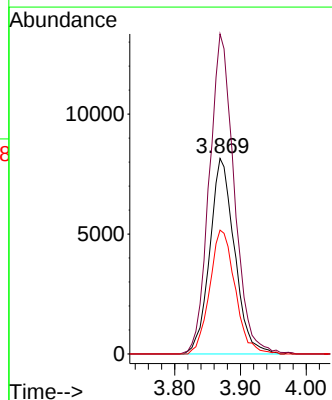
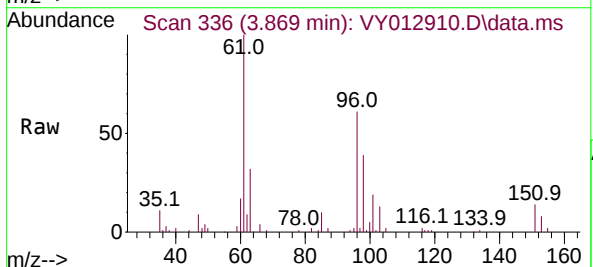
Instrument :
MSVOA_Y
ClientSampleId :

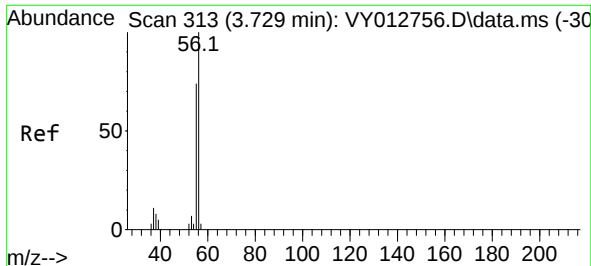
Tgt Ion: 59 Resp: 16631
Ion Ratio Lower Upper
59 100
57 8.0 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.193 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 96 Resp: 21391
Ion Ratio Lower Upper
96 100
61 163.6 131.7 197.5
98 63.3 52.0 78.0





#13

Acrolein

Concen: 96.710 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

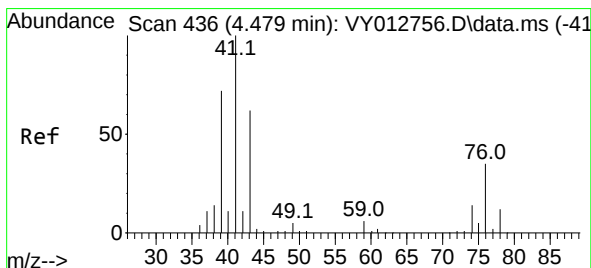
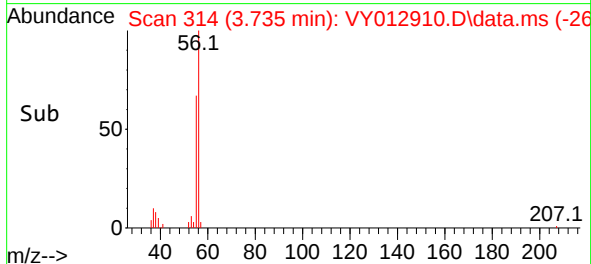
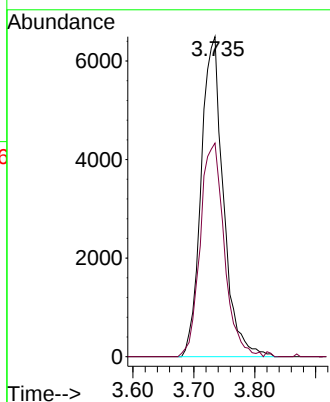
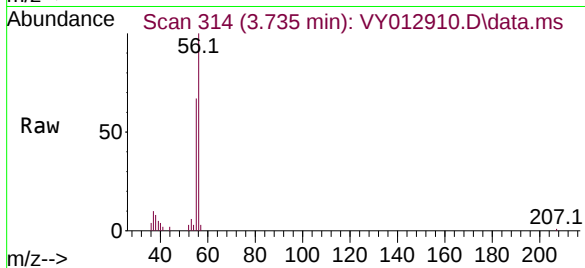
ClientSampleId :

Tgt Ion: 56 Resp: 16489

Ion Ratio Lower Upper

56 100

55 71.9 56.8 85.2



#14

Allyl chloride

Concen: 19.392 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

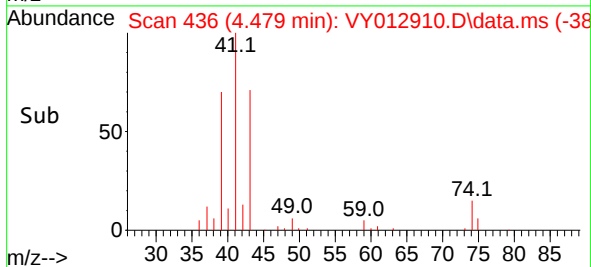
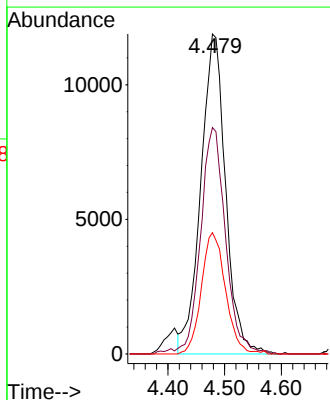
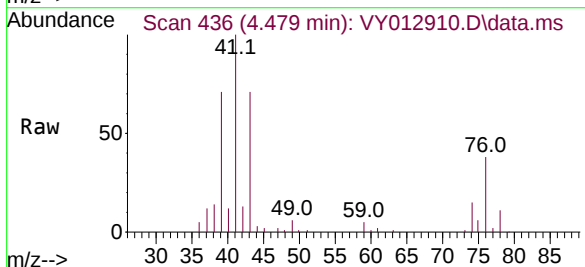
Tgt Ion: 41 Resp: 36155

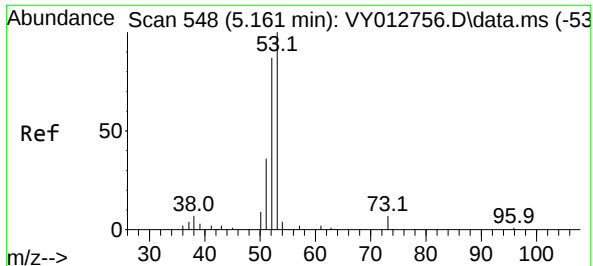
Ion Ratio Lower Upper

41 100

39 71.6 53.6 80.4

76 36.9 27.2 40.8

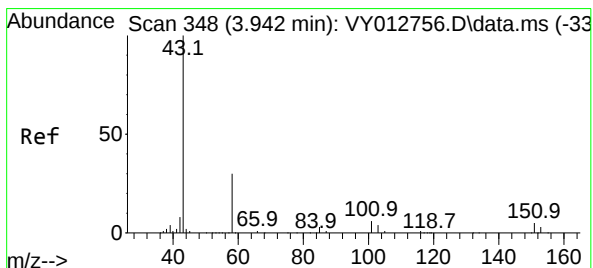
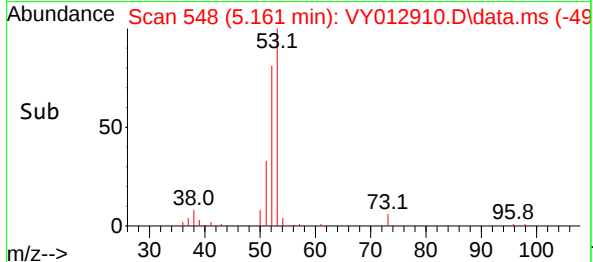
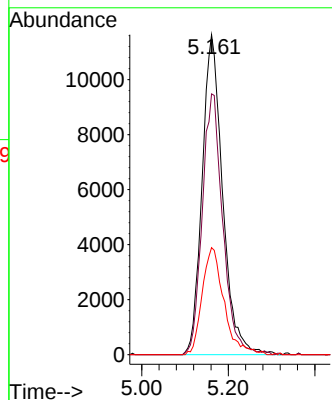
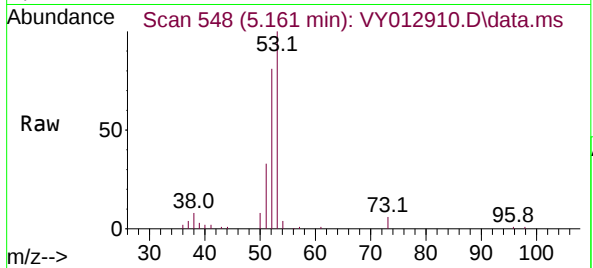




#15
Acrylonitrile
Concen: 117.755 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

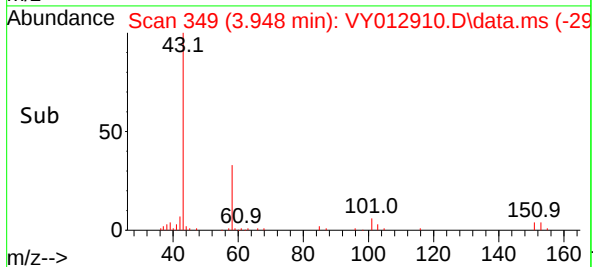
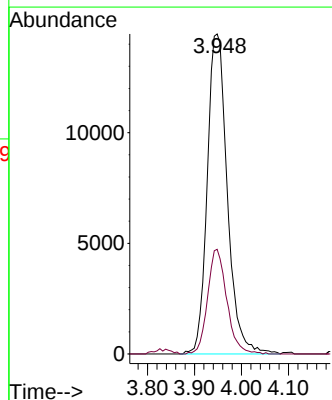
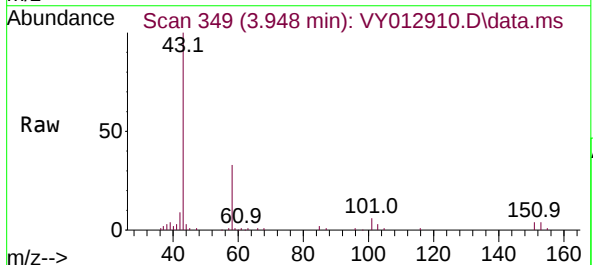
Instrument :
MSVOA_Y
ClientSampleId :

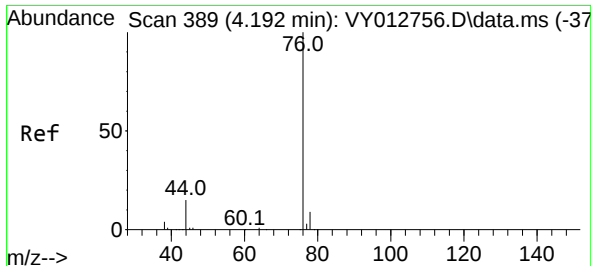
Tgt Ion: 53	Resp: 38246
Ion Ratio	Lower Upper
53 100	
52 81.3	66.3 99.5
51 35.6	28.8 43.2



#16
Acetone
Concen: 112.198 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 43	Resp: 42857
Ion Ratio	Lower Upper
43 100	
58 32.7	24.2 36.2

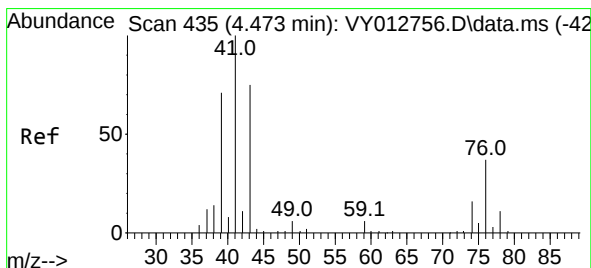
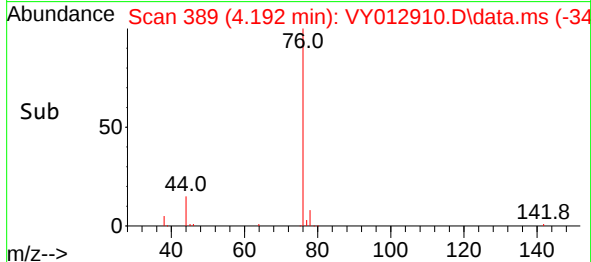
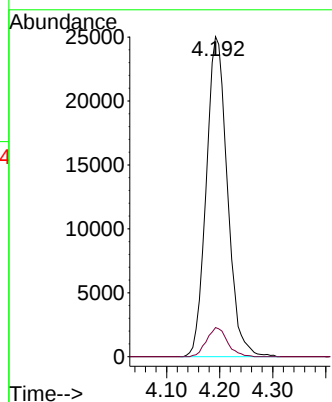
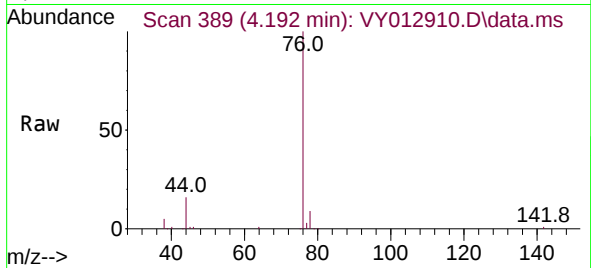




#17
Carbon Disulfide
Concen: 20.204 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

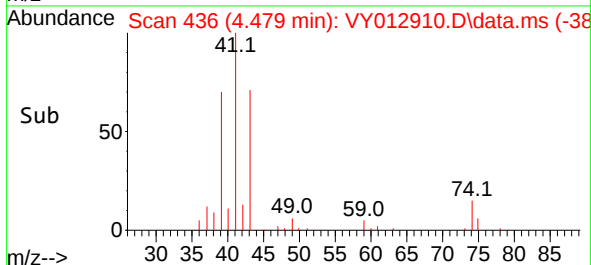
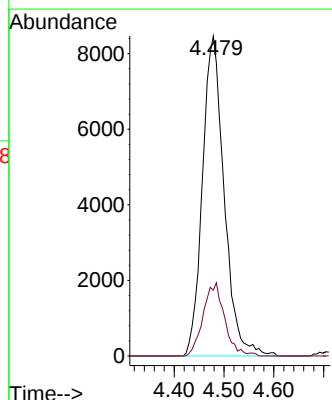
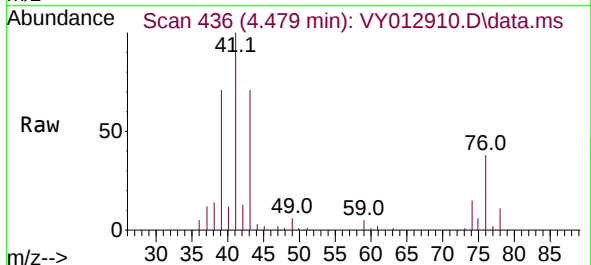
Instrument :
MSVOA_Y
ClientSampleId :

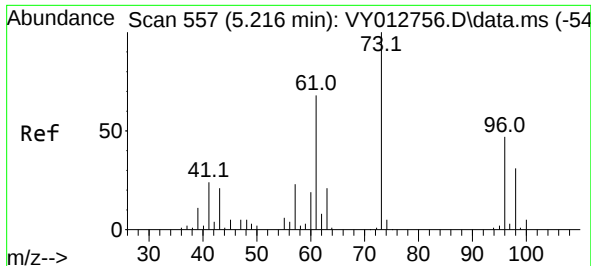
Tgt Ion: 76 Resp: 69415
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 22.530 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 43 Resp: 25628
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0

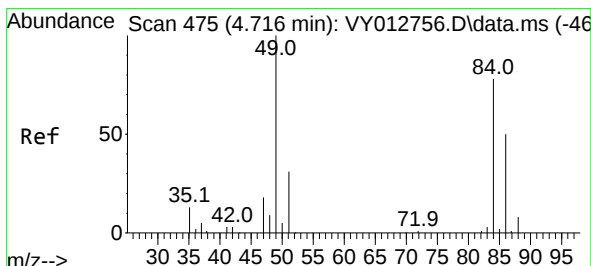
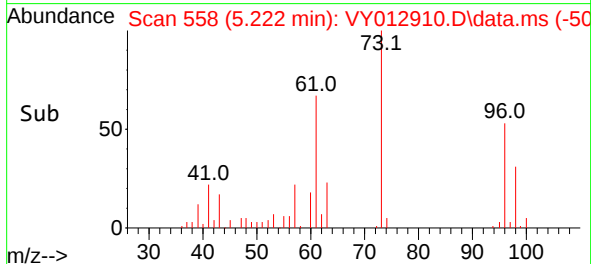
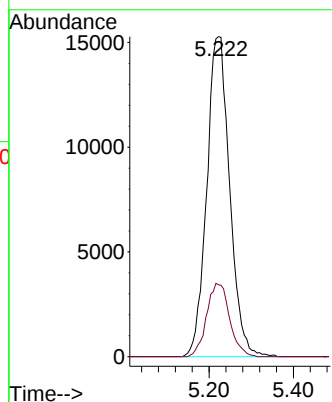
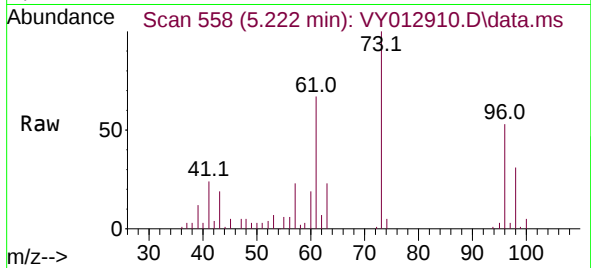




#19
Methyl tert-butyl Ether
Concen: 22.125 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

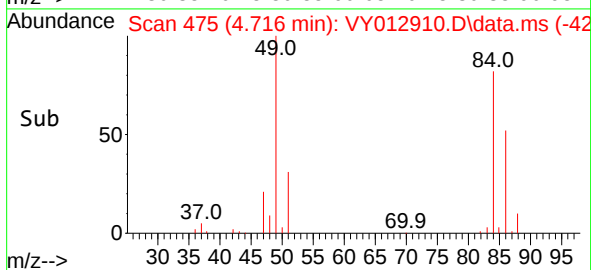
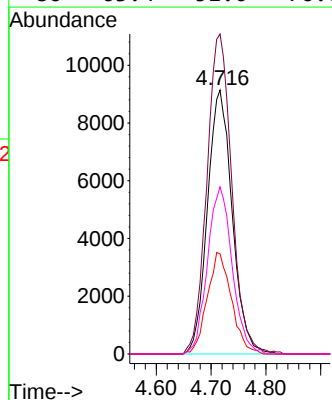
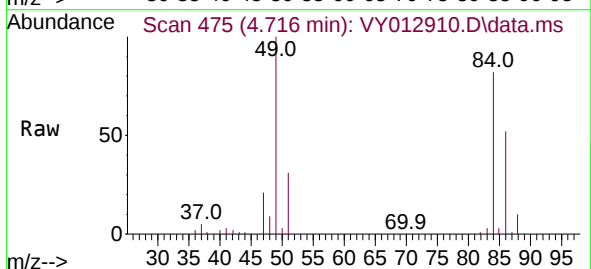
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 57683
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 21.537 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 84 Resp: 28669
Ion Ratio Lower Upper
84 100
49 121.3 102.6 154.0
51 38.0 31.9 47.9
86 63.4 51.0 76.6

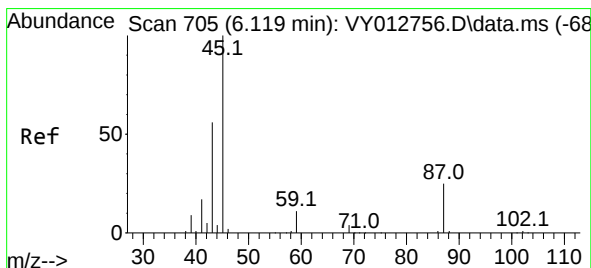
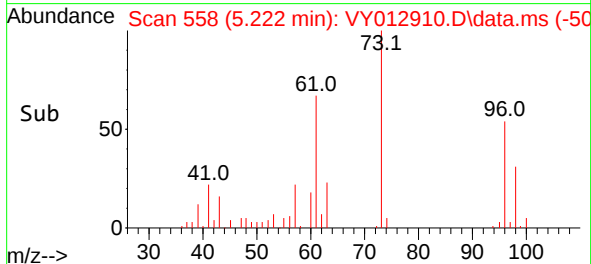
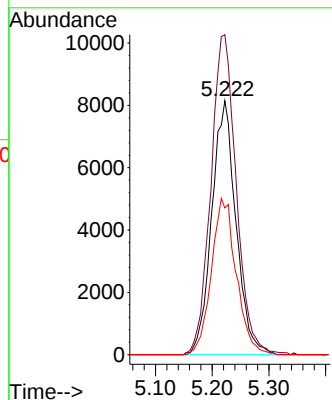
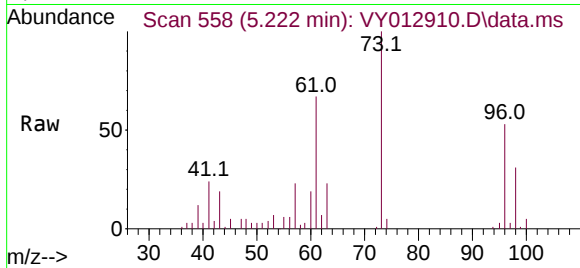




#21
trans-1,2-Dichloroethene
Concen: 22.076 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

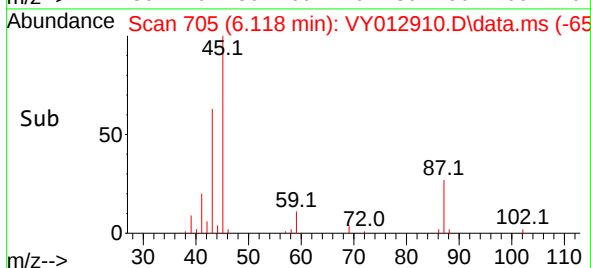
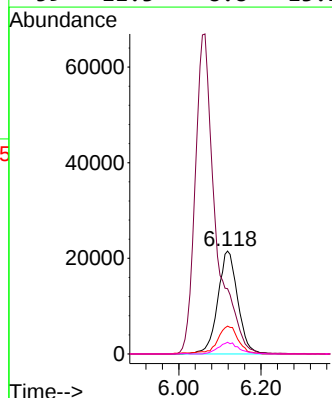
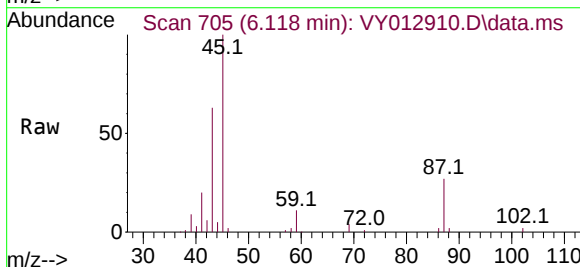
Instrument :
MSVOA_Y
ClientSampleId :

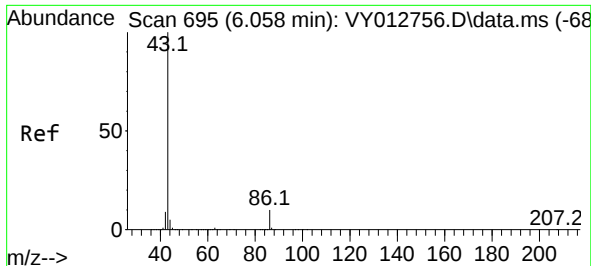
Tgt Ion: 96 Resp: 24214
Ion Ratio Lower Upper
96 100
61 126.0 111.4 167.0
98 57.8 50.8 76.2



#22
Diisopropyl ether
Concen: 21.342 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 45 Resp: 72271
Ion Ratio Lower Upper
45 100
43 62.7 45.0 67.6
87 27.0 20.3 30.5
59 11.3 8.8 13.2

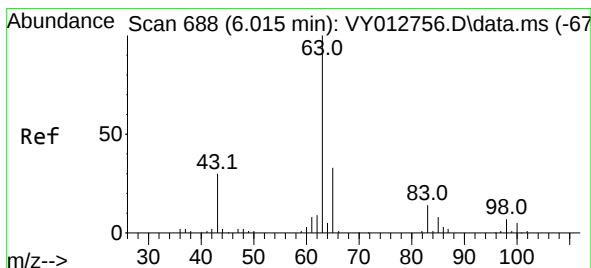
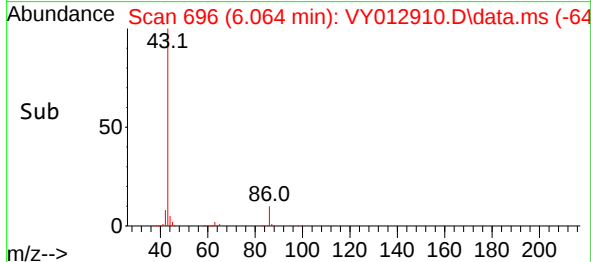
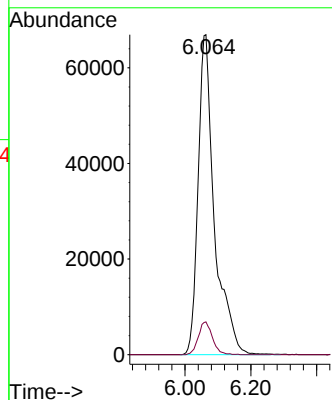
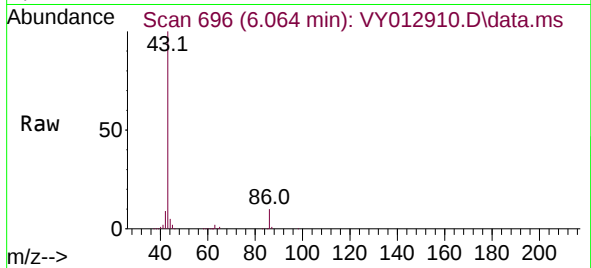




#23
 Vinyl Acetate
 Concen: 109.459 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012910.D
 Acq: 10 Mar 2023 11:01

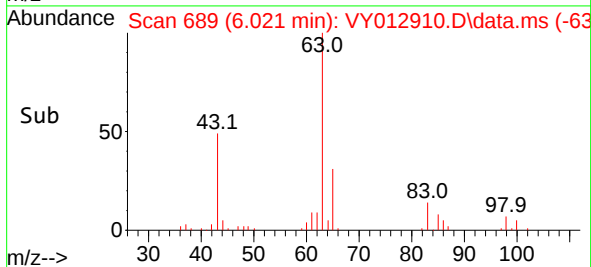
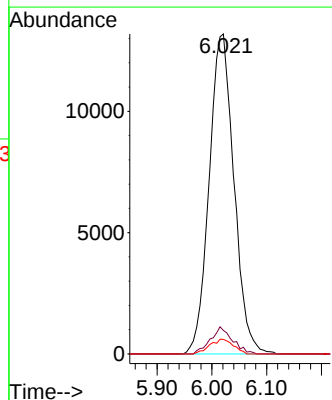
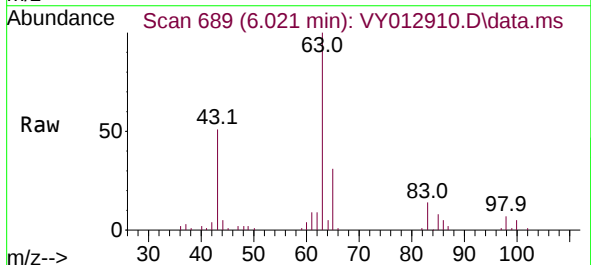
Instrument :
 MSVOA_Y
 ClientSampleId :

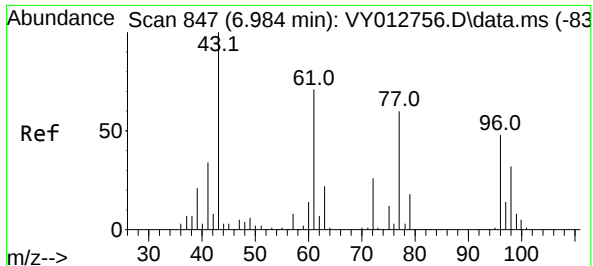
Tgt Ion: 43 Resp: 230314
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.451 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012910.D
 Acq: 10 Mar 2023 11:01

Tgt Ion: 63 Resp: 41393
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 117.579 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

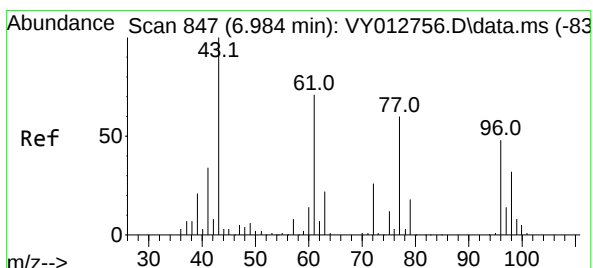
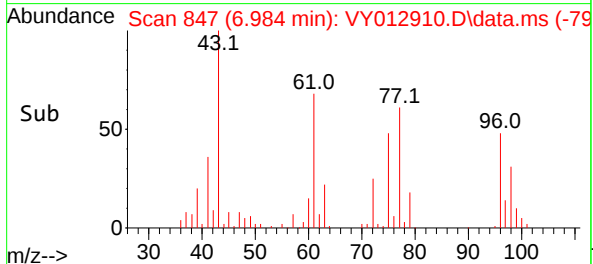
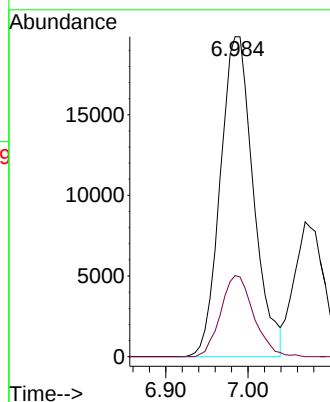
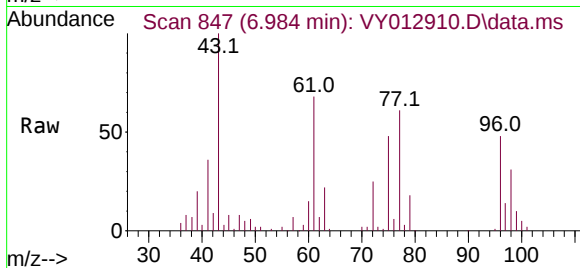
ClientSampleId :

Tgt Ion: 43 Resp: 55628

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.837 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012910.D

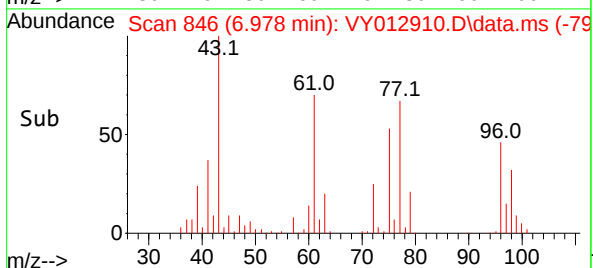
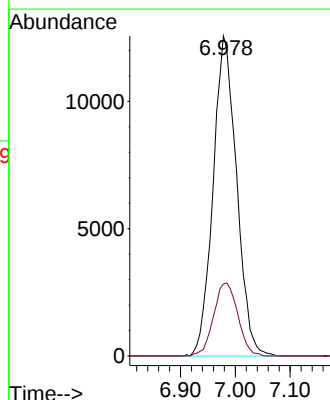
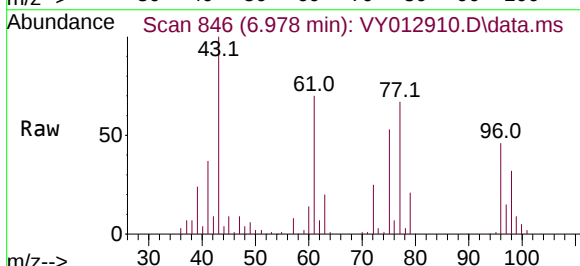
Acq: 10 Mar 2023 11:01

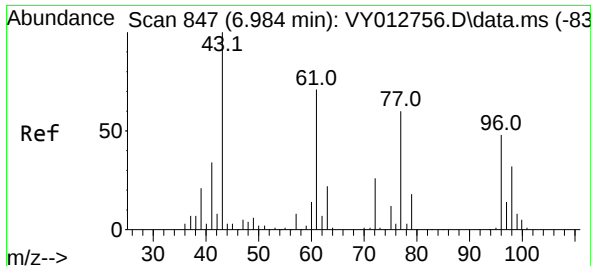
Tgt Ion: 77 Resp: 37425

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0

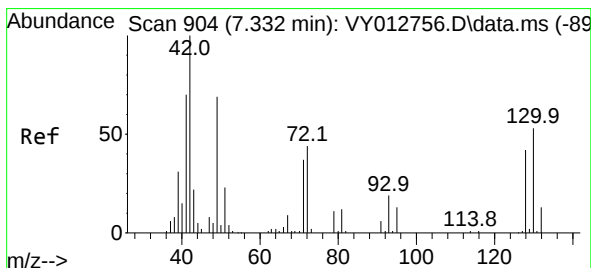
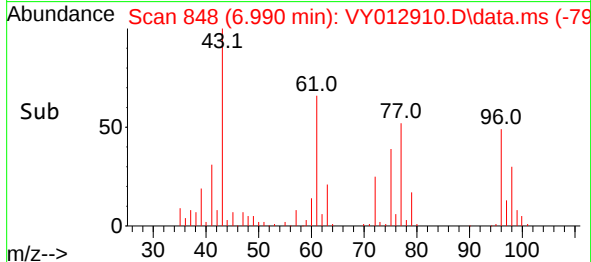
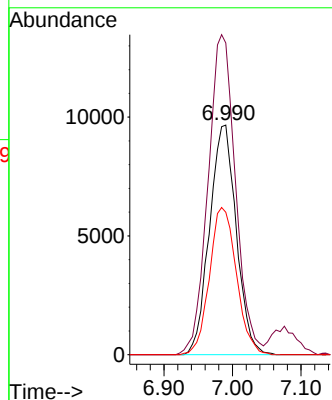
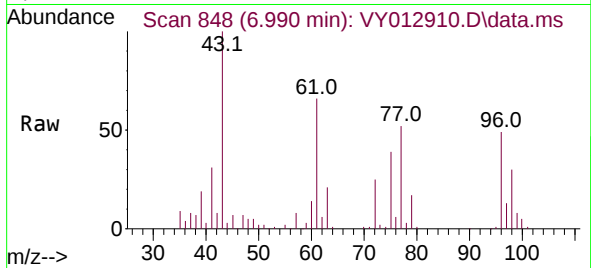




#27
cis-1,2-Dichloroethene
Concen: 22.321 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

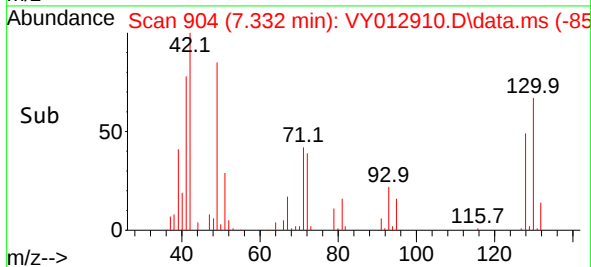
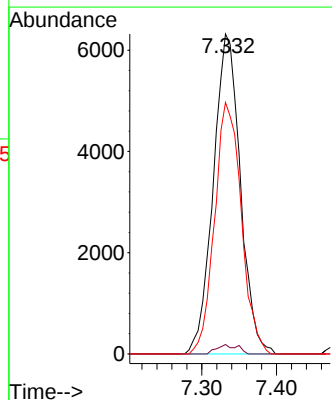
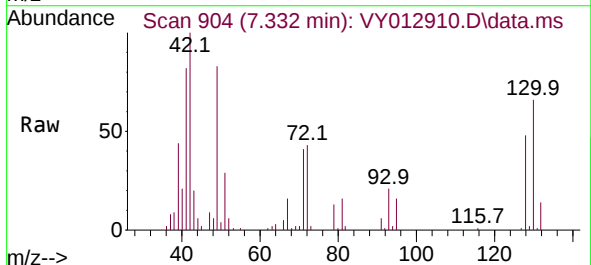
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 26249
Ion Ratio Lower Upper
96 100
61 143.2 0.0 295.8
98 64.6 0.0 130.2



#28
Bromochloromethane
Concen: 22.563 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 49 Resp: 15911
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 77.5 60.5 90.7





#29

Tetrahydrofuran

Concen: 118.265 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

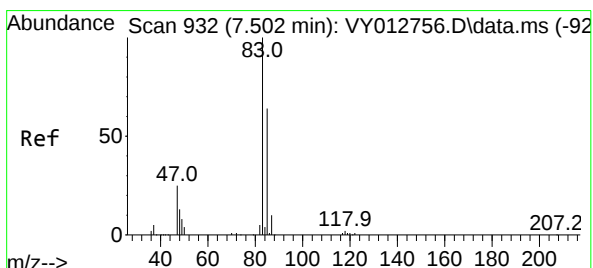
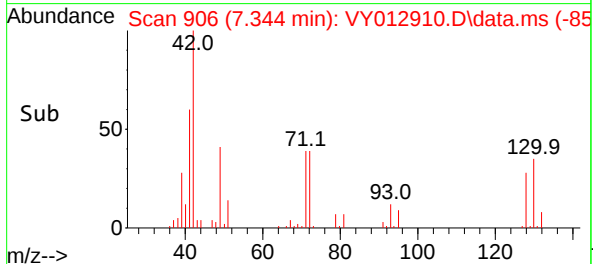
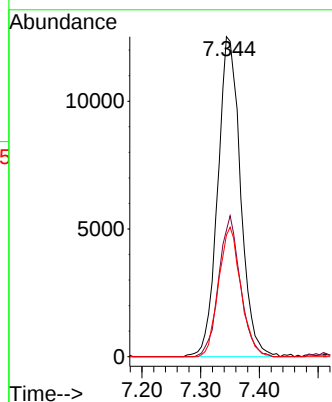
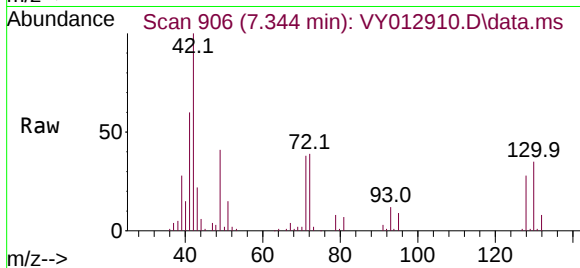
Tgt Ion: 42 Resp: 33746

Ion Ratio Lower Upper

42 100

72 41.8 32.3 48.5

71 39.6 30.3 45.5



#30

Chloroform

Concen: 22.486 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012910.D

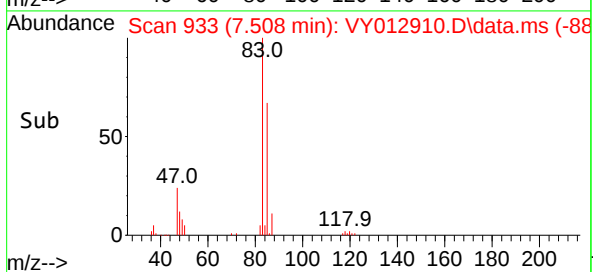
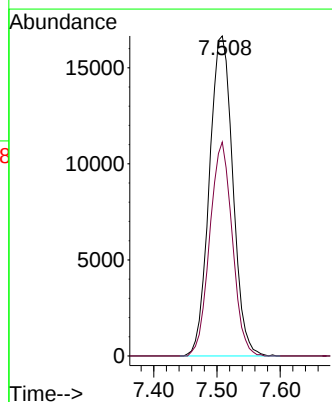
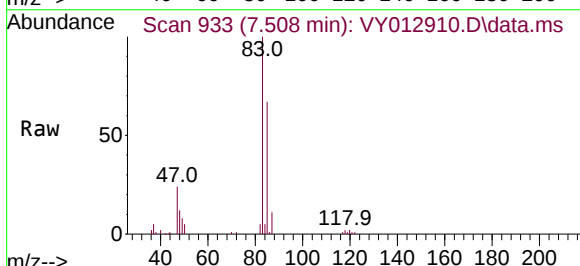
Acq: 10 Mar 2023 11:01

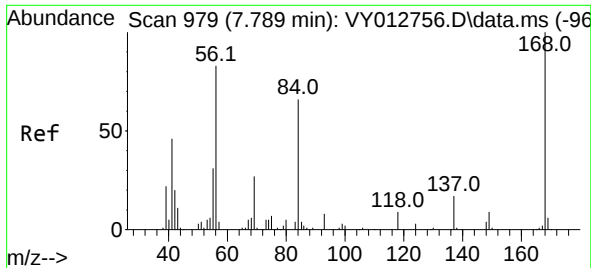
Tgt Ion: 83 Resp: 42860

Ion Ratio Lower Upper

83 100

85 66.8 51.4 77.0

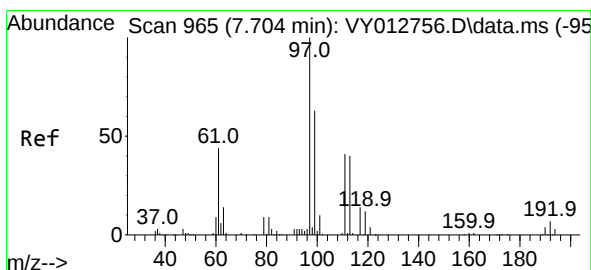
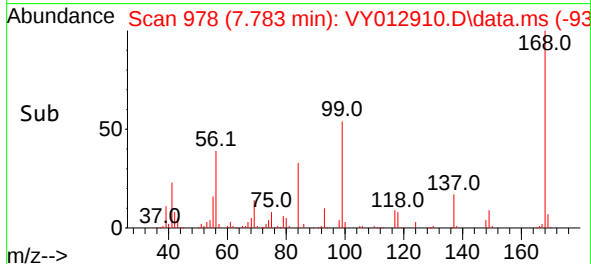
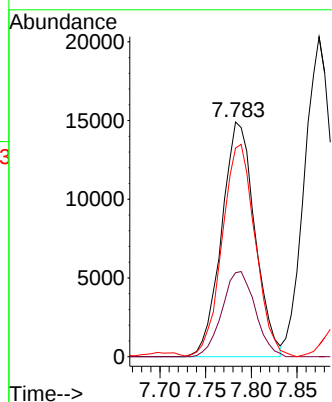
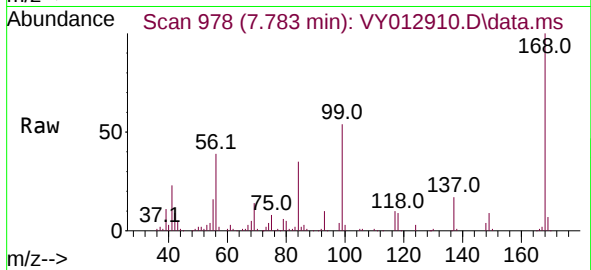




#31
Cyclohexane
Concen: 20.207 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

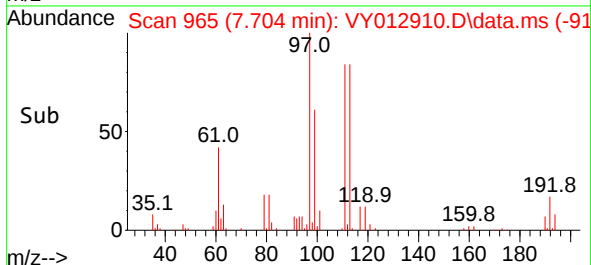
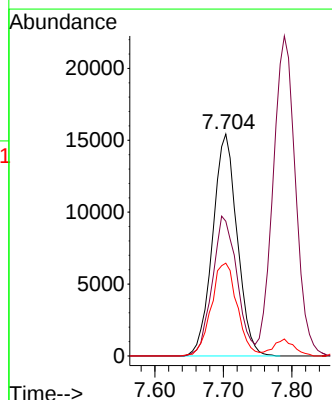
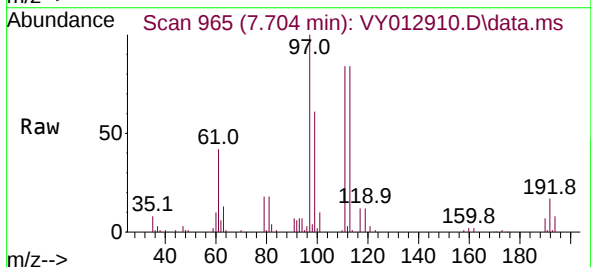
Instrument :
MSVOA_Y
ClientSampleId :

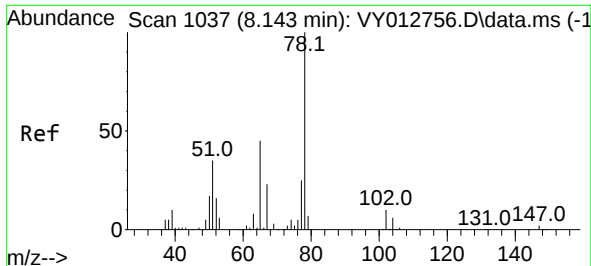
Tgt Ion: 56 Resp: 37662
Ion Ratio Lower Upper
56 100
69 35.8 25.7 38.5
84 88.1 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 22.196 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 97 Resp: 38260
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 44.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.661 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

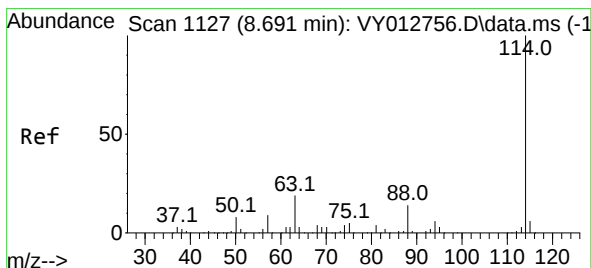
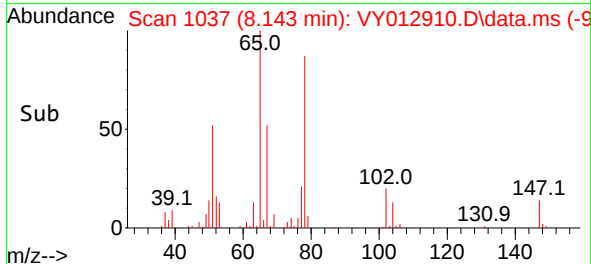
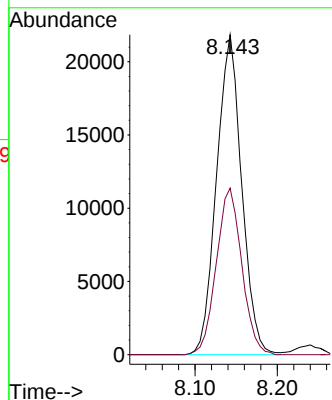
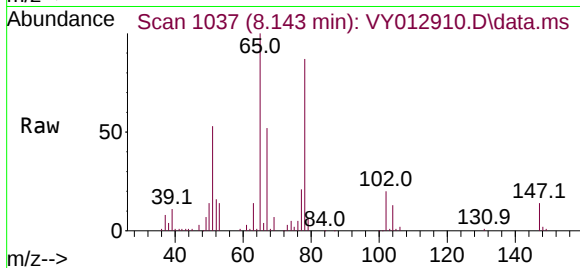
ClientSampleId :

Tgt Ion: 65 Resp: 46382

Ion Ratio Lower Upper

65 100

67 52.7 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: VY012910.D

Acq: 10 Mar 2023 11:01

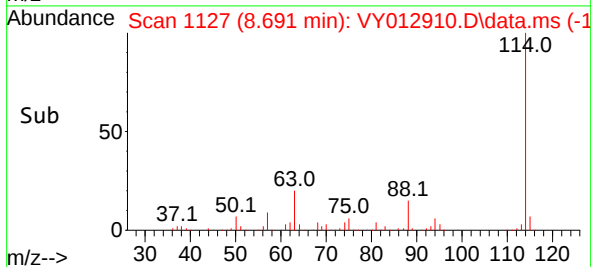
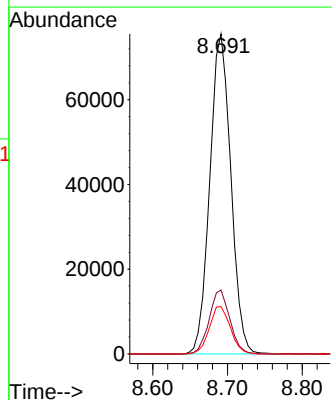
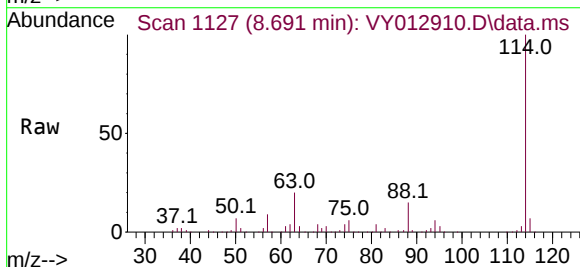
Tgt Ion: 114 Resp: 147531

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

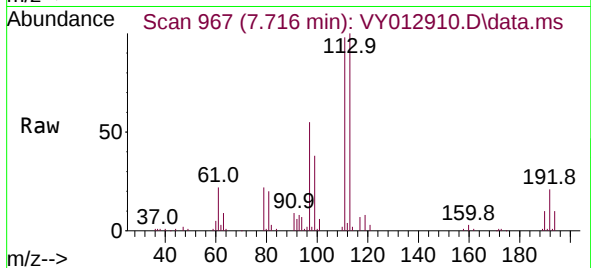
88 14.8 0.0 28.6



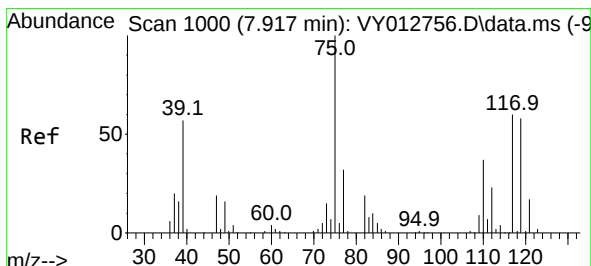
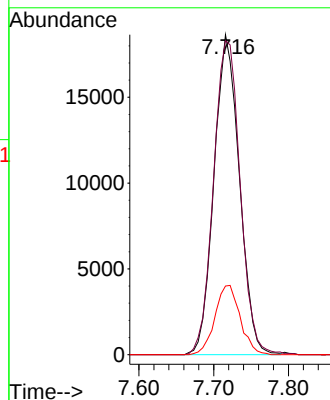
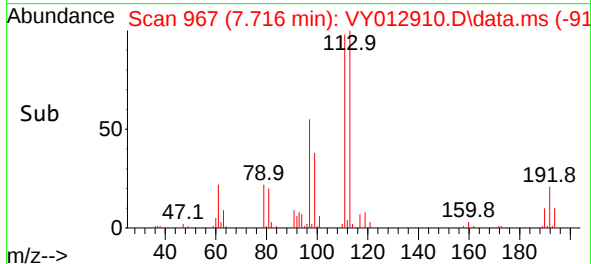


#35
Dibromofluoromethane
Concen: 49.358 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

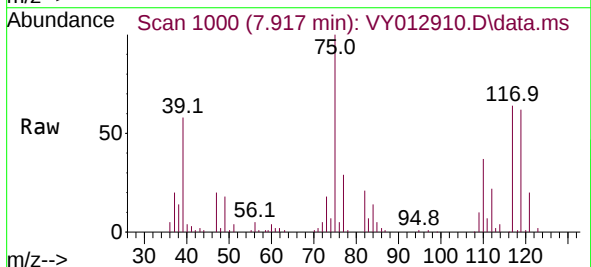
Instrument :
MSVOA_Y
ClientSampleId :



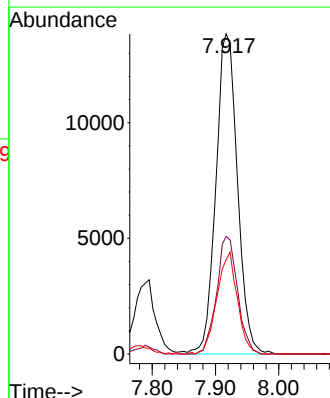
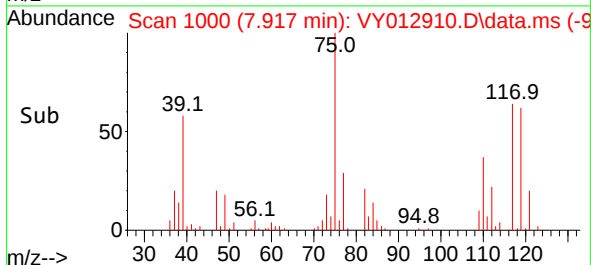
Tgt Ion:113 Resp: 43946
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.6 16.8 25.2

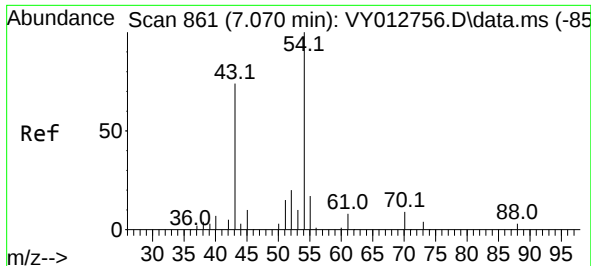


#36
1,1-Dichloropropene
Concen: 21.953 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01



Tgt Ion: 75 Resp: 32754
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.3
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 24.084 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

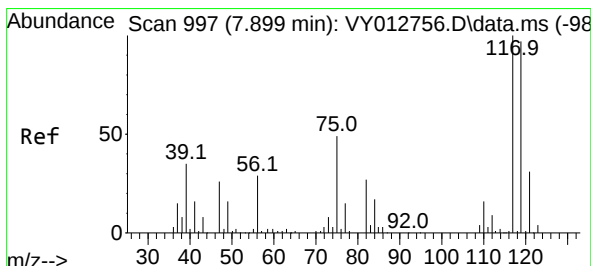
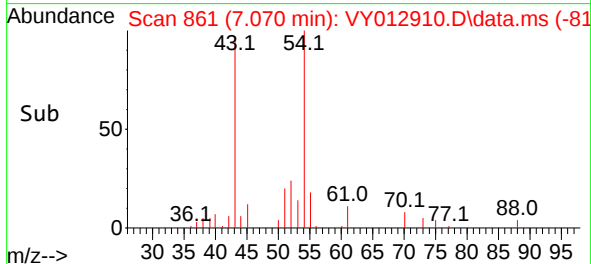
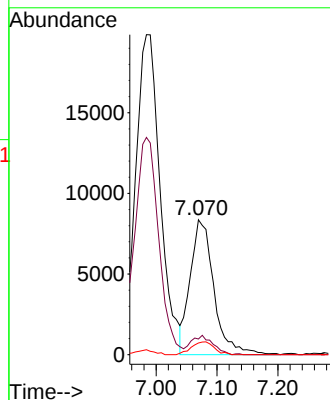
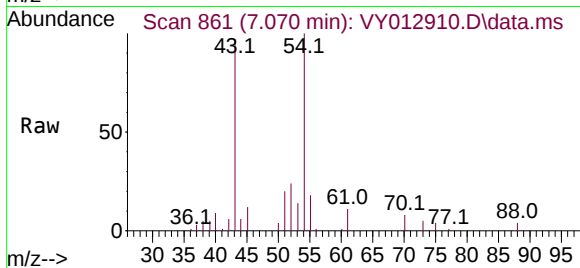
Tgt Ion: 43 Resp: 22649

Ion Ratio Lower Upper

43 100

61 13.1 10.7 16.1

70 9.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 23.397 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

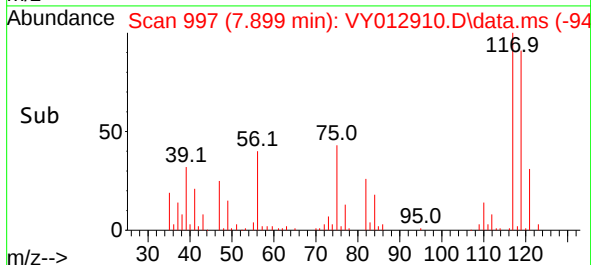
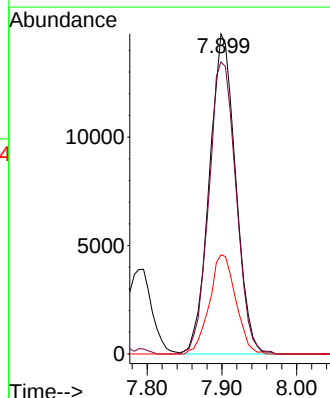
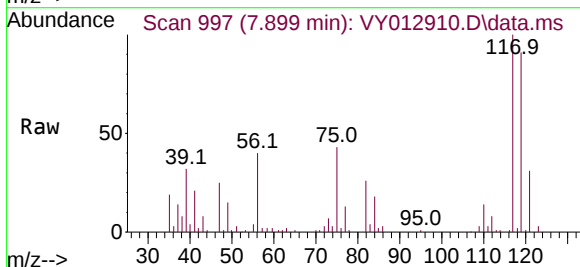
Tgt Ion: 117 Resp: 36049

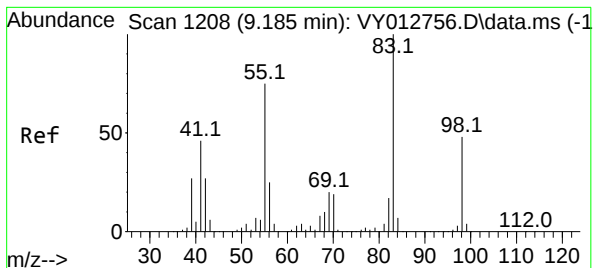
Ion Ratio Lower Upper

117 100

119 91.3 77.2 115.8

121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 21.138 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

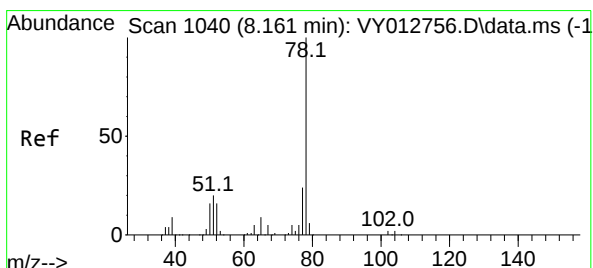
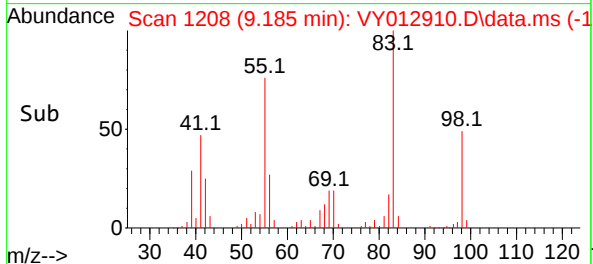
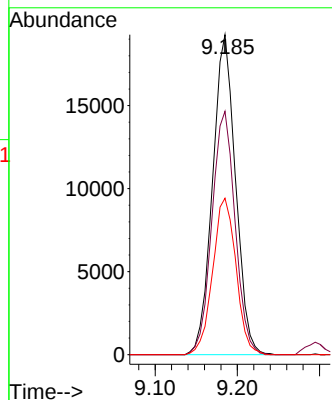
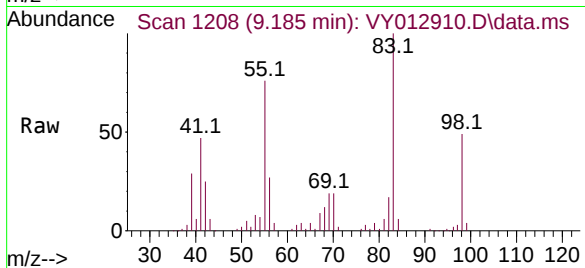
Tgt Ion: 83 Resp: 37496

Ion Ratio Lower Upper

83 100

55 76.0 60.0 90.0

98 48.9 38.3 57.5



#40

Benzene

Concen: 22.457 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012910.D

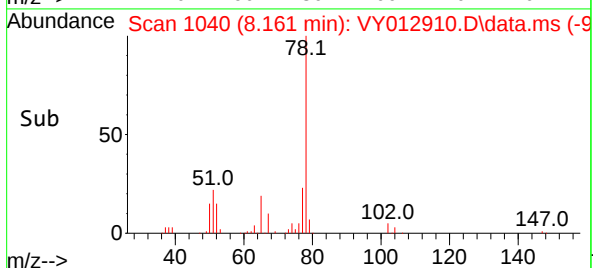
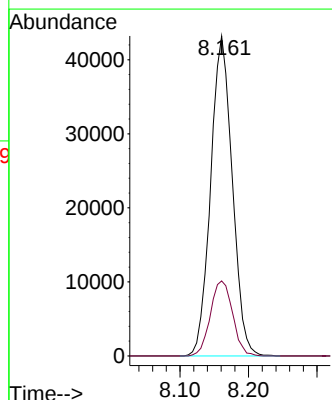
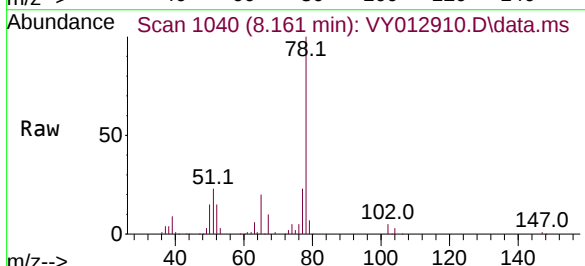
Acq: 10 Mar 2023 11:01

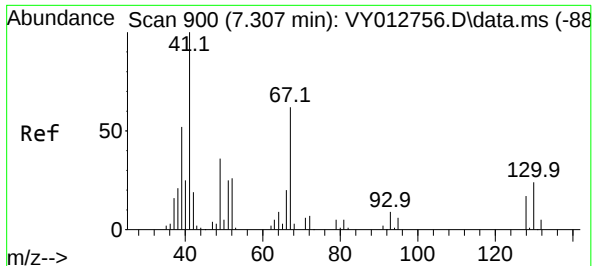
Tgt Ion: 78 Resp: 94779

Ion Ratio Lower Upper

78 100

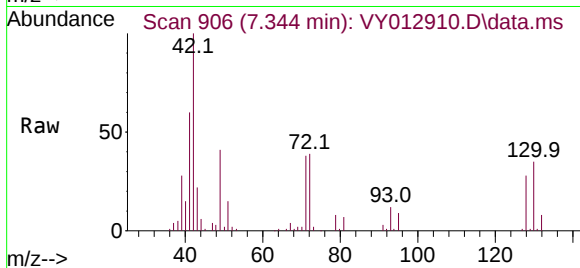
77 23.5 19.4 29.0



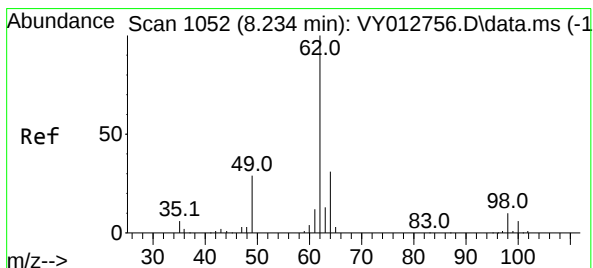
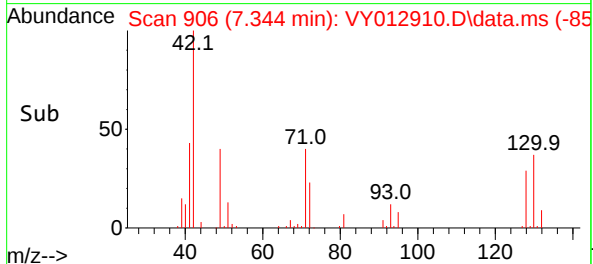
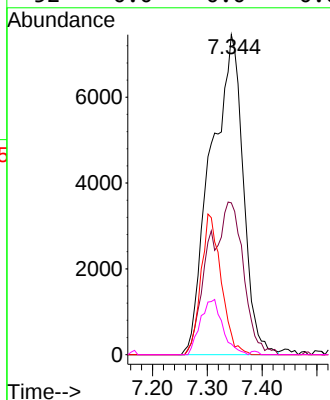


#41
Methacrylonitrile
Concen: 60.235 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Instrument :
MSVOA_Y
ClientSampleId :

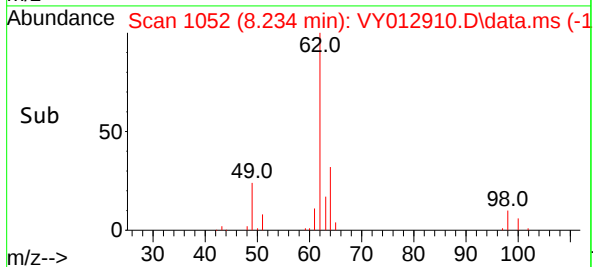
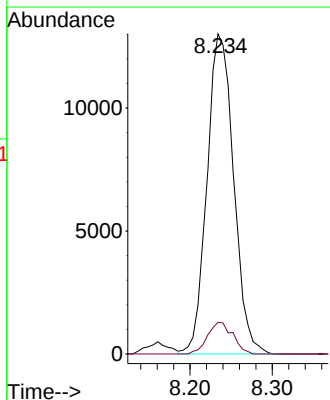
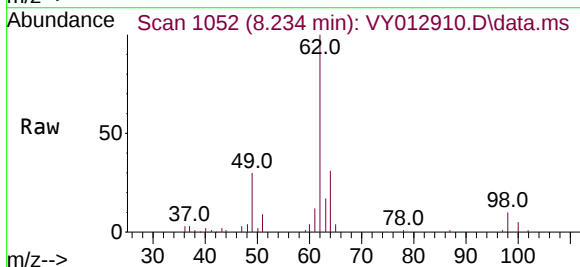


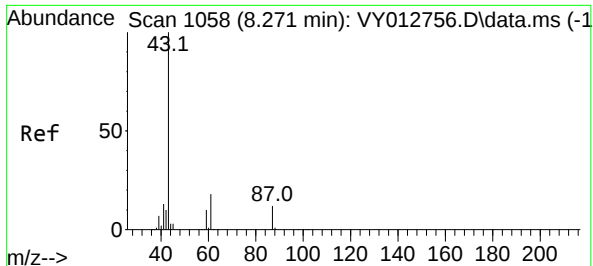
Tgt Ion	Ratio	Lower	Upper
41	100		
39	32.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.112 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

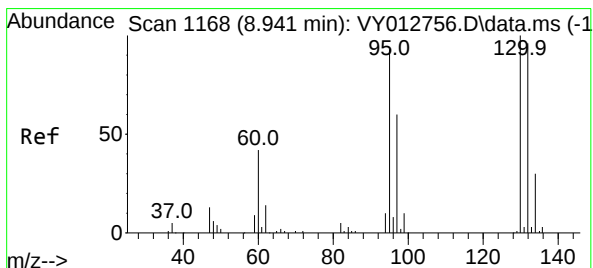
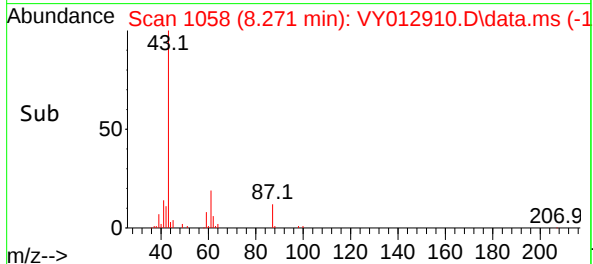
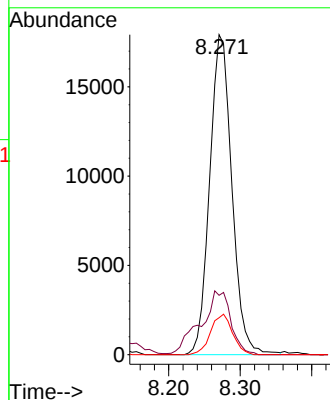
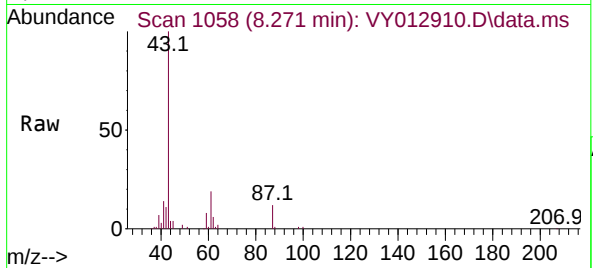




#43
Isopropyl Acetate
Concen: 23.019 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

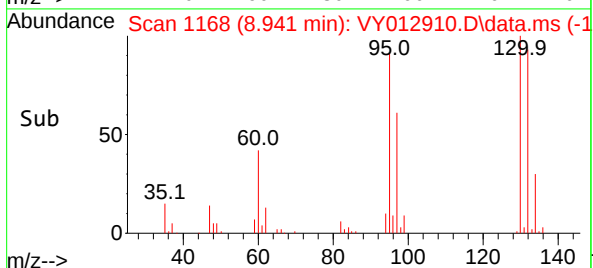
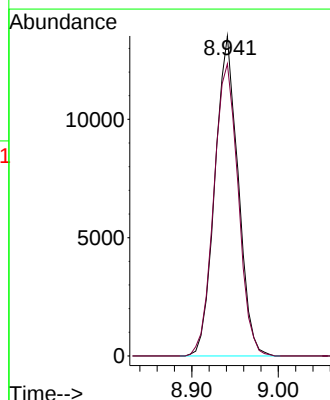
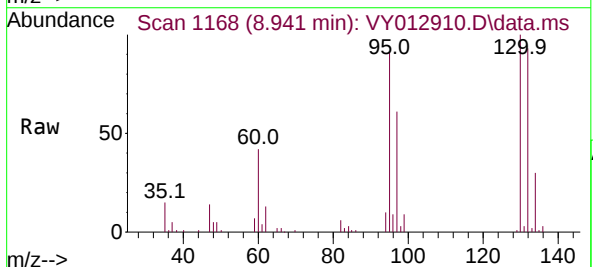
Instrument :
MSVOA_Y
ClientSampleId :

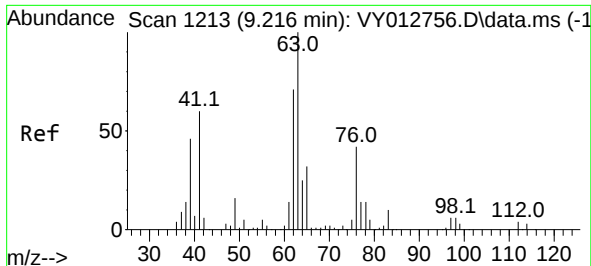
Tgt Ion: 43 Resp: 38622
Ion Ratio Lower Upper
43 100
61 27.2 21.6 32.4
87 12.5 9.9 14.9



#44
Trichloroethene
Concen: 22.587 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion:130 Resp: 25134
Ion Ratio Lower Upper
130 100
95 91.3 0.0 185.0





#45

1,2-Dichloropropane

Concen: 22.257 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

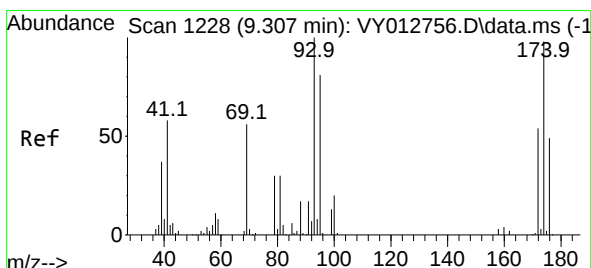
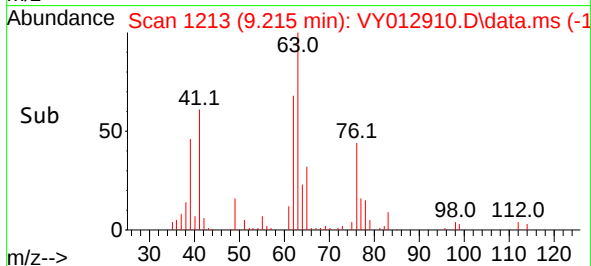
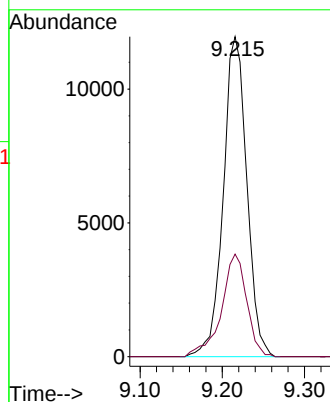
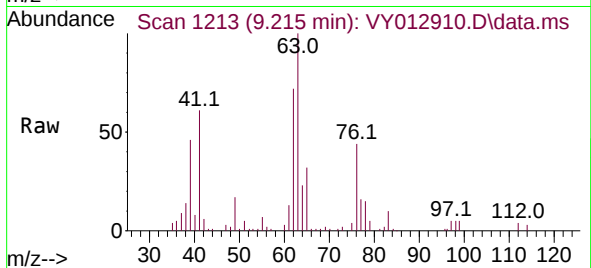
ClientSampleId :

Tgt Ion: 63 Resp: 23740

Ion Ratio Lower Upper

63 100

65 32.0 25.7 38.5



#46

Dibromomethane

Concen: 23.615 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

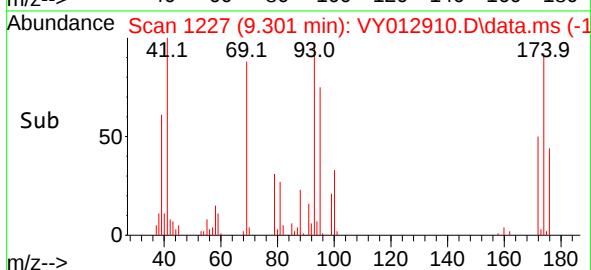
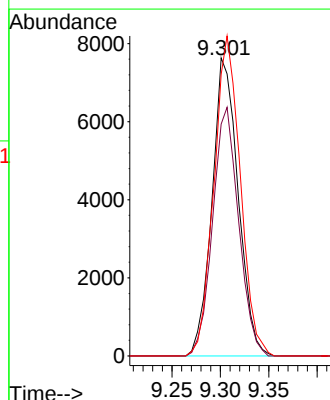
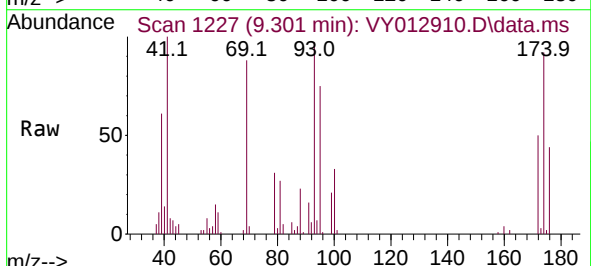
Tgt Ion: 93 Resp: 14350

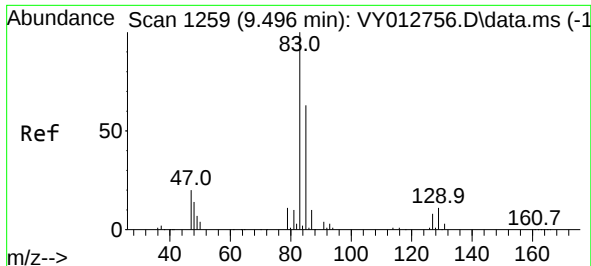
Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

174 108.1 81.3 121.9

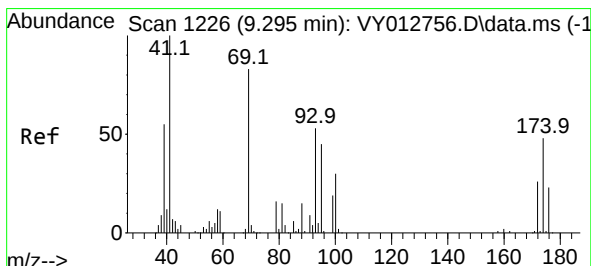
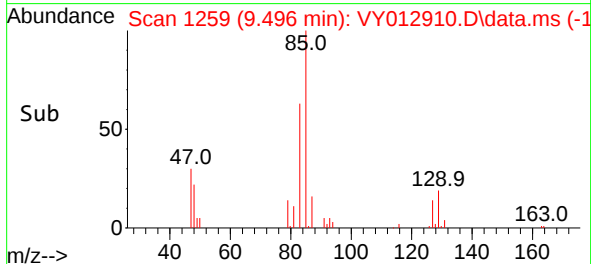
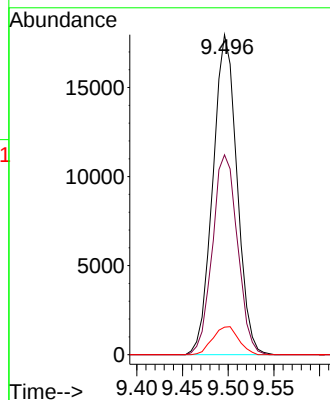
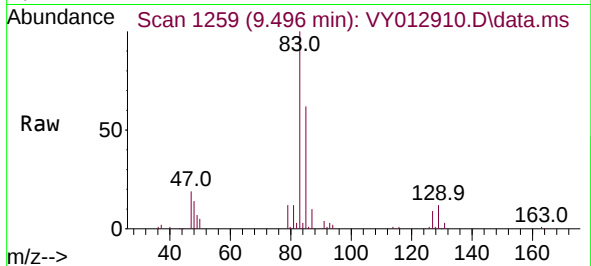




#47
Bromodichloromethane
Concen: 23.054 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

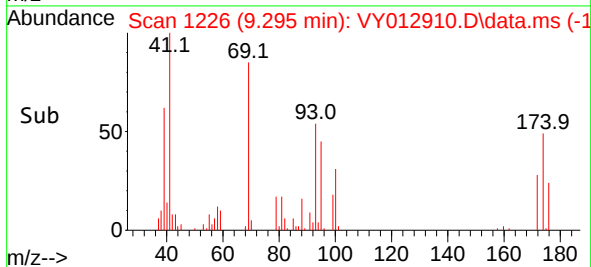
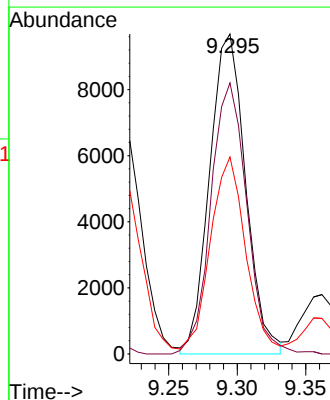
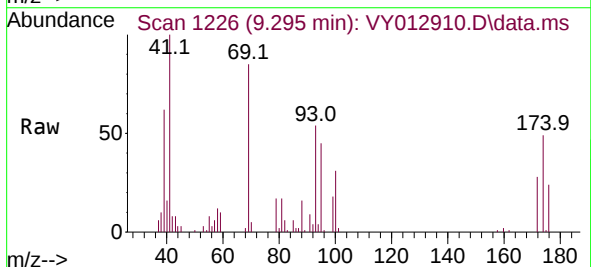
Instrument :
MSVOA_Y
ClientSampleId :

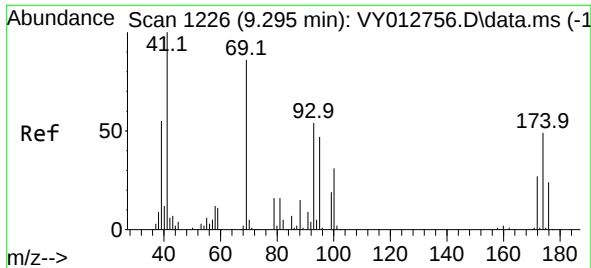
Tgt Ion: 83 Resp: 33013
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 22.919 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 41 Resp: 17718
Ion Ratio Lower Upper
41 100
69 84.6 64.1 96.1
39 57.5 44.0 66.0





#49

1,4-Dioxane

Concen: 531.976 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

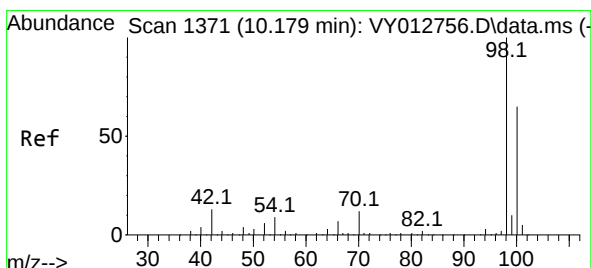
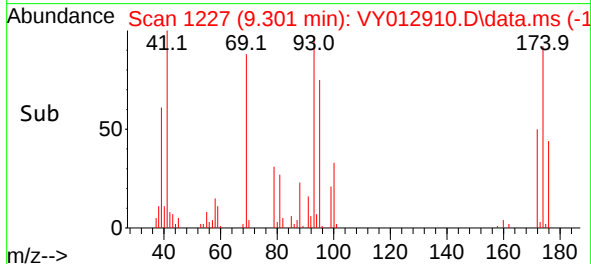
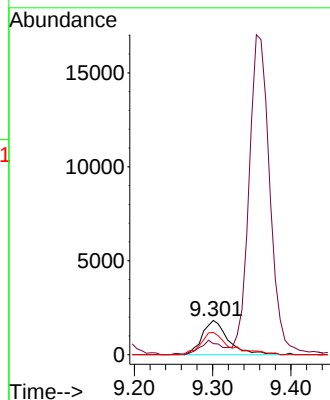
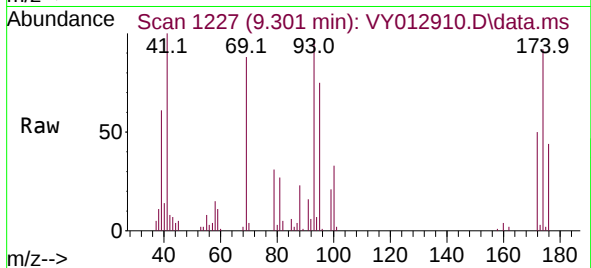
Tgt Ion: 88 Resp: 4179

Ion Ratio Lower Upper

88 100

43 34.6 28.6 42.8

58 72.5 55.2 82.8



#50

Toluene-d8

Concen: 46.614 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012910.D

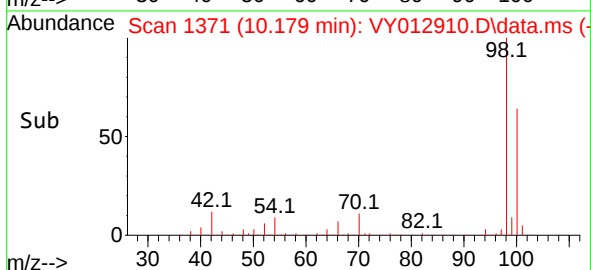
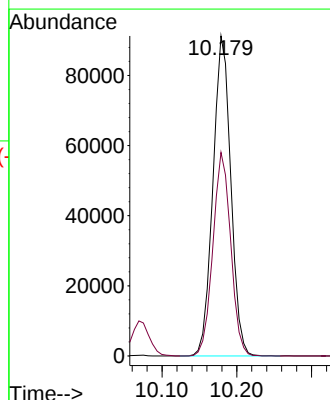
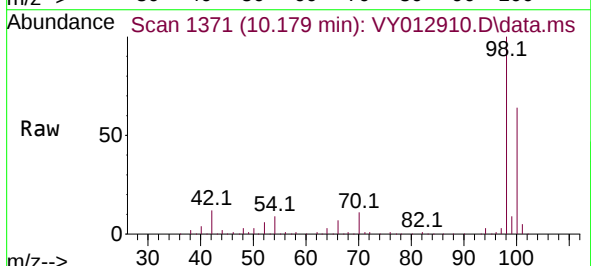
Acq: 10 Mar 2023 11:01

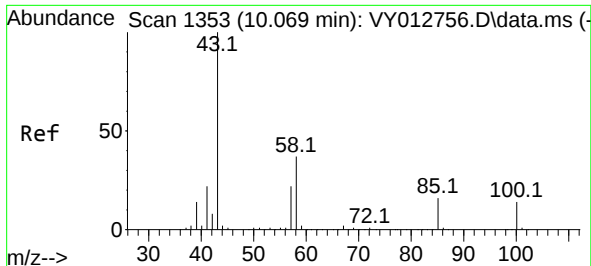
Tgt Ion: 98 Resp: 151724

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3

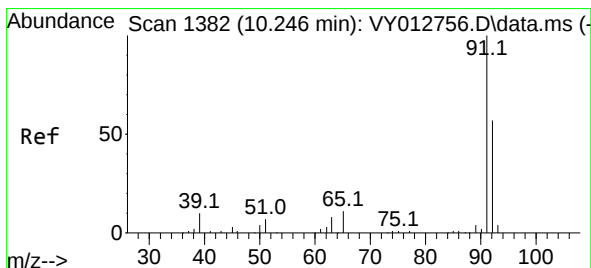
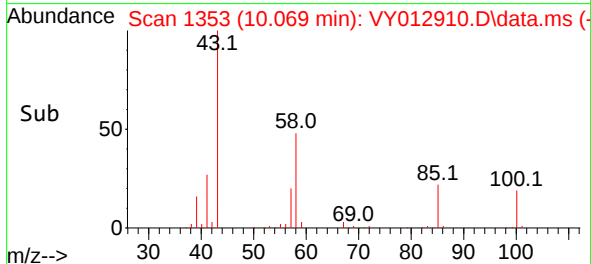
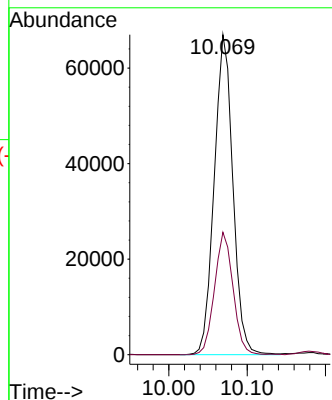
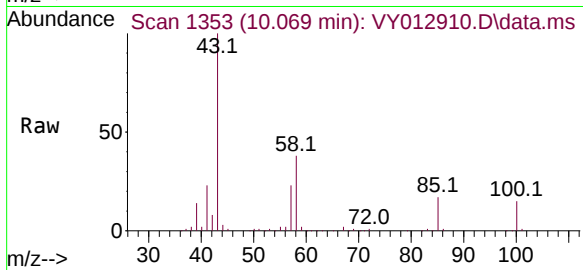




#51
4-Methyl-2-Pentanone
Concen: 121.949 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

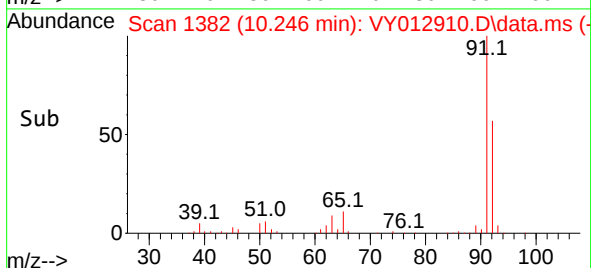
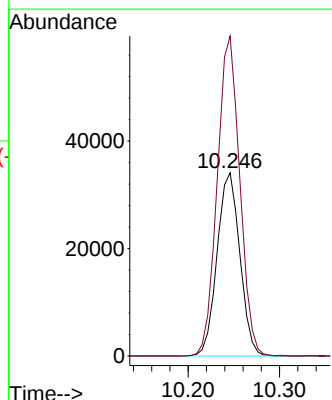
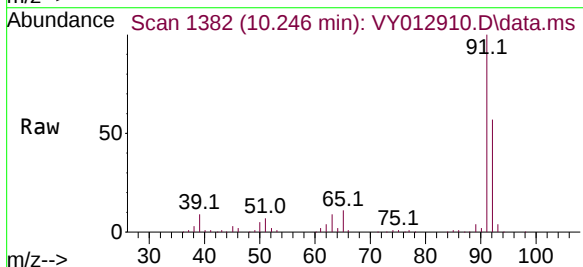
Instrument :
MSVOA_Y
ClientSampleId :

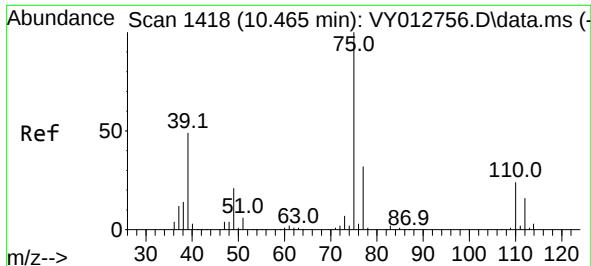
Tgt Ion: 43 Resp: 110985
Ion Ratio Lower Upper
43 100
58 38.0 29.8 44.6



#52
Toluene
Concen: 23.153 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 92 Resp: 58932
Ion Ratio Lower Upper
92 100
91 173.4 141.3 211.9

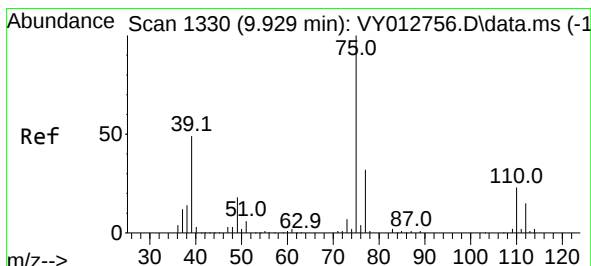
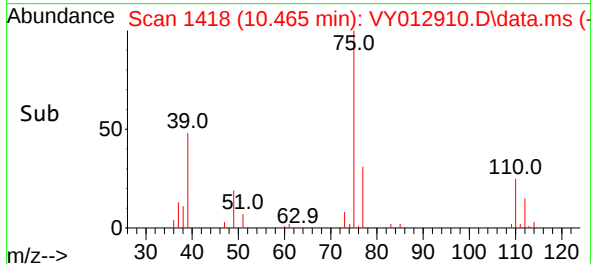
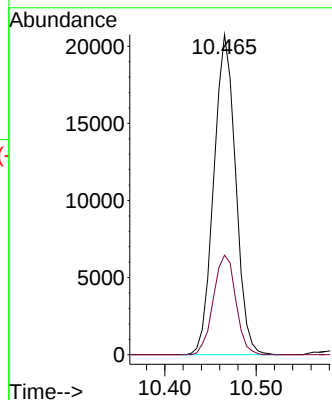
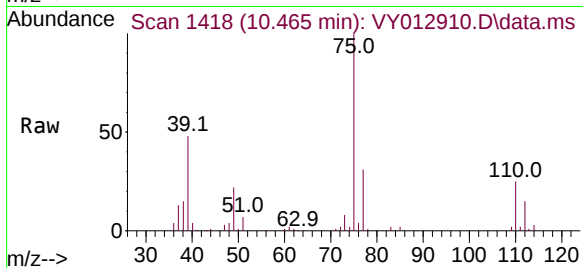




#53
t-1,3-Dichloropropene
Concen: 22.941 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

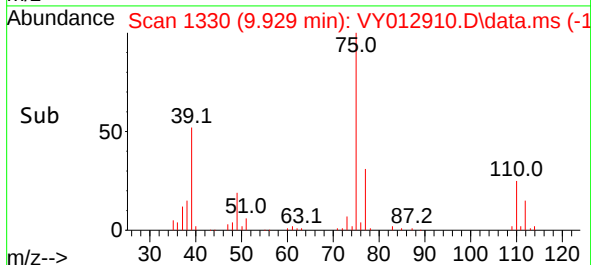
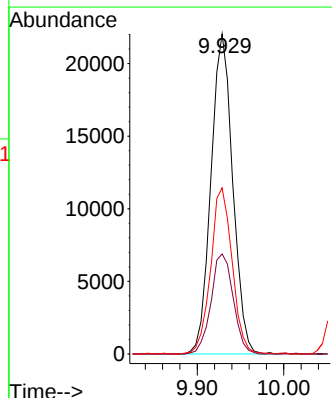
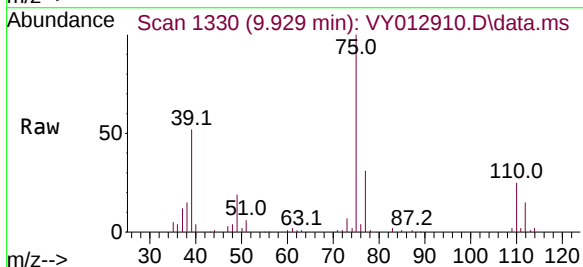
Instrument :
MSVOA_Y
ClientSampleId :

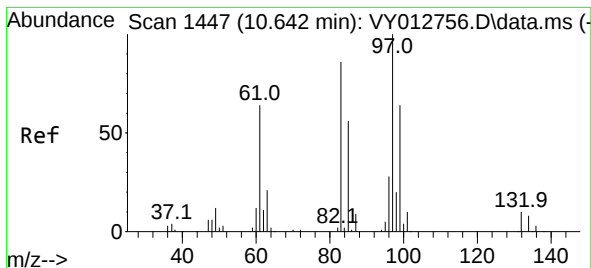
Tgt Ion: 75 Resp: 34458
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 22.591 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 75 Resp: 38406
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 51.9 39.0 58.4

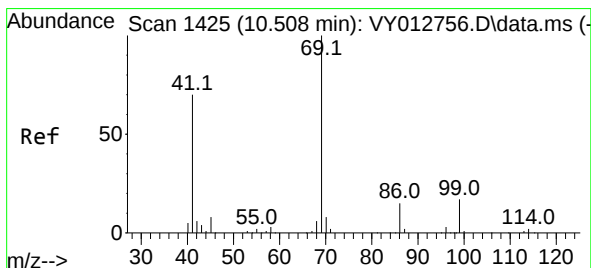
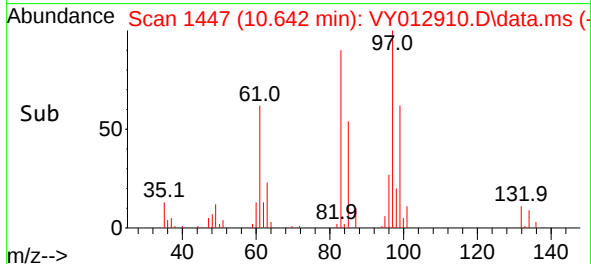
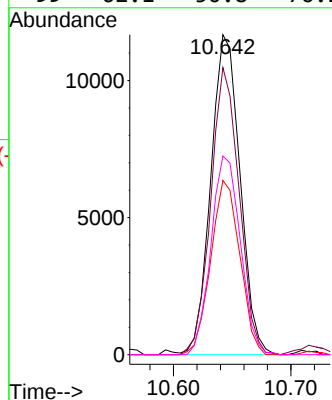
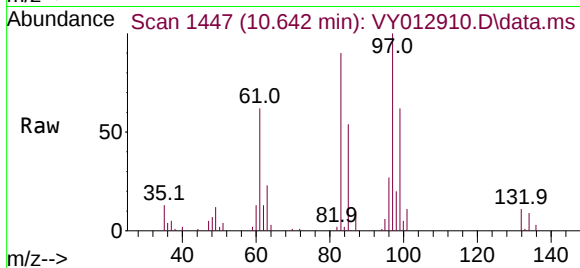




#55
1,1,2-Trichloroethane
Concen: 23.851 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

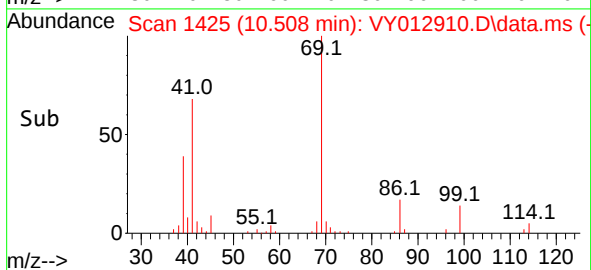
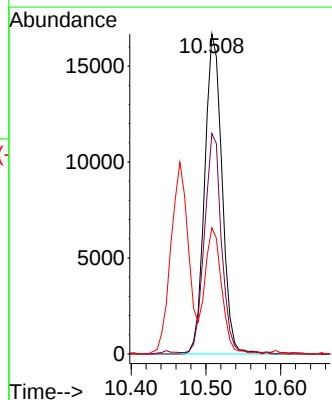
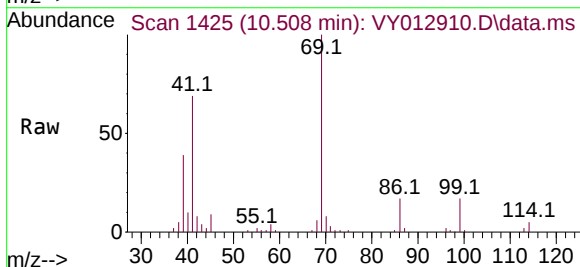
Instrument :
MSVOA_Y
ClientSampleId :

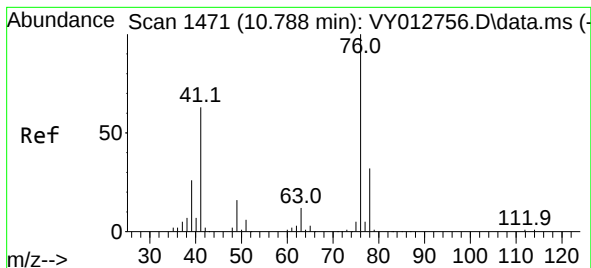
Tgt Ion: 97	Resp: 20184
Ion Ratio	Lower Upper
97 100	
83 89.7	69.0 103.6
85 54.5	44.9 67.3
99 62.1	50.8 76.2



#56
Ethyl methacrylate
Concen: 23.786 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 69	Resp: 26840
Ion Ratio	Lower Upper
69 100	
41 68.4	56.4 84.6
39 36.9	30.8 46.2





#57

1,3-Dichloropropane

Concen: 23.514 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

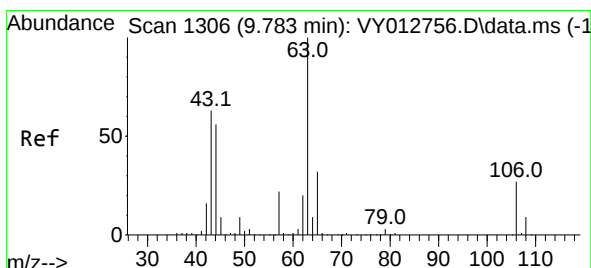
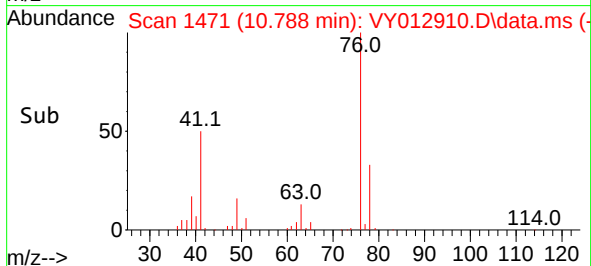
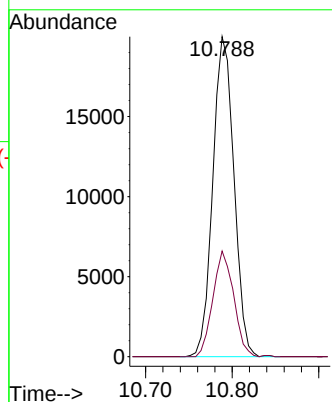
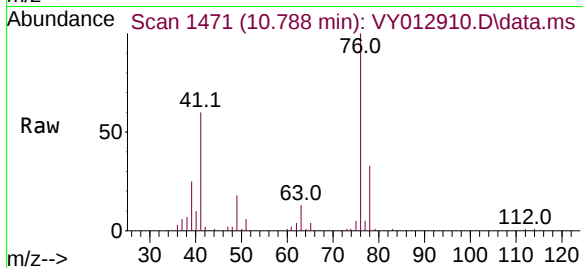
ClientSampleId :

Tgt Ion: 76 Resp: 33893

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 119.870 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012910.D

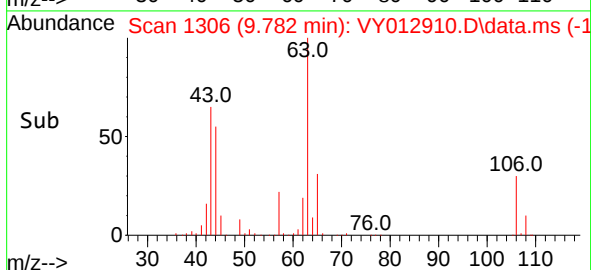
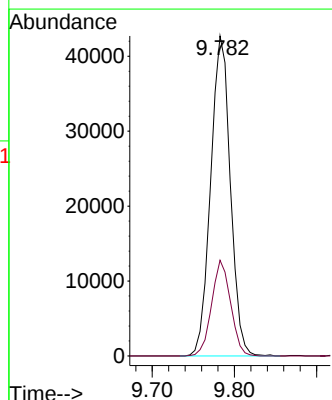
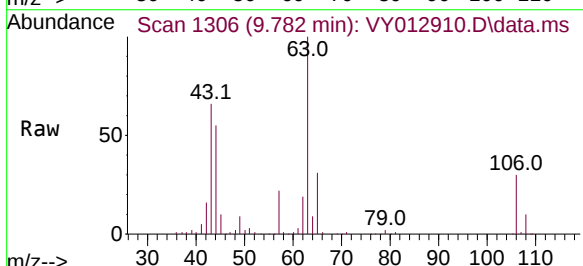
Acq: 10 Mar 2023 11:01

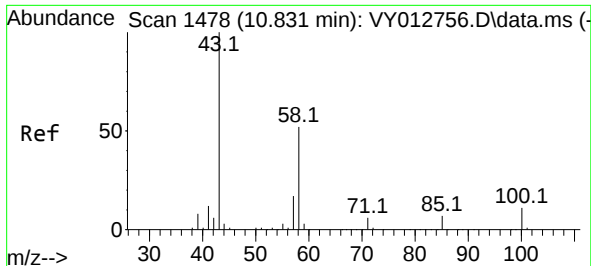
Tgt Ion: 63 Resp: 71007

Ion Ratio Lower Upper

63 100

106 28.8 22.1 33.1

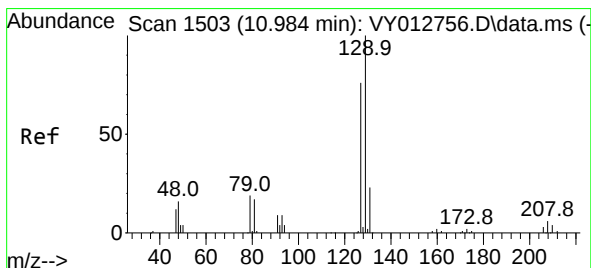
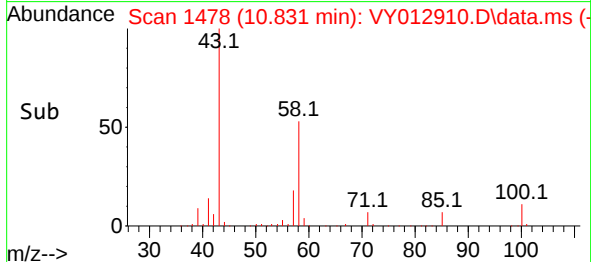
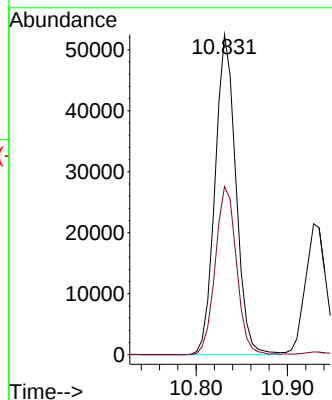
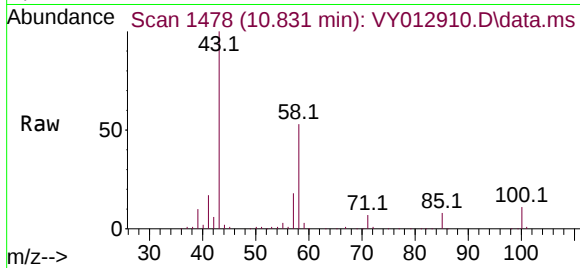




#59
2-Hexanone
Concen: 125.609 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

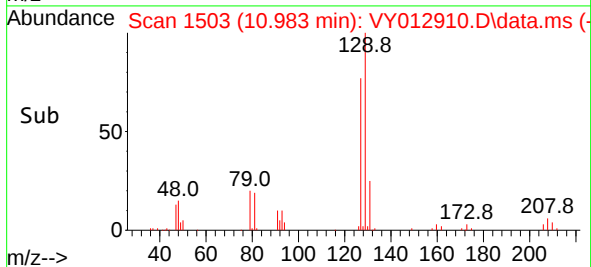
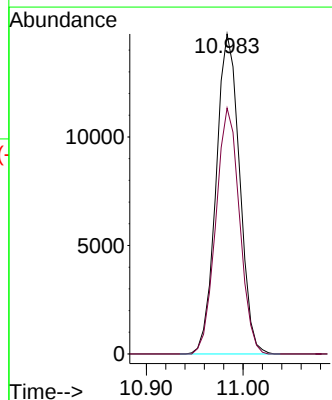
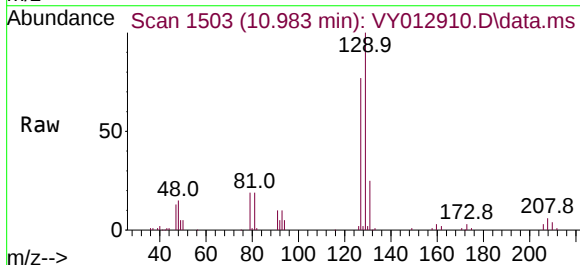
Instrument :
MSVOA_Y
ClientSampleId :

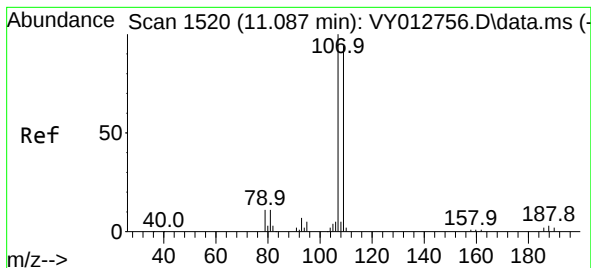
Tgt Ion: 43 Resp: 83083
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8



#60
Dibromochloromethane
Concen: 24.093 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion:129 Resp: 24819
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

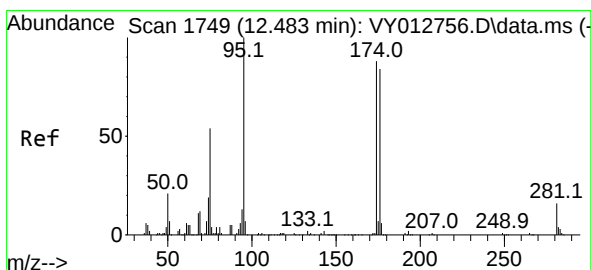
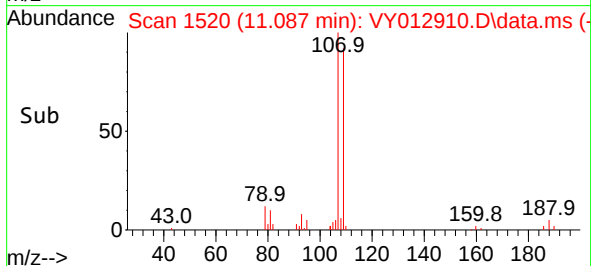
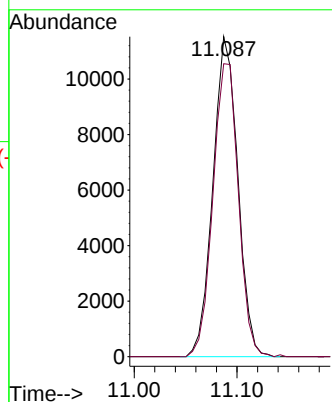
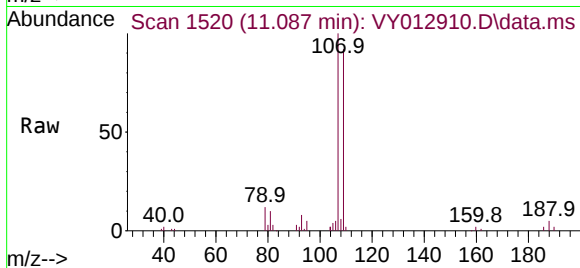




#61
1,2-Dibromoethane
Concen: 23.723 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

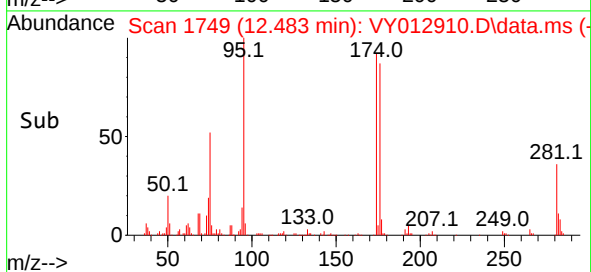
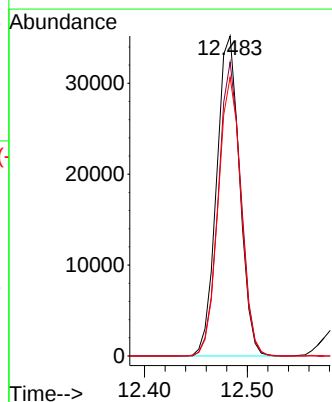
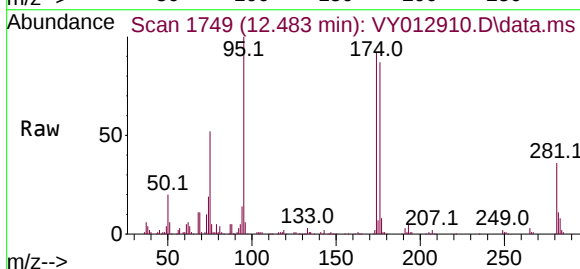
Instrument :
MSVOA_Y
ClientSampleId :

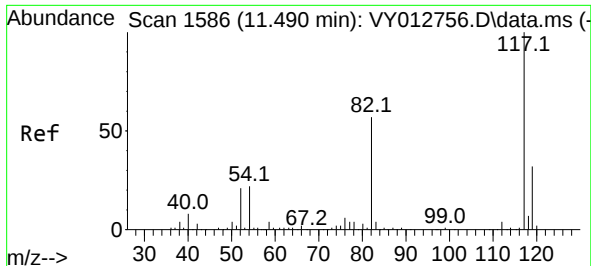
Tgt Ion:107 Resp: 19339
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.815 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 95 Resp: 54728
Ion Ratio Lower Upper
95 100
174 90.1 0.0 176.6
176 86.7 0.0 170.2

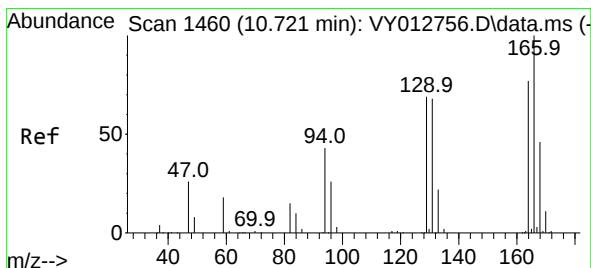
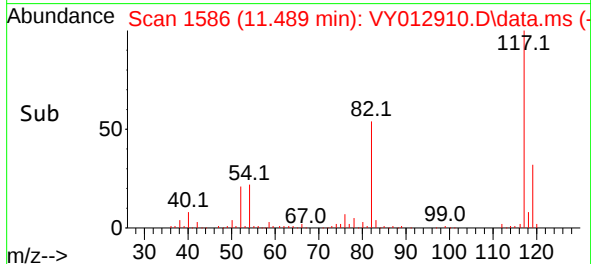
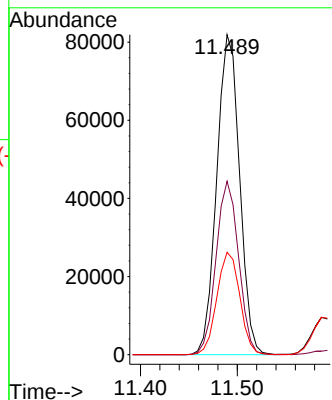
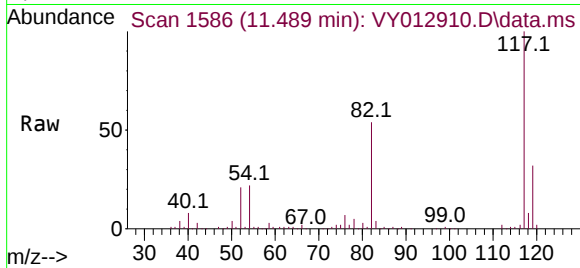




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

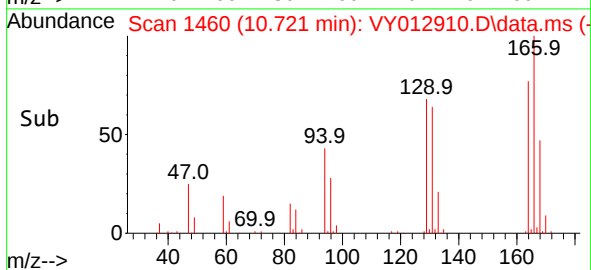
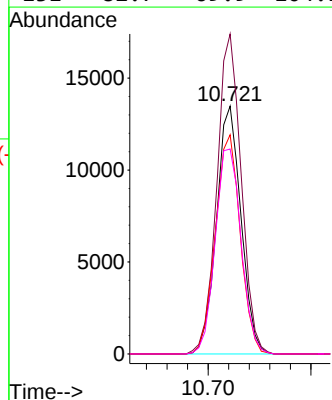
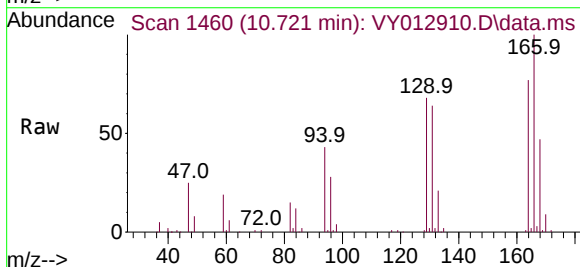
Instrument :
MSVOA_Y
ClientSampleId :

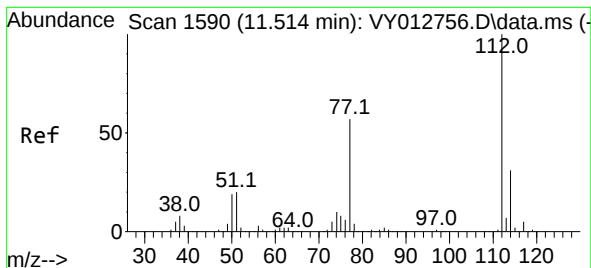
Tgt Ion:117 Resp: 134397
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 22.785 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion:164 Resp: 22295
Ion Ratio Lower Upper
164 100
166 129.1 103.4 155.2
129 88.4 71.4 107.2
131 82.7 69.9 104.9

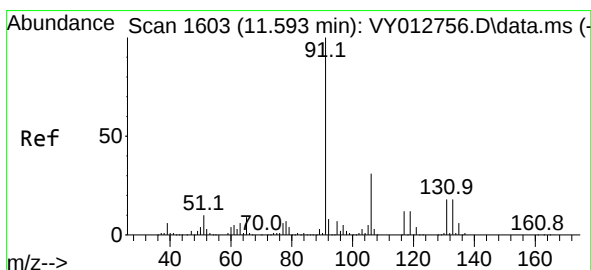
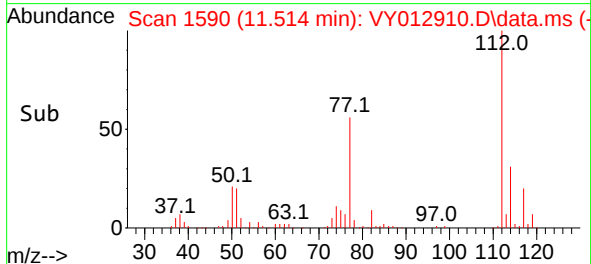
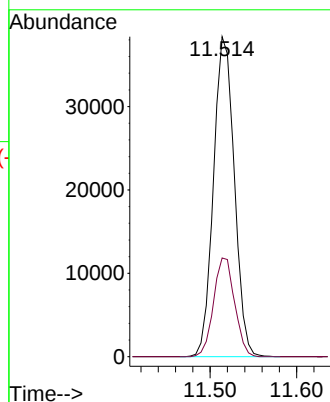
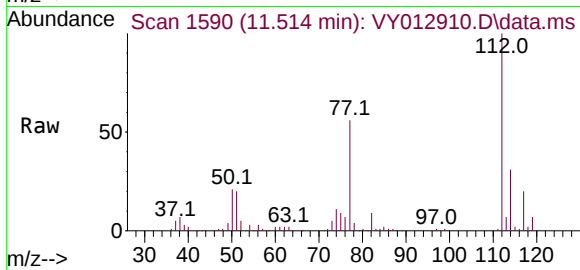




#65
Chlorobenzene
Concen: 22.755 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

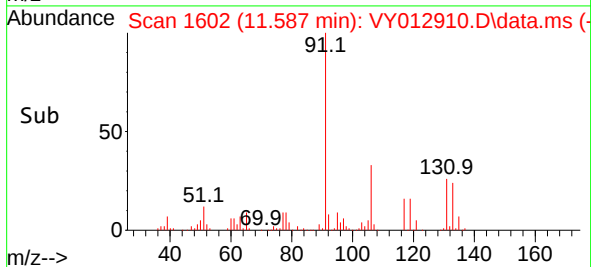
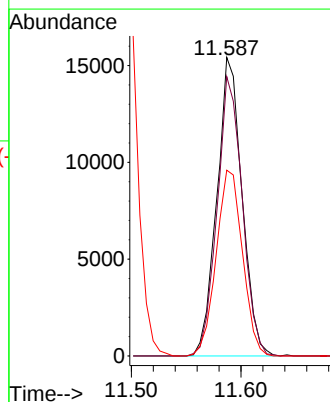
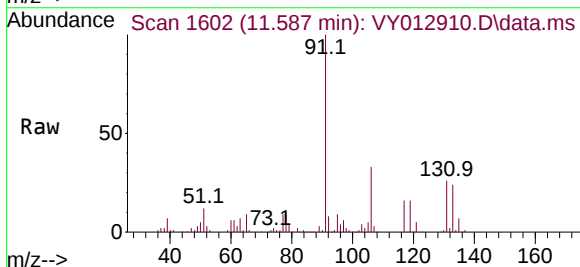
Instrument :
MSVOA_Y
ClientSampleId :

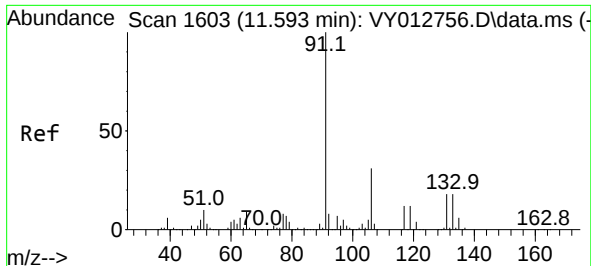
Tgt Ion:112 Resp: 64185
Ion Ratio Lower Upper
112 100
114 30.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 23.571 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion:131 Resp: 24602
Ion Ratio Lower Upper
131 100
133 93.1 48.0 144.0
119 65.0 32.6 98.0





#67

Ethyl Benzene

Concen: 21.962 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

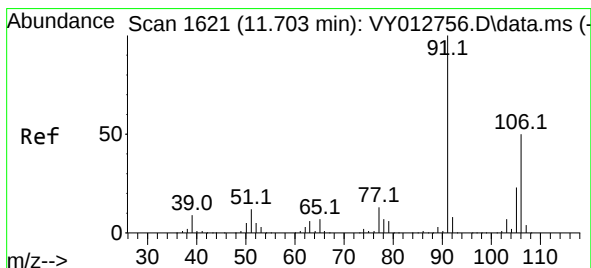
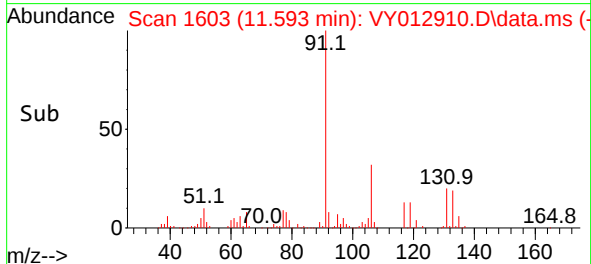
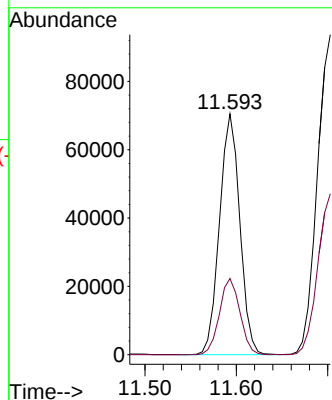
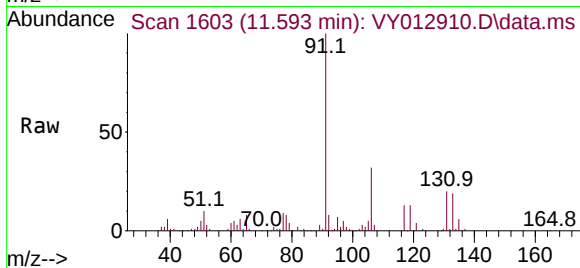
ClientSampleId :

Tgt Ion: 91 Resp: 108912

Ion Ratio Lower Upper

91 100

106 31.6 25.1 37.7



#68

m/p-Xylenes

Concen: 45.109 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012910.D

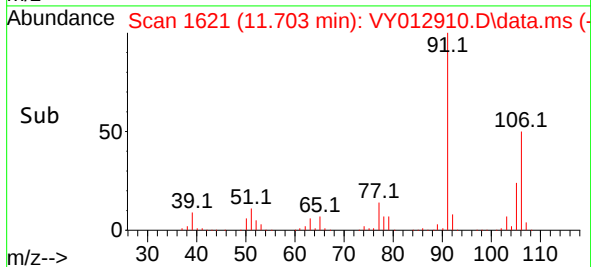
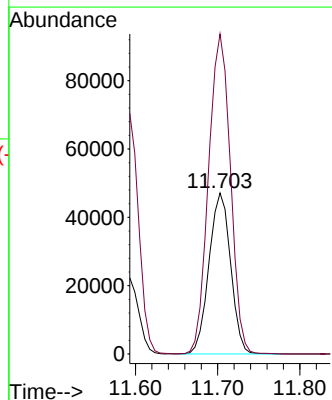
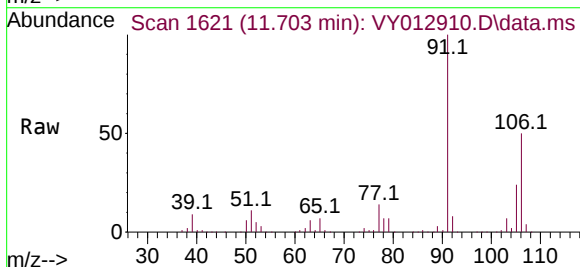
Acq: 10 Mar 2023 11:01

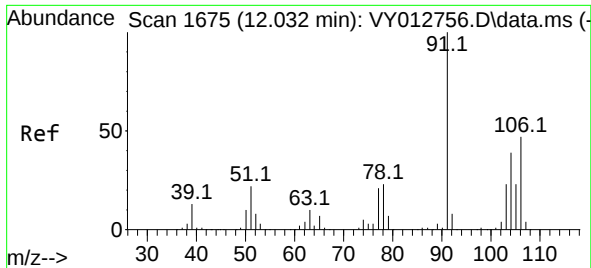
Tgt Ion:106 Resp: 86058

Ion Ratio Lower Upper

106 100

91 201.6 159.8 239.8

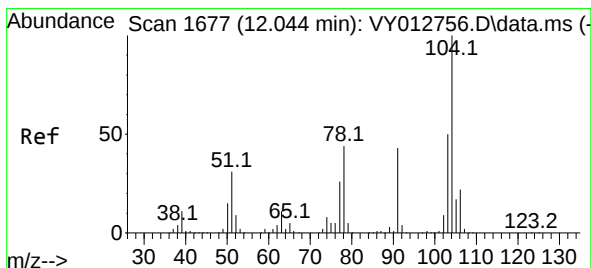
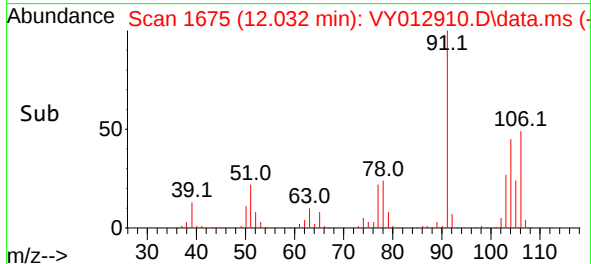
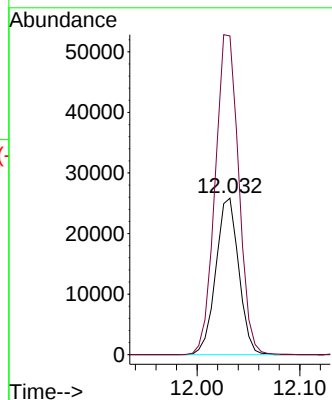
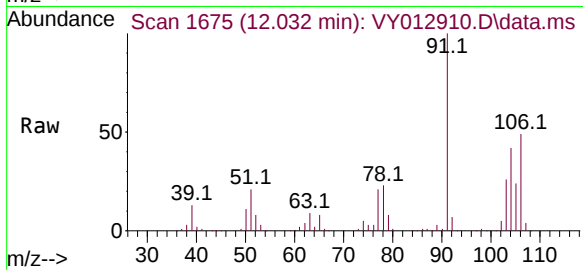




#69
o-Xylene
Concen: 22.459 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

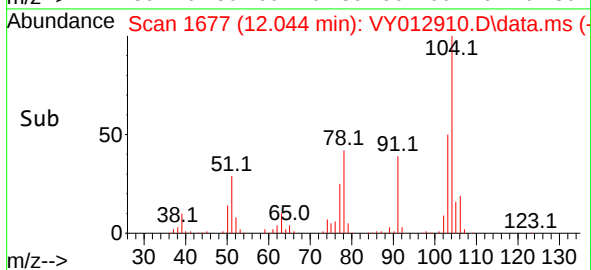
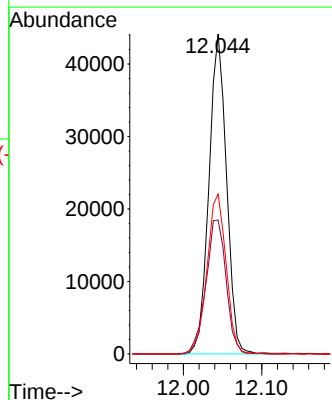
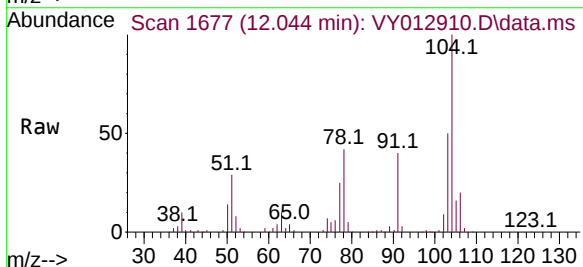
Instrument :
MSVOA_Y
ClientSampleId :

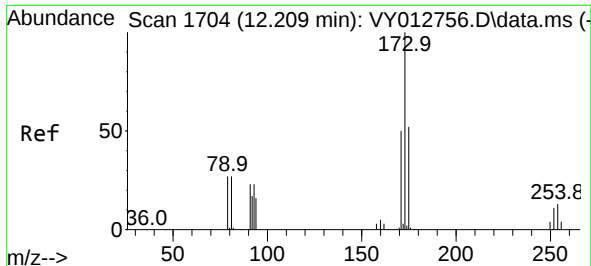
Tgt Ion:106 Resp: 39989
Ion Ratio Lower Upper
106 100
91 210.4 107.2 321.6



#70
Styrene
Concen: 23.150 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion:104 Resp: 68785
Ion Ratio Lower Upper
104 100
78 48.3 39.2 58.8
103 54.4 43.7 65.5

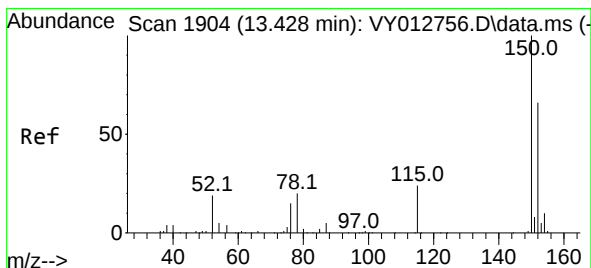
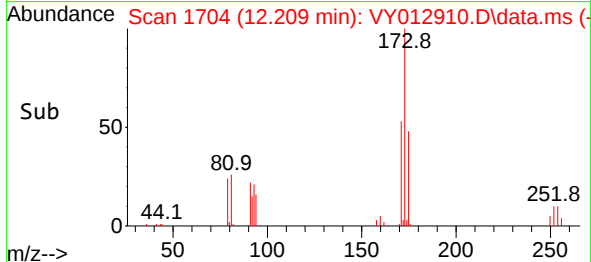
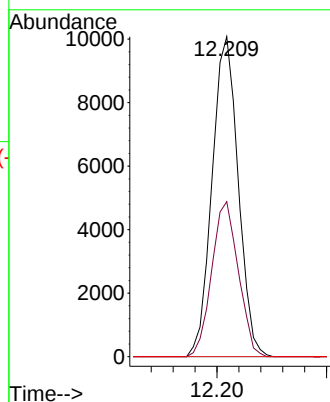
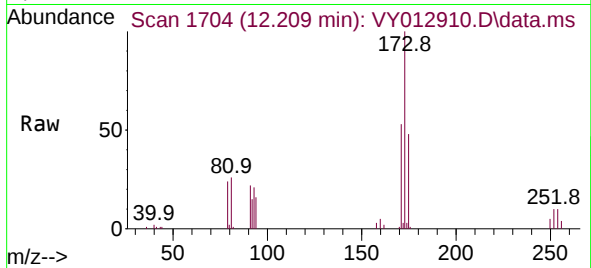




#71
Bromoform
Concen: 24.480 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

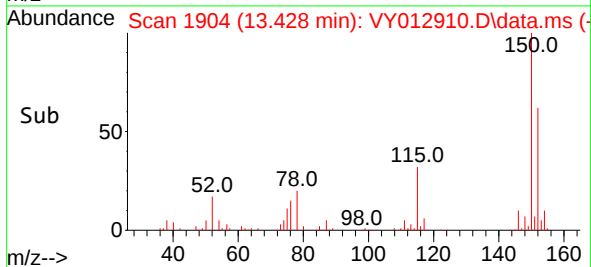
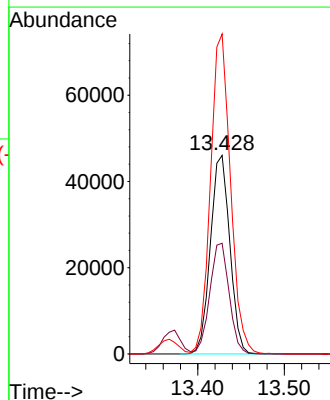
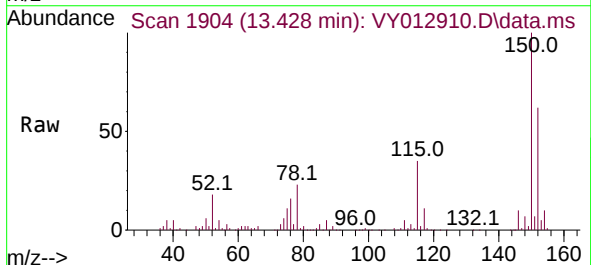
Instrument :
MSVOA_Y
ClientSampleId :

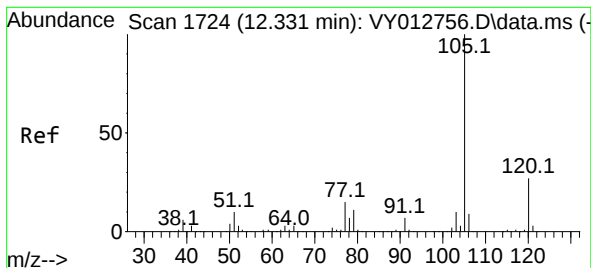
Tgt Ion:173 Resp: 16659
Ion Ratio Lower Upper
173 100
175 49.3 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion:152 Resp: 71742
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 165.6 0.0 347.8





#73

Isopropylbenzene

Concen: 21.085 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

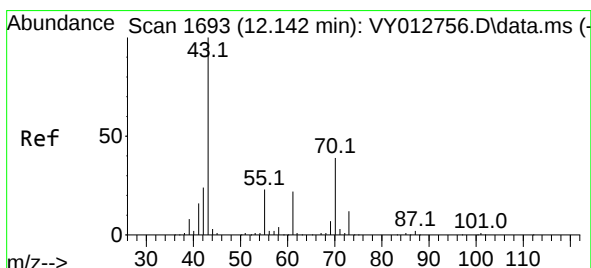
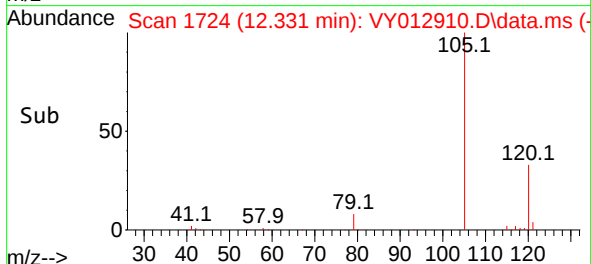
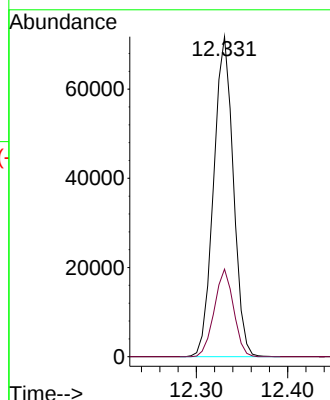
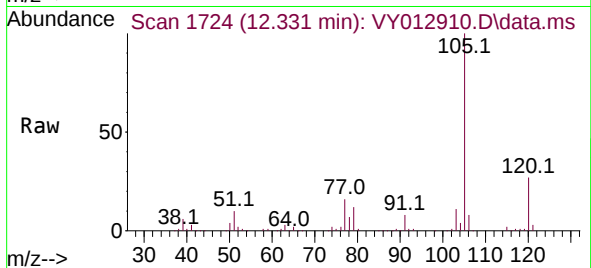
ClientSampleId :

Tgt Ion:105 Resp: 107203

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 21.142 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Tgt Ion: 43 Resp: 33822

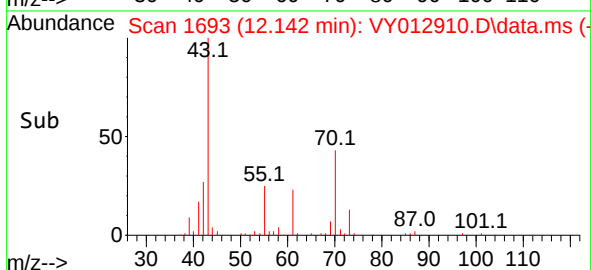
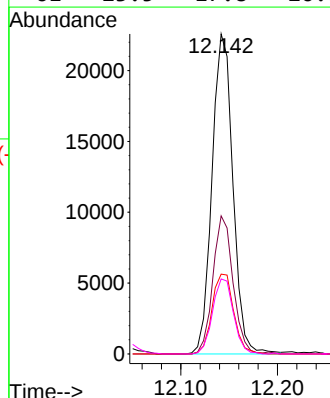
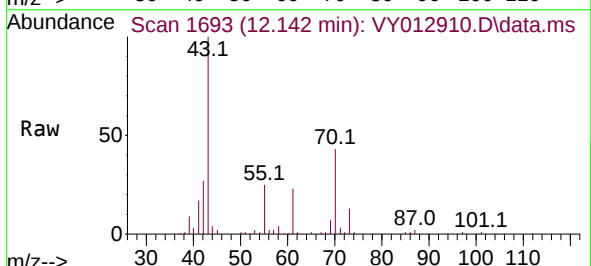
Ion Ratio Lower Upper

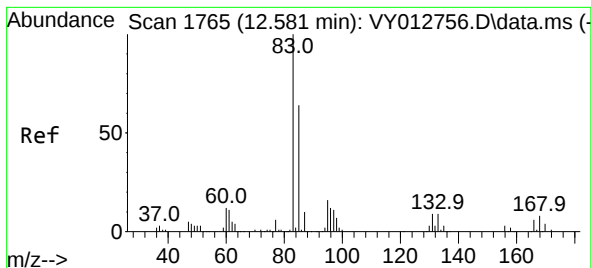
43 100

70 41.5 31.6 47.4

55 26.0 18.8 28.2

61 23.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.894 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

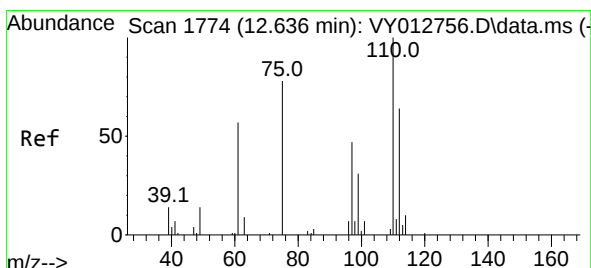
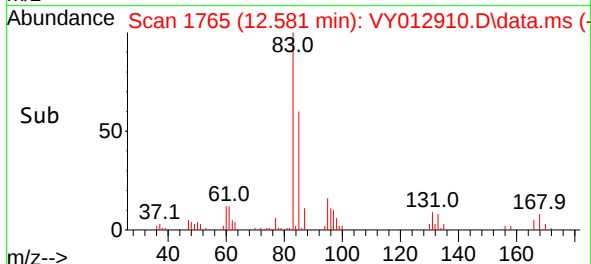
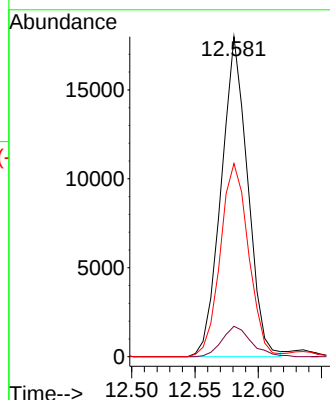
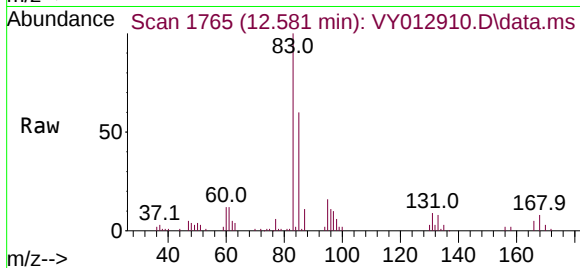
Tgt Ion: 83 Resp: 26166

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 64.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 38.110 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012910.D

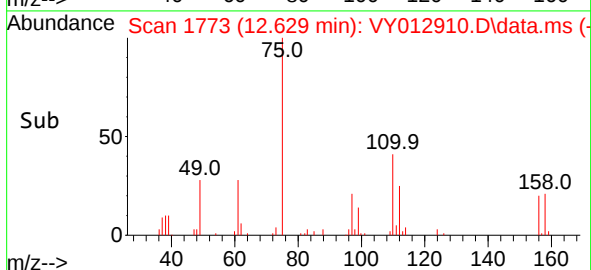
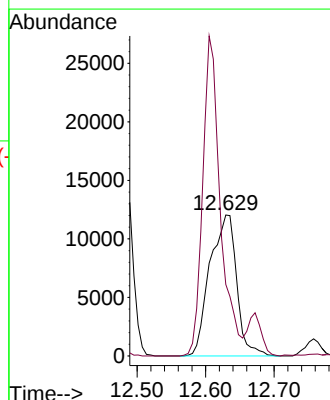
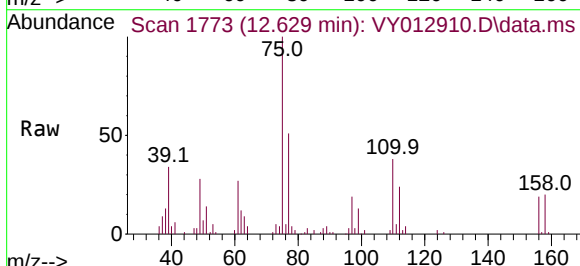
Acq: 10 Mar 2023 11:01

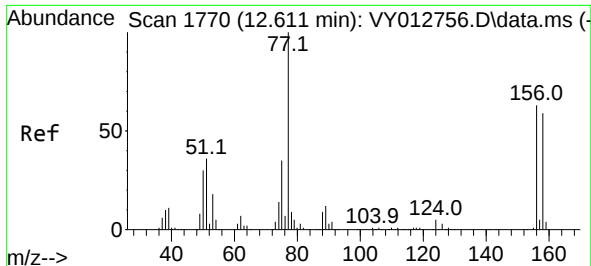
Tgt Ion: 75 Resp: 32649

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

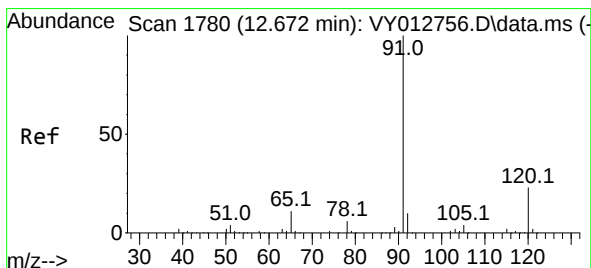
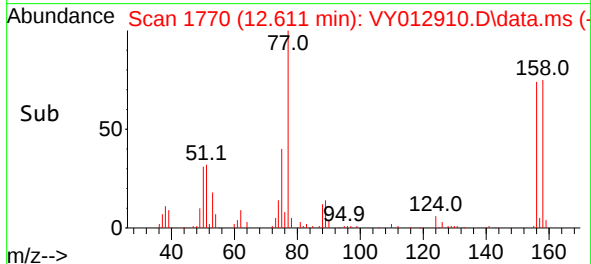
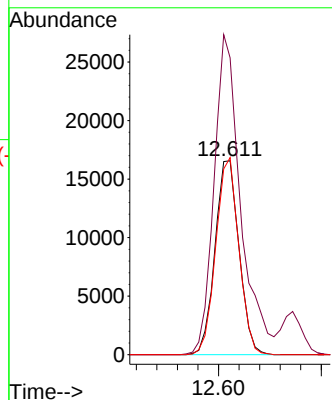
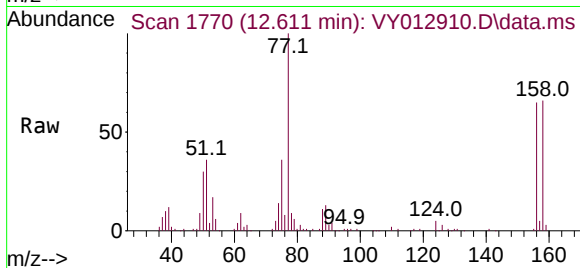




#77
Bromobenzene
Concen: 21.748 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

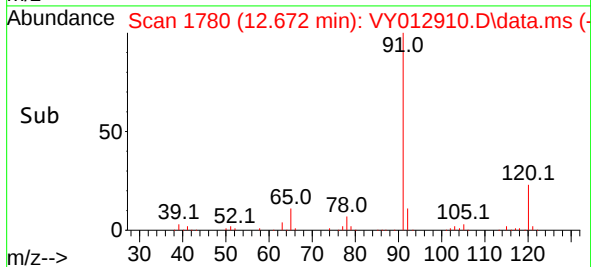
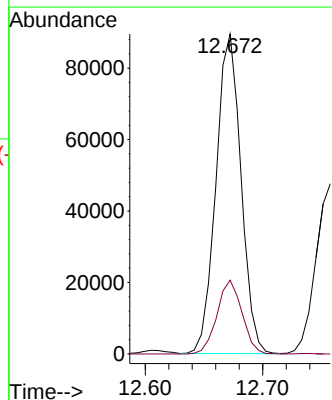
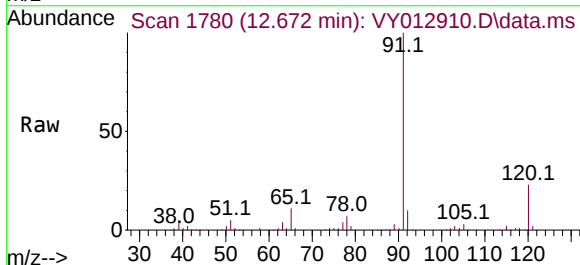
Instrument :
MSVOA_Y
ClientSampleId :

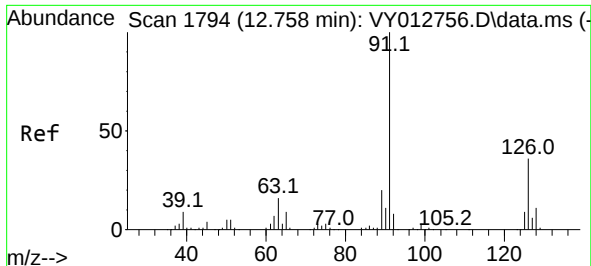
Tgt Ion:156 Resp: 26863
Ion Ratio Lower Upper
156 100
77 182.6 94.0 282.1
158 97.2 48.1 144.4



#78
n-propylbenzene
Concen: 21.083 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 91 Resp: 132157
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8

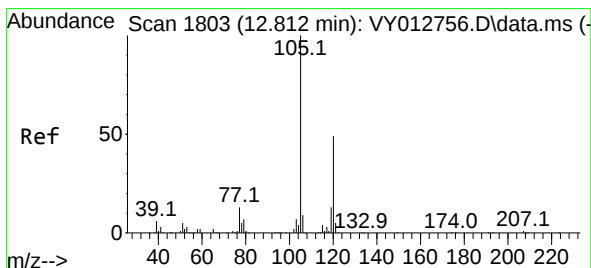
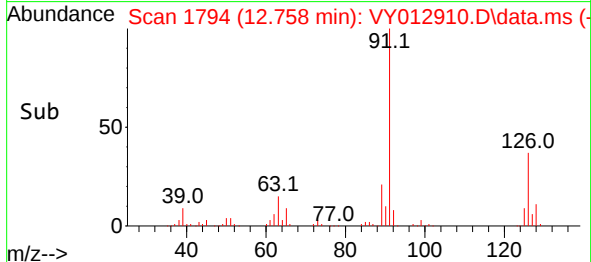
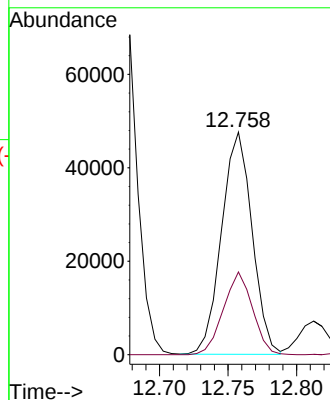
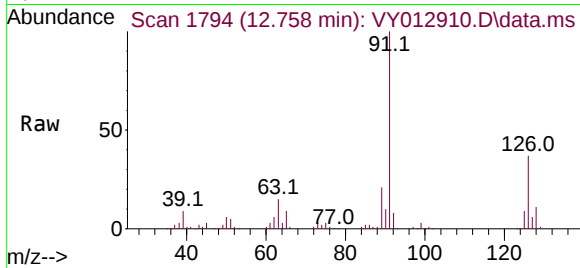




#79
2-Chlorotoluene
Concen: 21.168 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

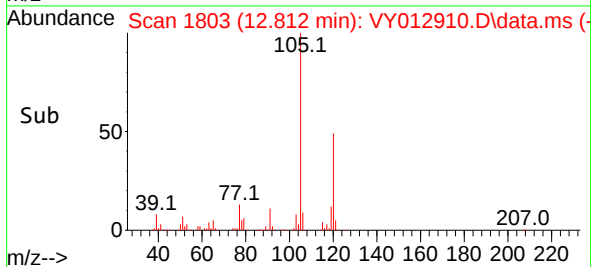
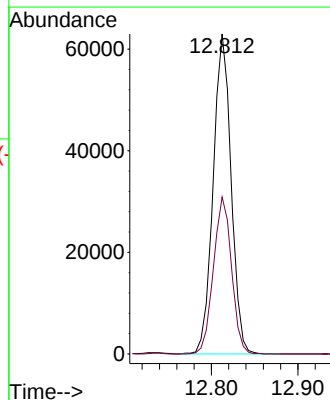
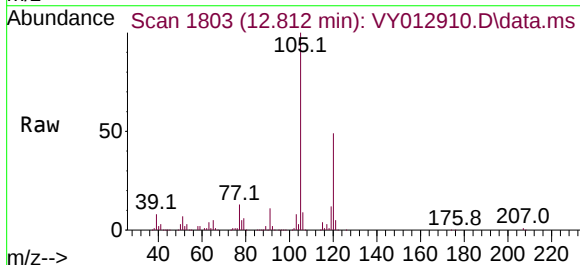
Instrument :
MSVOA_Y
ClientSampleId :

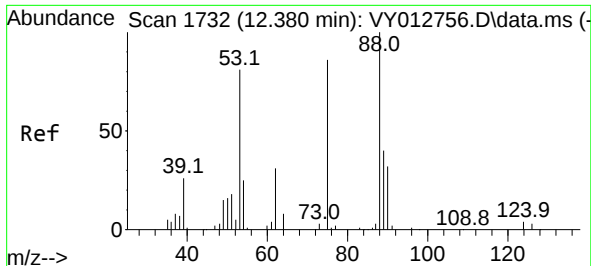
Tgt Ion: 91 Resp: 73749
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 21.575 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion:105 Resp: 90528
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4

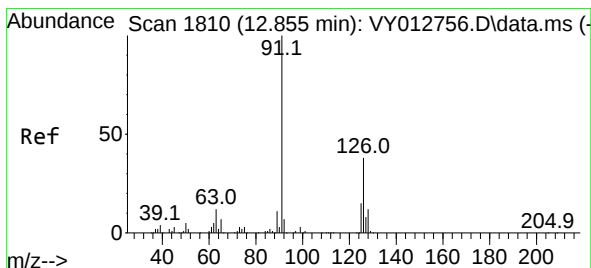
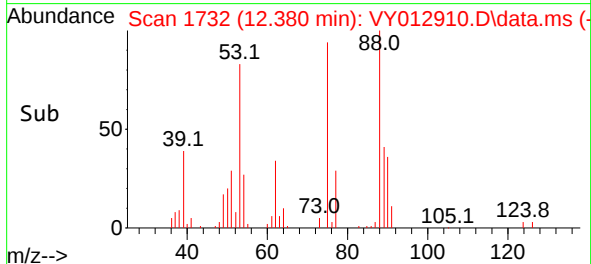
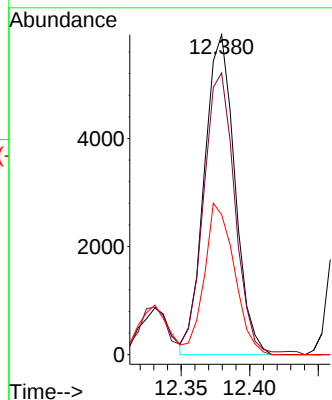
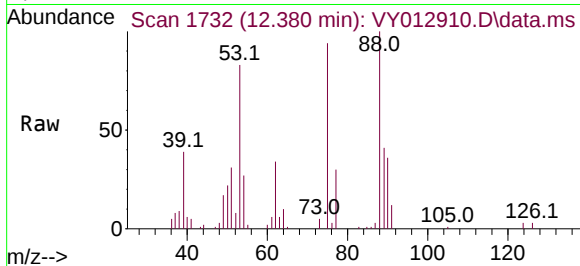




#81
trans-1,4-Dichloro-2-butene
Concen: 22.161 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

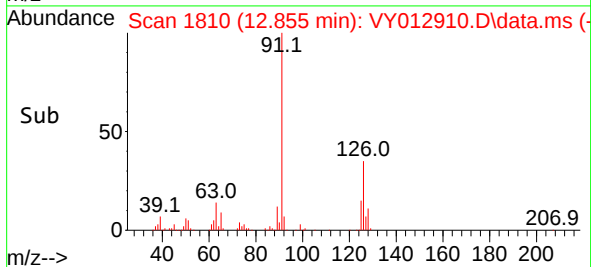
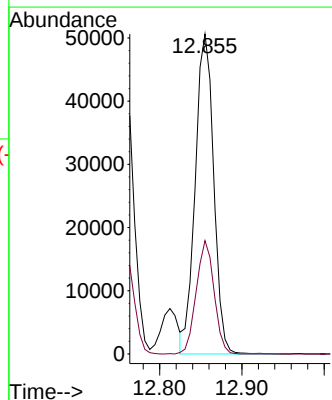
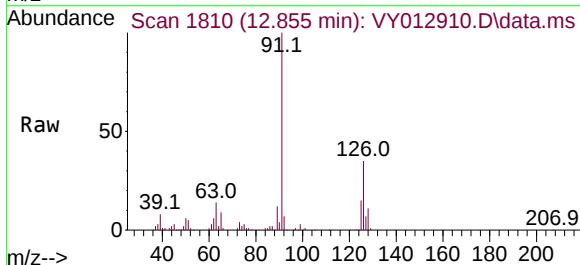
Instrument :
MSVOA_Y
ClientSampleId :

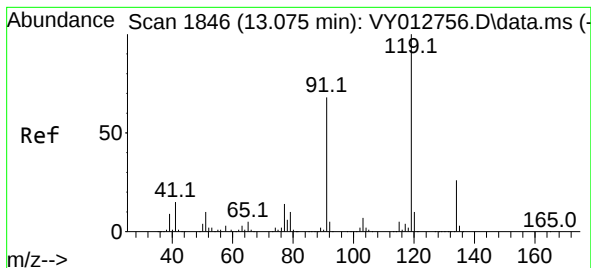
Tgt Ion: 75 Resp: 9163
Ion Ratio Lower Upper
75 100
53 90.4 73.4 110.0
89 46.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 21.828 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 91 Resp: 78721
Ion Ratio Lower Upper
91 100
126 34.2 17.7 53.1





#83

tert-Butylbenzene

Concen: 21.455 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

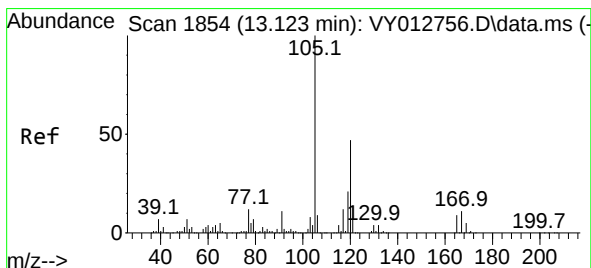
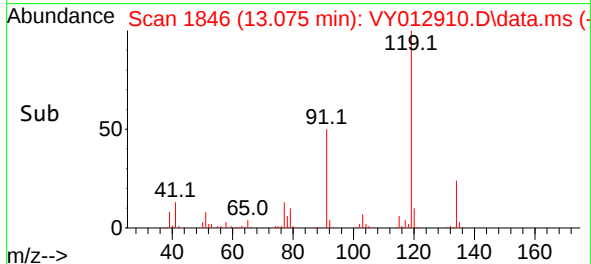
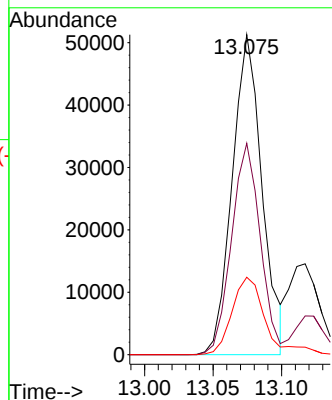
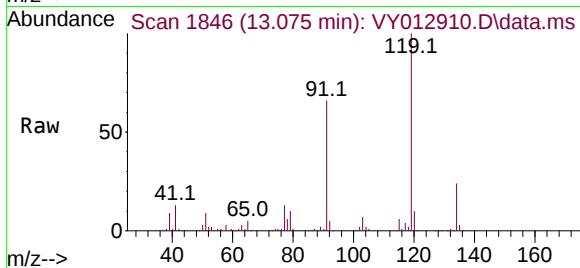
Tgt Ion:119 Resp: 77701

Ion Ratio Lower Upper

119 100

91 63.6 32.8 98.3

134 27.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 21.784 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012910.D

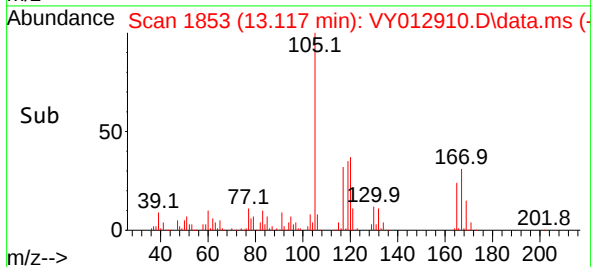
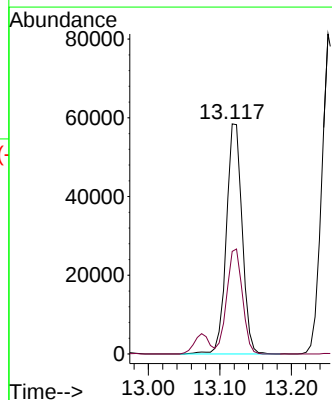
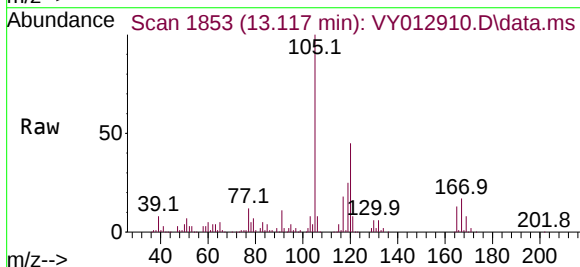
Acq: 10 Mar 2023 11:01

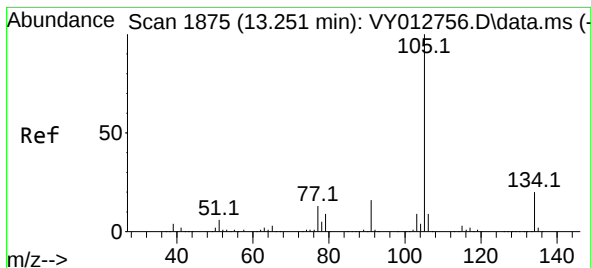
Tgt Ion:105 Resp: 89380

Ion Ratio Lower Upper

105 100

120 45.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.570 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

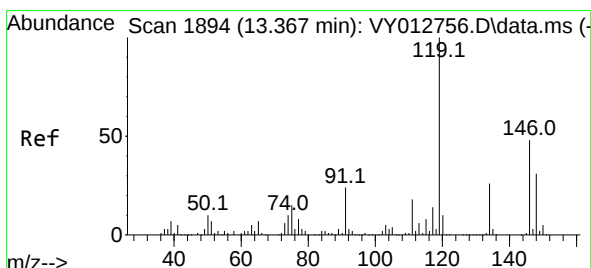
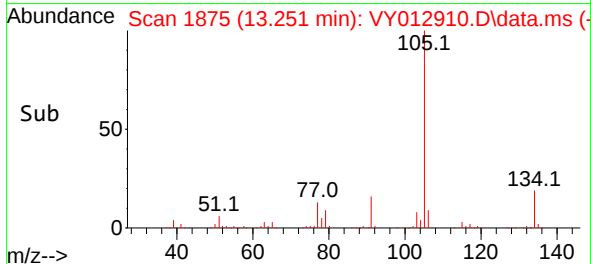
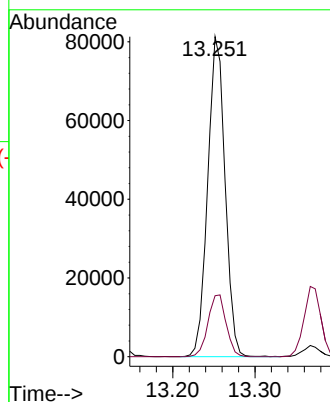
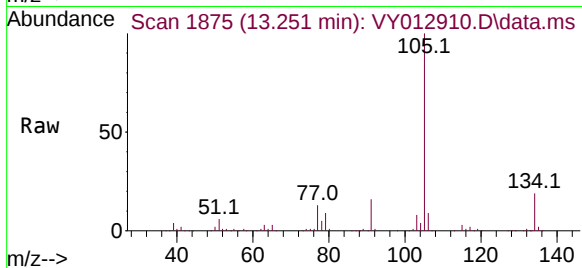
ClientSampleId :

Tgt Ion:105 Resp: 119178

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.781 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

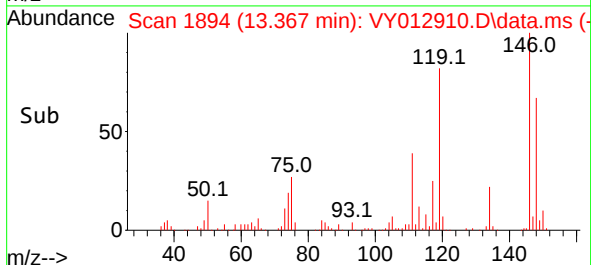
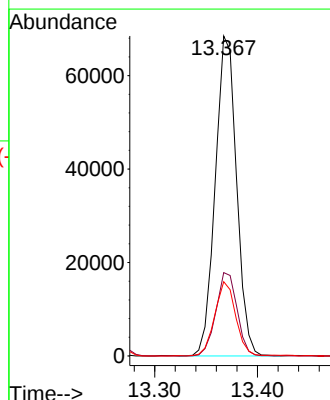
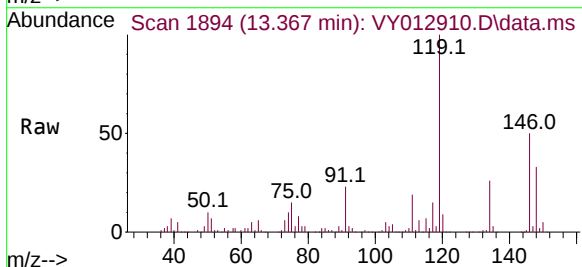
Tgt Ion:119 Resp: 98351

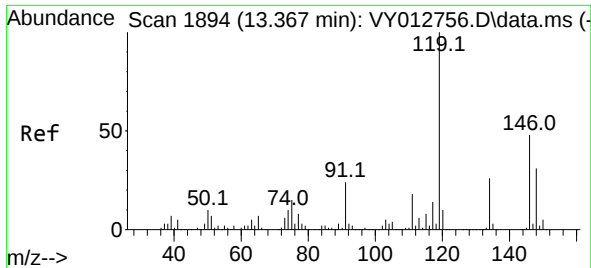
Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.6

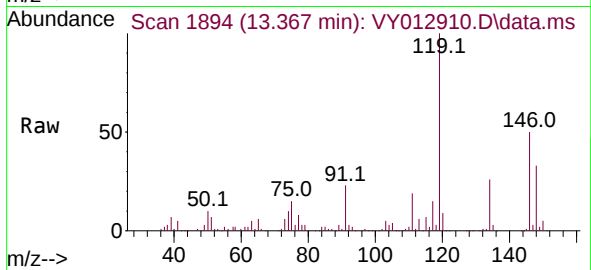
91 22.9 11.8 35.3



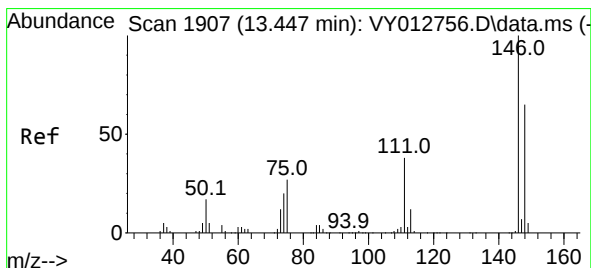
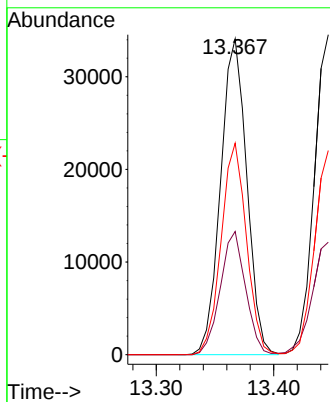
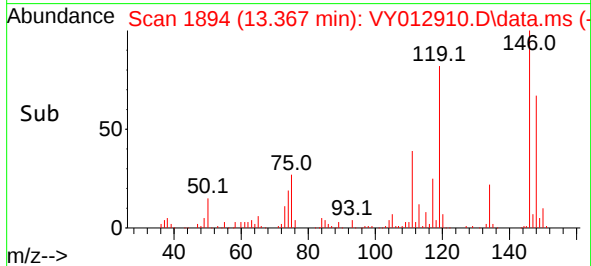


#87
1,3-Dichlorobenzene
Concen: 22.200 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Instrument :
MSVOA_Y
ClientSampleId :

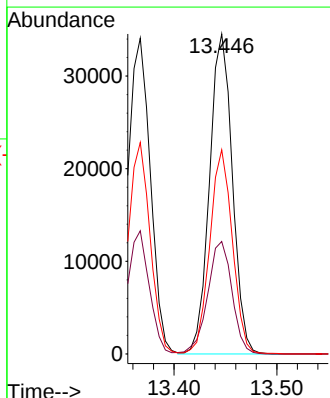
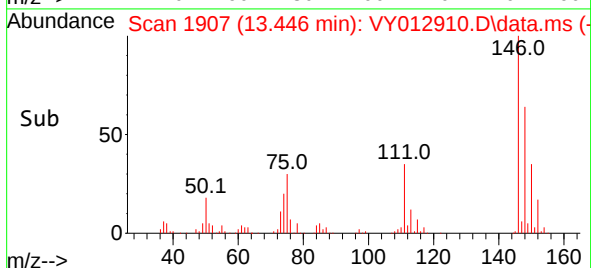
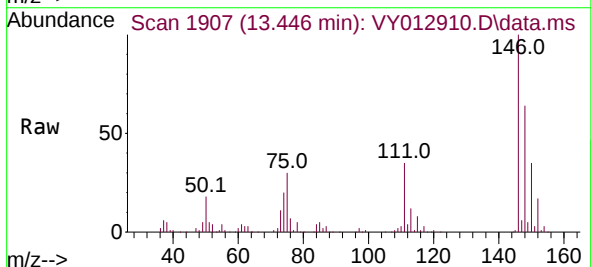


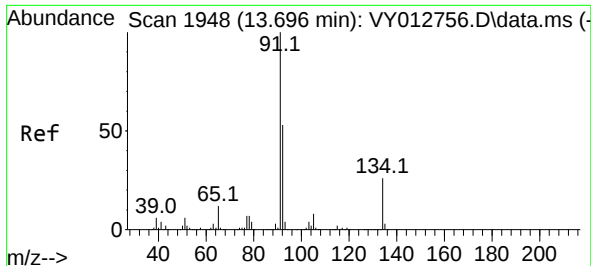
Tgt Ion:146 Resp: 52886
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.5
148 64.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 21.915 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion:146 Resp: 53282
Ion Ratio Lower Upper
146 100
111 37.6 18.6 55.8
148 63.4 31.5 94.5

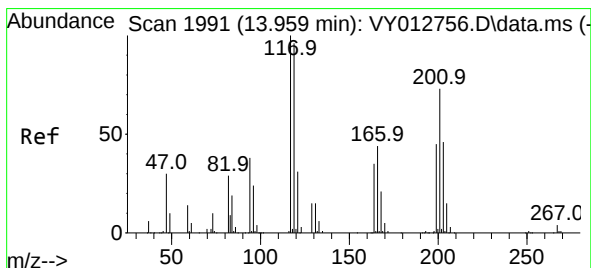
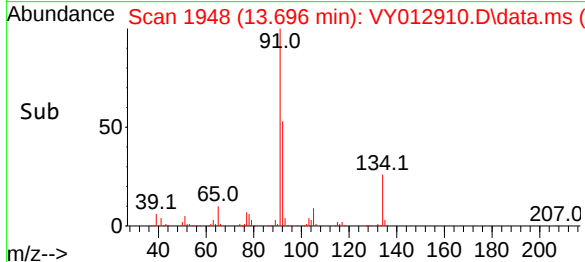
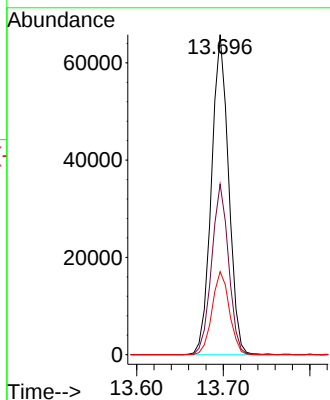
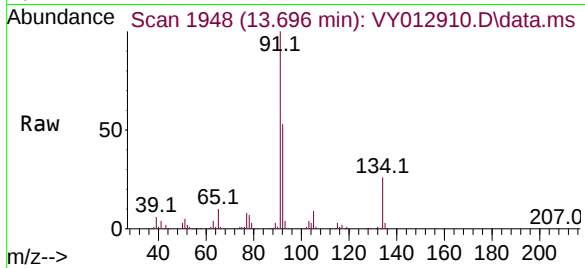




#89
n-Butylbenzene
Concen: 20.951 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

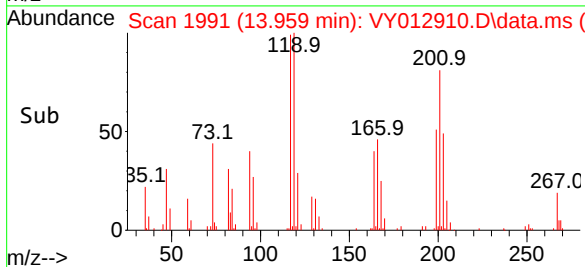
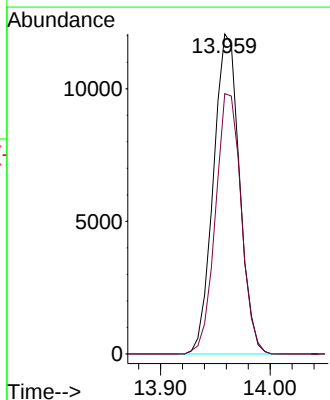
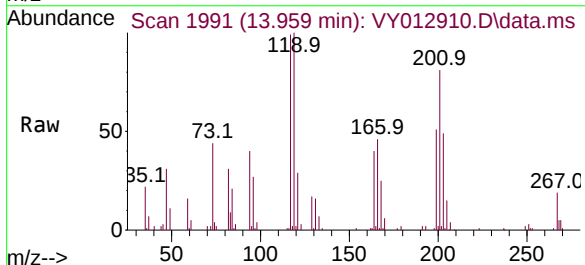
Instrument :
MSVOA_Y
ClientSampleId :

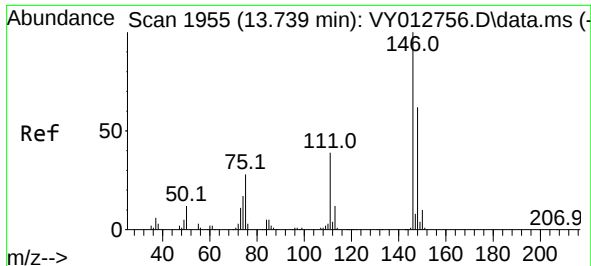
Tgt Ion: 91 Resp: 90568
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 26.1 13.0 38.9



#90
Hexachloroethane
Concen: 21.234 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012910.D
Acq: 10 Mar 2023 11:01

Tgt Ion: 117 Resp: 19970
Ion Ratio Lower Upper
117 100
201 80.2 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 22.335 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

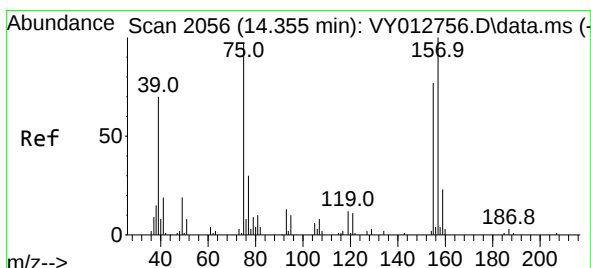
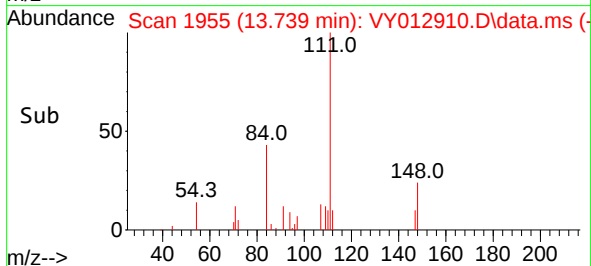
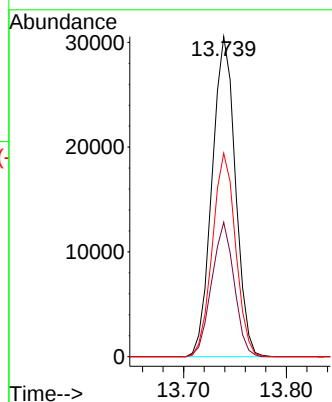
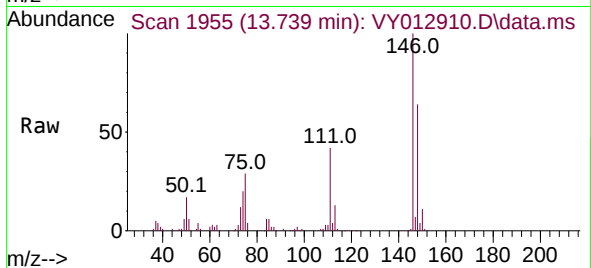
Tgt Ion:146 Resp: 48097

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.1

148 63.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.940 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

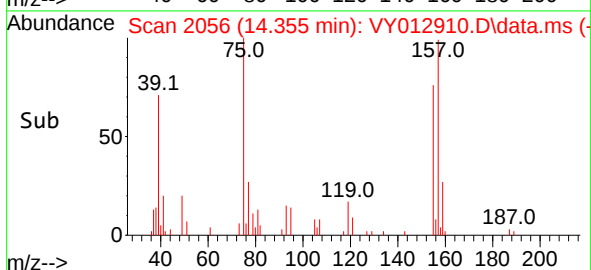
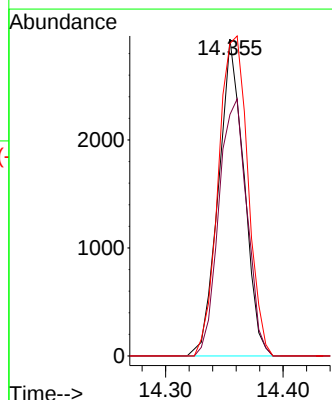
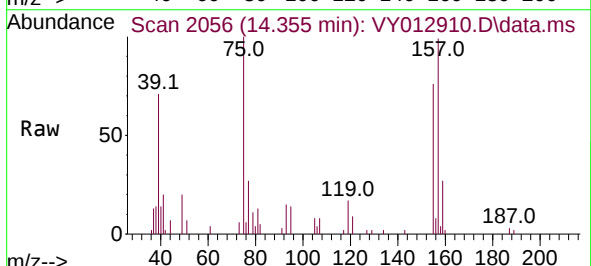
Tgt Ion: 75 Resp: 4422

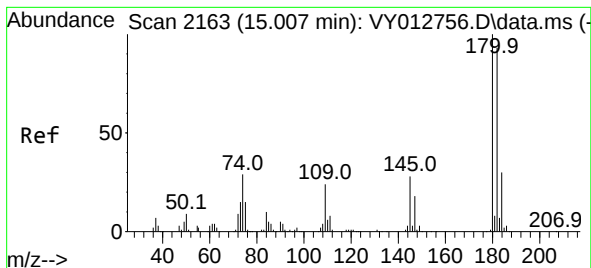
Ion Ratio Lower Upper

75 100

155 89.3 43.8 131.4

157 116.5 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.526 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

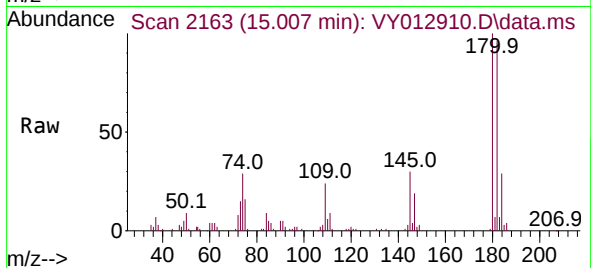
Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :



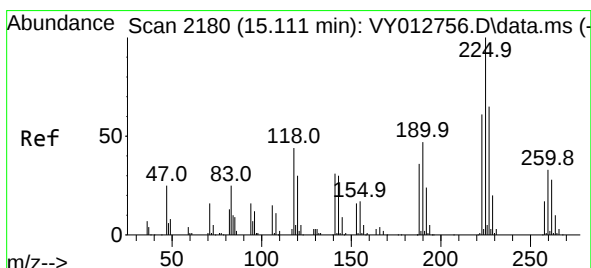
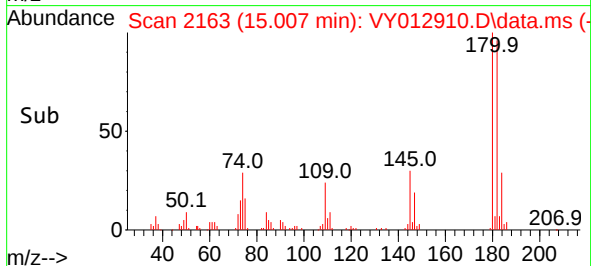
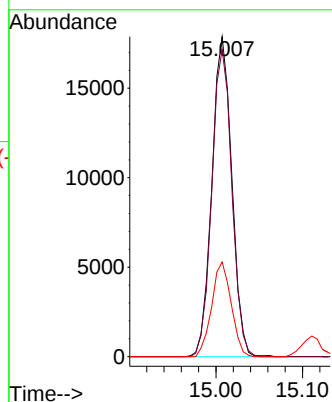
Tgt Ion:180 Resp: 28541

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.1

145 29.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.893 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

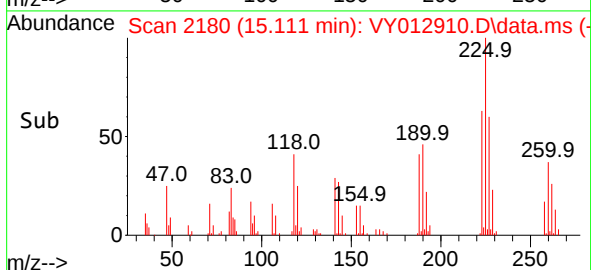
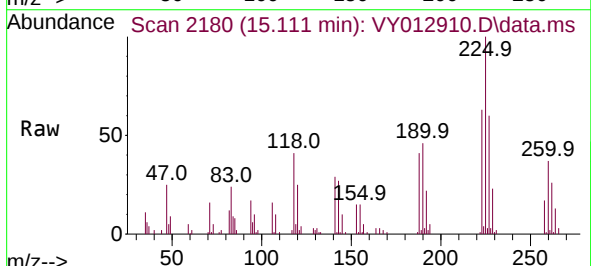
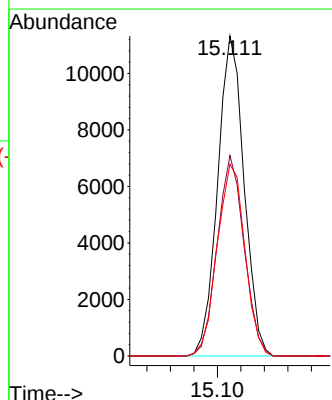
Tgt Ion:225 Resp: 17705

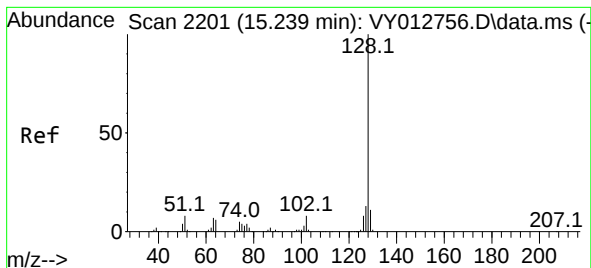
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.3

227 62.7 32.4 97.0





#95

Naphthalene

Concen: 21.469 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min MSVOA_Y

Lab File: VY012910.D

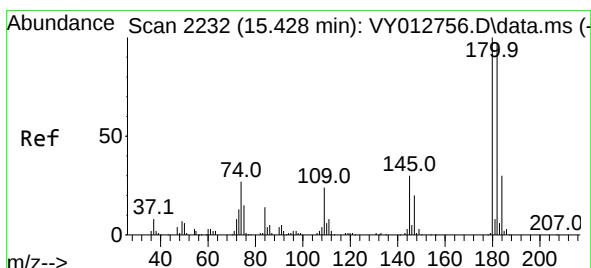
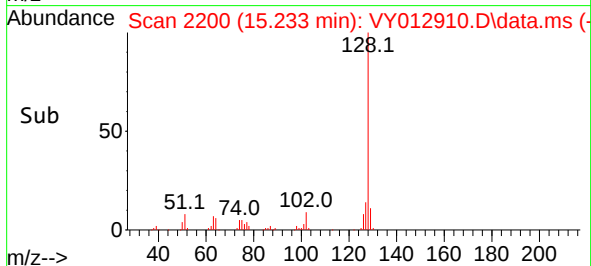
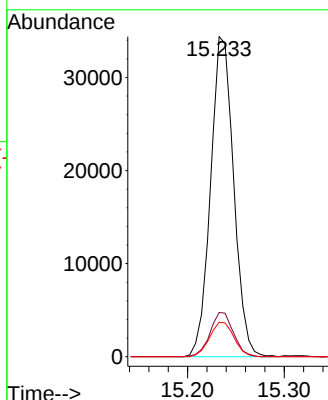
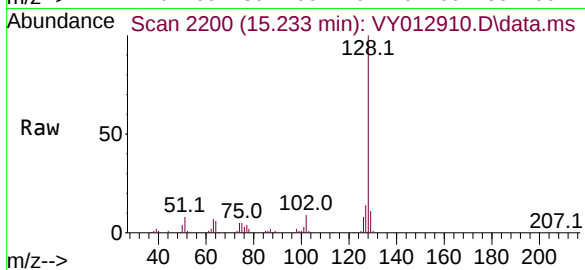
Acq: 10 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 57044
Ion Ratio	Lower Upper
128 100	
127 14.0	10.3 15.5
129 11.4	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.233 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012910.D

Acq: 10 Mar 2023 11:01

Tgt Ion:180	Resp: 26217
Ion Ratio	Lower Upper
180 100	
182 95.6	47.4 142.3
145 31.6	15.3 45.8

