

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012918.D
 Acq On : 10 Mar 2023 16:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 05:49:09 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	99828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	133210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46509	46.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.840%
35) Dibromofluoromethane	7.716	113	46921	51.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.720%
50) Toluene-d8	10.179	98	162470	49.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.483	95	56612	50.707	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50224	51.043	ug/l	97
3) Chloromethane	2.119	50	57149	48.583	ug/l	99
4) Vinyl Chloride	2.253	62	58267	54.017	ug/l	97
5) Bromomethane	2.656	94	34488	52.619	ug/l	92
6) Chloroethane	2.796	64	35127	54.376	ug/l	98
7) Trichlorofluoromethane	3.131	101	99276	55.414	ug/l	99
8) Diethyl Ether	3.534	74	32599	51.924	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	60249	55.897	ug/l	99
10) Methyl Iodide	4.095	142	77953	55.505	ug/l	98
11) Tert butyl alcohol	4.948	59	25841	224.660	ug/l	100
12) 1,1-Dichloroethene	3.875	96	56387	54.851	ug/l	98
13) Acrolein	3.729	56	27880	160.552	ug/l	99
14) Allyl chloride	4.485	41	103380	54.441	ug/l	98
15) Acrylonitrile	5.161	53	84943	256.782	ug/l	99
16) Acetone	3.948	43	98183	252.373	ug/l	100
17) Carbon Disulfide	4.198	76	177099	50.612	ug/l	99
18) Methyl Acetate	4.479	43	55205	47.650	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	148841	56.054	ug/l	98
20) Methylene Chloride	4.716	84	68087	58.238	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	64106	57.384	ug/l	99
22) Diisopropyl ether	6.119	45	204911	59.412	ug/l	97
23) Vinyl Acetate	6.058	43	612245	285.694	ug/l	99
24) 1,1-Dichloroethane	6.015	63	115805	58.923	ug/l	99
25) 2-Butanone	6.984	43	123037	255.339	ug/l	97
26) 2,2-Dichloropropane	6.978	77	102942	58.974	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	70118	58.543	ug/l	98
28) Bromochloromethane	7.332	49	39672	55.236	ug/l	98
29) Tetrahydrofuran	7.344	42	73278	252.145	ug/l	99
30) Chloroform	7.502	83	117596	60.576	ug/l	99
31) Cyclohexane	7.783	56	97197	51.203	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	99937	56.926	ug/l	99
36) 1,1-Dichloropropene	7.917	75	86698	57.180	ug/l	99
37) Ethyl Acetate	7.070	43	50714	53.067	ug/l	97
38) Carbon Tetrachloride	7.899	117	92882	59.321	ug/l	99
39) Methylcyclohexane	9.185	83	102270	56.734	ug/l	96
40) Benzene	8.161	78	246644	57.506	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	69058	134.123	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	73022	56.629	ug/l	100
43) Isopropyl Acetate	8.271	43	87758	51.470	ug/l	98
44) Trichloroethene	8.941	130	65001	57.482	ug/l	98
45) 1,2-Dichloropropane	9.216	63	62138	57.326	ug/l	98
46) Dibromomethane	9.307	93	34443	55.775	ug/l	99
47) Bromodichloromethane	9.496	83	84002	57.724	ug/l	95
48) Methyl methacrylate	9.295	41	40143	51.097	ug/l	97
49) 1,4-Dioxane	9.301	88	8316	1041.701	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	235793	254.949	ug/l	99
52) Toluene	10.246	92	153639	59.397	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	87890	57.580	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	99465	57.572	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	47757	55.531	ug/l	99
56) Ethyl methacrylate	10.514	69	63364	55.257	ug/l	99
57) 1,3-Dichloropropane	10.788	76	82176	56.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	154922	257.355	ug/l	100
59) 2-Hexanone	10.831	43	172743	256.991	ug/l	99
60) Dibromochloromethane	10.984	129	60660	57.945	ug/l	99
61) 1,2-Dibromoethane	11.093	107	45539	54.970	ug/l	100
64) Tetrachloroethene	10.721	164	56052	57.794	ug/l	98
65) Chlorobenzene	11.520	112	160138	57.279	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	62088	60.016	ug/l	97
67) Ethyl Benzene	11.593	91	293231	59.656	ug/l	100
68) m/p-Xylenes	11.703	106	226153	119.599	ug/l	99
69) o-Xylene	12.032	106	105233	59.630	ug/l	100
70) Styrene	12.044	104	178911	60.750	ug/l	99
71) Bromoform	12.209	173	37471	55.553	ug/l #	97
73) Isopropylbenzene	12.331	105	287773	58.726	ug/l	99
74) N-amyl acetate	12.148	43	77216	50.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	57405	52.113	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	72043	87.252	ug/l #	100
77) Bromobenzene	12.611	156	66865	56.168	ug/l	96
78) n-propylbenzene	12.672	91	352393	58.328	ug/l	99
79) 2-Chlorotoluene	12.758	91	193119	57.514	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	234883	58.082	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19909	49.961	ug/l	97
82) 4-Chlorotoluene	12.855	91	197852	56.922	ug/l	99
83) tert-Butylbenzene	13.081	119	211676	60.644	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	232634	58.828	ug/l	99
85) sec-Butylbenzene	13.258	105	313245	58.826	ug/l	99
86) p-Isopropyltoluene	13.373	119	256245	58.879	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	131003	57.058	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	130555	55.715	ug/l	99
89) n-Butylbenzene	13.696	91	243314	58.401	ug/l	99
90) Hexachloroethane	13.965	117	51900	57.257	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	115998	55.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8924	50.127	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	69967	54.753	ug/l	98
94) Hexachlorobutadiene	15.117	225	43564	55.894	ug/l	99
95) Naphthalene	15.239	128	134291	52.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	61071	53.736	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

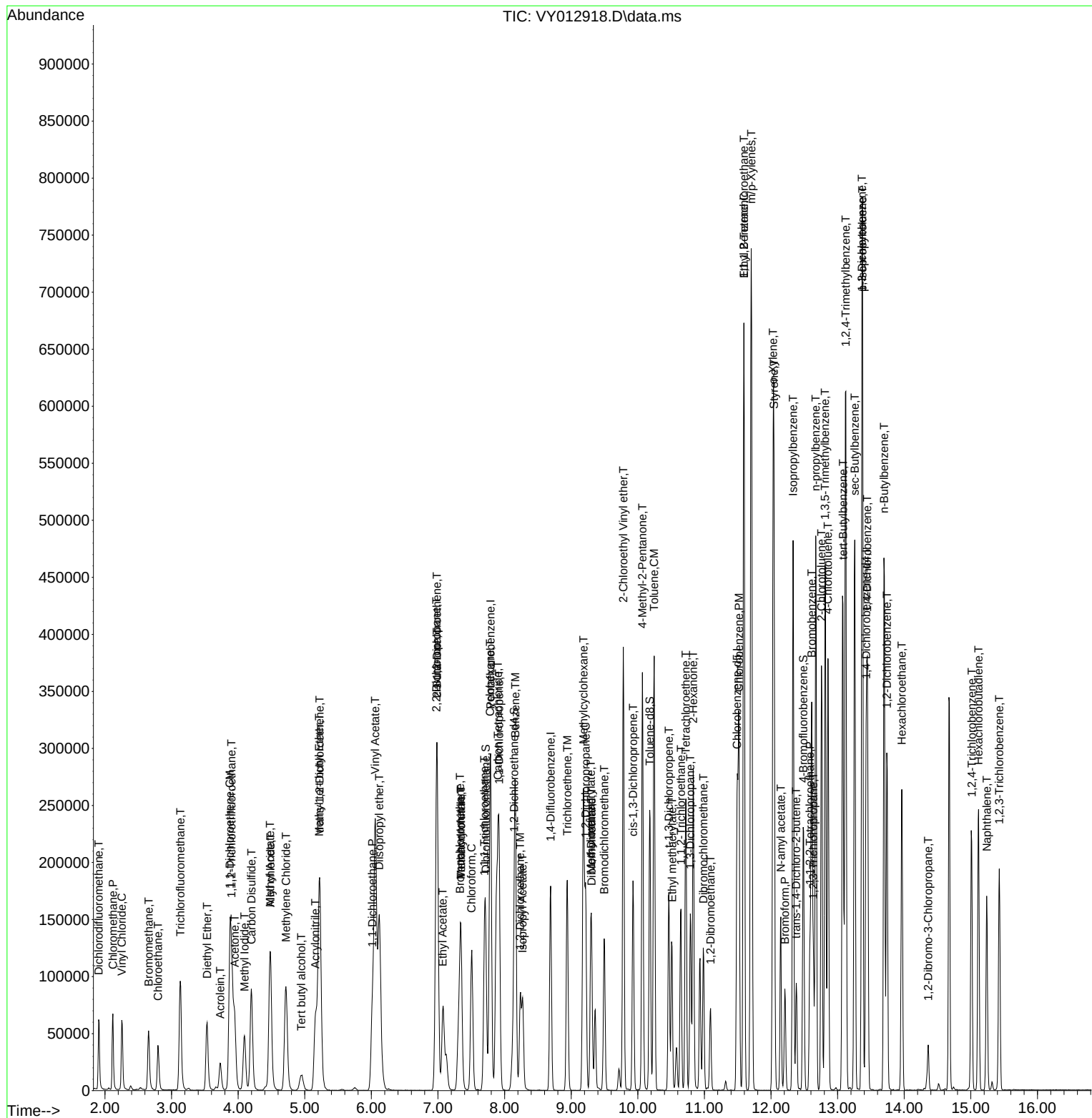
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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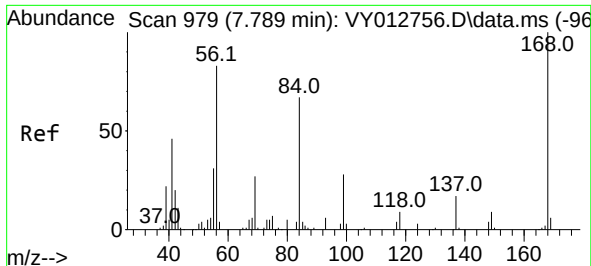
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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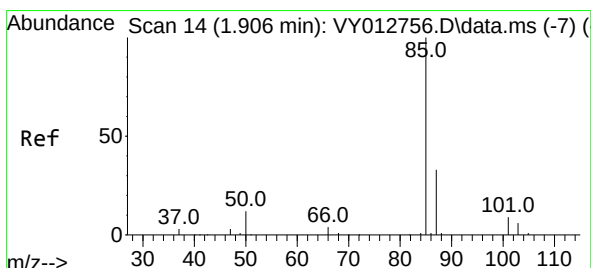
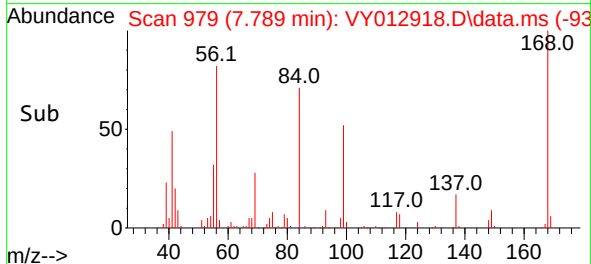
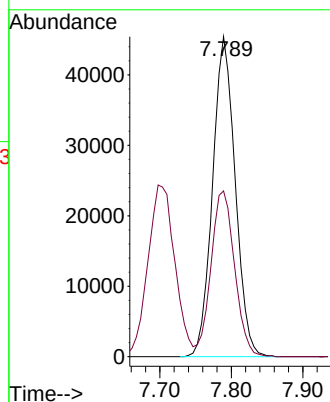
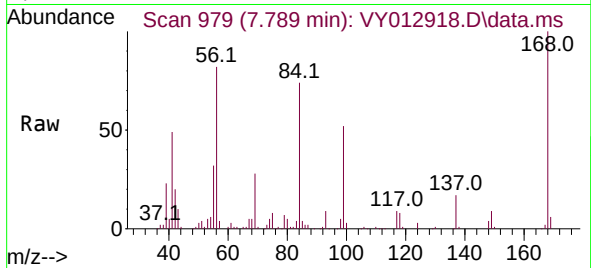




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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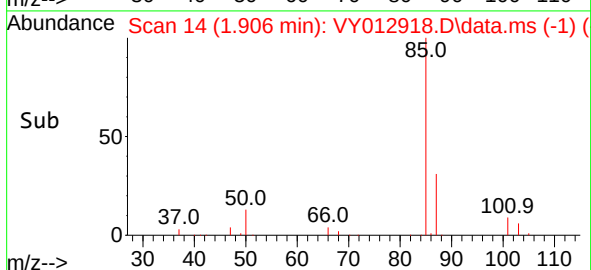
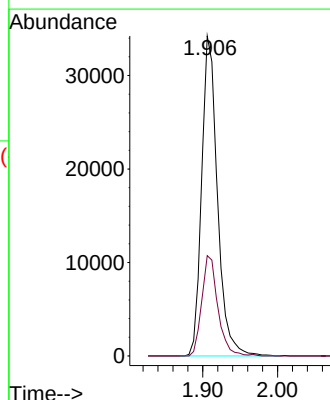
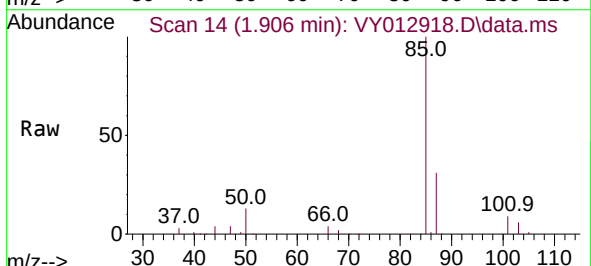
Instrument :
MSVOA_Y
ClientSampleId :

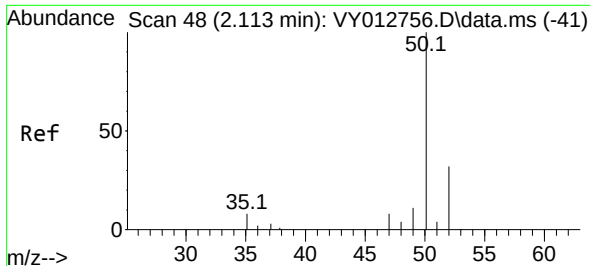
Tgt Ion:168 Resp: 99828
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 51.043 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 85 Resp: 50224
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.0

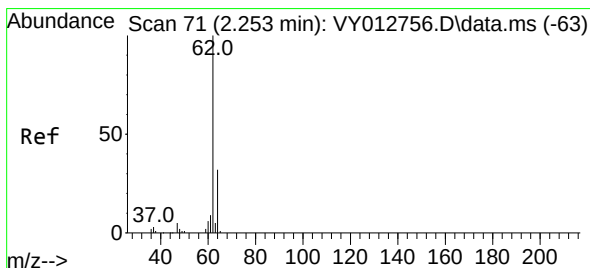
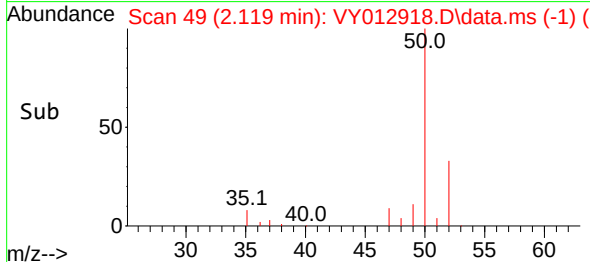
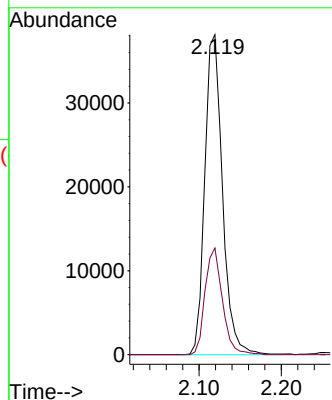
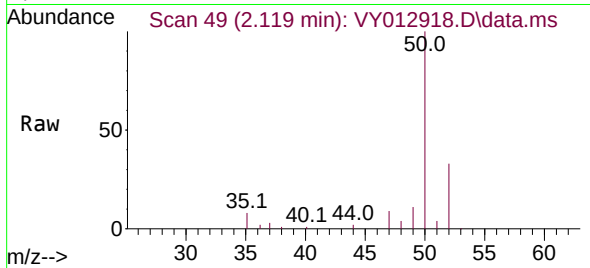




#3
Chloromethane
Concen: 48.583 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

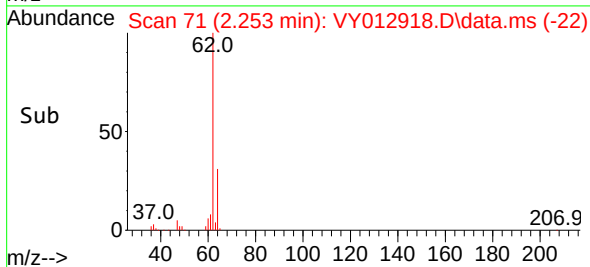
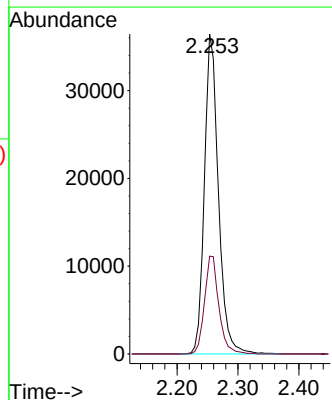
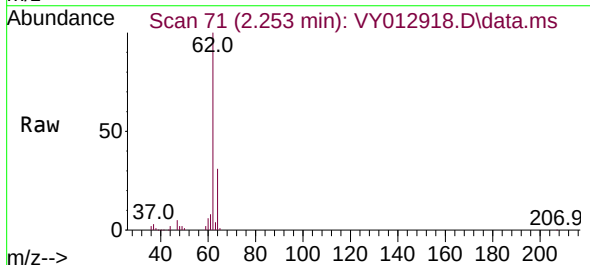
Instrument :
MSVOA_Y
ClientSampleId :

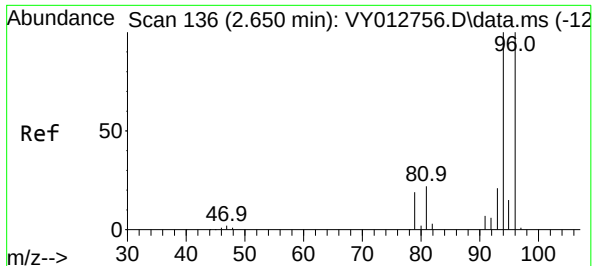
Tgt Ion: 50 Resp: 57149
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 54.017 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 62 Resp: 58267
Ion Ratio Lower Upper
62 100
64 30.5 25.6 38.4





#5

Bromomethane

Concen: 52.619 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

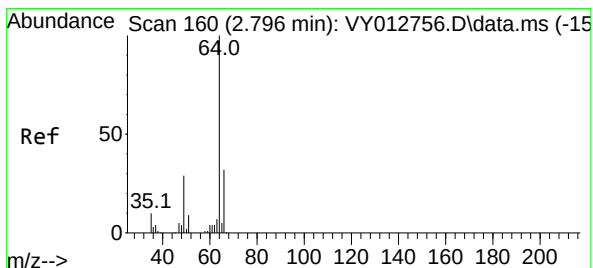
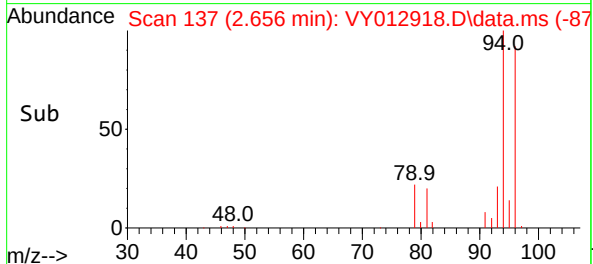
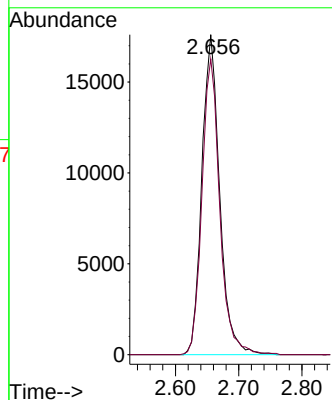
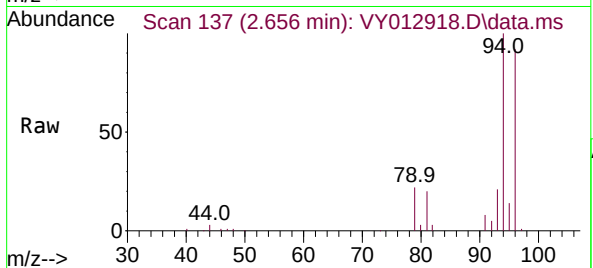
ClientSampleId :

Tgt Ion: 94 Resp: 34488

Ion Ratio Lower Upper

94 100

96 92.5 80.3 120.5



#6

Chloroethane

Concen: 54.376 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY012918.D

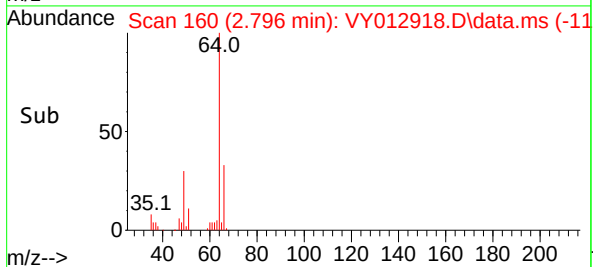
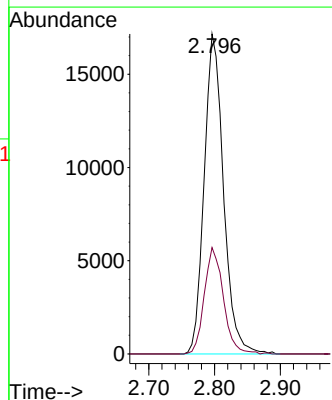
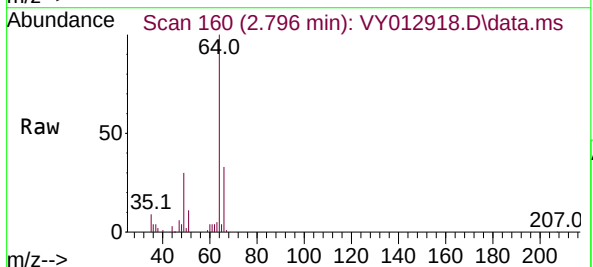
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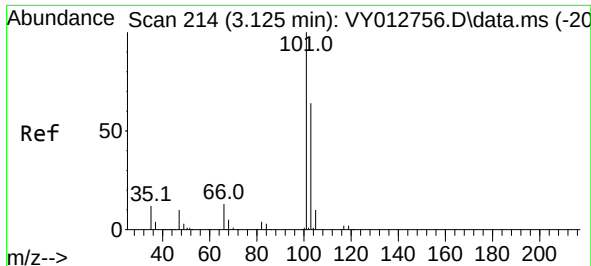
Tgt Ion: 64 Resp: 35127

Ion Ratio Lower Upper

64 100

66 33.3 25.7 38.5

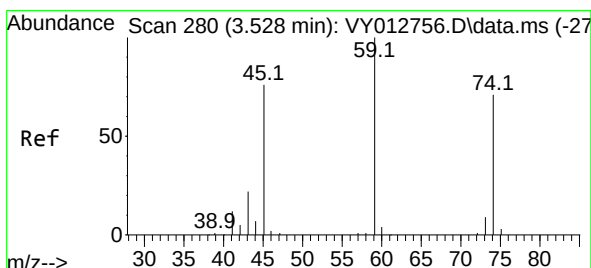
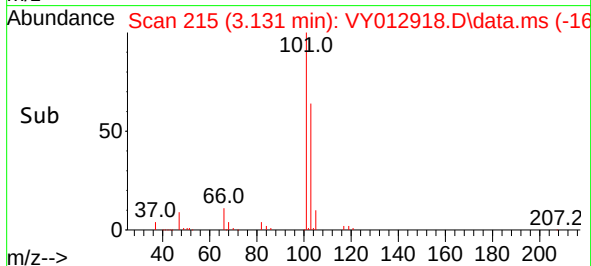
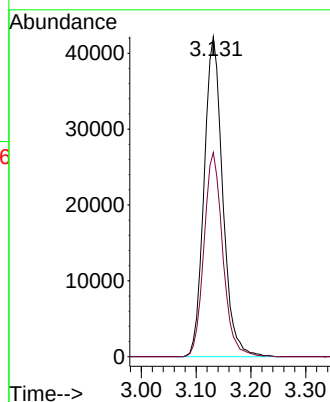
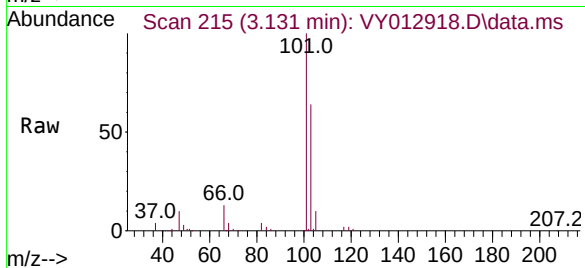




#7
 Trichlorofluoromethane
 Concen: 55.414 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY012918.D
 Acq: 10 Mar 2023 16:58

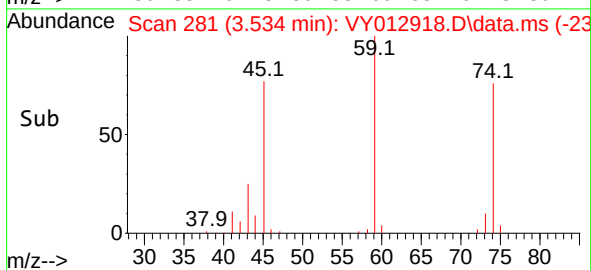
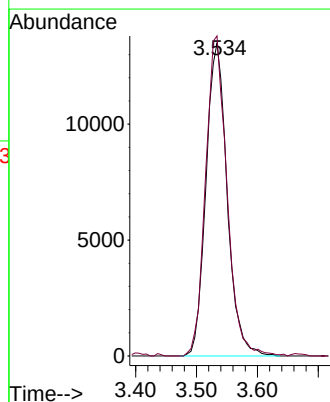
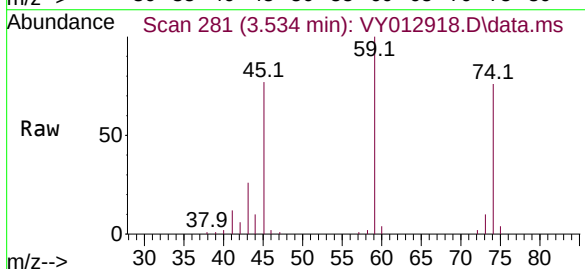
Instrument :
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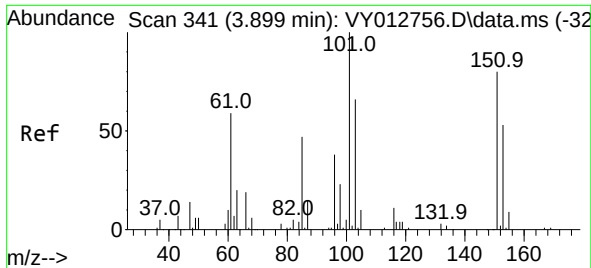
Tgt Ion:101 Resp: 99276
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 51.924 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012918.D
 Acq: 10 Mar 2023 16:58

Tgt Ion: 74 Resp: 32599
 Ion Ratio Lower Upper
 74 100
 45 103.6 52.1 156.4

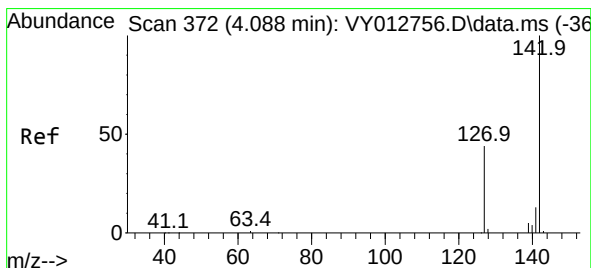
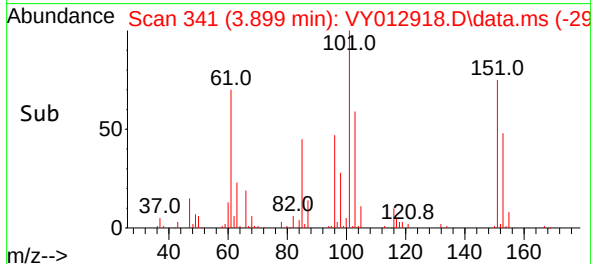
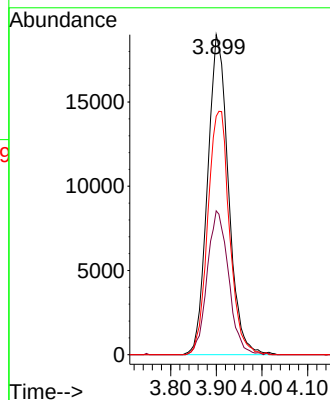
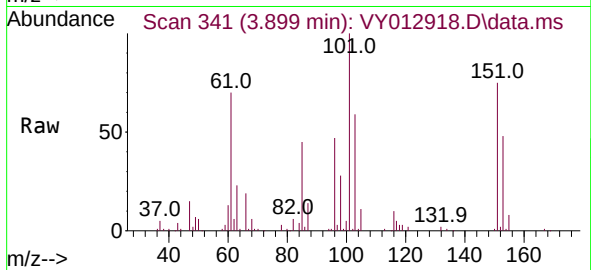




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.897 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

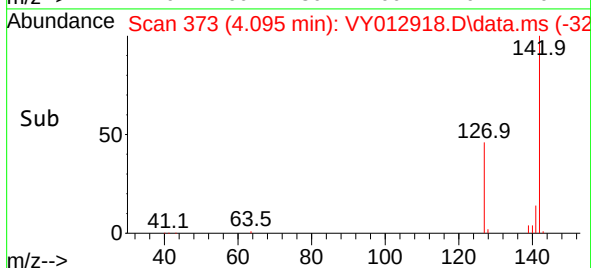
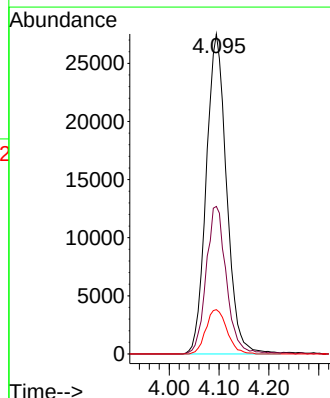
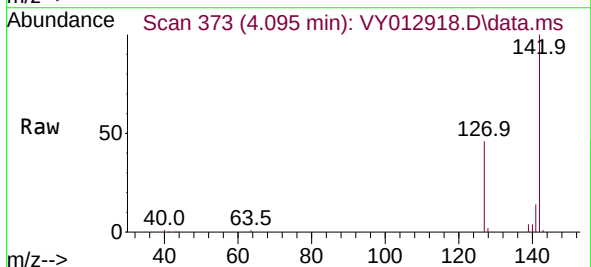
Instrument :
MSVOA_Y
ClientSampleId :

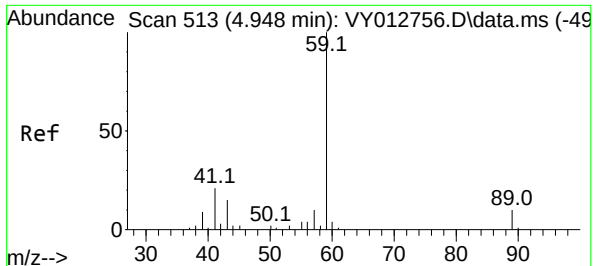
Tgt Ion:101 Resp: 60249
Ion Ratio Lower Upper
101 100
85 46.0 35.3 52.9
151 79.1 63.1 94.7



#10
Methyl Iodide
Concen: 55.505 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion:142 Resp: 77953
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.2
141 14.4 11.3 16.9

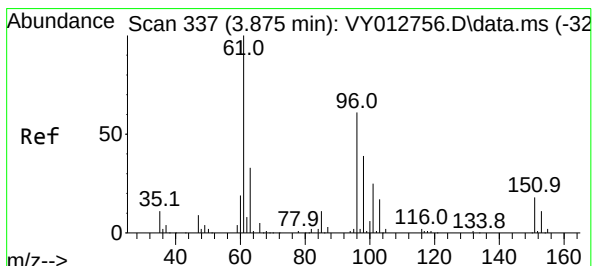
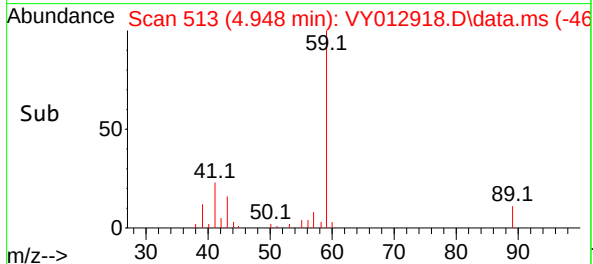
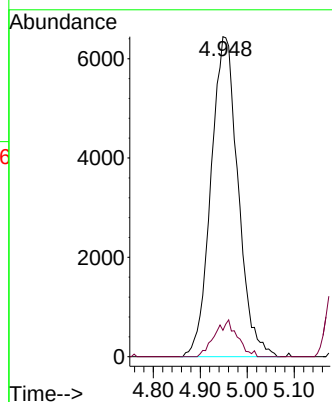
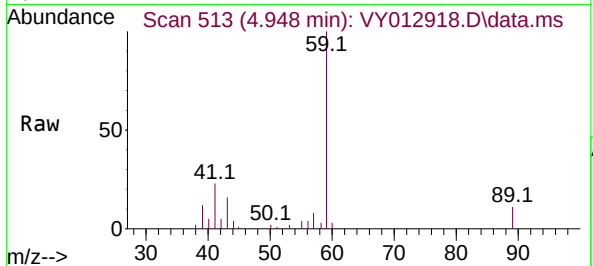




#11
Tert butyl alcohol
Concen: 224.660 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

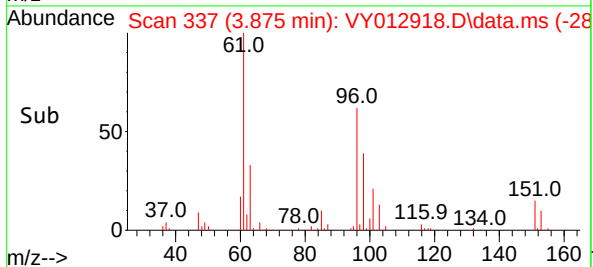
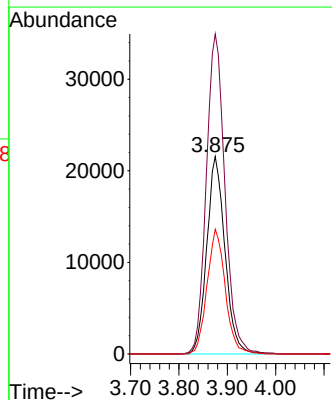
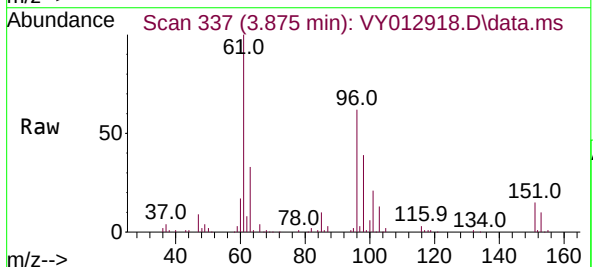
Instrument :
MSVOA_Y
ClientSampleId :

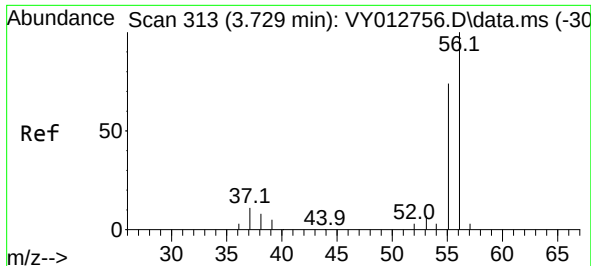
Tgt Ion: 59 Resp: 25841
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 54.851 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 96 Resp: 56387
Ion Ratio Lower Upper
96 100
61 162.1 131.7 197.5
98 63.1 52.0 78.0





#13

Acrolein

Concen: 160.552 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

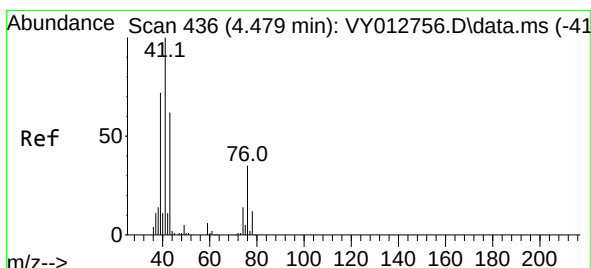
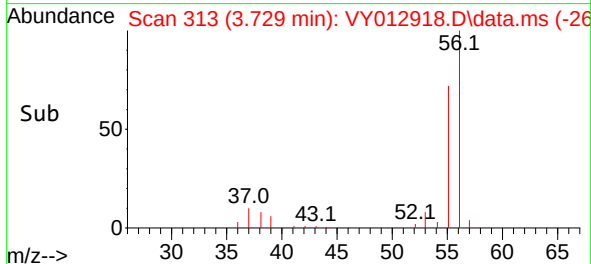
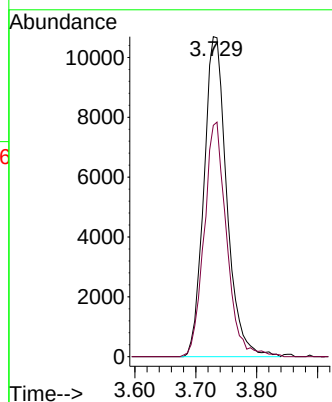
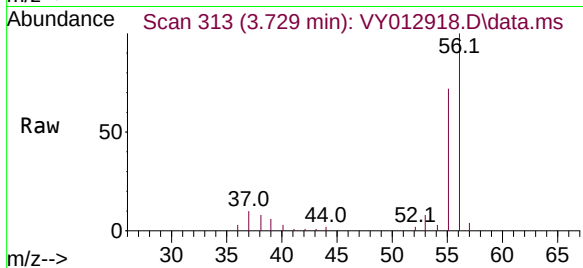
ClientSampleId :

Tgt Ion: 56 Resp: 27880

Ion Ratio Lower Upper

56 100

55 72.2 56.8 85.2



#14

Allyl chloride

Concen: 54.441 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

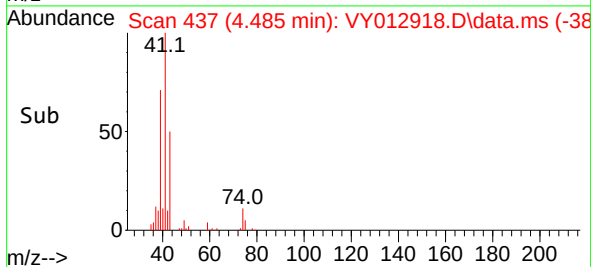
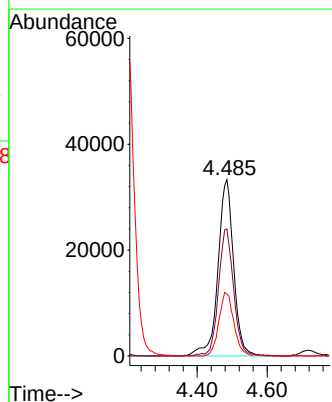
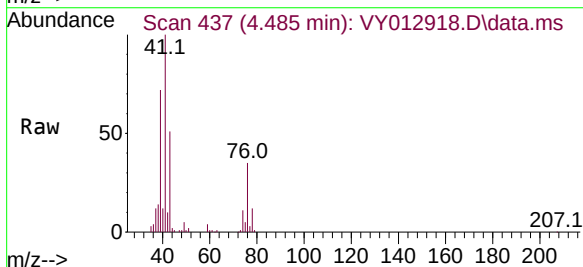
Tgt Ion: 41 Resp: 103380

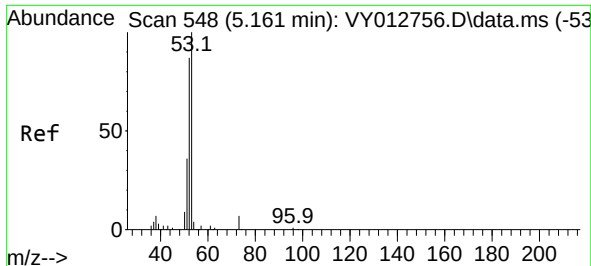
Ion Ratio Lower Upper

41 100

39 69.7 53.6 80.4

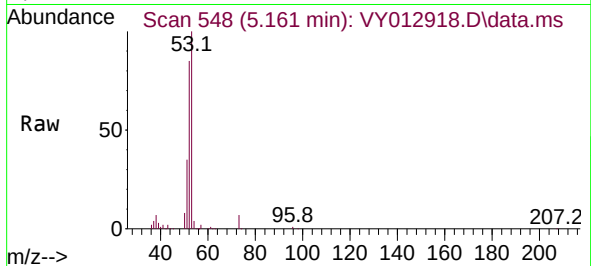
76 34.4 27.2 40.8



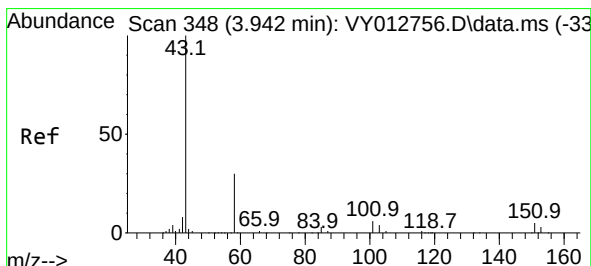
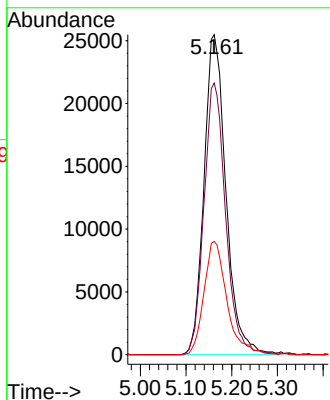
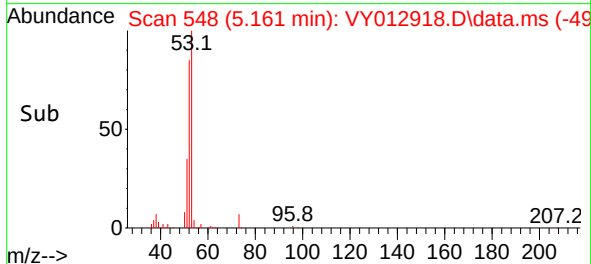


#15
Acrylonitrile
Concen: 256.782 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :

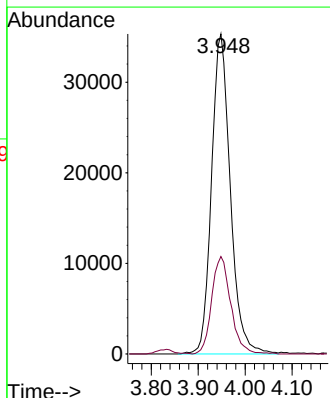
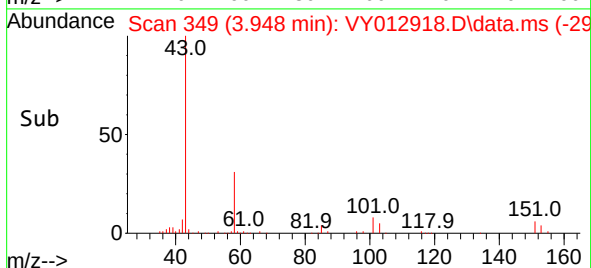
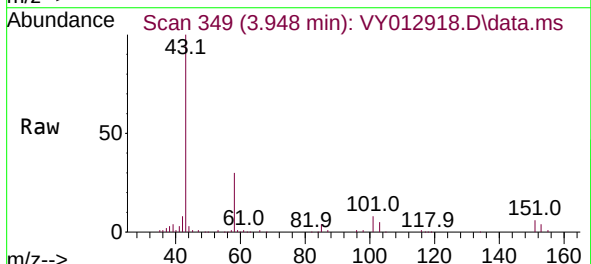


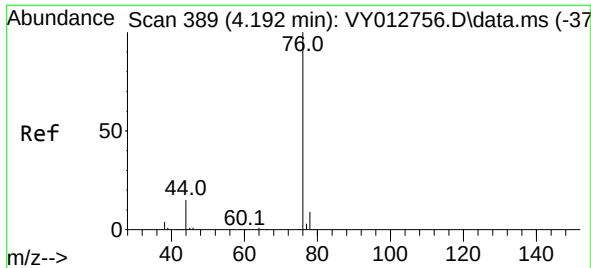
Tgt Ion:	53	Resp:	84943
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.3	99.5
51	37.1	28.8	43.2



#16
Acetone
Concen: 252.373 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion:	43	Resp:	98183
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.2	36.2

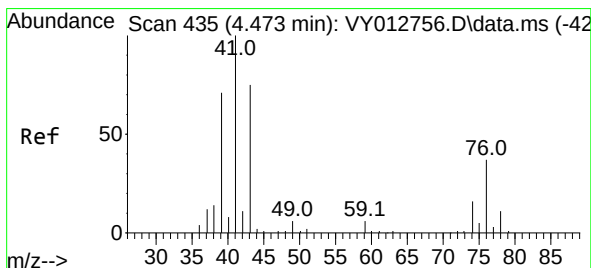
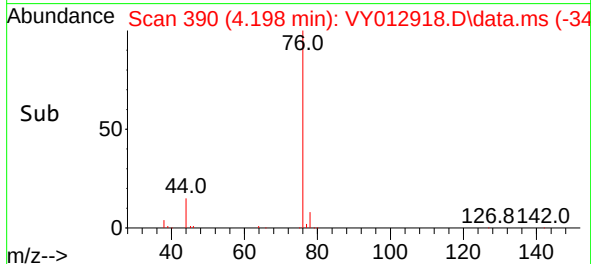
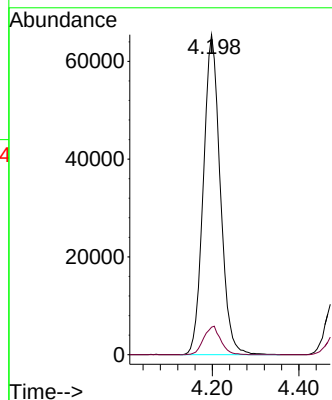
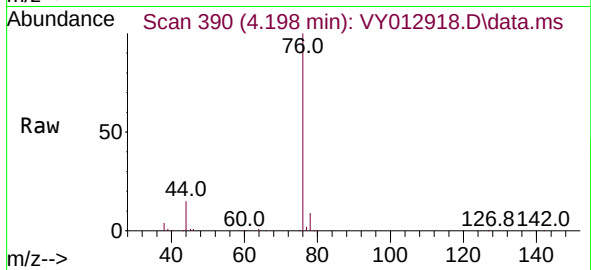




#17
Carbon Disulfide
Concen: 50.612 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

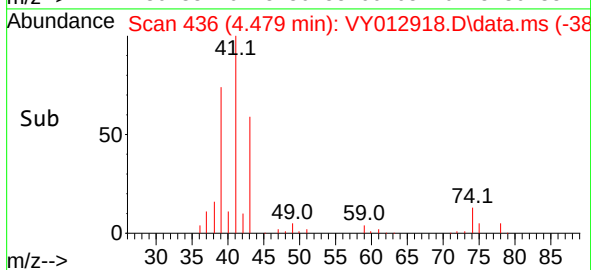
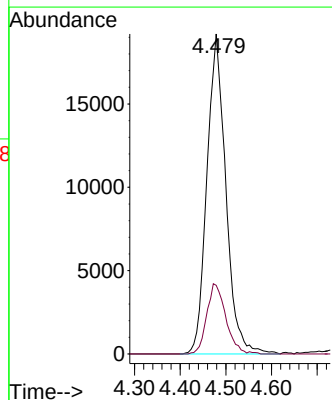
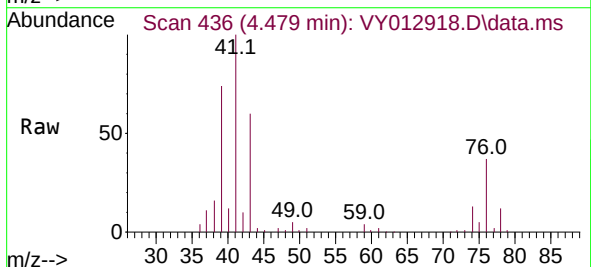
Instrument :
MSVOA_Y
ClientSampleId :

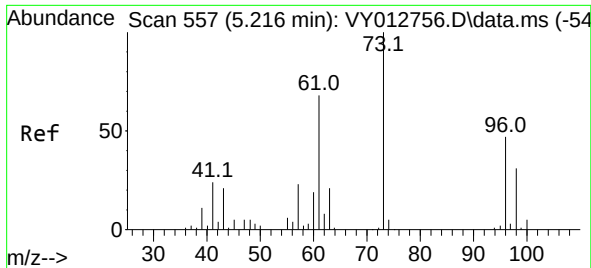
Tgt Ion: 76 Resp: 177099
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 47.650 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 43 Resp: 55205
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0

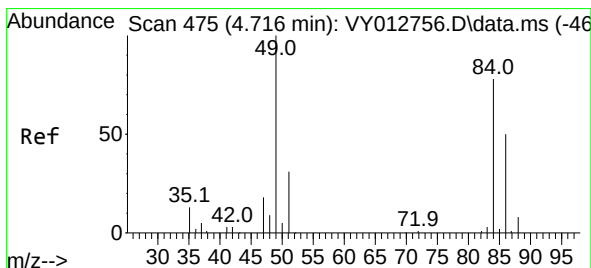
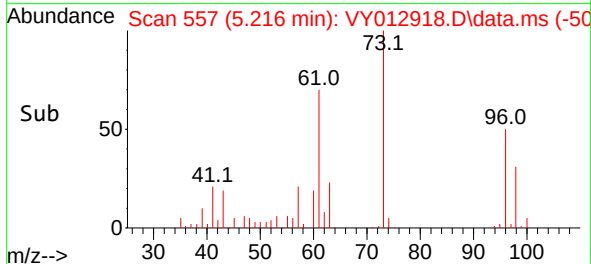
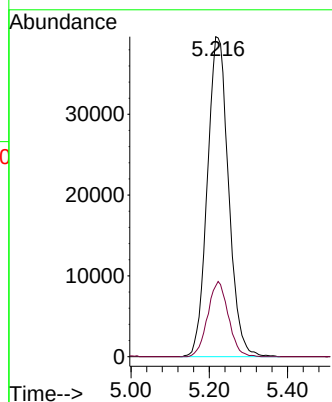
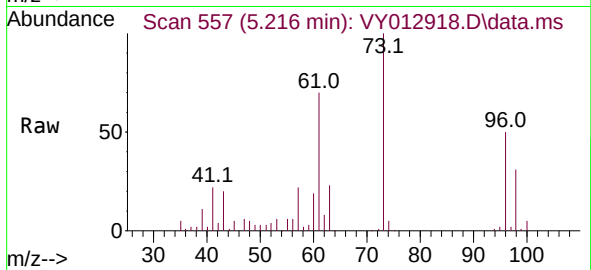




#19
Methyl tert-butyl Ether
Concen: 56.054 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

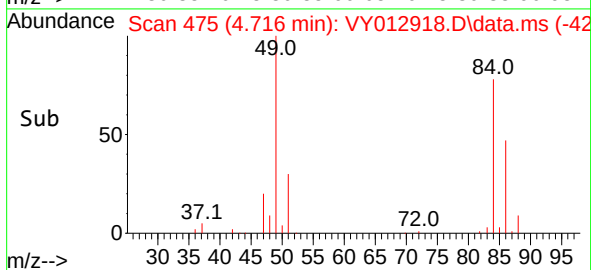
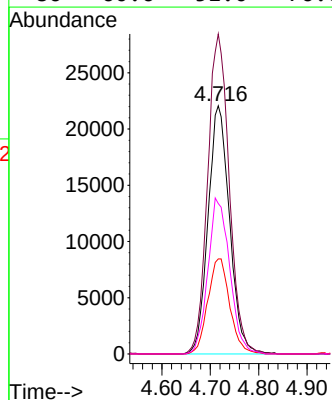
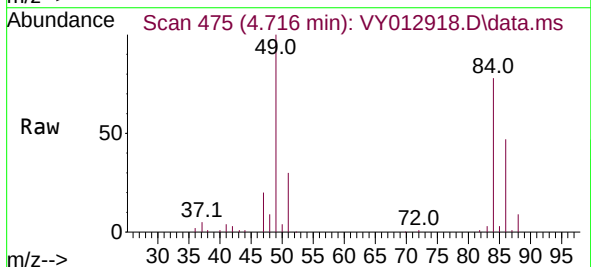
Instrument :
MSVOA_Y
ClientSampleId :

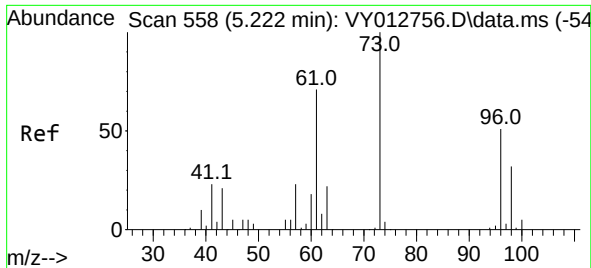
Tgt Ion: 73 Resp: 148841
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 58.238 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

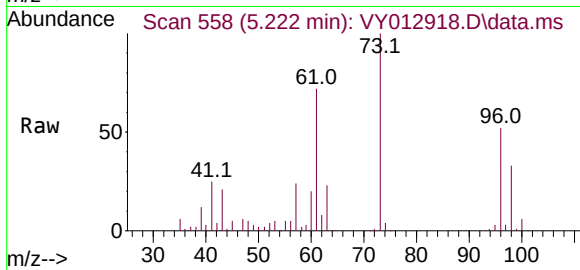
Tgt Ion: 84 Resp: 68087
Ion Ratio Lower Upper
84 100
49 129.0 102.6 154.0
51 38.3 31.9 47.9
86 60.6 51.0 76.6



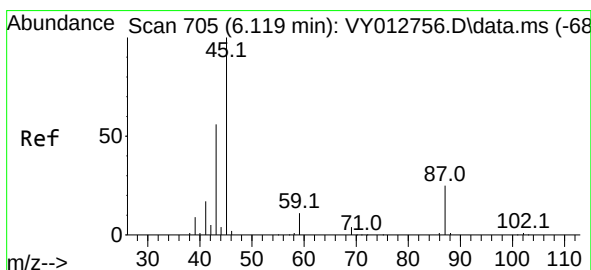
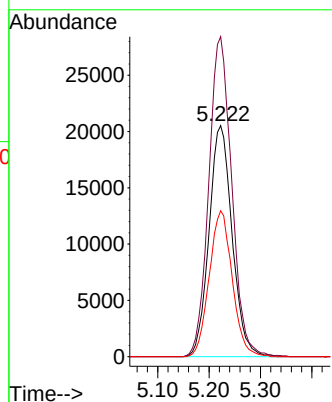
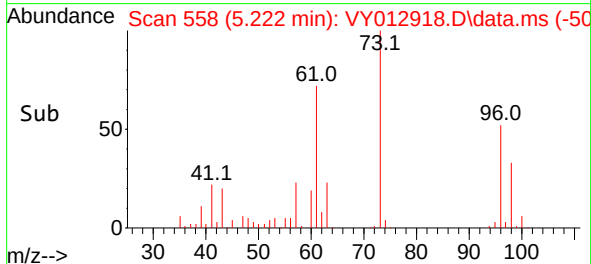


#21
trans-1,2-Dichloroethene
Concen: 57.384 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :

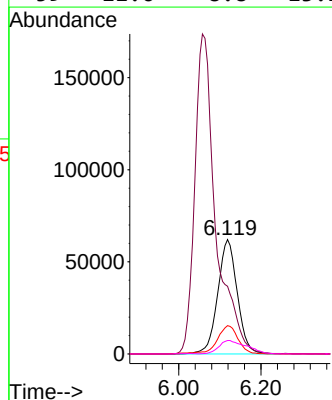
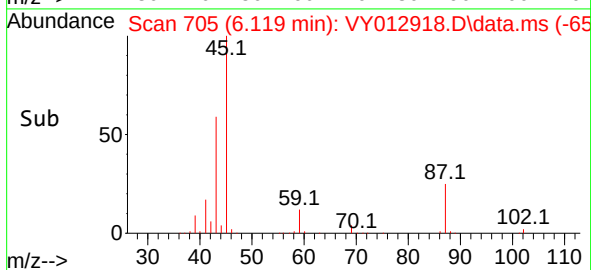
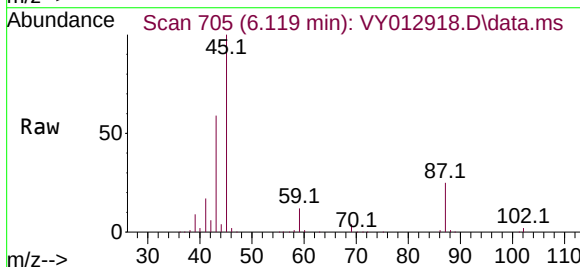


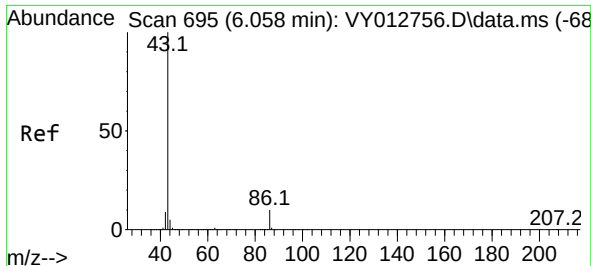
Tgt Ion: 96 Resp: 64106
Ion Ratio Lower Upper
96 100
61 138.5 111.4 167.0
98 63.2 50.8 76.2



#22
Diisopropyl ether
Concen: 59.412 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 45 Resp: 204911
Ion Ratio Lower Upper
45 100
43 58.8 45.0 67.6
87 24.8 20.3 30.5
59 11.6 8.8 13.2

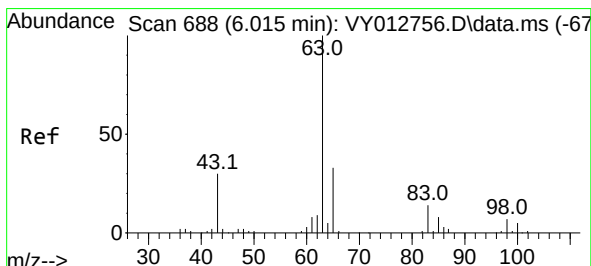
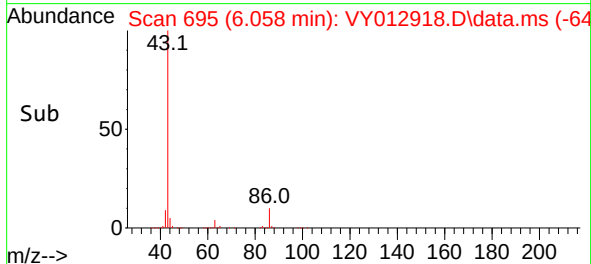
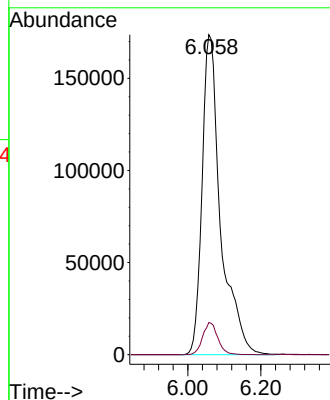
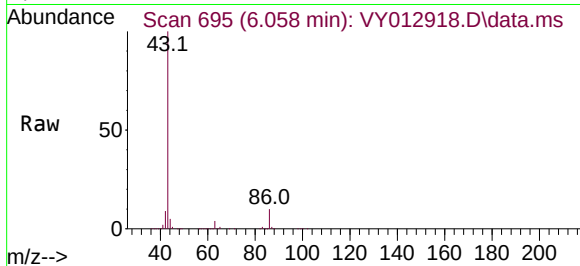




#23
 Vinyl Acetate
 Concen: 285.694 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012918.D
 Acq: 10 Mar 2023 16:58

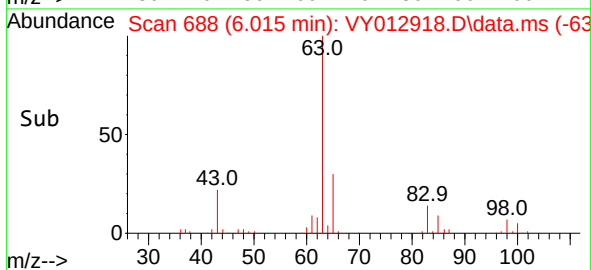
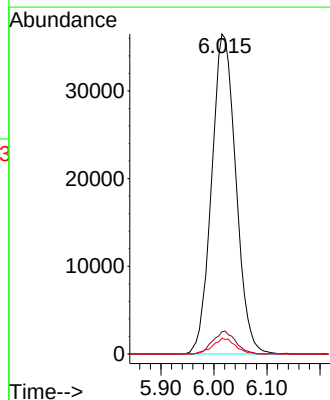
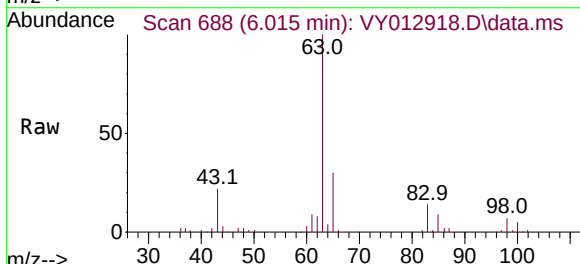
Instrument :
 MSVOA_Y
 ClientSampleId :

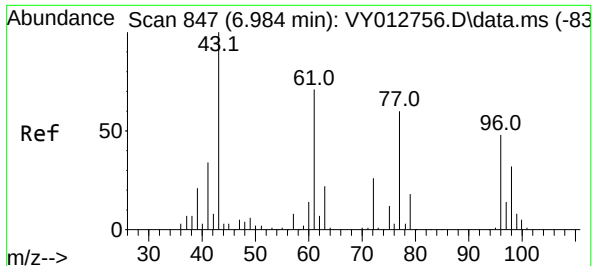
Tgt Ion: 43 Resp: 612245
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 58.923 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012918.D
 Acq: 10 Mar 2023 16:58

Tgt Ion: 63 Resp: 115805
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 5.0 2.3 6.8





#25

2-Butanone

Concen: 255.339 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

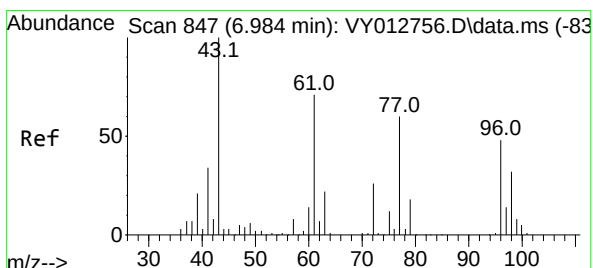
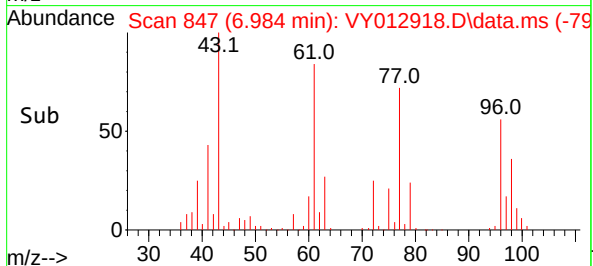
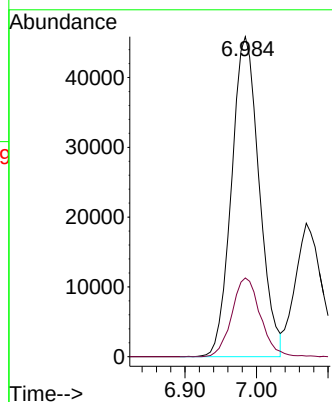
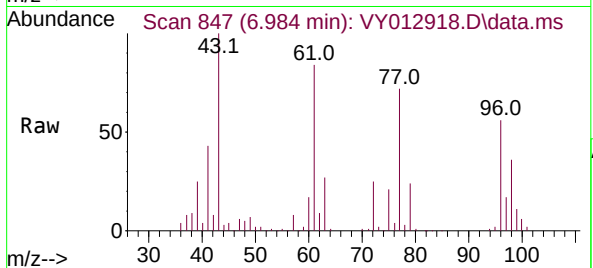
ClientSampleId :

Tgt Ion: 43 Resp: 123037

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 58.974 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012918.D

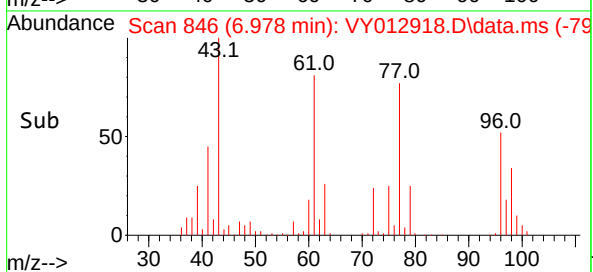
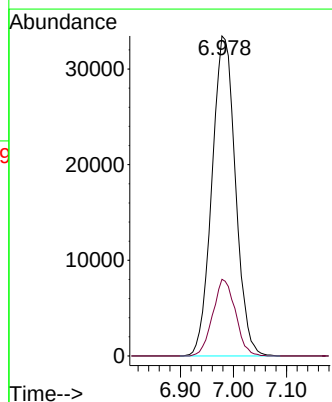
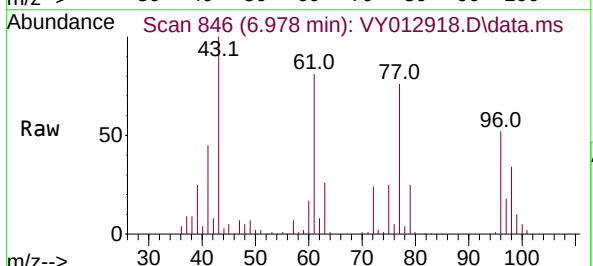
Acq: 10 Mar 2023 16:58

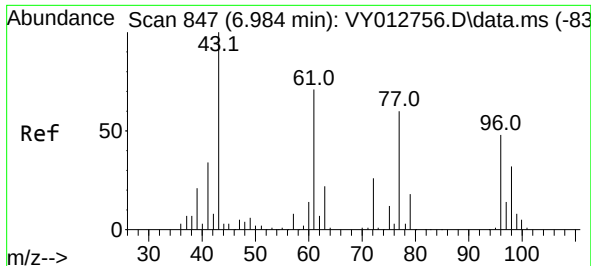
Tgt Ion: 77 Resp: 102942

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

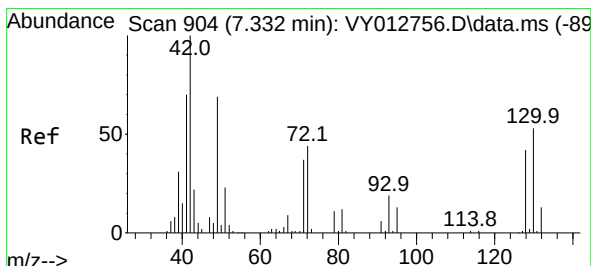
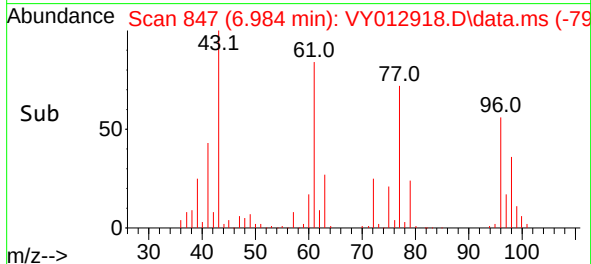
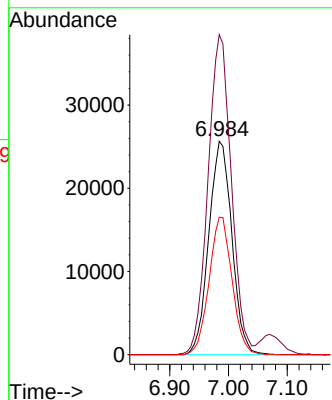
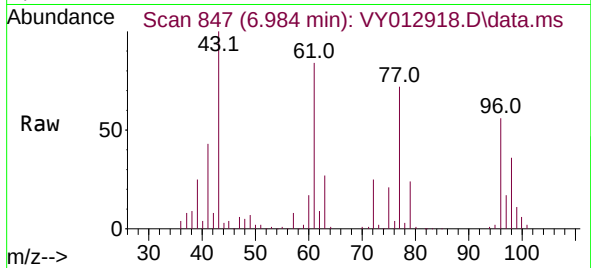




#27
 cis-1,2-Dichloroethene
 Concen: 58.543 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012918.D
 Acq: 10 Mar 2023 16:58

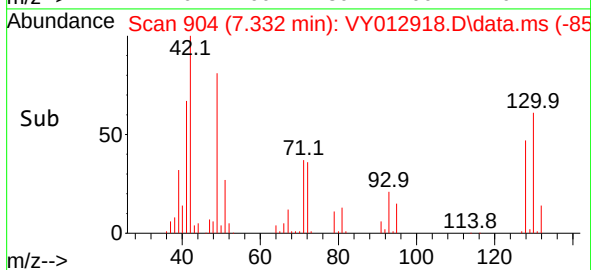
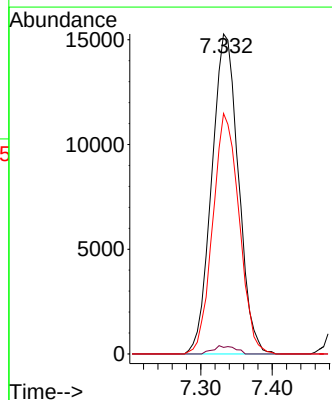
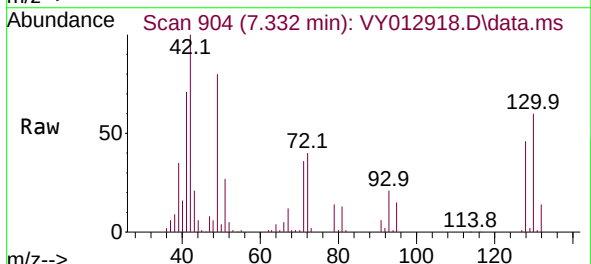
Instrument :
 MSVOA_Y
 ClientSampleId :

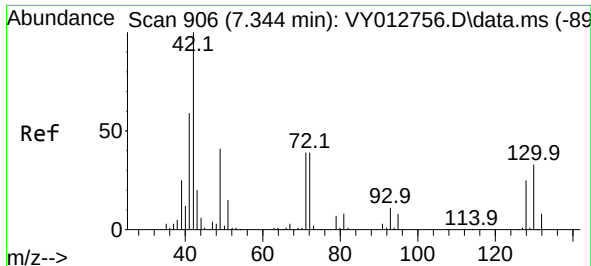
Tgt Ion: 96 Resp: 70118
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 295.8
 98 64.0 0.0 130.2



#28
 Bromochloromethane
 Concen: 55.236 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012918.D
 Acq: 10 Mar 2023 16:58

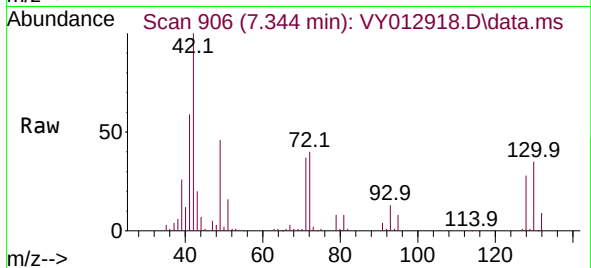
Tgt Ion: 49 Resp: 39672
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 74.2 60.5 90.7



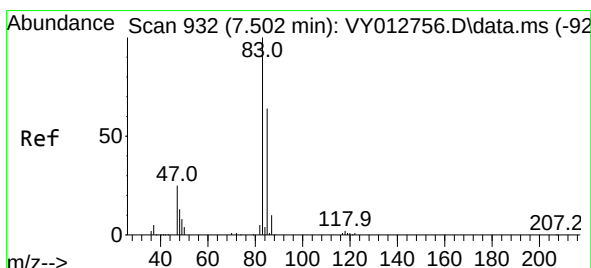
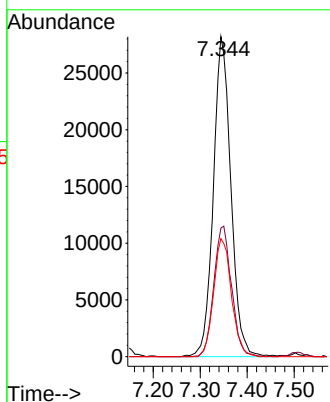
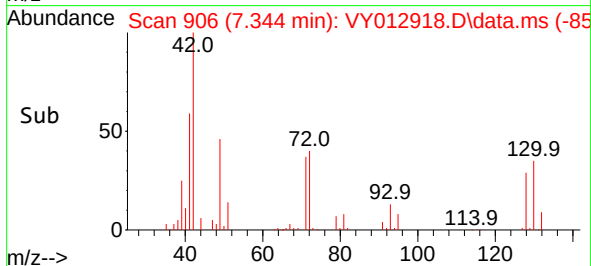


#29
Tetrahydrofuran
Concen: 252.145 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

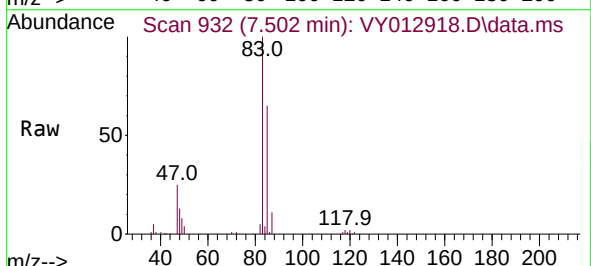
Instrument :
MSVOA_Y
ClientSampleId :



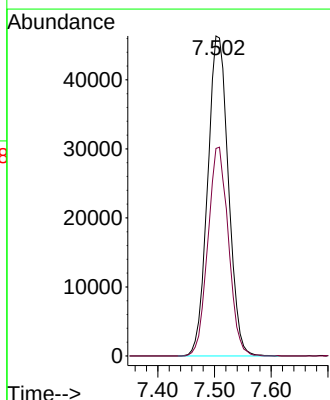
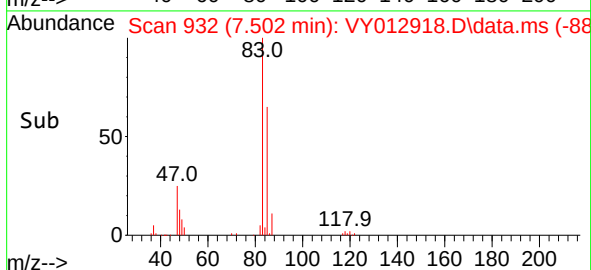
Tgt Ion: 42 Resp: 73278
Ion Ratio Lower Upper
42 100
72 41.0 32.3 48.5
71 37.4 30.3 45.5

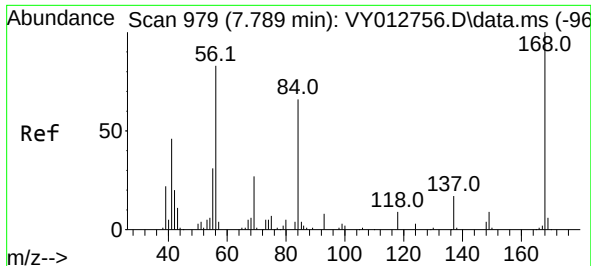


#30
Chloroform
Concen: 60.576 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58



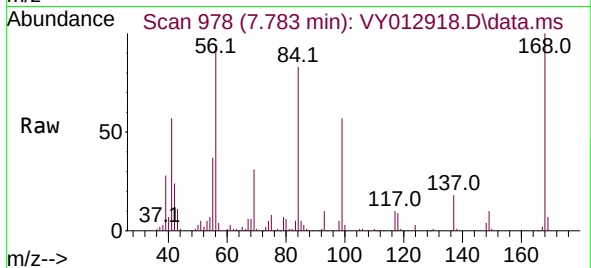
Tgt Ion: 83 Resp: 117596
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0



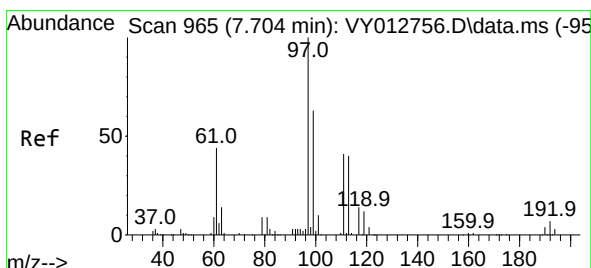
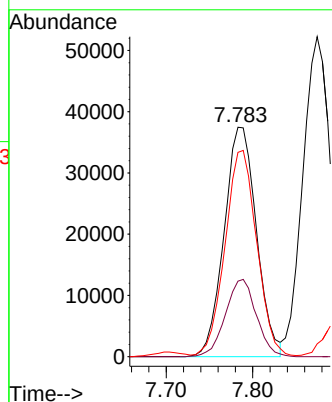
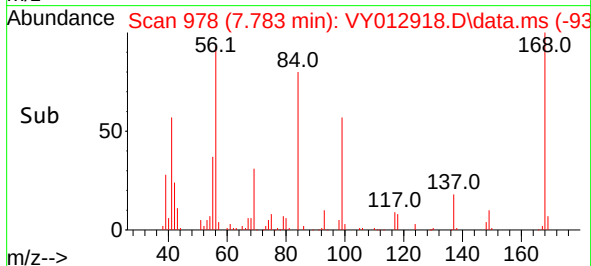


#31
Cyclohexane
Concen: 51.203 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :

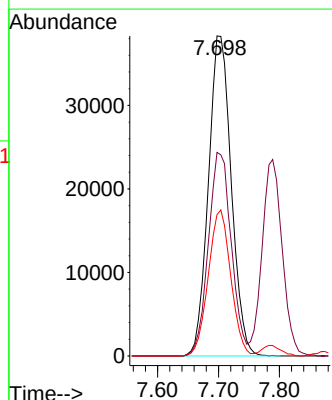
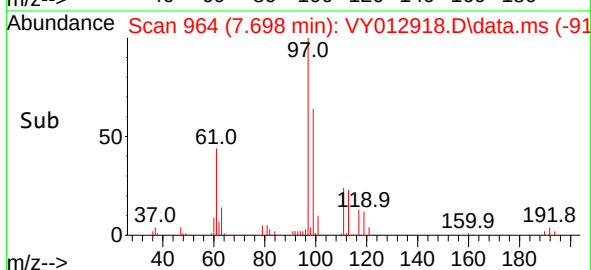
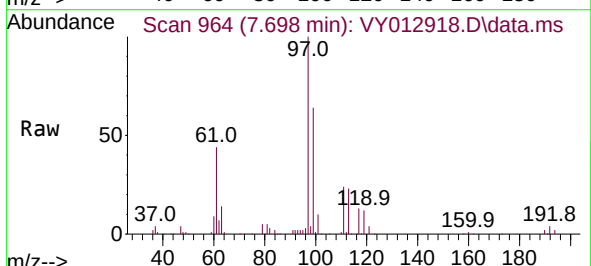


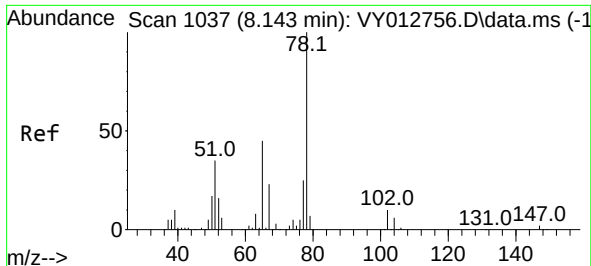
Tgt Ion: 56 Resp: 97197
Ion Ratio Lower Upper
56 100
69 32.9 25.7 38.5
84 87.6 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 56.926 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 97 Resp: 99937
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 44.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.924 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

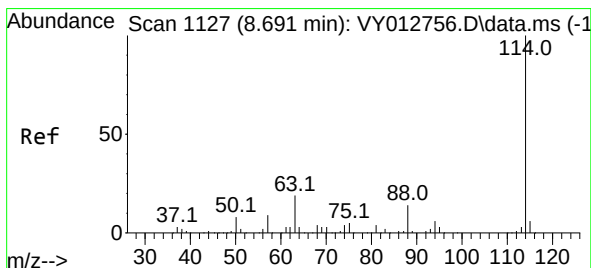
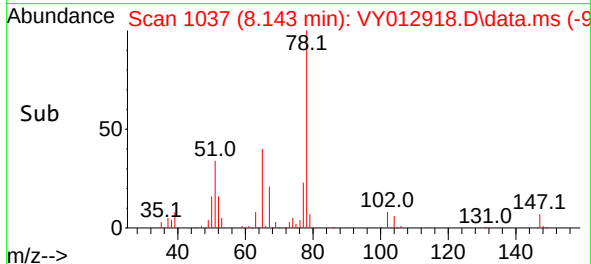
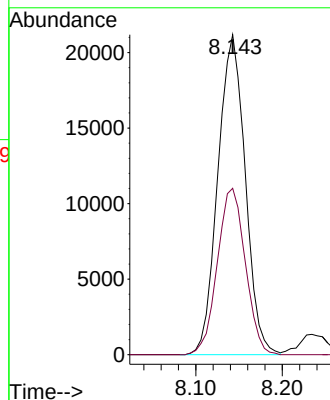
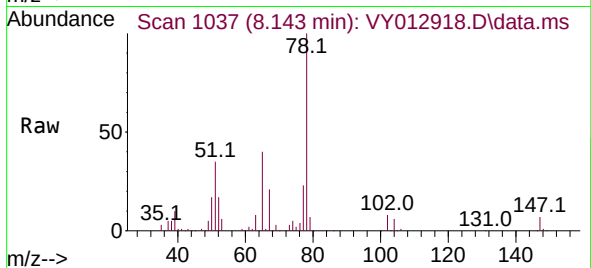
ClientSampleId :

Tgt Ion: 65 Resp: 46509

Ion Ratio Lower Upper

65 100

67 53.2 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: VY012918.D

Acq: 10 Mar 2023 16:58

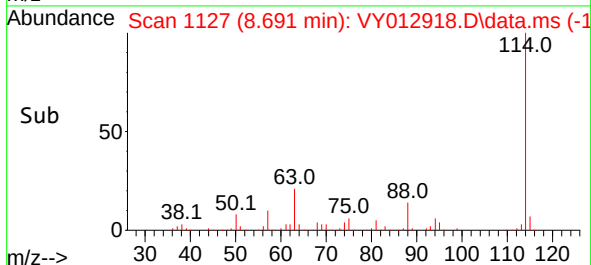
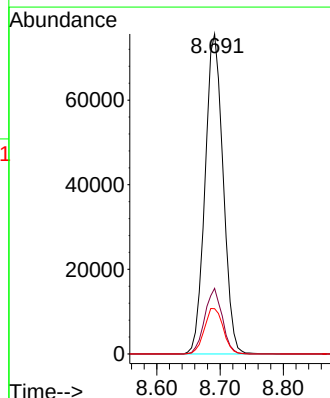
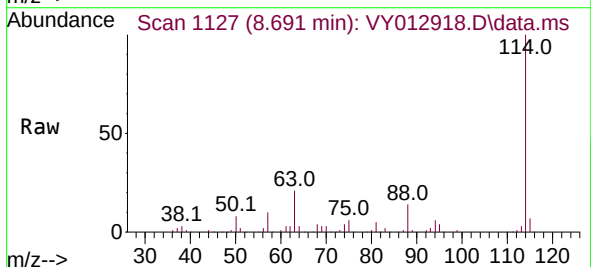
Tgt Ion: 114 Resp: 149925

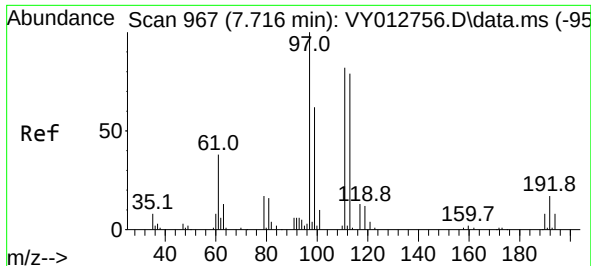
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.2 0.0 28.6

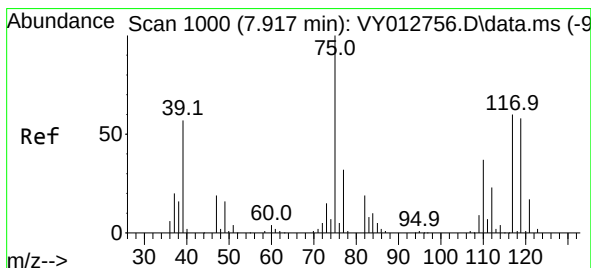
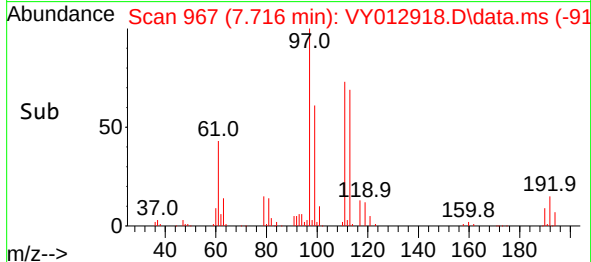
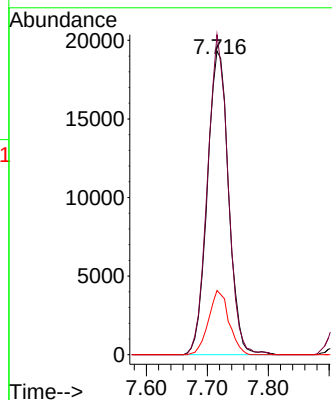
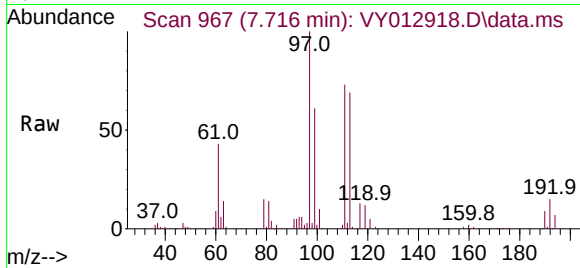




#35
Dibromofluoromethane
Concen: 51.858 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

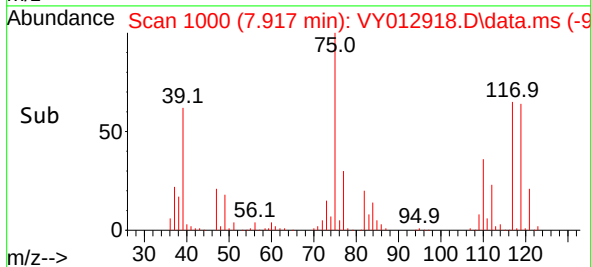
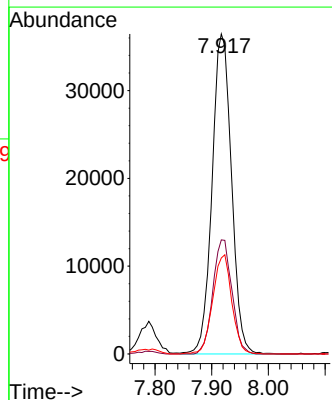
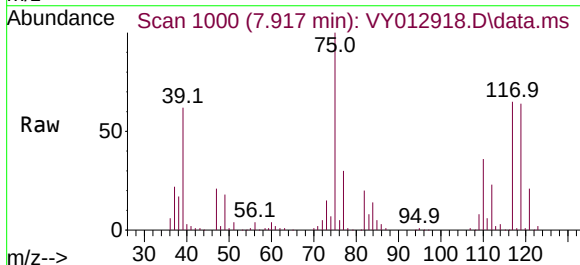
Instrument :
MSVOA_Y
ClientSampleId :

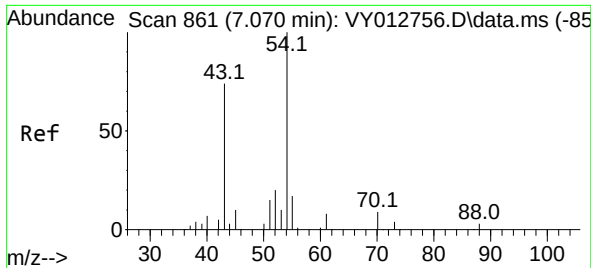
Tgt Ion:113 Resp: 46921
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 57.180 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 75 Resp: 86698
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.3
77 30.5 25.0 37.4

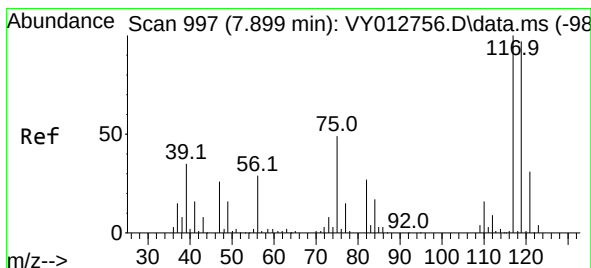
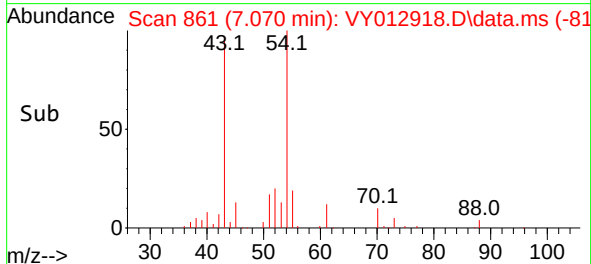
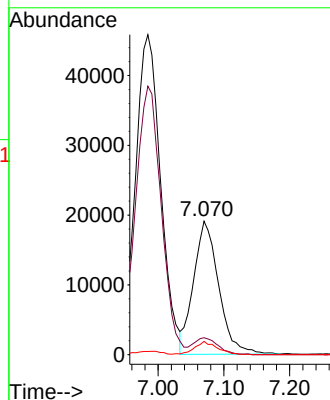
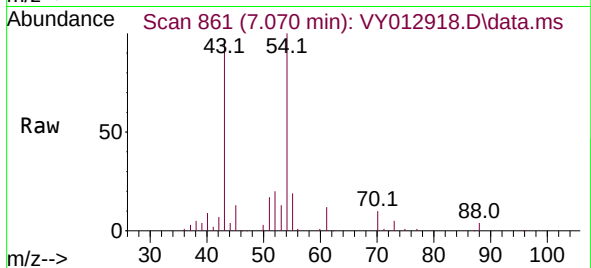




#37
Ethyl Acetate
Concen: 53.067 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

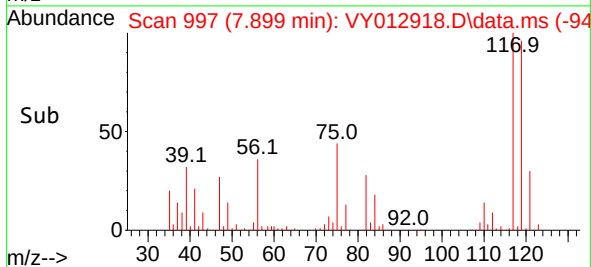
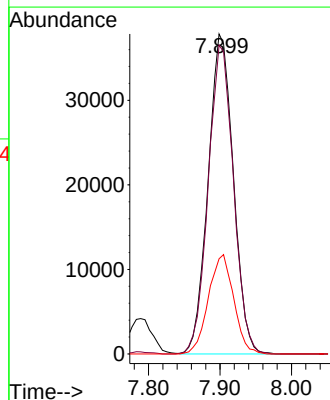
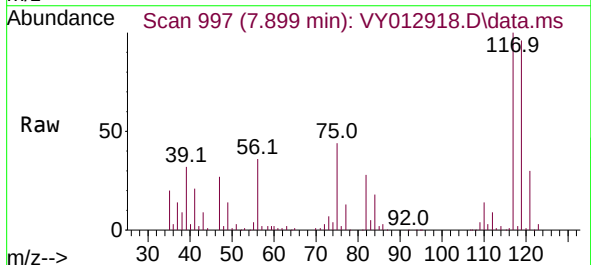
Instrument :
MSVOA_Y
ClientSampleId :

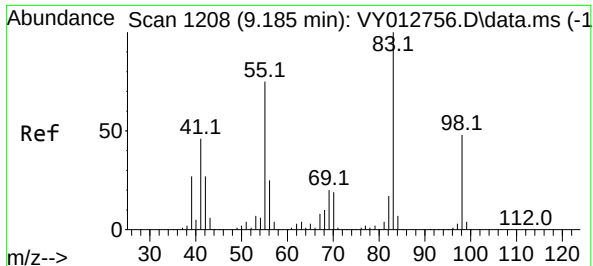
Tgt Ion: 43 Resp: 50714
Ion Ratio Lower Upper
43 100
61 12.1 10.7 16.1
70 9.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 59.321 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 117 Resp: 92882
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 29.7 24.7 37.1





#39

Methylcyclohexane

Concen: 56.734 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

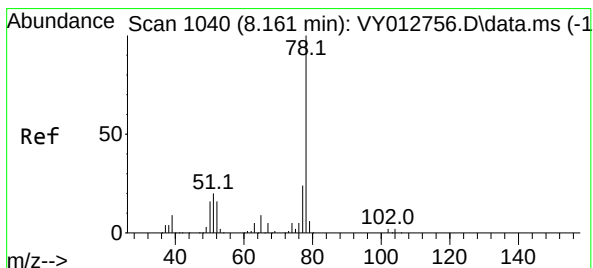
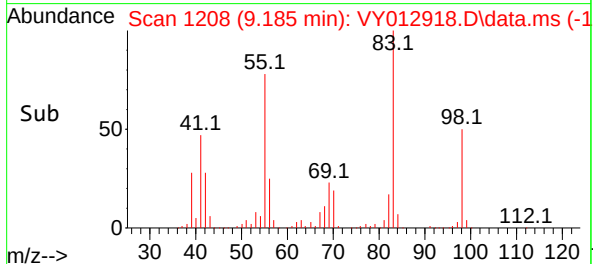
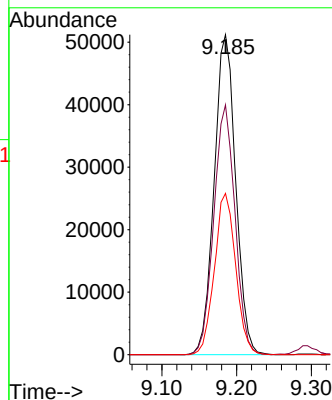
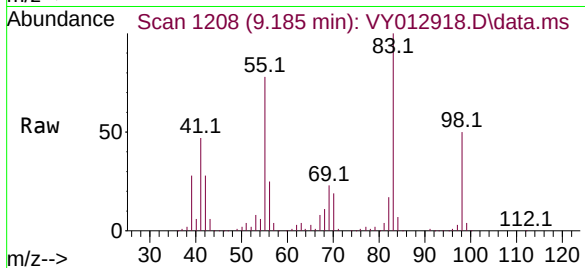
Tgt Ion: 83 Resp: 102270

Ion Ratio Lower Upper

83 100

55 78.0 60.0 90.0

98 50.4 38.3 57.5



#40

Benzene

Concen: 57.506 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012918.D

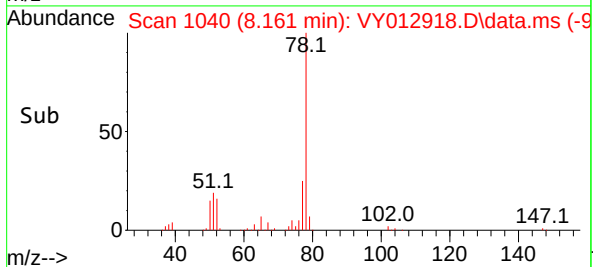
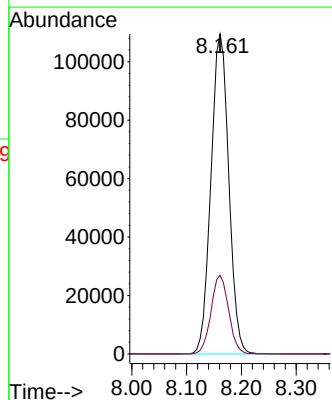
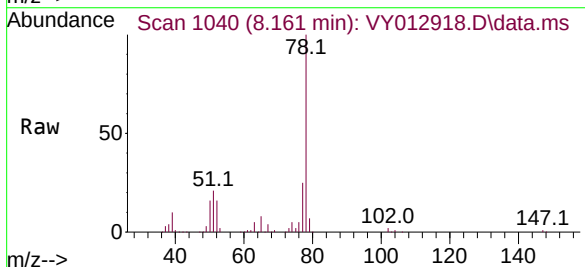
Acq: 10 Mar 2023 16:58

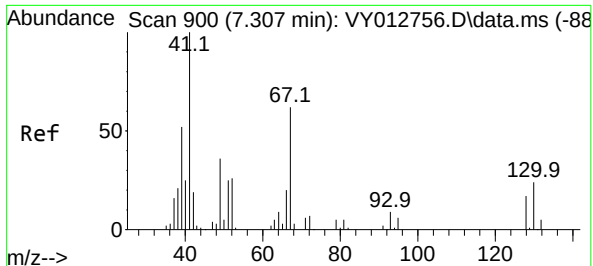
Tgt Ion: 78 Resp: 246644

Ion Ratio Lower Upper

78 100

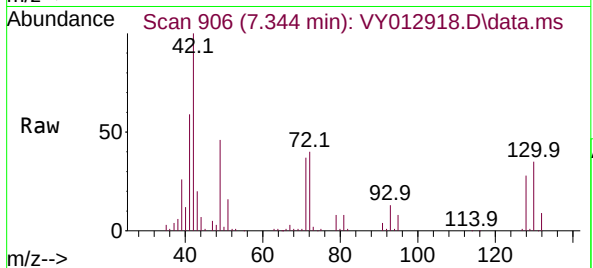
77 24.6 19.4 29.0



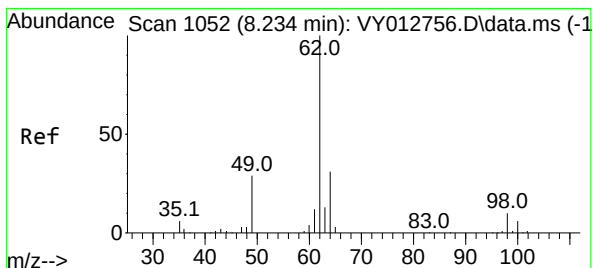
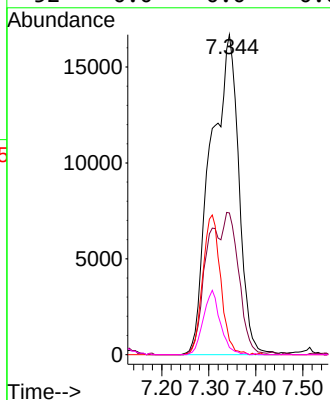
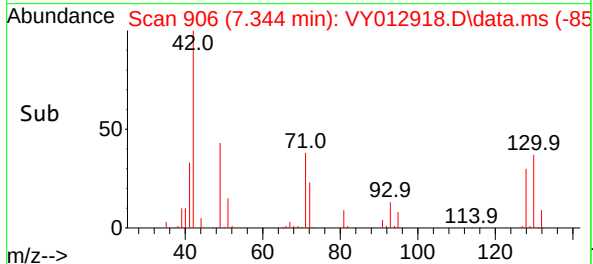


#41
Methacrylonitrile
Concen: 134.123 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :

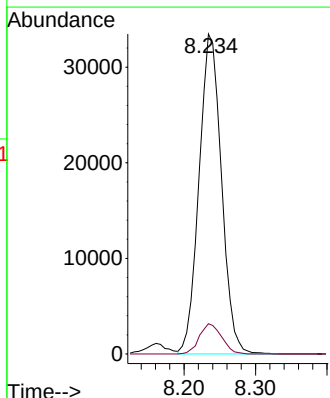
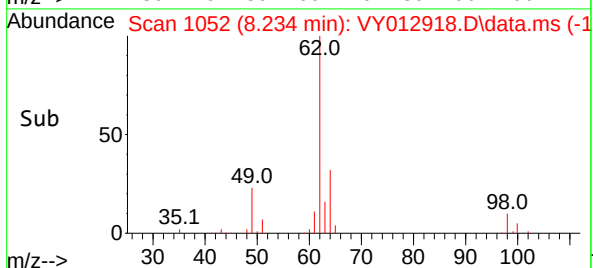
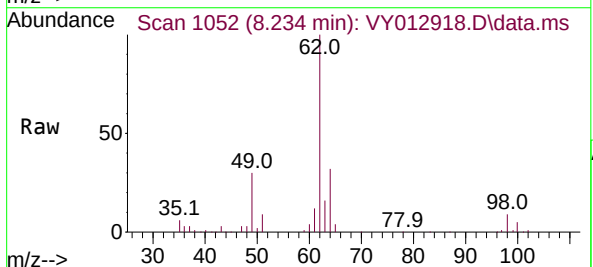


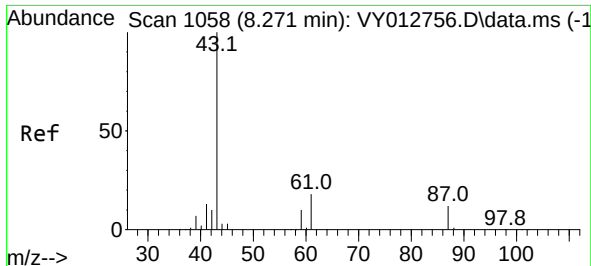
Tgt Ion:	41	Resp:	69058
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 56.629 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion:	62	Resp:	73022
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8





#43

Isopropyl Acetate

Concen: 51.470 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

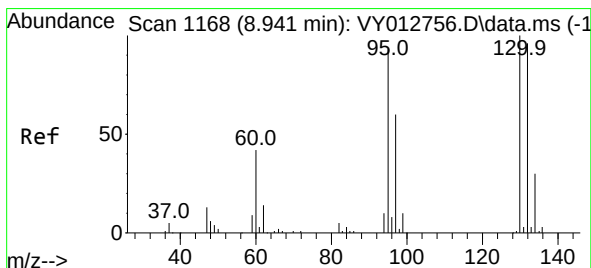
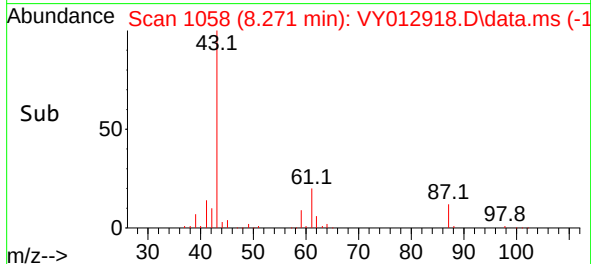
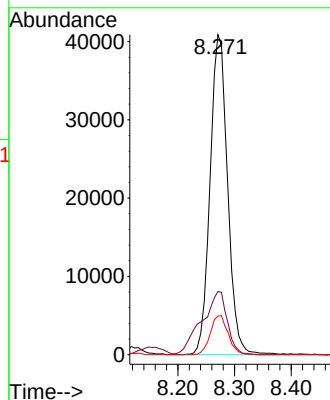
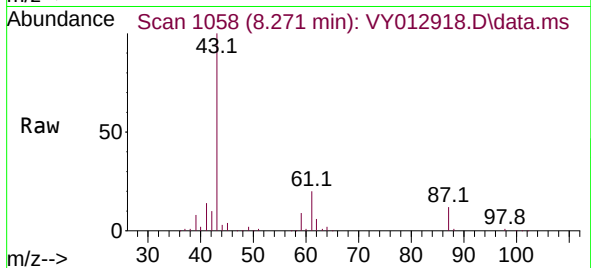
Tgt Ion: 43 Resp: 87758

Ion Ratio Lower Upper

43 100

61 28.7 21.6 32.4

87 12.4 9.9 14.9



#44

Trichloroethene

Concen: 57.482 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012918.D

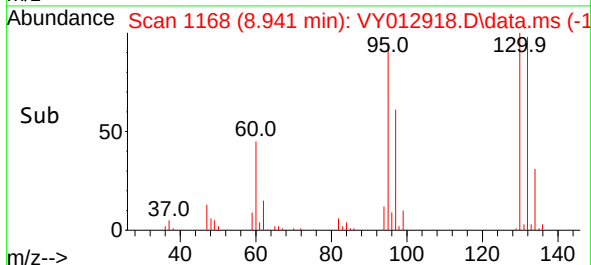
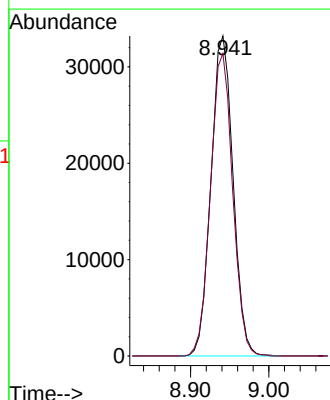
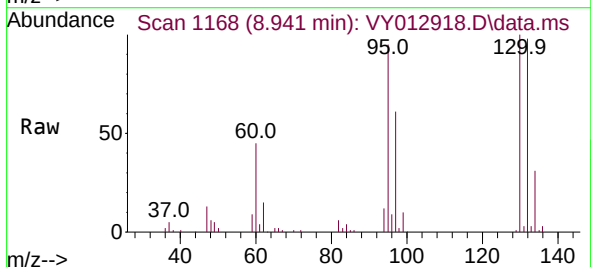
Acq: 10 Mar 2023 16:58

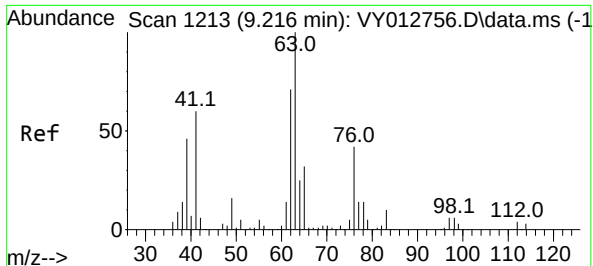
Tgt Ion: 130 Resp: 65001

Ion Ratio Lower Upper

130 100

95 94.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 57.326 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

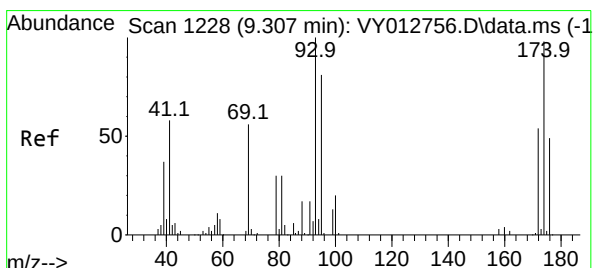
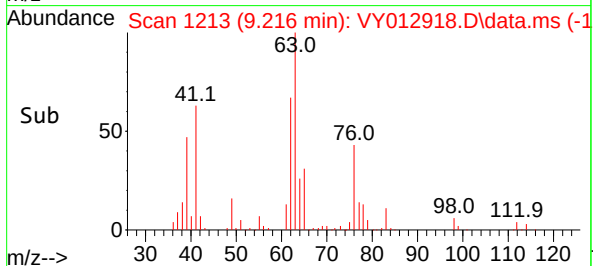
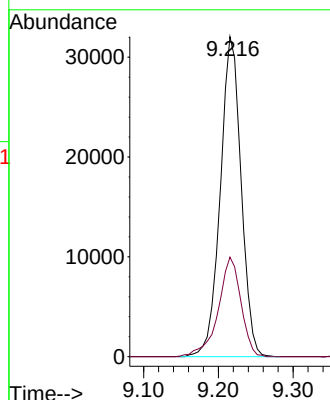
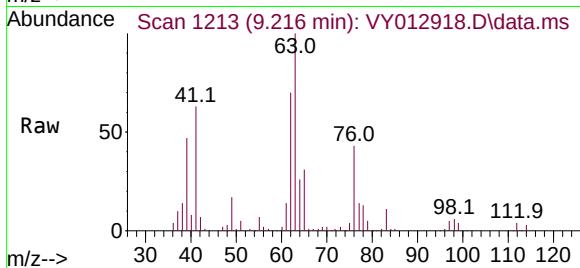
ClientSampleId :

Tgt Ion: 63 Resp: 62138

Ion Ratio Lower Upper

63 100

65 31.1 25.7 38.5



#46

Dibromomethane

Concen: 55.775 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

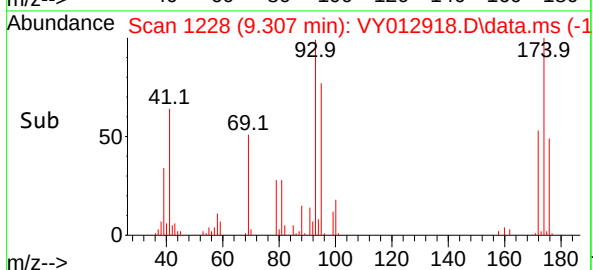
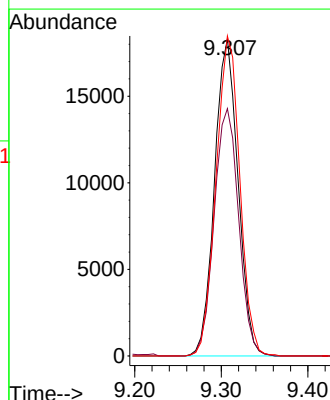
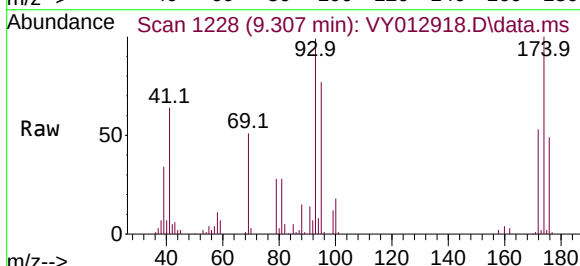
Tgt Ion: 93 Resp: 34443

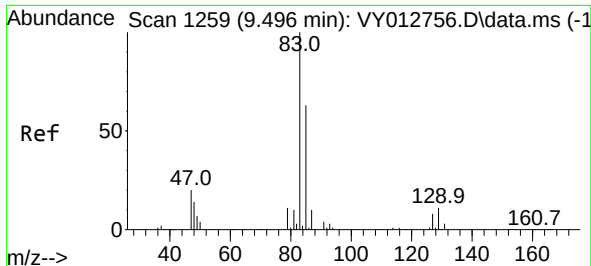
Ion Ratio Lower Upper

93 100

95 81.5 65.6 98.4

174 102.4 81.3 121.9

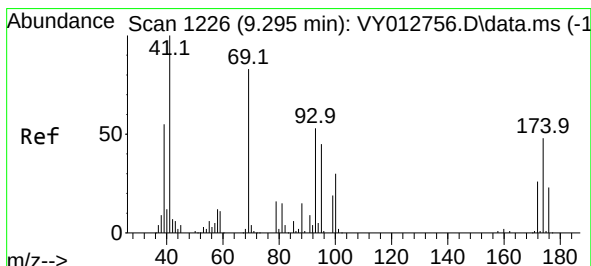
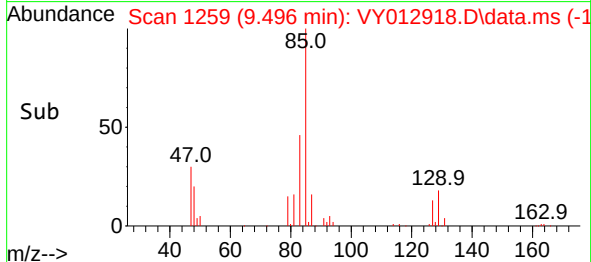
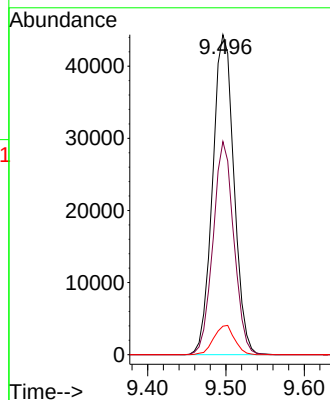
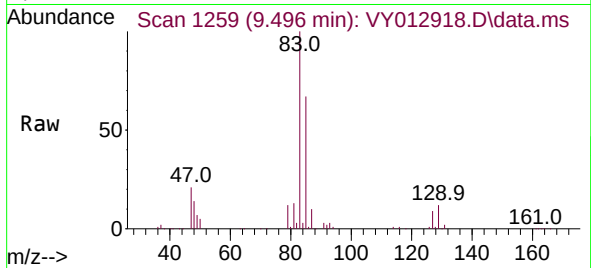




#47
Bromodichloromethane
Concen: 57.724 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

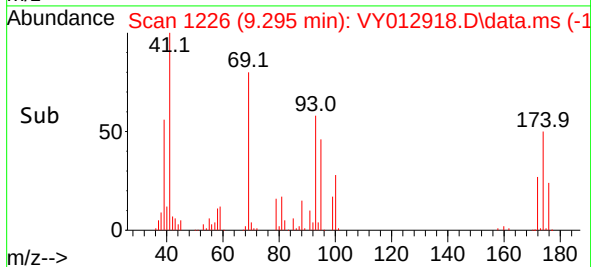
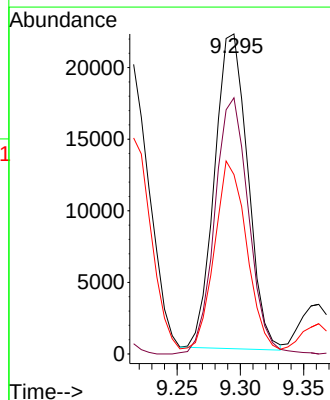
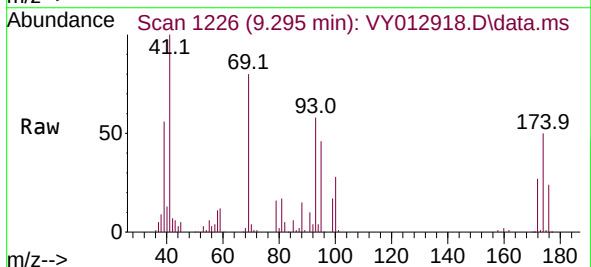
Instrument :
MSVOA_Y
ClientSampleId :

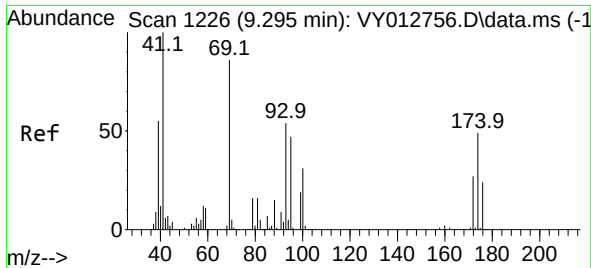
Tgt Ion: 83 Resp: 84002
Ion Ratio Lower Upper
83 100
85 66.6 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 51.097 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 41 Resp: 40143
Ion Ratio Lower Upper
41 100
69 82.8 64.1 96.1
39 57.8 44.0 66.0





#49

1,4-Dioxane

Concen: 1041.701 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

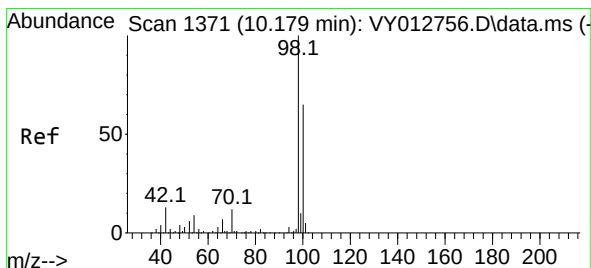
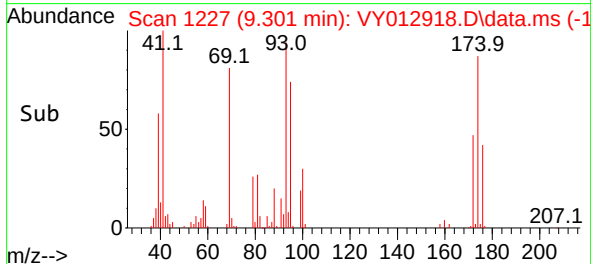
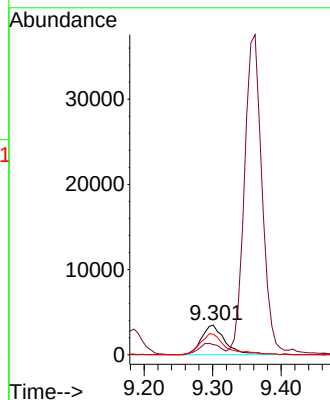
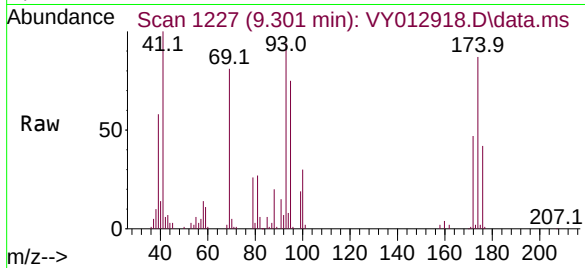
Tgt Ion: 88 Resp: 8316

Ion Ratio Lower Upper

88 100

43 35.2 28.6 42.8

58 76.3 55.2 82.8



#50

Toluene-d8

Concen: 49.118 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012918.D

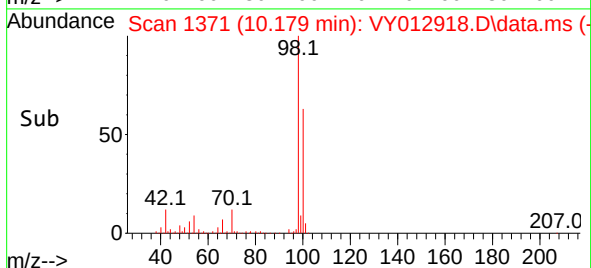
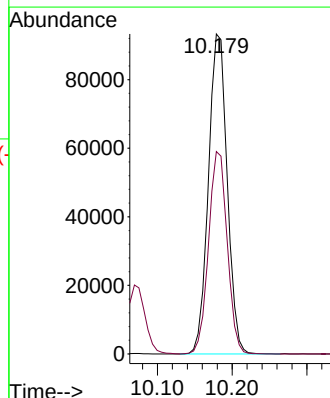
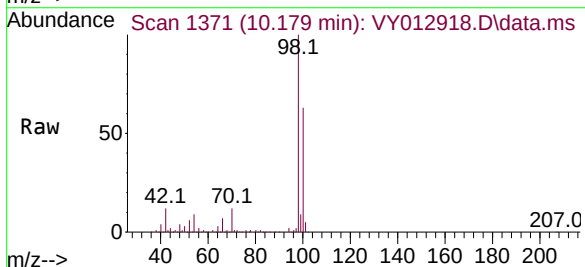
Acq: 10 Mar 2023 16:58

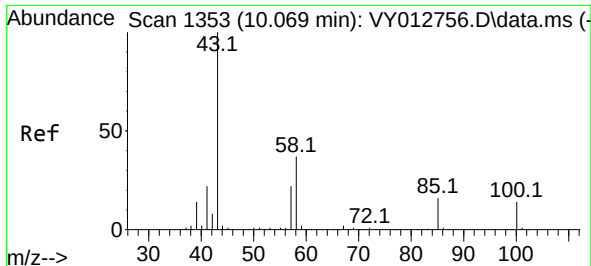
Tgt Ion: 98 Resp: 162470

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 254.949 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

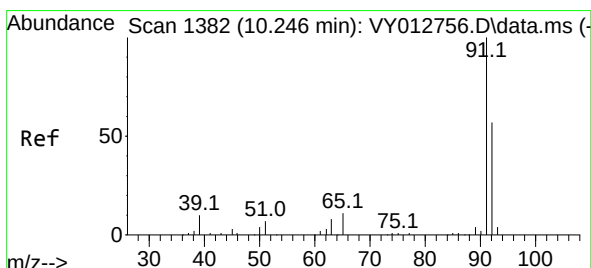
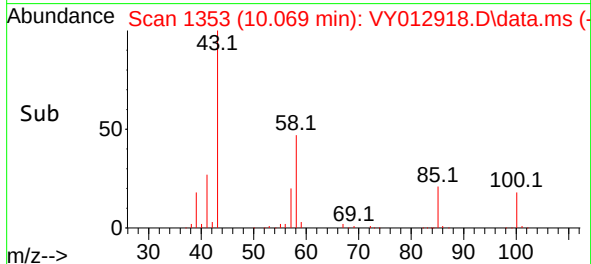
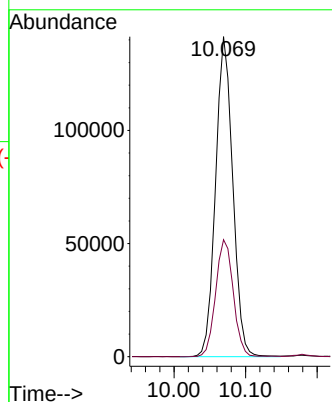
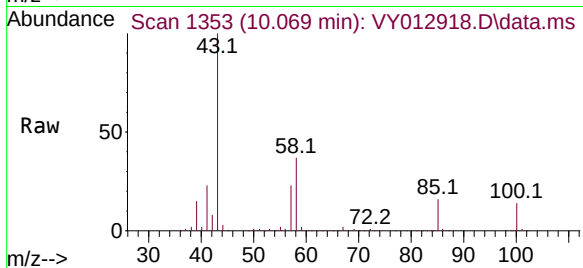
ClientSampleId :

Tgt Ion: 43 Resp: 235793

Ion Ratio Lower Upper

43 100

58 37.5 29.8 44.6



#52

Toluene

Concen: 59.397 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY012918.D

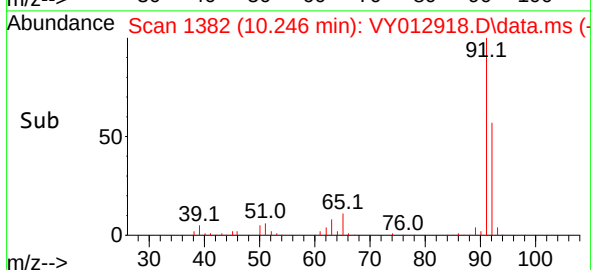
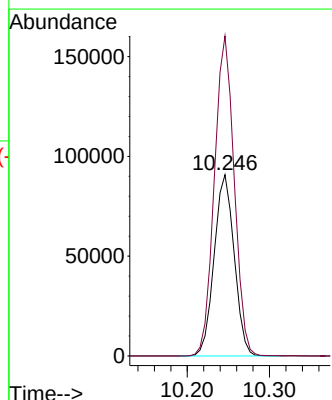
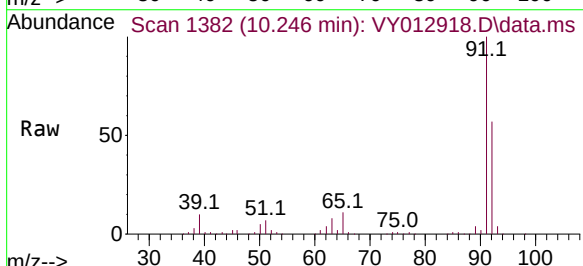
Acq: 10 Mar 2023 16:58

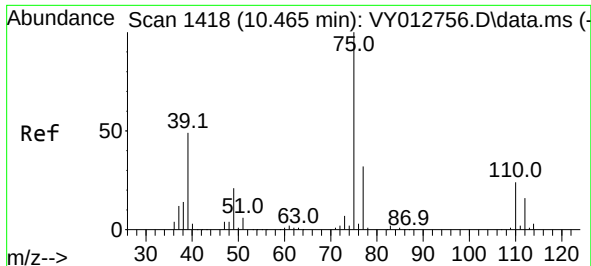
Tgt Ion: 92 Resp: 153639

Ion Ratio Lower Upper

92 100

91 175.1 141.3 211.9

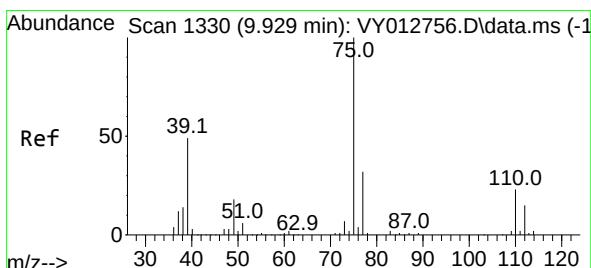
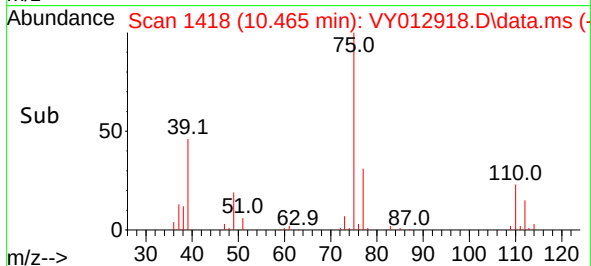
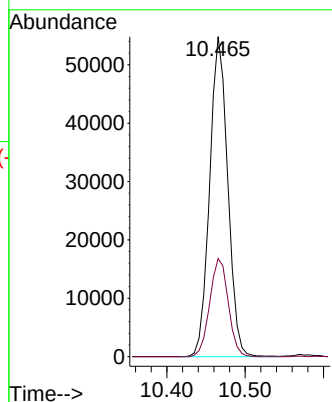
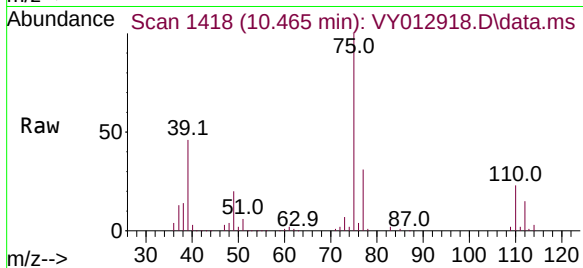




#53
t-1,3-Dichloropropene
Concen: 57.580 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

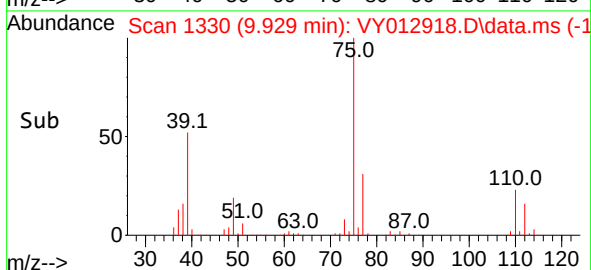
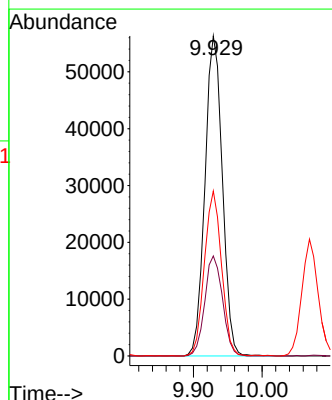
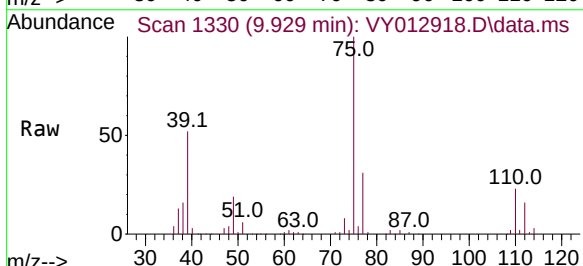
Instrument :
MSVOA_Y
ClientSampleId :

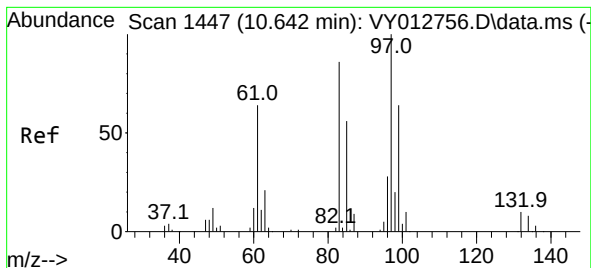
Tgt Ion: 75 Resp: 87890
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 57.572 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 75 Resp: 99465
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 51.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 55.531 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 47757

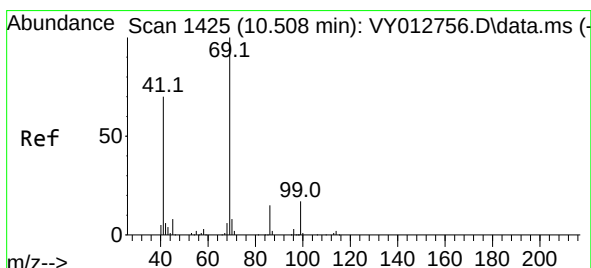
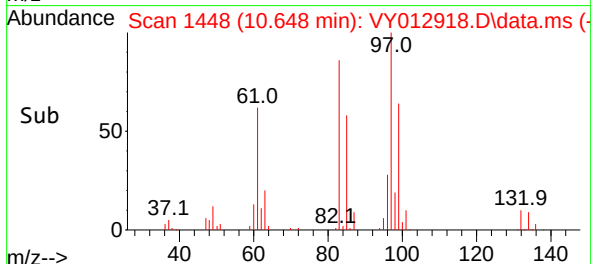
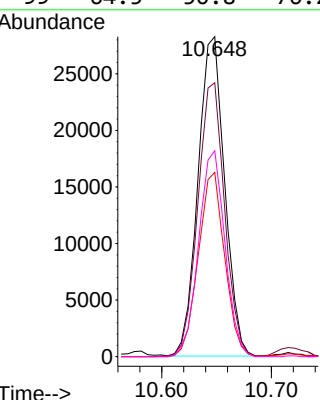
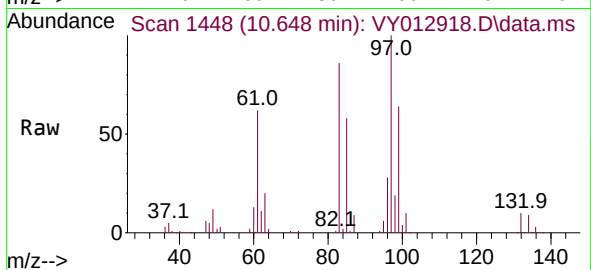
Ion Ratio Lower Upper

97 100

83 85.5 69.0 103.6

85 57.7 44.9 67.3

99 64.5 50.8 76.2



#56

Ethyl methacrylate

Concen: 55.257 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

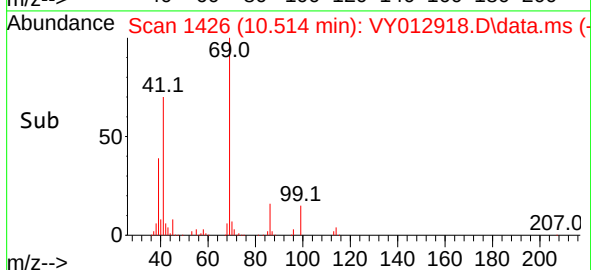
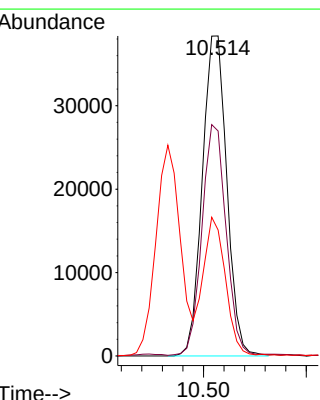
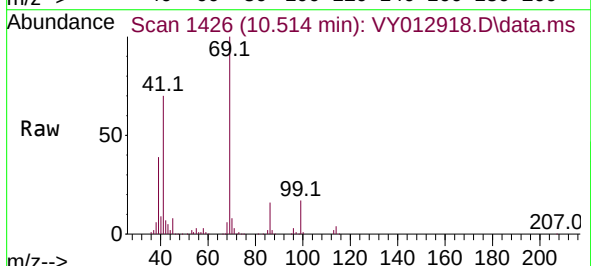
Tgt Ion: 69 Resp: 63364

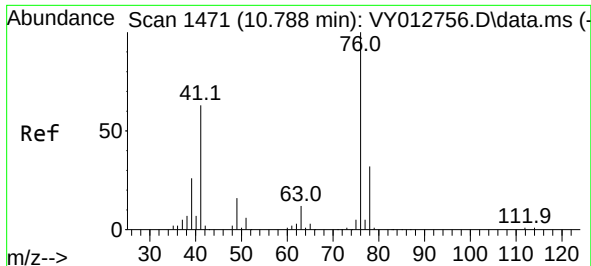
Ion Ratio Lower Upper

69 100

41 70.9 56.4 84.6

39 39.6 30.8 46.2





#57

1,3-Dichloropropane

Concen: 56.101 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

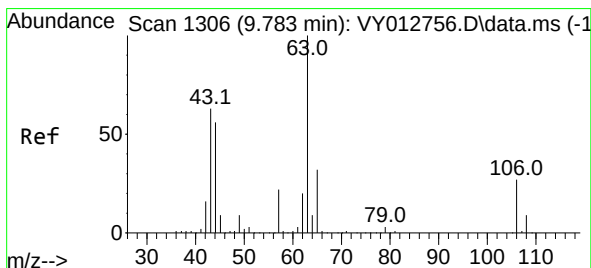
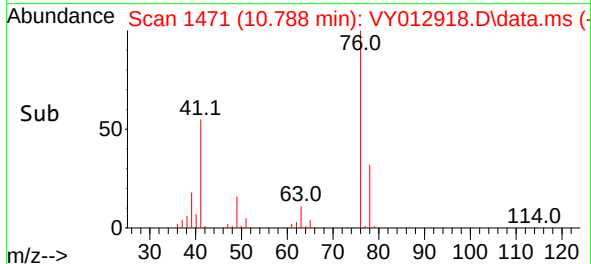
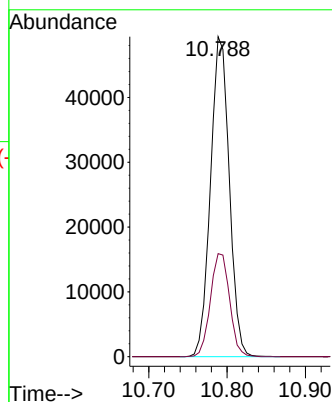
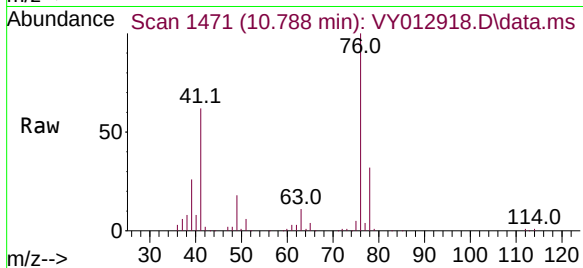
ClientSampleId :

Tgt Ion: 76 Resp: 82176

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.355 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012918.D

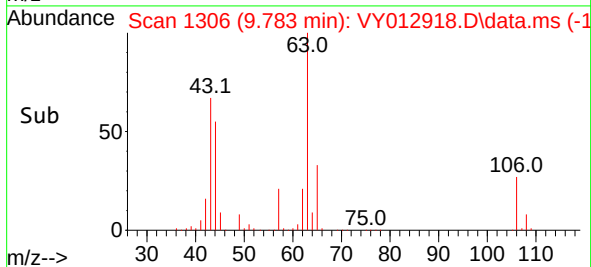
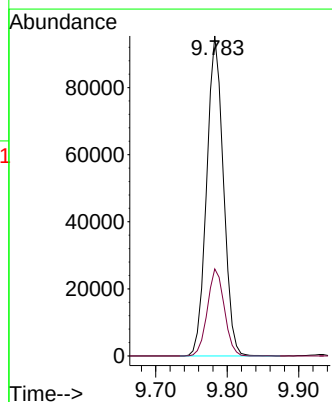
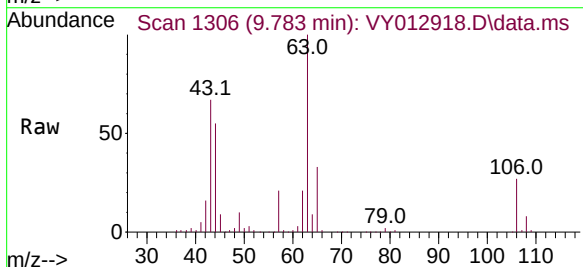
Acq: 10 Mar 2023 16:58

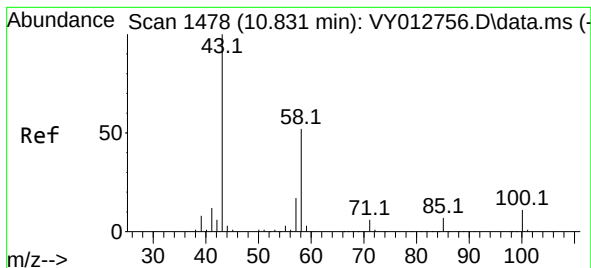
Tgt Ion: 63 Resp: 154922

Ion Ratio Lower Upper

63 100

106 27.5 22.1 33.1





#59

2-Hexanone

Concen: 256.991 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

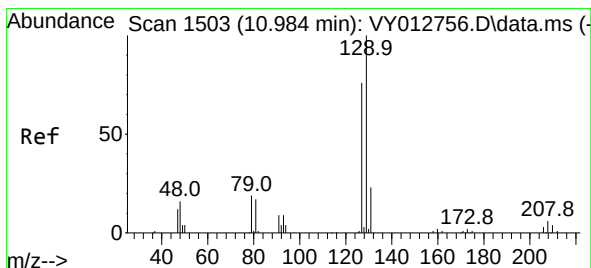
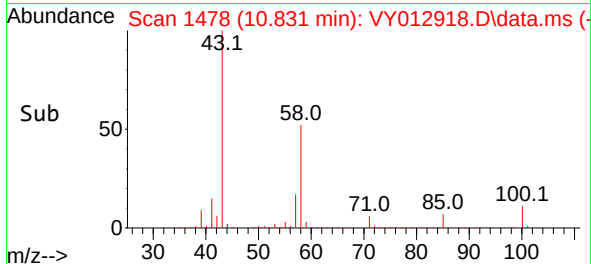
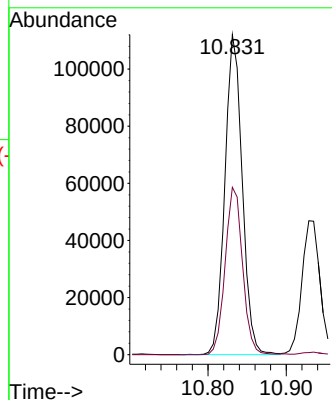
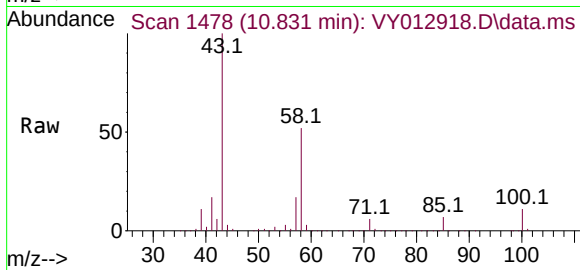
ClientSampleId :

Tgt Ion: 43 Resp: 172743

Ion Ratio Lower Upper

43 100

58 52.6 25.9 77.8



#60

Dibromochloromethane

Concen: 57.945 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012918.D

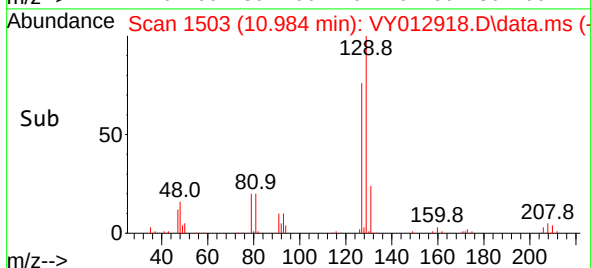
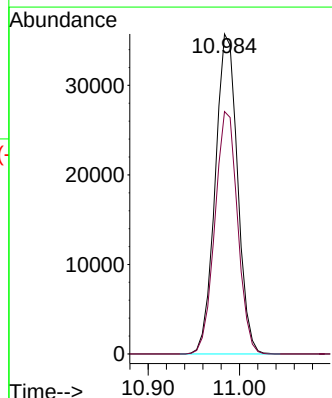
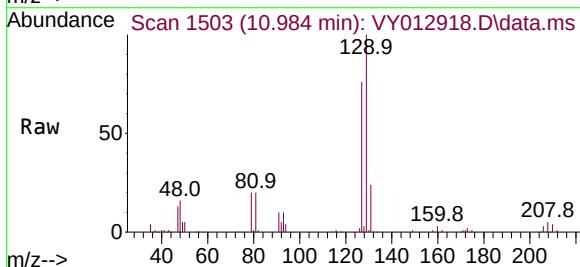
Acq: 10 Mar 2023 16:58

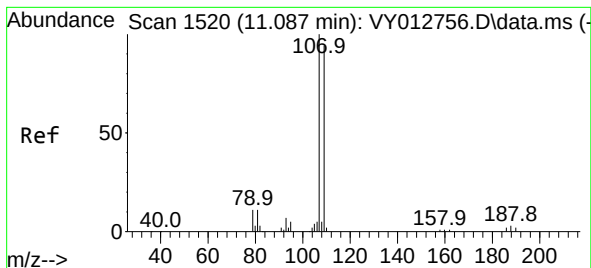
Tgt Ion: 129 Resp: 60660

Ion Ratio Lower Upper

129 100

127 76.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 54.970 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

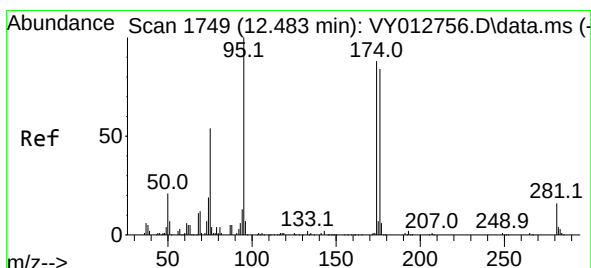
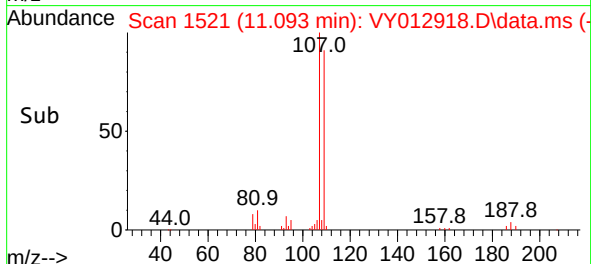
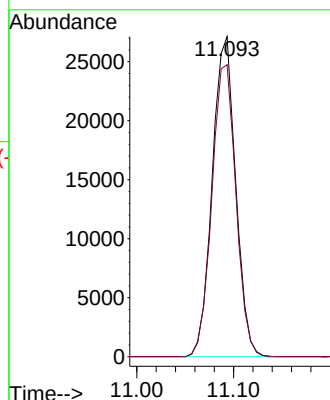
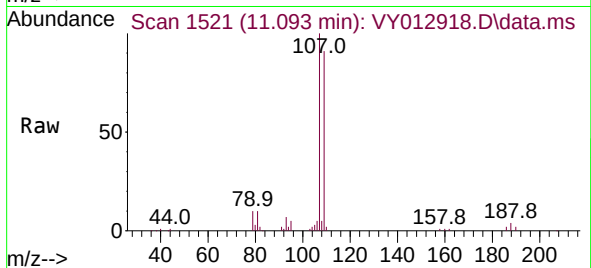
ClientSampleId :

Tgt Ion:107 Resp: 45539

Ion Ratio Lower Upper

107 100

109 93.8 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 50.707 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

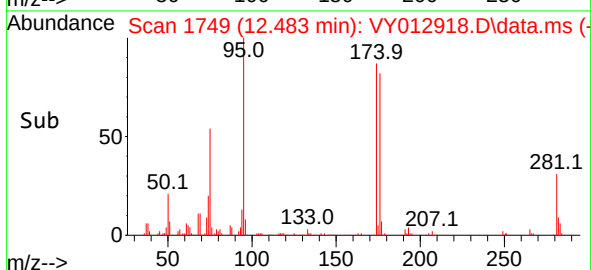
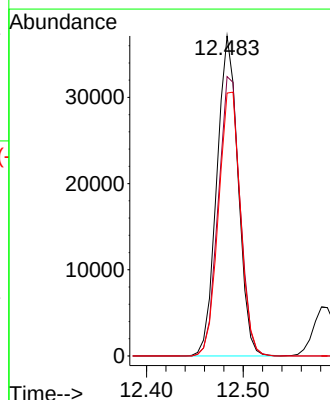
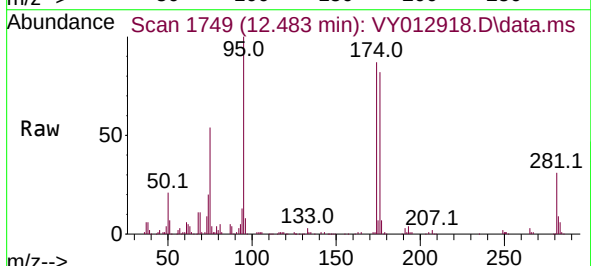
Tgt Ion: 95 Resp: 56612

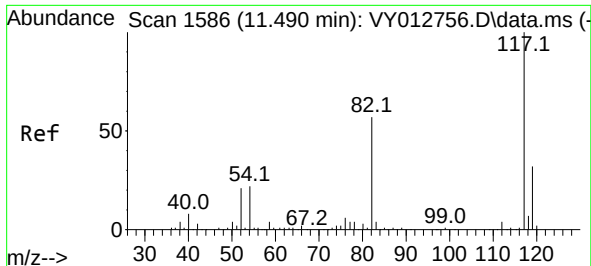
Ion Ratio Lower Upper

95 100

174 89.4 0.0 176.6

176 85.2 0.0 170.2

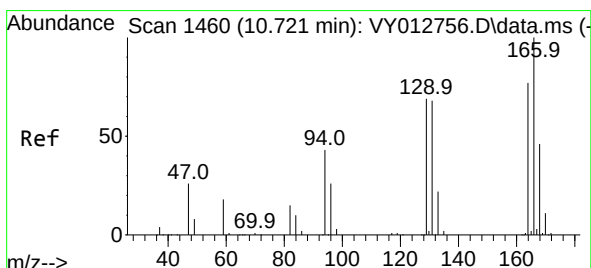
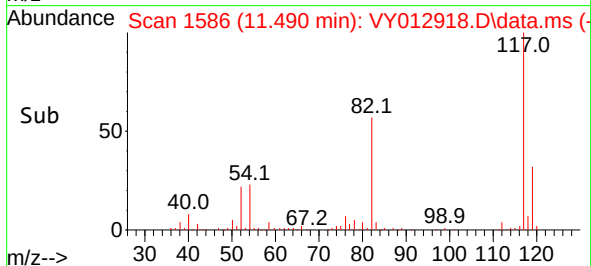
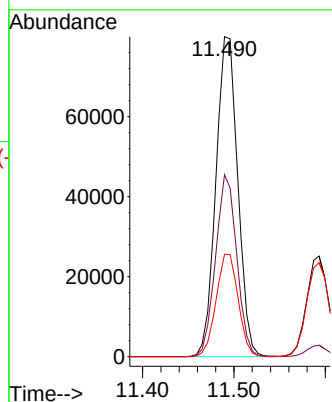
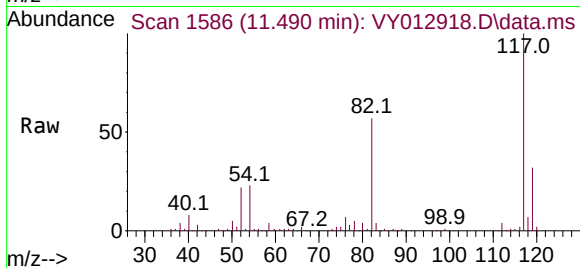




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

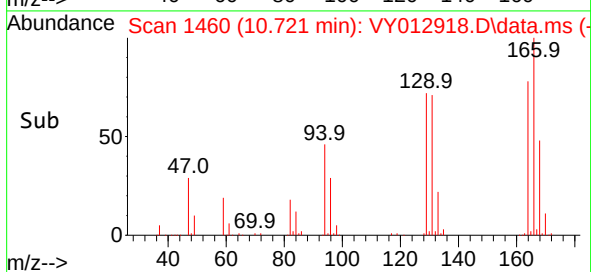
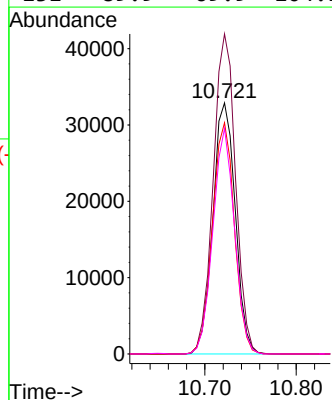
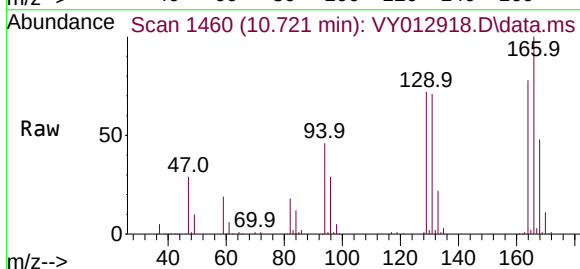
Instrument :
MSVOA_Y
ClientSampleId :

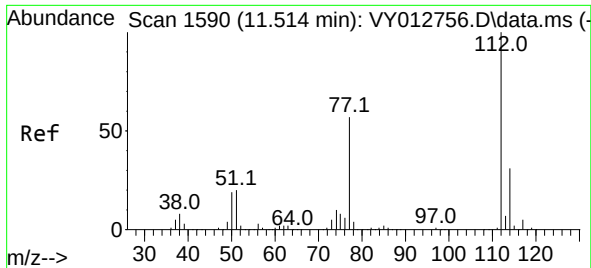
Tgt Ion:117 Resp: 133210
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 57.794 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion:164 Resp: 56052
Ion Ratio Lower Upper
164 100
166 127.5 103.4 155.2
129 92.1 71.4 107.2
131 89.9 69.9 104.9

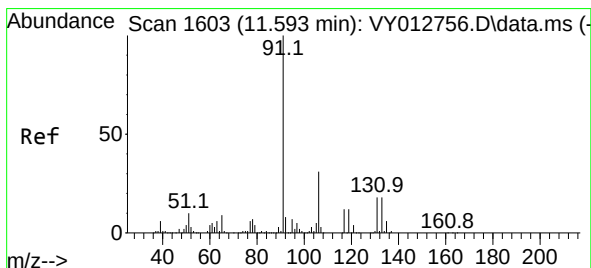
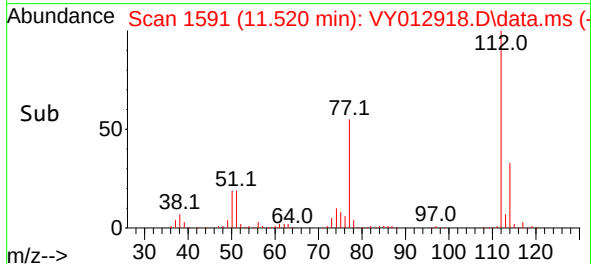
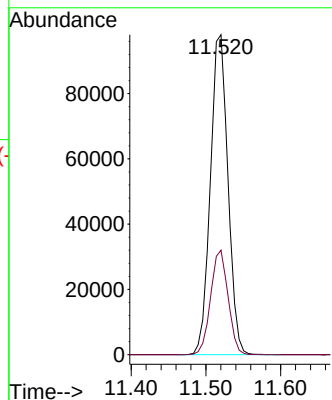
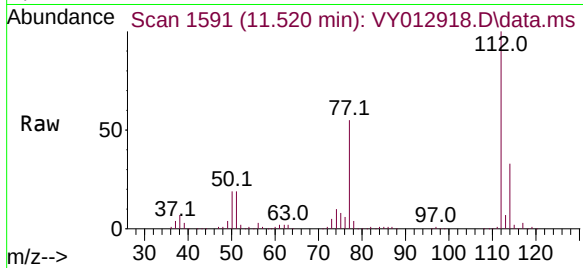




#65
Chlorobenzene
Concen: 57.279 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

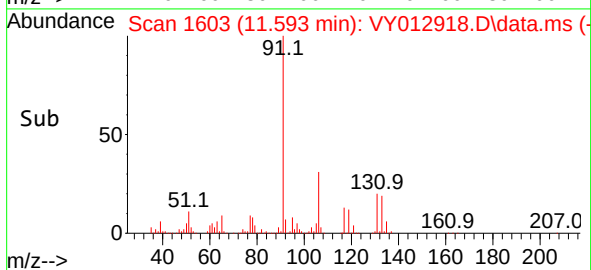
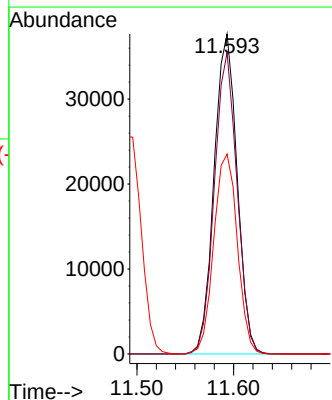
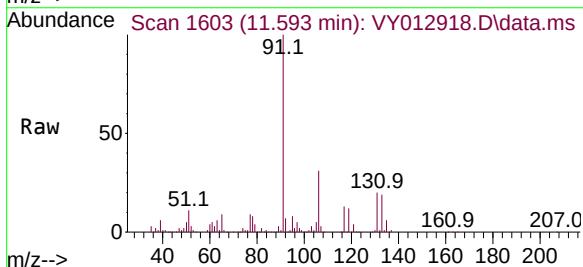
Instrument :
MSVOA_Y
ClientSampleId :

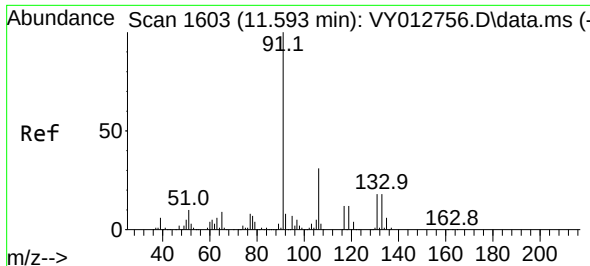
Tgt Ion:112 Resp: 160138
Ion Ratio Lower Upper
112 100
114 32.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 60.016 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion:131 Resp: 62088
Ion Ratio Lower Upper
131 100
133 92.8 48.0 144.0
119 64.1 32.6 98.0

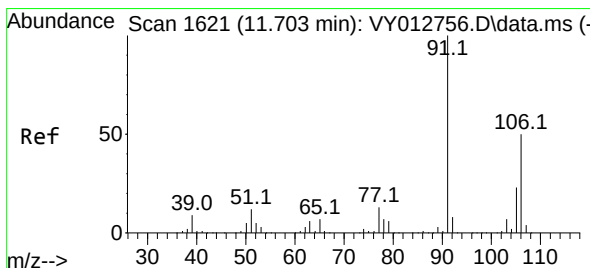
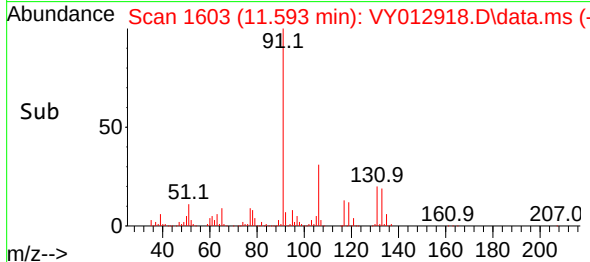
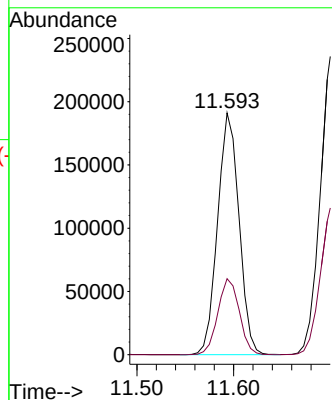
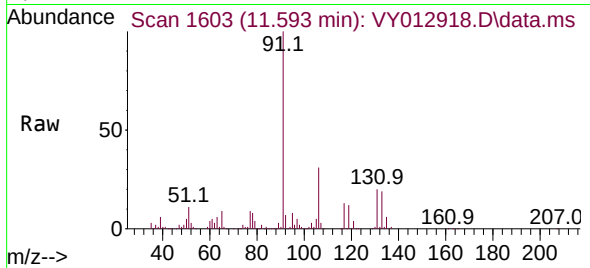




#67
Ethyl Benzene
Concen: 59.656 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

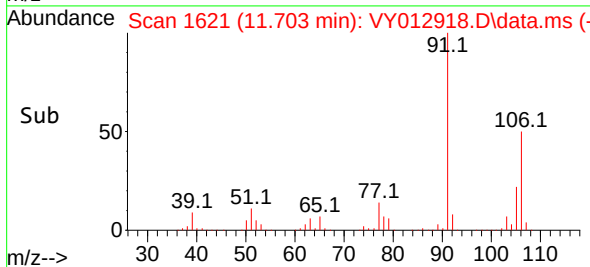
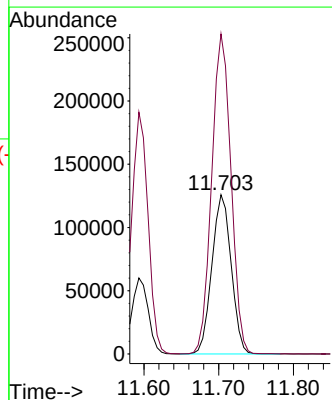
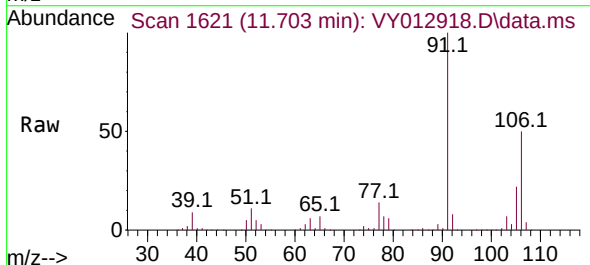
Instrument :
MSVOA_Y
ClientSampleId :

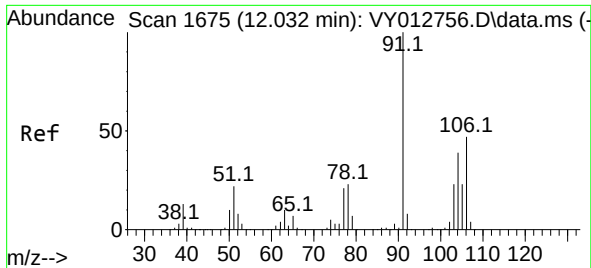
Tgt Ion: 91 Resp: 293231
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 119.599 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion:106 Resp: 226153
Ion Ratio Lower Upper
106 100
91 201.1 159.8 239.8

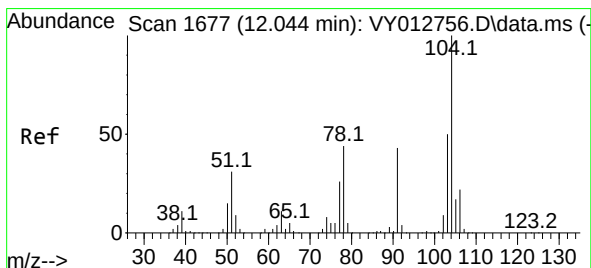
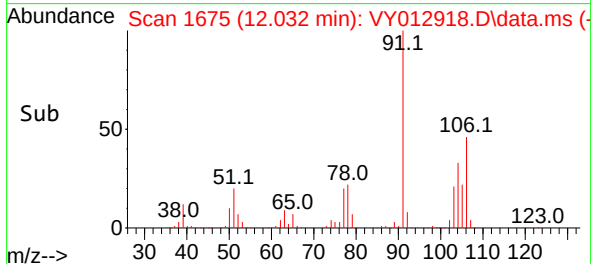
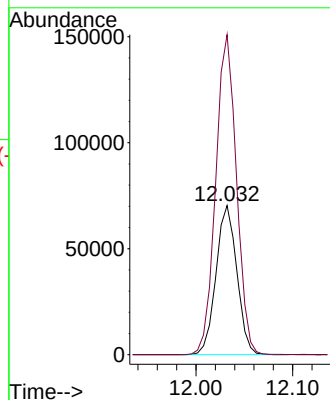
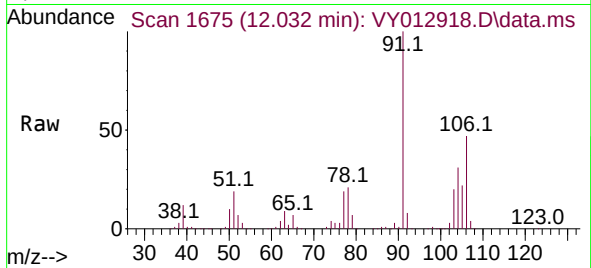




#69
o-Xylene
Concen: 59.630 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

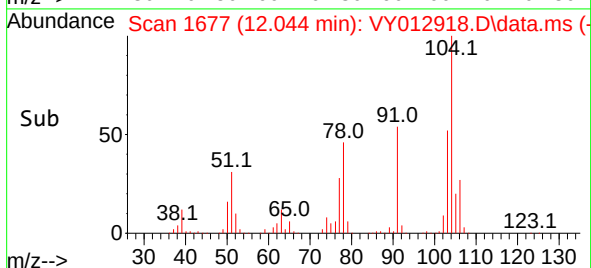
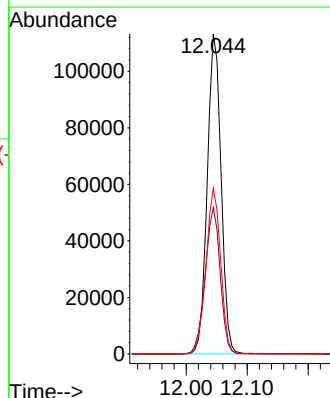
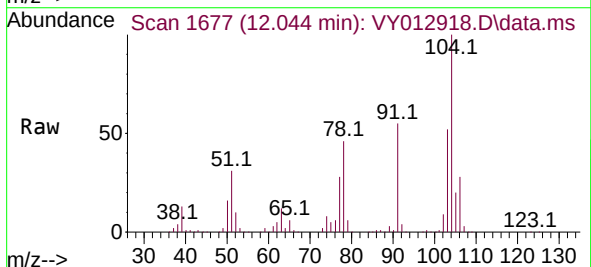
Instrument :
MSVOA_Y
ClientSampleId :

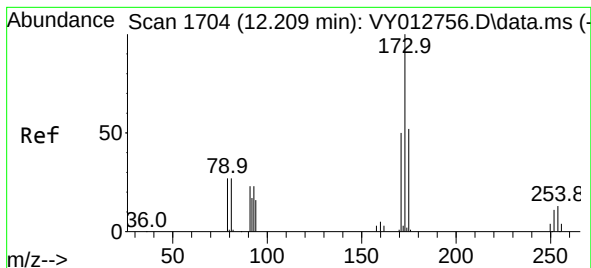
Tgt Ion:106 Resp: 105233
Ion Ratio Lower Upper
106 100
91 213.9 107.2 321.6



#70
Styrene
Concen: 60.750 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion:104 Resp: 178911
Ion Ratio Lower Upper
104 100
78 49.6 39.2 58.8
103 55.0 43.7 65.5





#71

Bromoform

Concen: 55.553 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

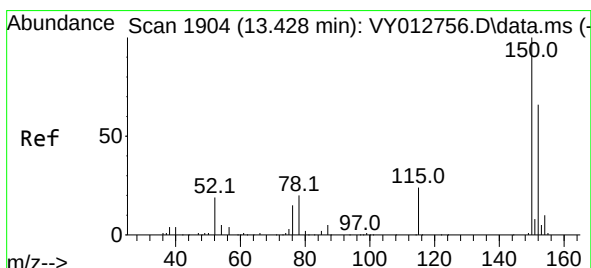
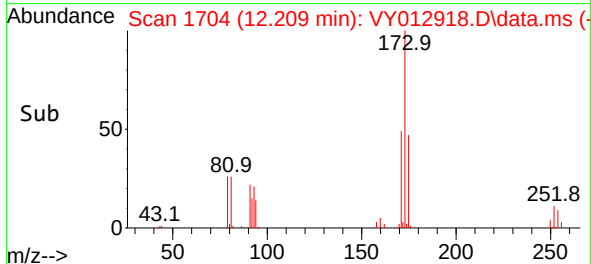
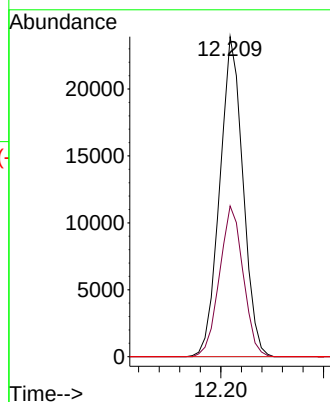
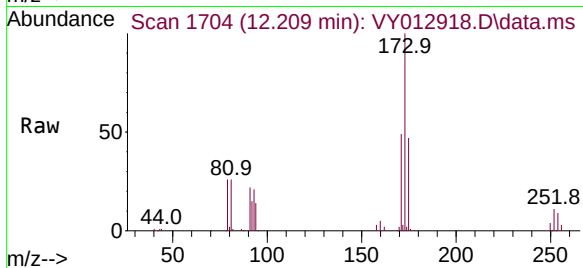
Tgt Ion:173 Resp: 37471

Ion Ratio Lower Upper

173 100

175 47.9 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

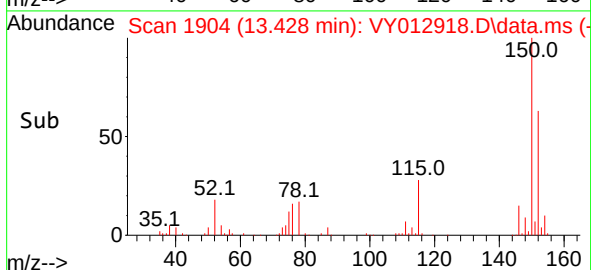
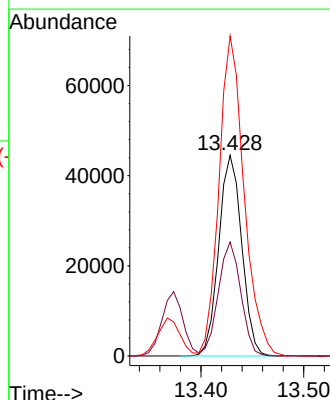
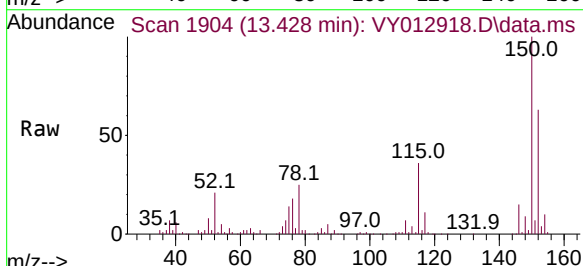
Tgt Ion:152 Resp: 69144

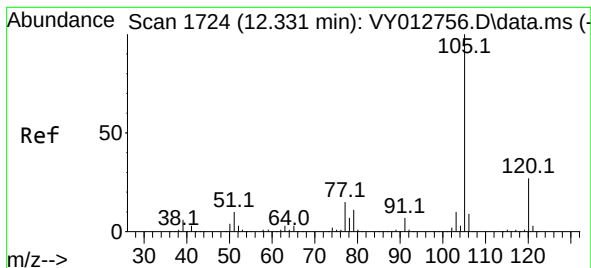
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 173.3 0.0 347.8





#73

Isopropylbenzene

Concen: 58.726 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

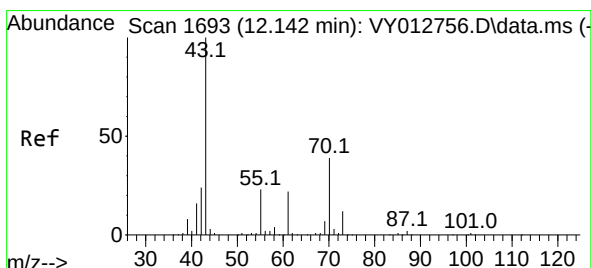
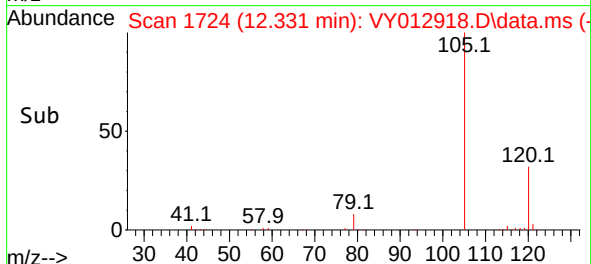
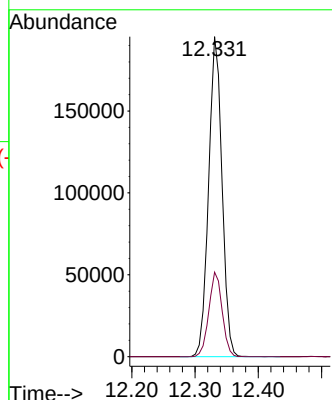
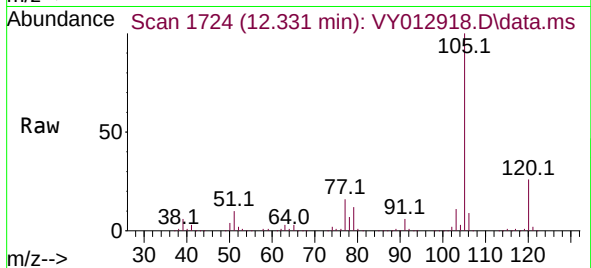
ClientSampleId :

Tgt Ion:105 Resp: 287773

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



#74

N-ethyl acetate

Concen: 50.081 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Tgt Ion: 43 Resp: 77216

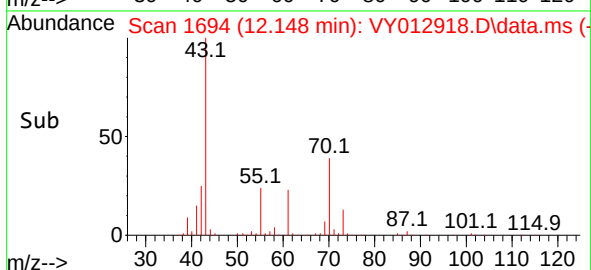
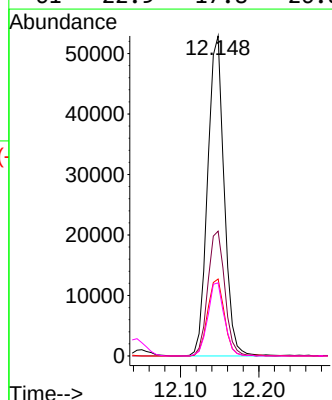
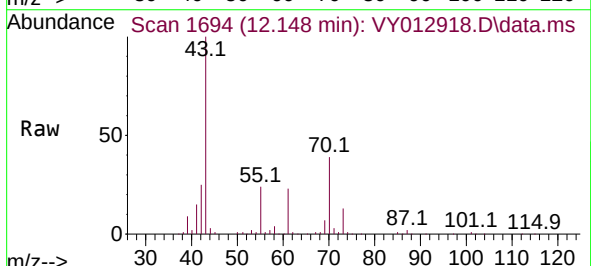
Ion Ratio Lower Upper

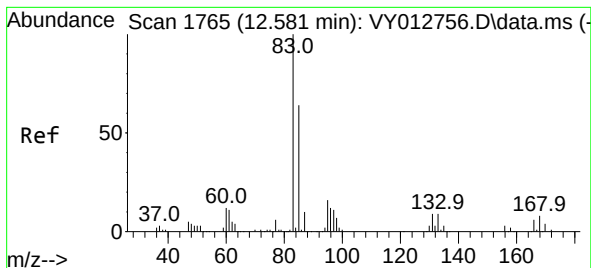
43 100

70 40.1 31.6 47.4

55 24.6 18.8 28.2

61 22.9 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.113 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

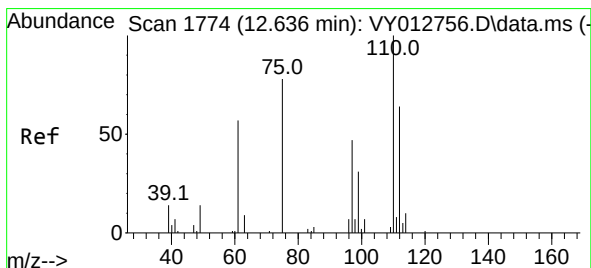
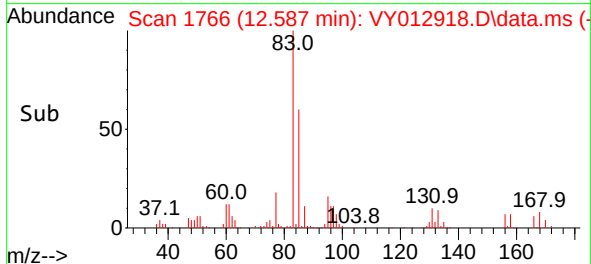
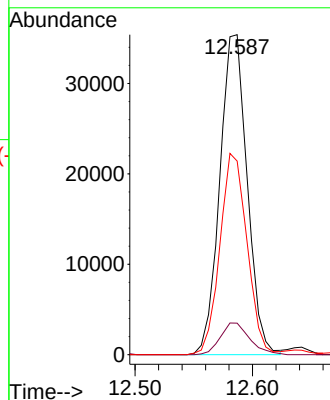
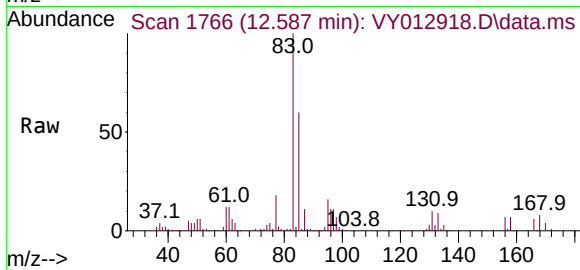
Tgt Ion: 83 Resp: 57405

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

85 62.4 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 87.252 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012918.D

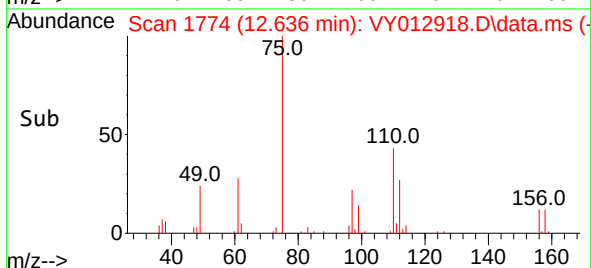
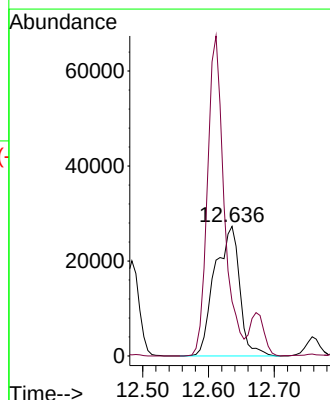
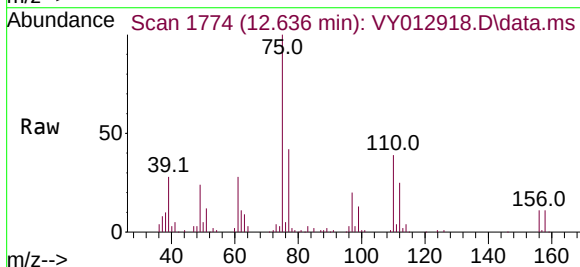
Acq: 10 Mar 2023 16:58

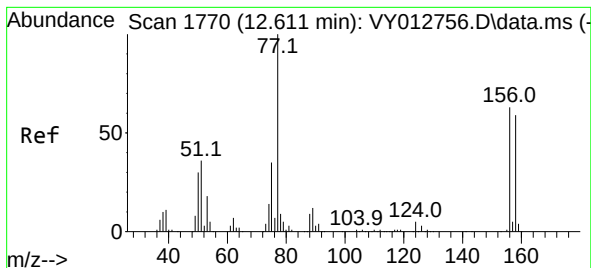
Tgt Ion: 75 Resp: 72043

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.168 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

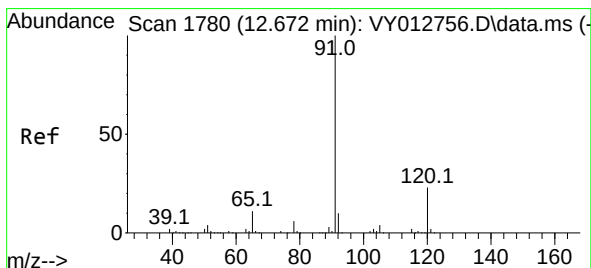
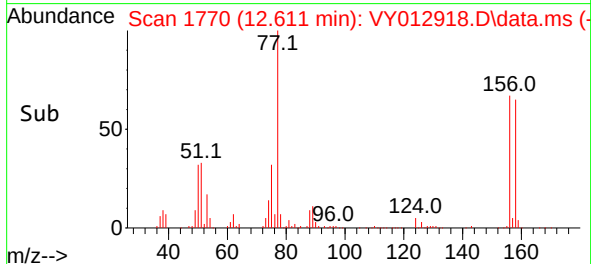
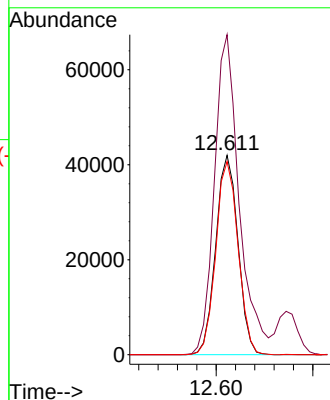
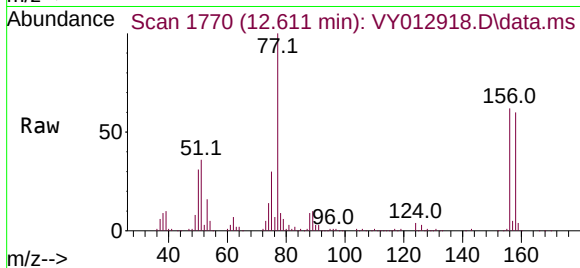
Tgt Ion:156 Resp: 66865

Ion Ratio Lower Upper

156 100

77 179.0 94.0 282.1

158 97.1 48.1 144.4



#78

n-propylbenzene

Concen: 58.328 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012918.D

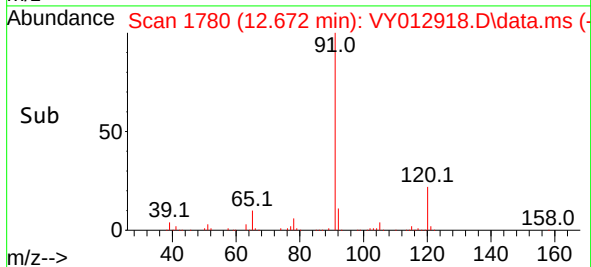
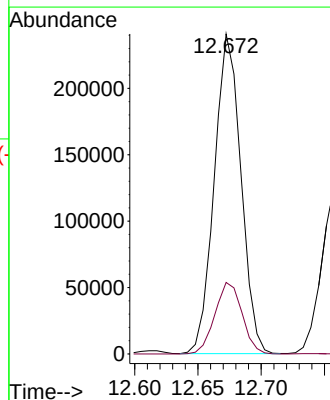
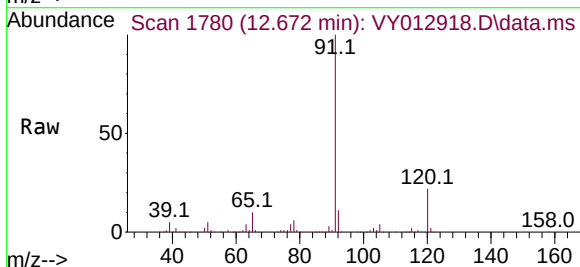
Acq: 10 Mar 2023 16:58

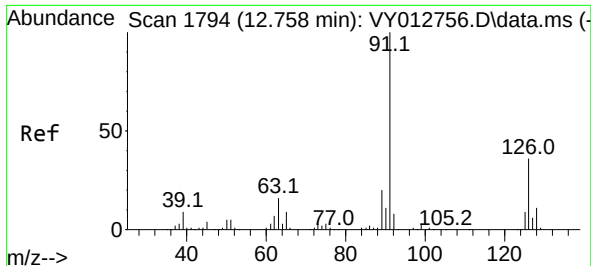
Tgt Ion: 91 Resp: 352393

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8

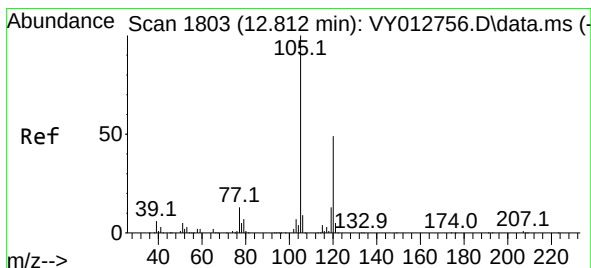
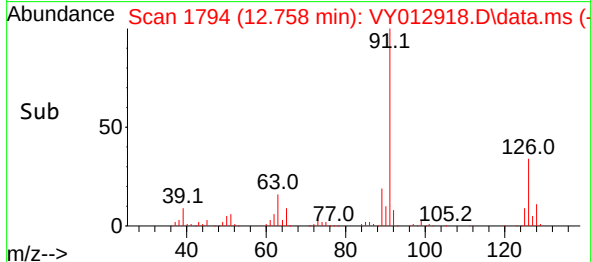
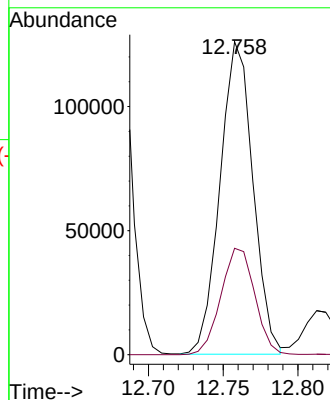
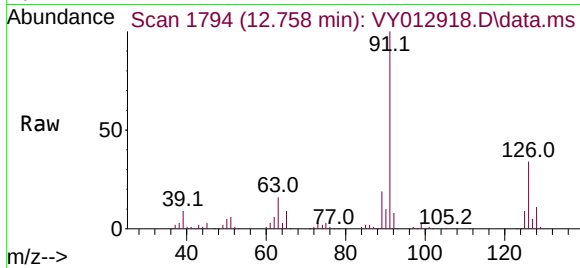




#79
2-Chlorotoluene
Concen: 57.514 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

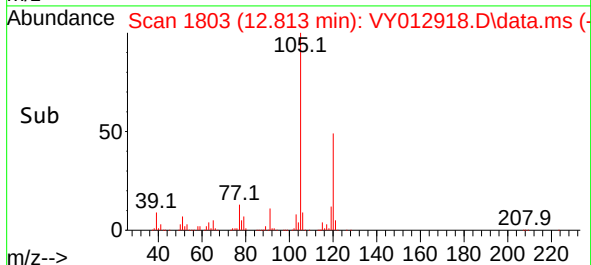
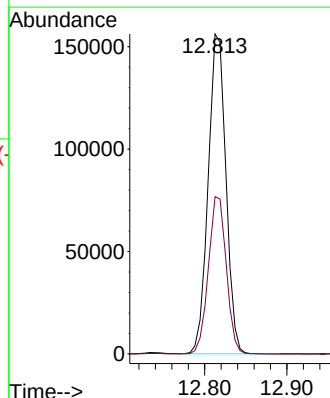
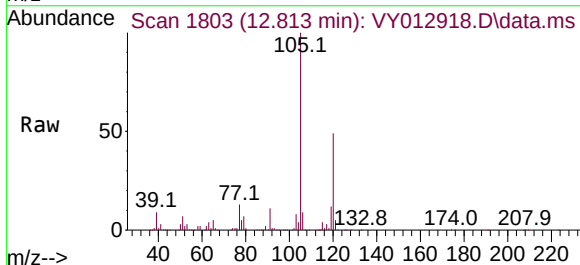
Instrument :
MSVOA_Y
ClientSampleId :

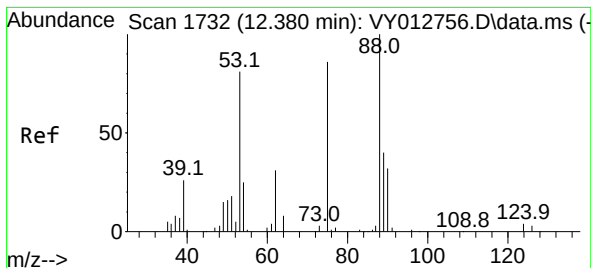
Tgt Ion: 91 Resp: 193119
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 58.082 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion:105 Resp: 234883
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4

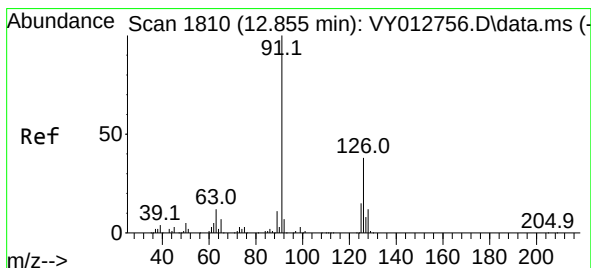
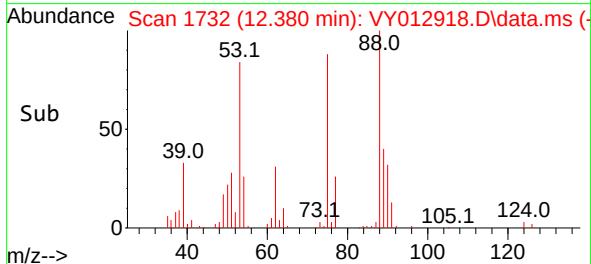
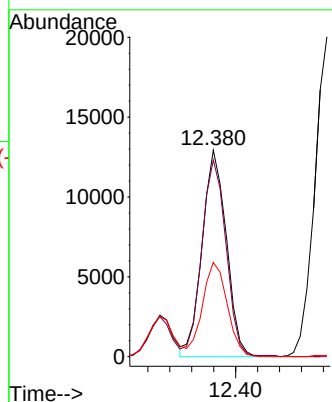
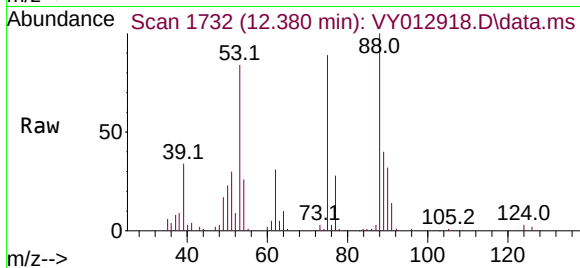




#81
trans-1,4-Dichloro-2-butene
Concen: 49.961 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

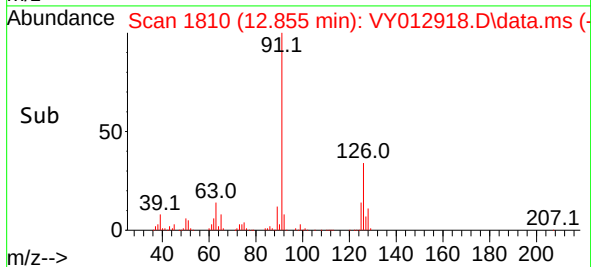
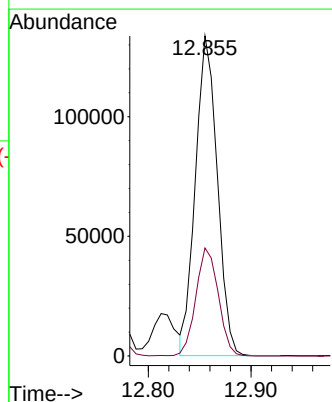
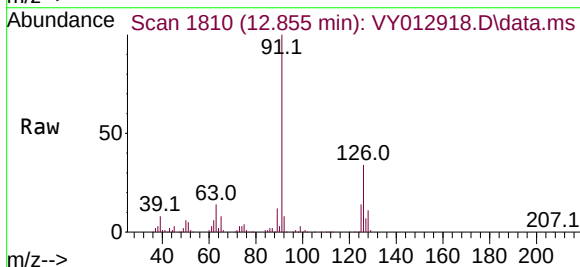
Instrument :
MSVOA_Y
ClientSampleId :

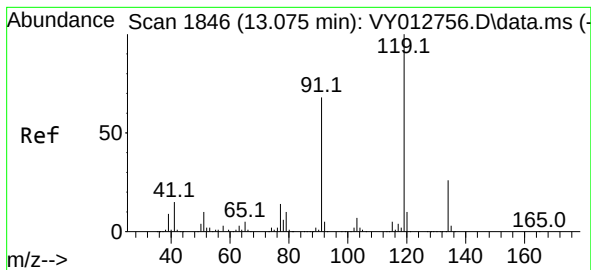
Tgt Ion: 75 Resp: 19909
Ion Ratio Lower Upper
75 100
53 95.5 73.4 110.0
89 46.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 56.922 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 91 Resp: 197852
Ion Ratio Lower Upper
91 100
126 34.7 17.7 53.1





#83

tert-Butylbenzene

Concen: 60.644 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

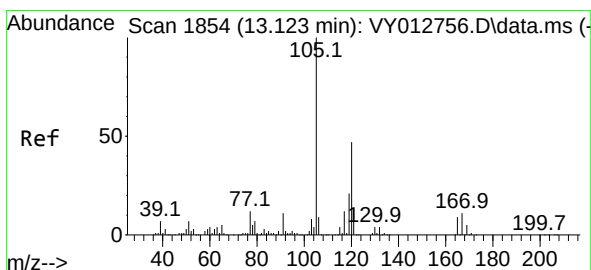
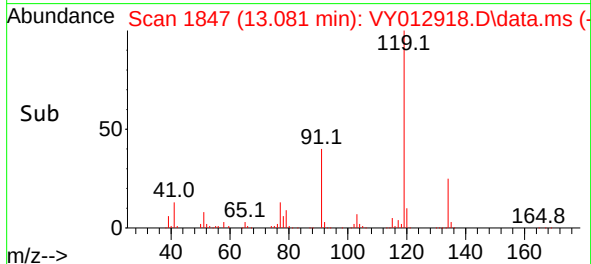
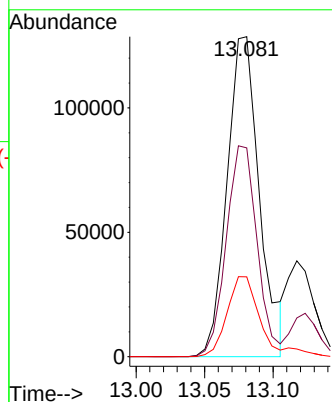
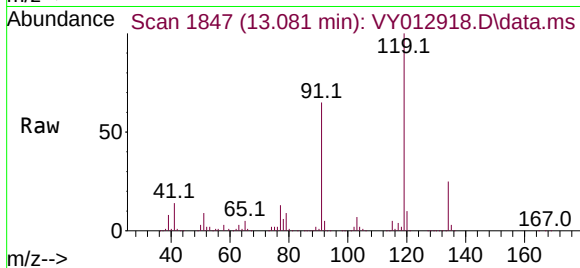
Tgt Ion:119 Resp: 211676

Ion Ratio Lower Upper

119 100

91 62.9 32.8 98.3

134 26.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 58.828 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012918.D

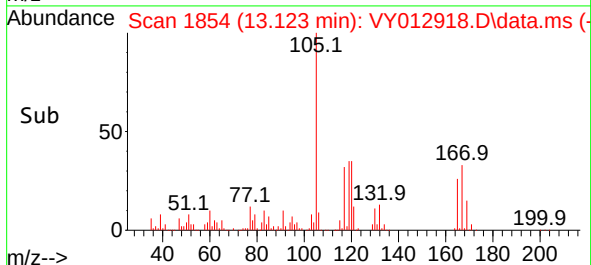
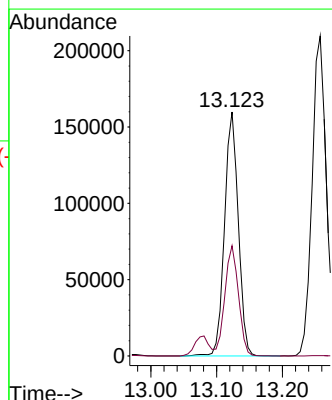
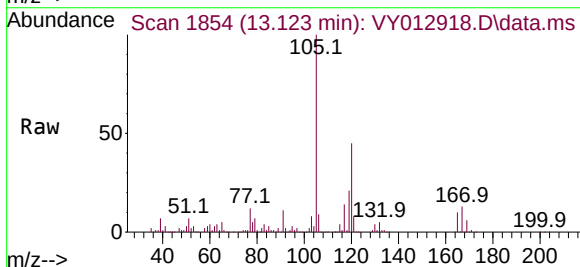
Acq: 10 Mar 2023 16:58

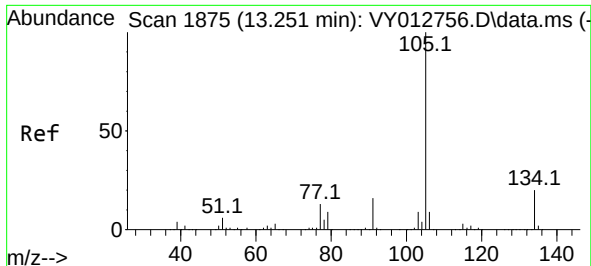
Tgt Ion:105 Resp: 232634

Ion Ratio Lower Upper

105 100

120 45.0 23.0 69.0

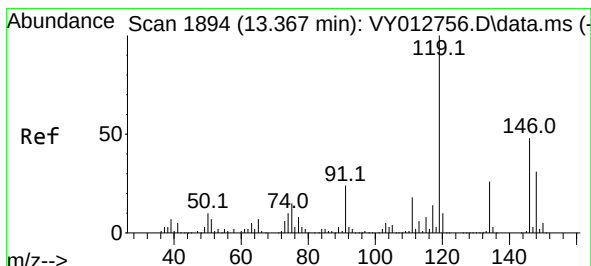
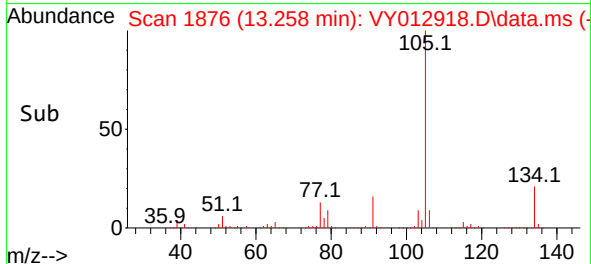
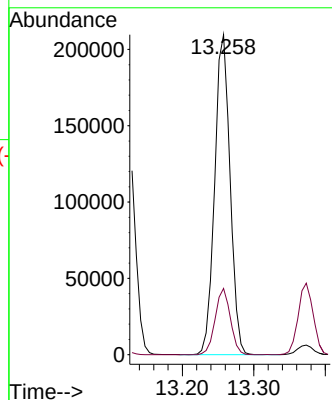
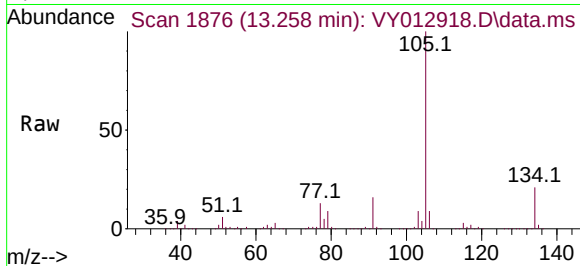




#85
 sec-Butylbenzene
 Concen: 58.826 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY012918.D
 Acq: 10 Mar 2023 16:58

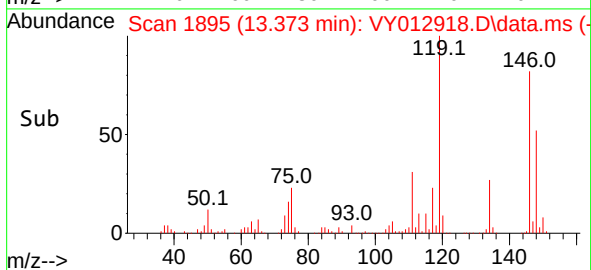
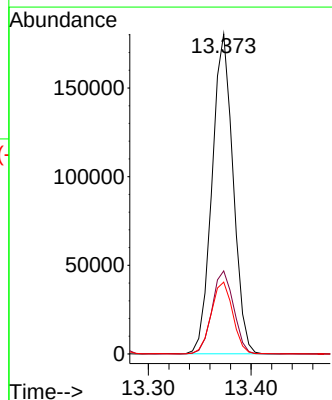
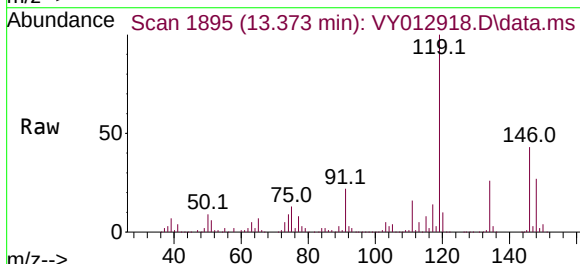
Instrument :
 MSVOA_Y
 ClientSampleId :

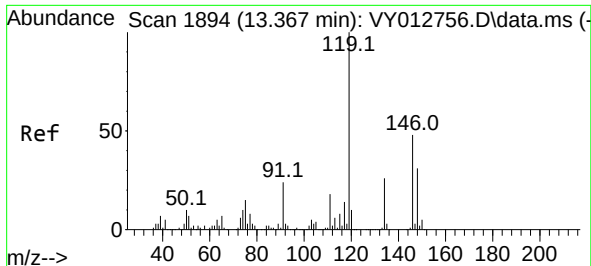
Tgt Ion:105 Resp: 313245
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 58.879 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012918.D
 Acq: 10 Mar 2023 16:58

Tgt Ion:119 Resp: 256245
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 57.058 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

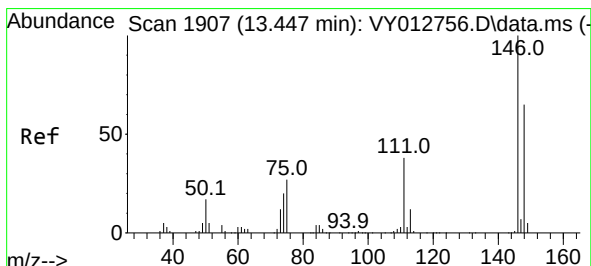
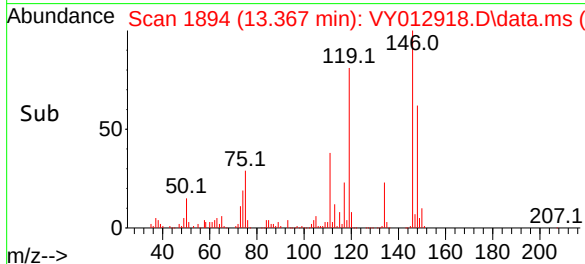
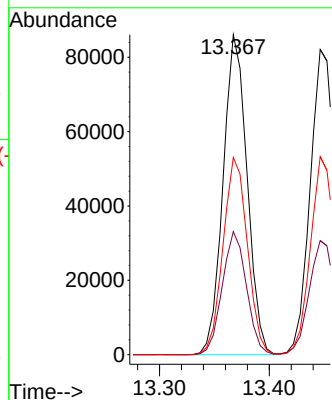
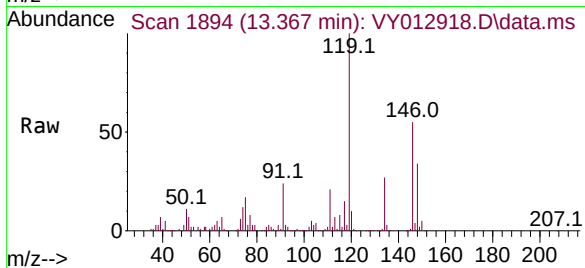
Tgt Ion:146 Resp: 131003

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 62.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 55.715 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

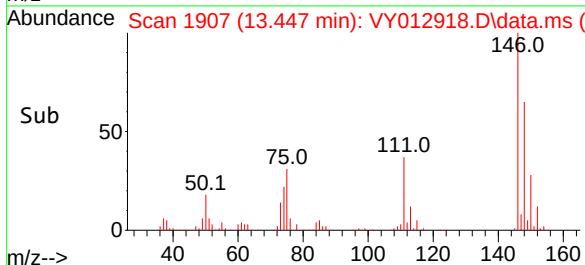
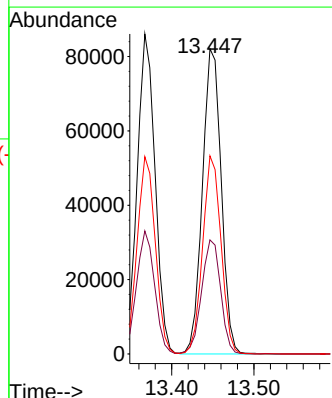
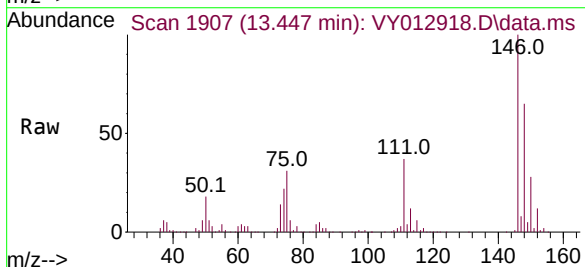
Tgt Ion:146 Resp: 130555

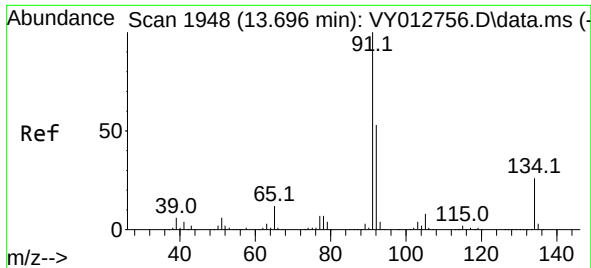
Ion Ratio Lower Upper

146 100

111 37.9 18.6 55.8

148 63.4 31.5 94.5

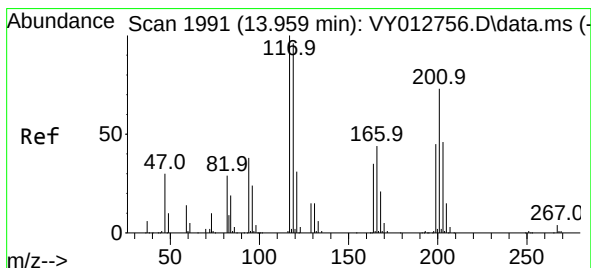
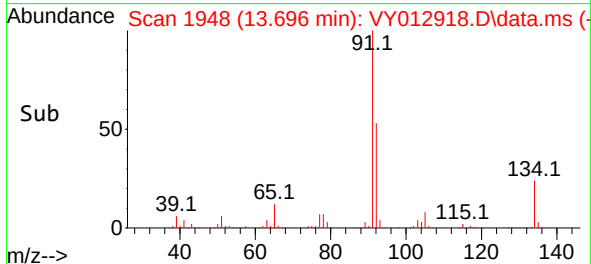
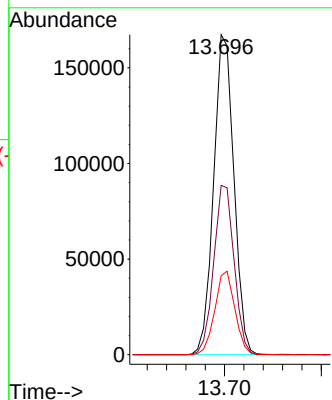
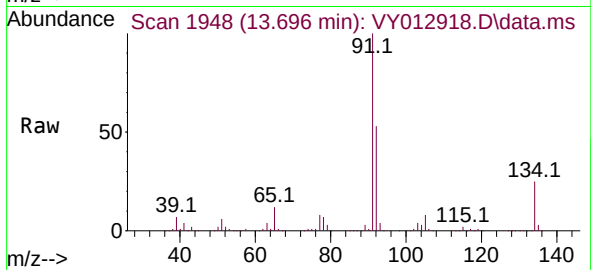




#89
n-Butylbenzene
Concen: 58.401 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

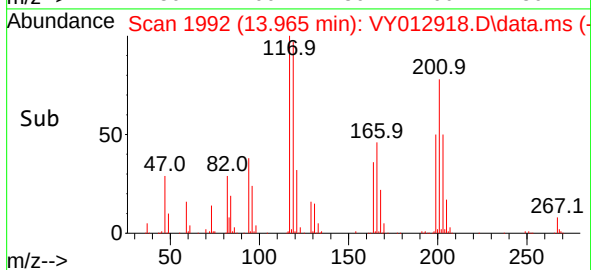
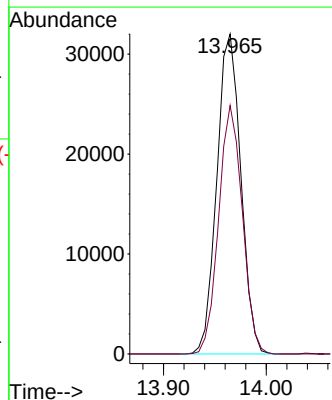
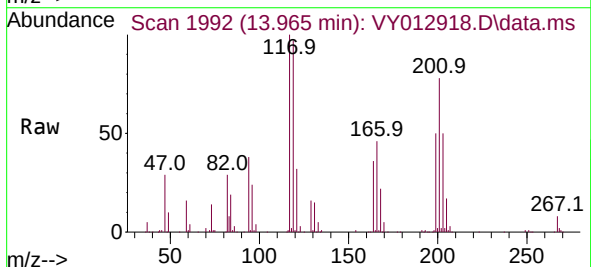
Instrument :
MSVOA_Y
ClientSampleId :

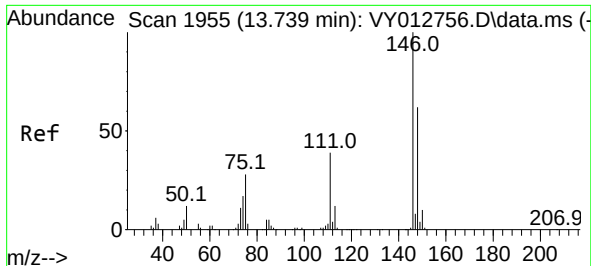
Tgt Ion: 91 Resp: 243314
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.0
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 57.257 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012918.D
Acq: 10 Mar 2023 16:58

Tgt Ion: 117 Resp: 51900
Ion Ratio Lower Upper
117 100
201 76.5 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 55.890 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

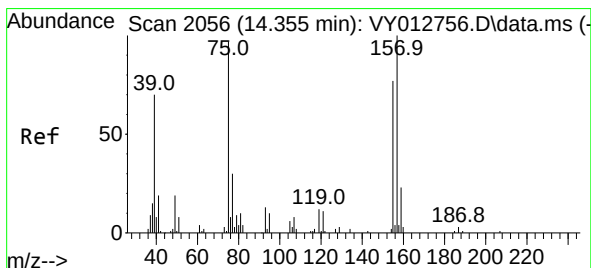
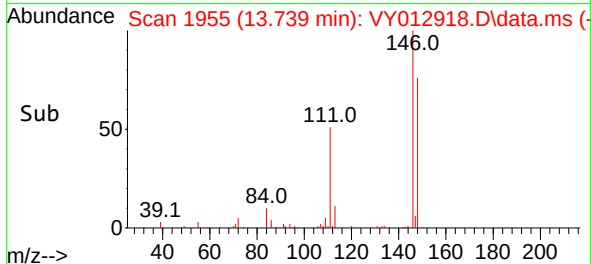
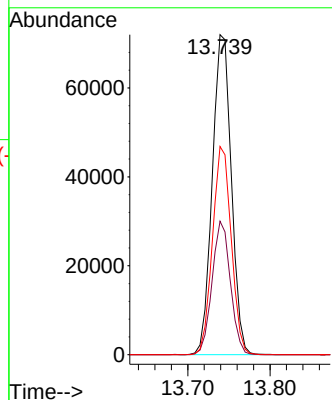
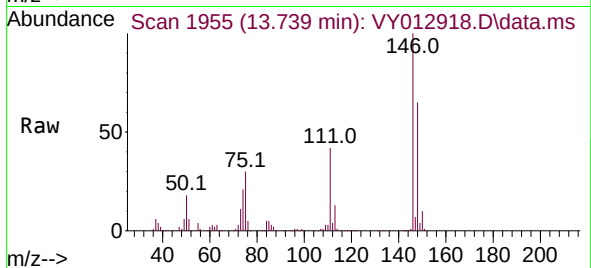
Tgt Ion:146 Resp: 115998

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.1

148 64.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.127 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

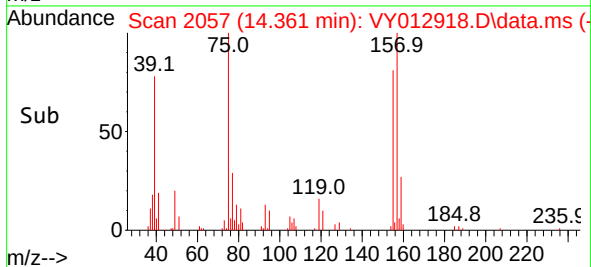
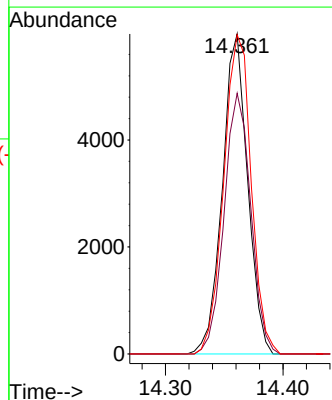
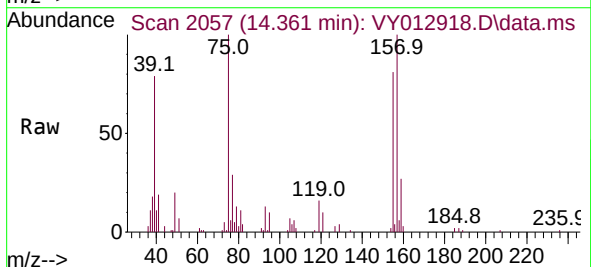
Tgt Ion: 75 Resp: 8924

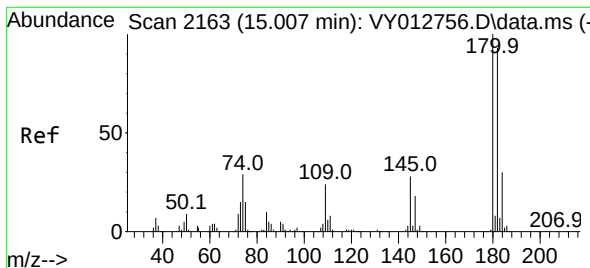
Ion Ratio Lower Upper

75 100

155 86.0 43.8 131.4

157 108.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 54.753 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

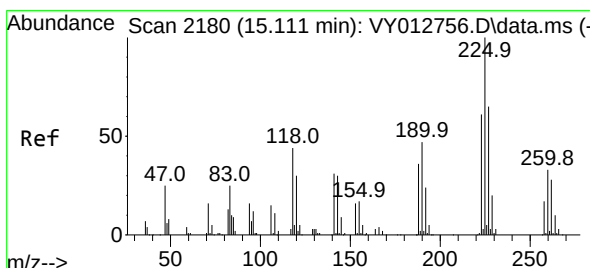
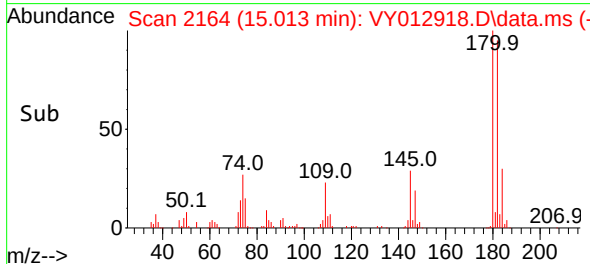
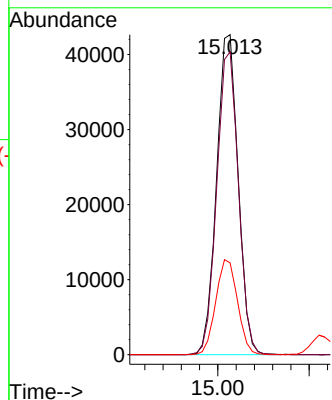
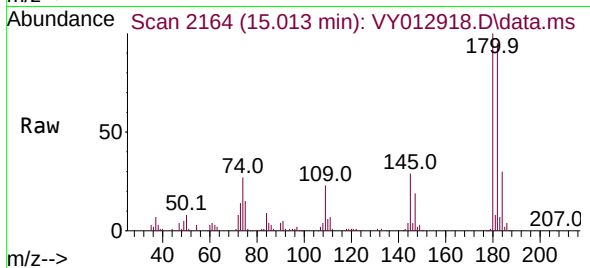
Tgt Ion:180 Resp: 69967

Ion Ratio Lower Upper

180 100

182 95.0 46.7 140.1

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 55.894 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

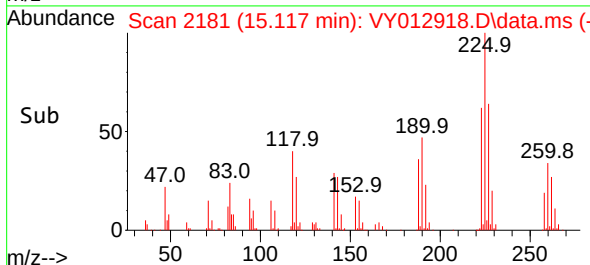
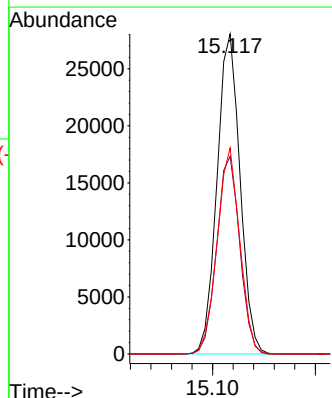
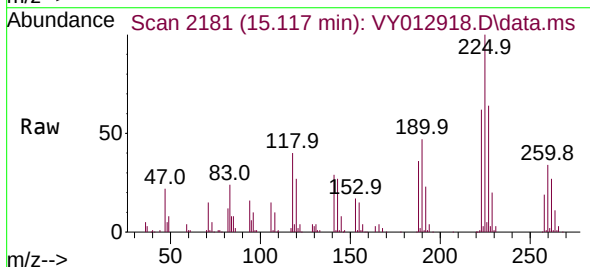
Tgt Ion:225 Resp: 43564

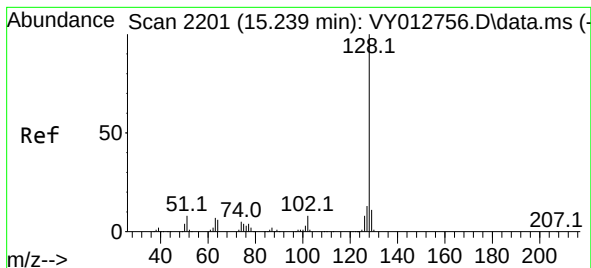
Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.3

227 63.2 32.4 97.0





#95

Naphthalene

Concen: 52.442 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

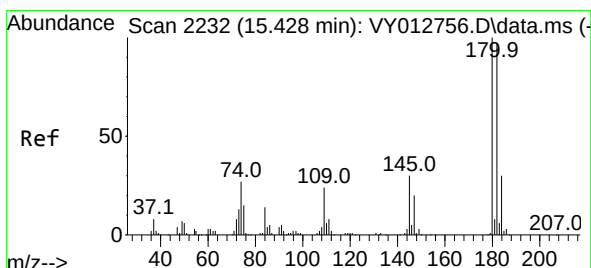
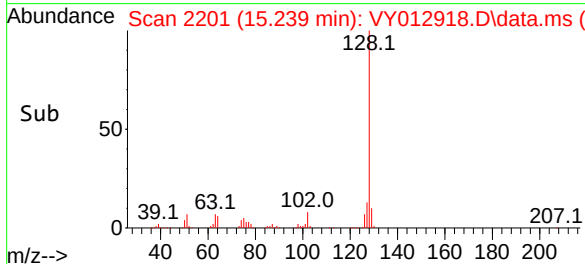
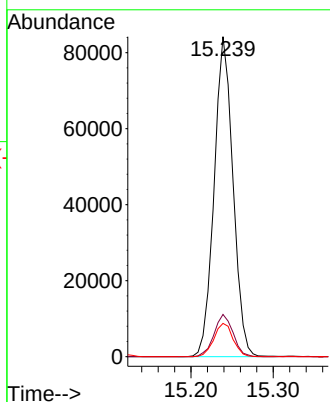
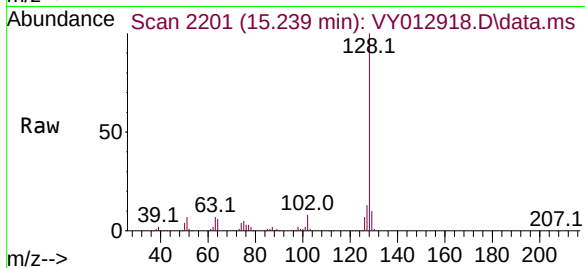
Tgt Ion:128 Resp: 134291

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.736 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012918.D

Acq: 10 Mar 2023 16:58

Tgt Ion:180 Resp: 61071

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.3

145 31.2 15.3 45.8

