

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010138.D
 Acq On : 20 Aug 2022 05:56
 Operator : KP/MD
 Sample : N4205-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-6

Quant Time: Aug 22 02:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

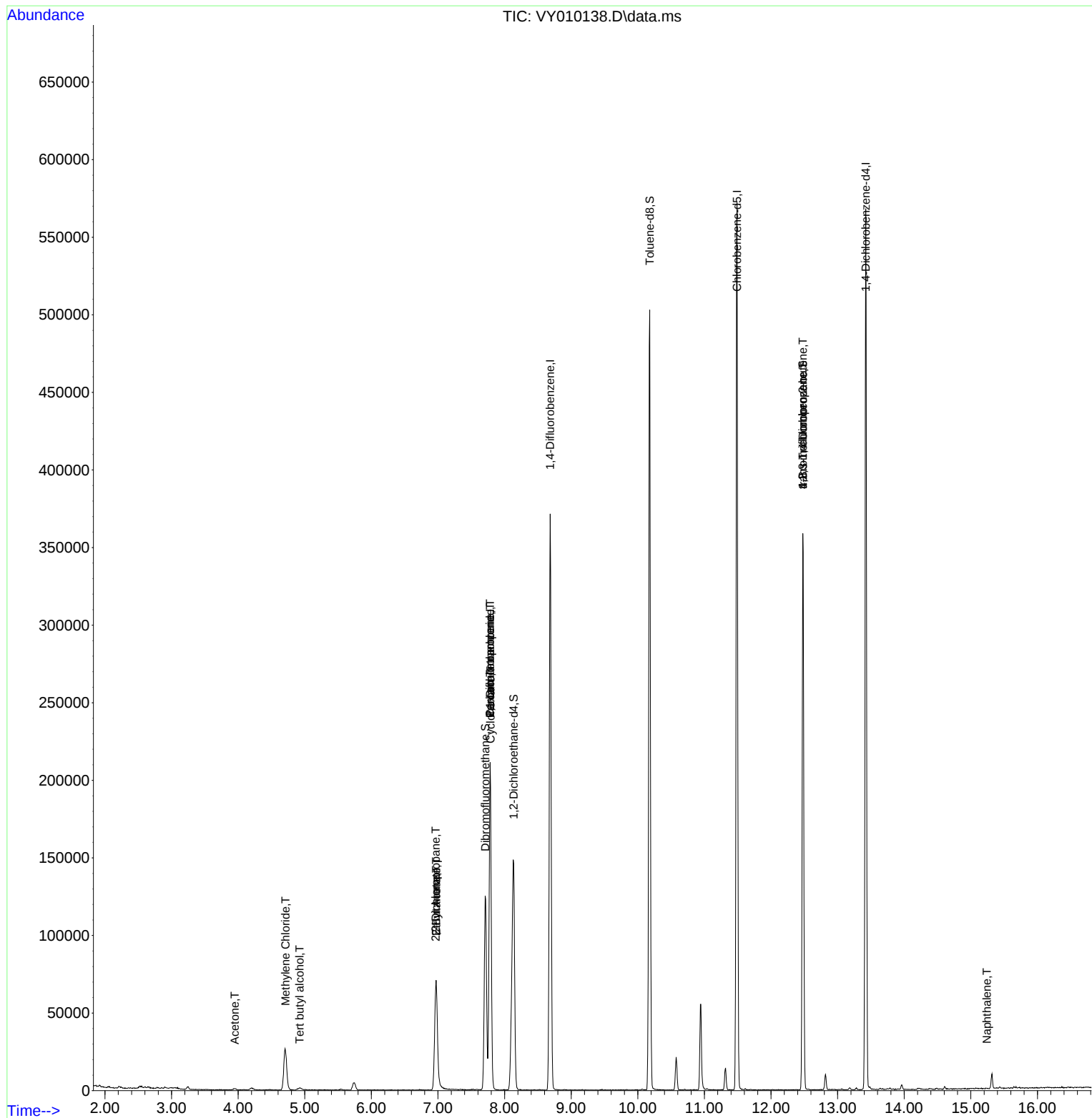
Internal Standards						
1) Pentafluorobenzene	7.783	168	167207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	325391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93752	68.453	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.900%			
35) Dibromofluoromethane	7.710	113	91036	49.651	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.300%			
50) Toluene-d8	10.179	98	335034	48.765	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.540%			
62) 4-Bromofluorobenzene	12.477	95	110571	45.044	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	2299	25.970	ug/l #	73
16) Acetone	3.948	43	1851	5.400	ug/l #	73
20) Methylene Chloride	4.710	84	20561	2.964	ug/l	91
25) 2-Butanone	6.972	43	3570	6.475	ug/l #	78
26) 2,2-Dichloropropane	6.966	77	5304	2.054	ug/l #	50
31) Cyclohexane	7.789	56	3002	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12977	4.434	ug/l #	48
37) Ethyl Acetate	6.972	43	3570	2.403	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15829	5.157	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	53889	38.255	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53889	76.836	ug/l #	18
95) Naphthalene	15.239	128	239	3.925	ug/l #	69

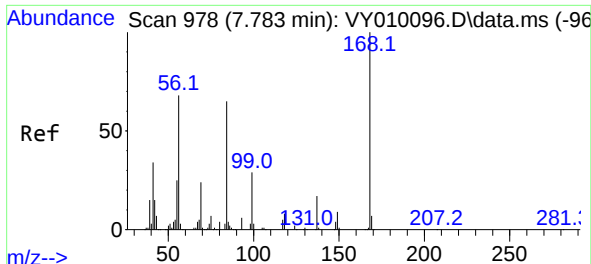
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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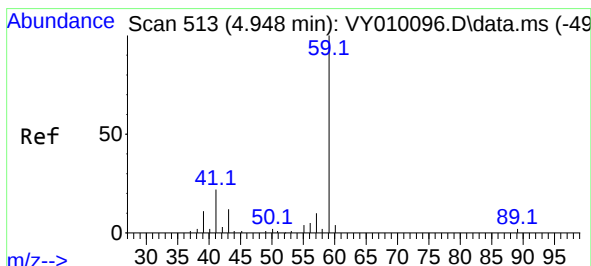
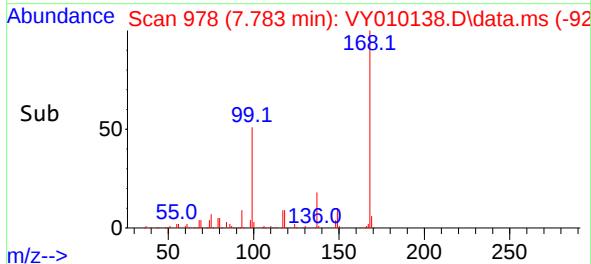
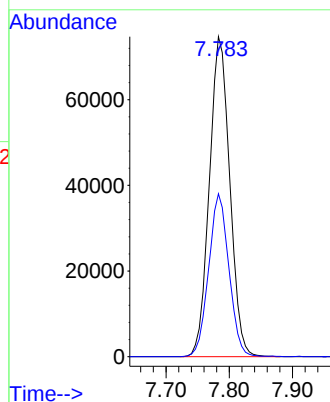
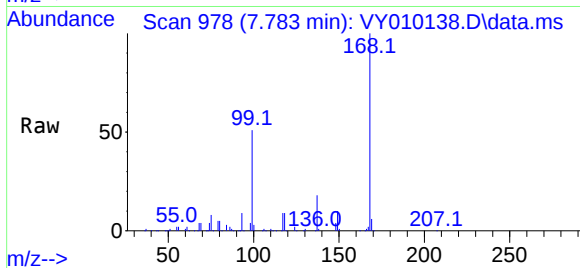




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

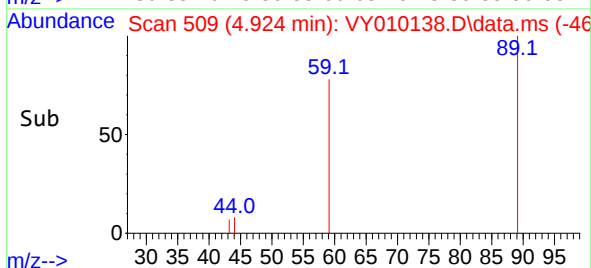
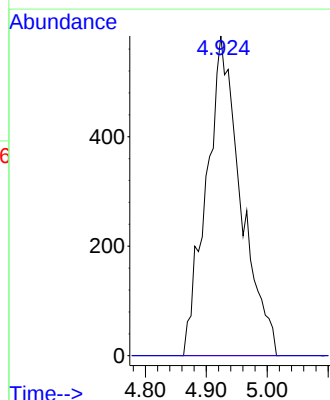
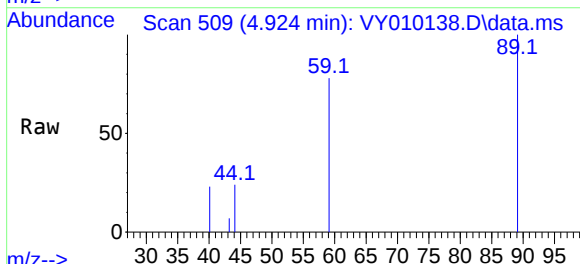
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

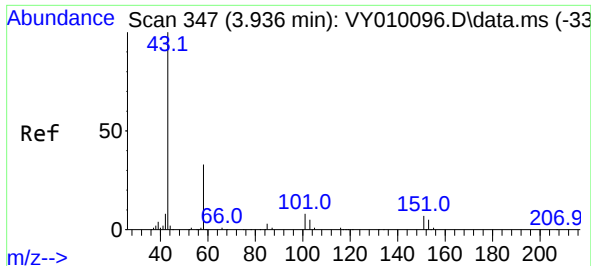
Tgt Ion:168 Resp: 167207
Ion Ratio Lower Upper
168 100
99 50.9 40.7 61.1



#11
Tert butyl alcohol
Concen: 25.970 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Tgt Ion: 59 Resp: 2299
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

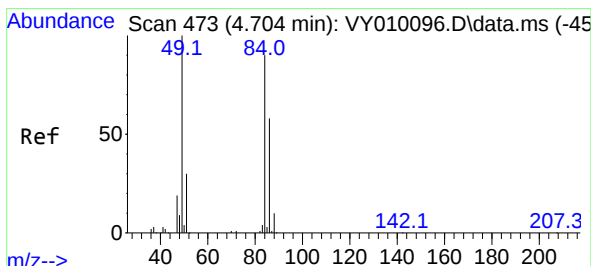
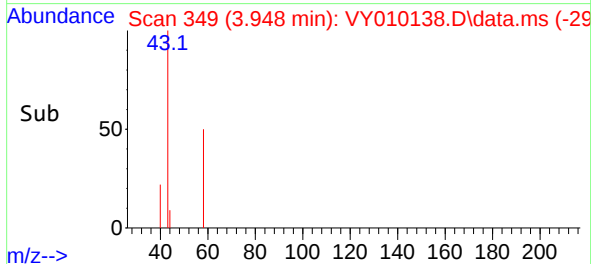
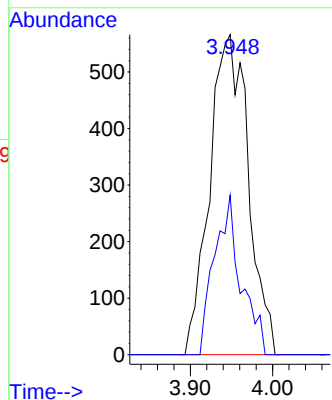
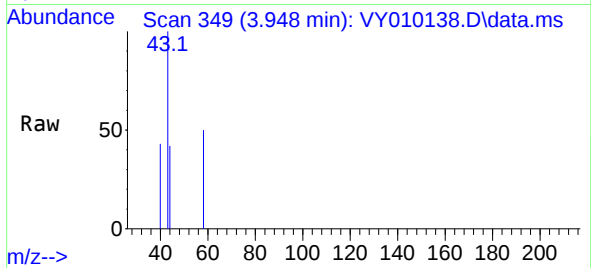




#16
Acetone
Concen: 5.400 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

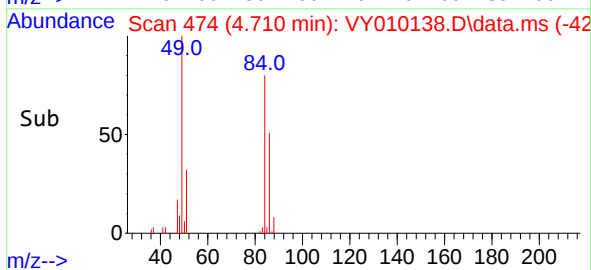
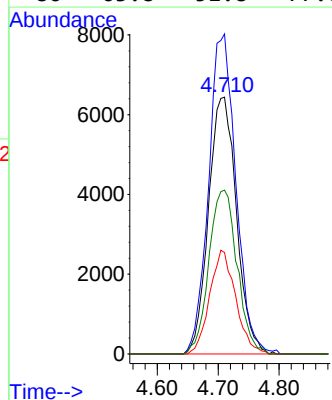
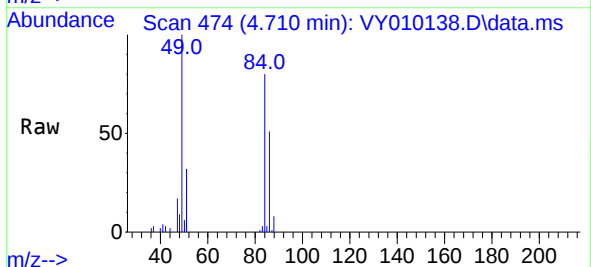
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

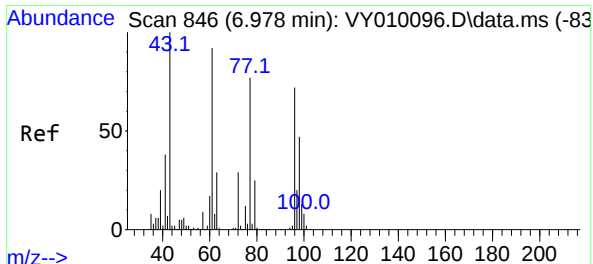
Tgt Ion: 43 Resp: 1851
Ion Ratio Lower Upper
43 100
58 49.8 27.4 41.0#



#20
Methylene Chloride
Concen: 2.964 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Tgt Ion: 84 Resp: 20561
Ion Ratio Lower Upper
84 100
49 124.6 89.0 133.4
51 39.5 27.0 40.6
86 63.8 51.8 77.6





#25

2-Butanone

Concen: 6.475 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010138.D

Acq: 20 Aug 2022 05:56

Instrument :

MSVOA_Y

ClientSampleId :

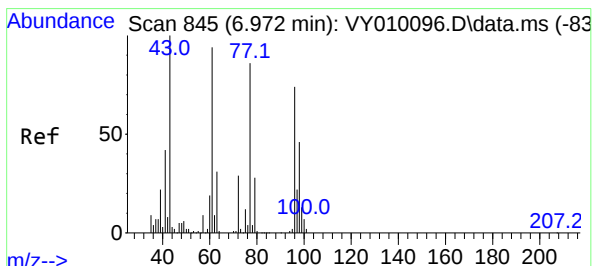
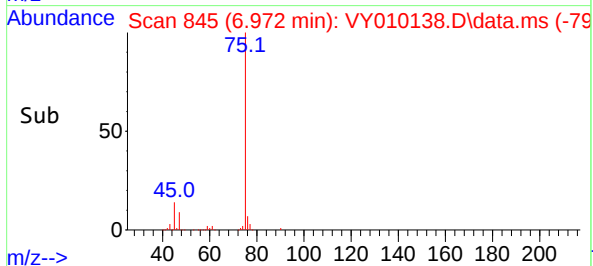
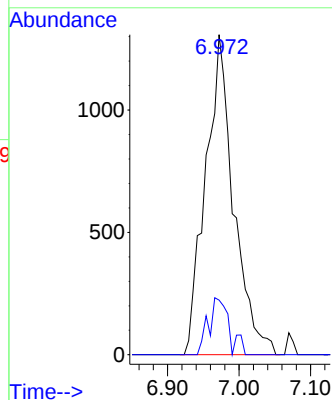
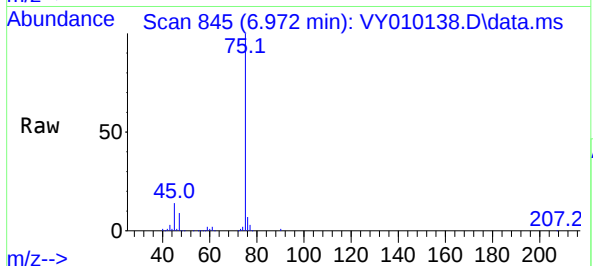
SS-6

Tgt Ion: 43 Resp: 3570

Ion Ratio Lower Upper

43 100

72 17.0 23.2 34.8#



#26

2,2-Dichloropropane

Concen: 2.054 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY010138.D

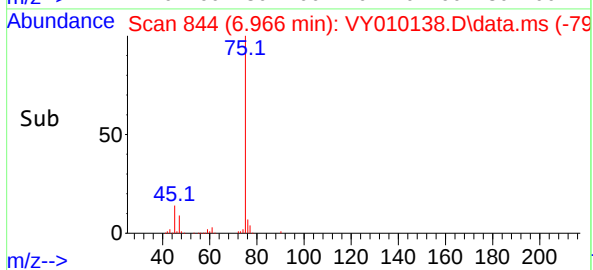
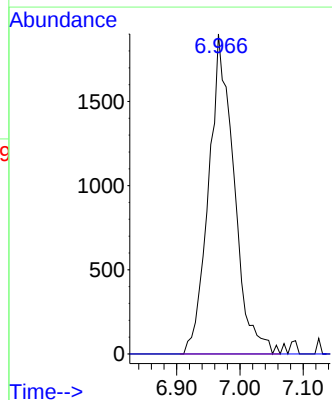
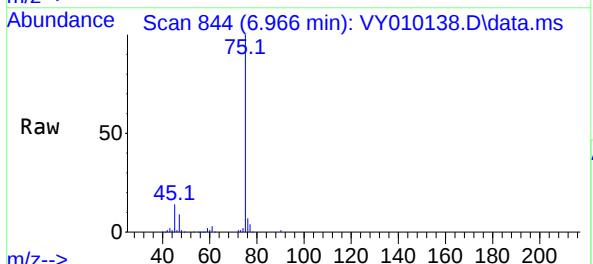
Acq: 20 Aug 2022 05:56

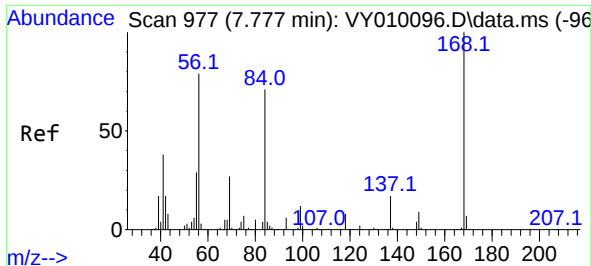
Tgt Ion: 77 Resp: 5304

Ion Ratio Lower Upper

77 100

97 0.0 12.4 37.4#

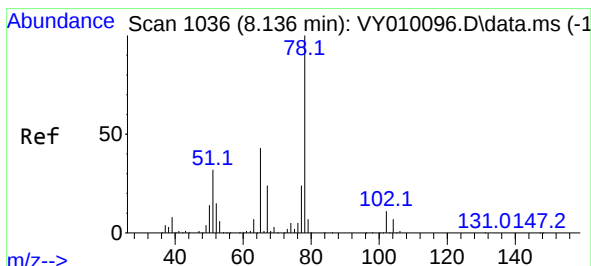
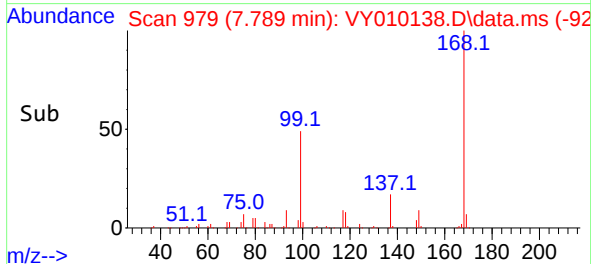
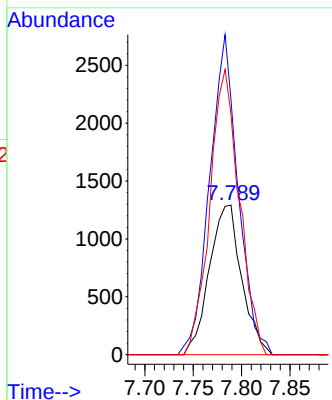
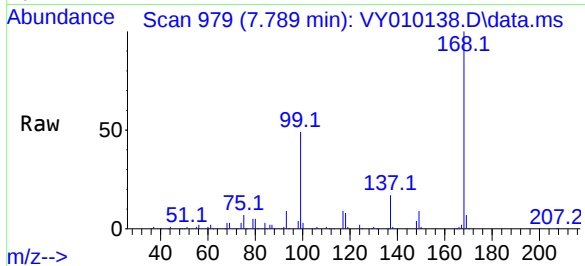




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

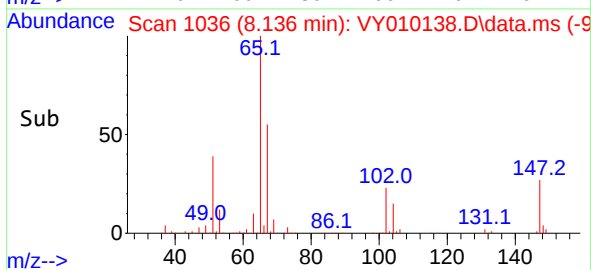
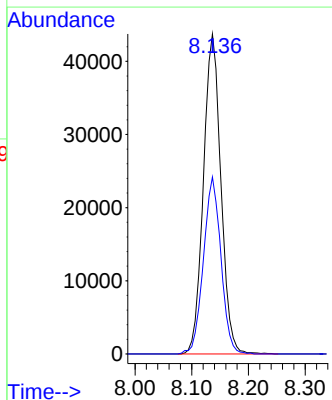
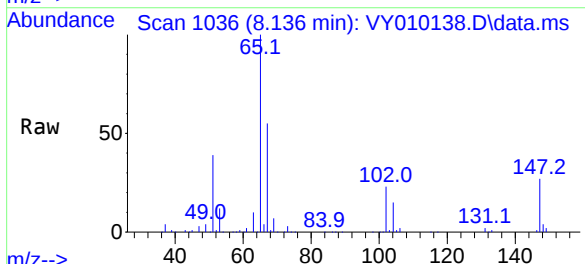
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

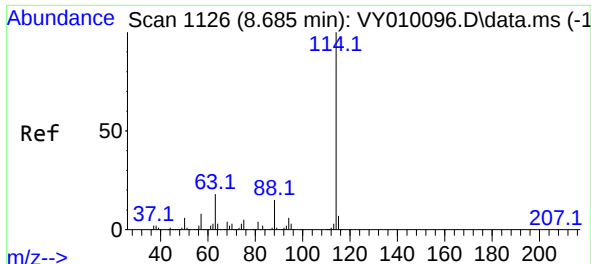
Tgt Ion: 56 Resp: 3002
Ion Ratio Lower Upper
56 100
69 170.3 27.3 40.9#
84 160.6 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 68.453 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Tgt Ion: 65 Resp: 93752
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6



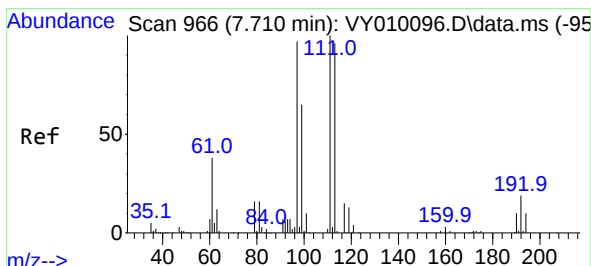
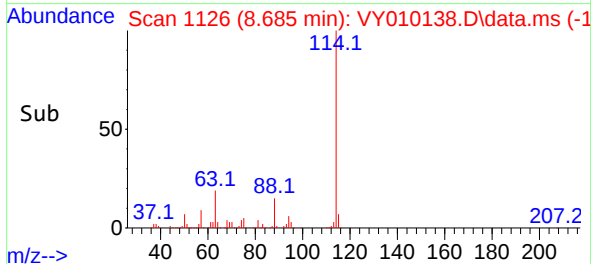
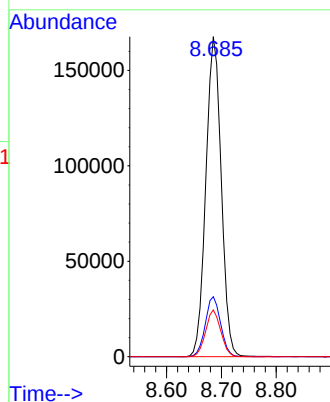
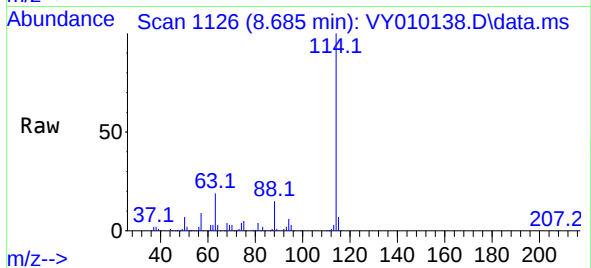


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Tgt Ion:114 Resp: 325391

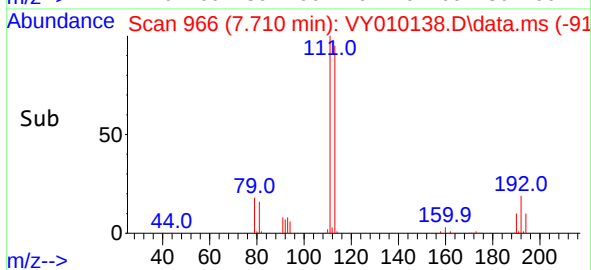
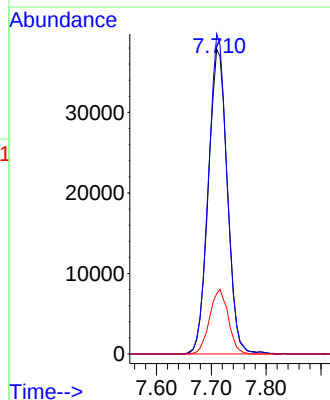
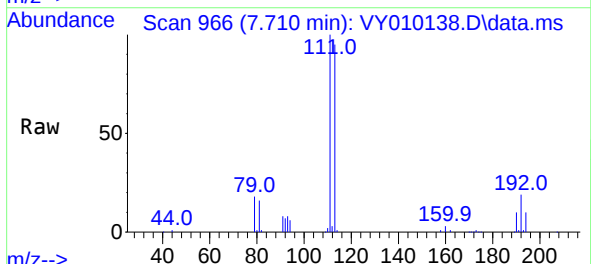
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	35.6
88	14.6	0.0	29.6

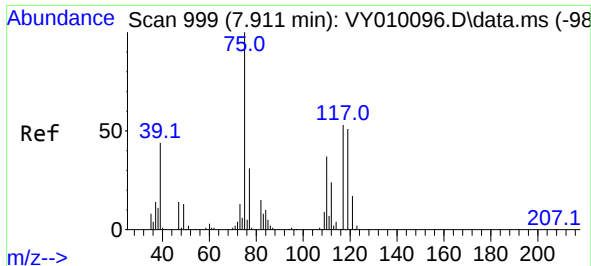


#35
Dibromofluoromethane
Concen: 49.651 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Tgt Ion:113 Resp: 91036

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	20.8	16.3	24.5

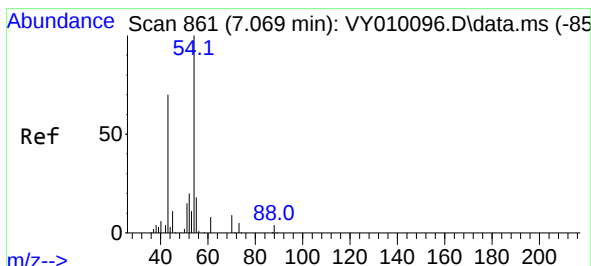
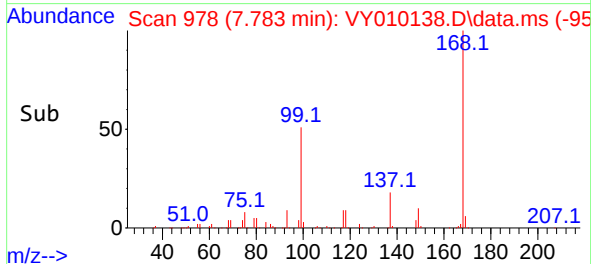
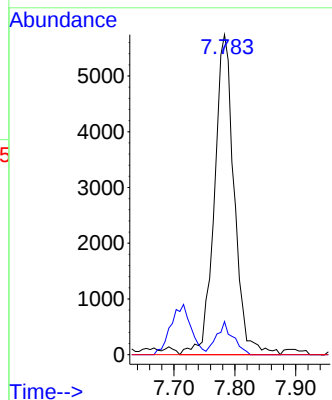
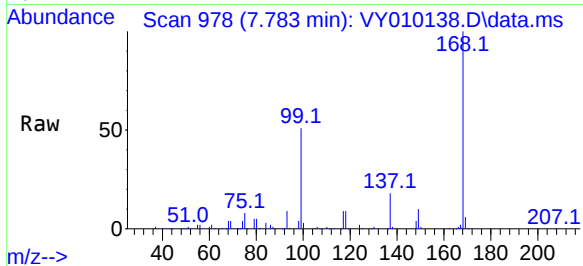




#36
1,1-Dichloropropene
Concen: 4.434 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

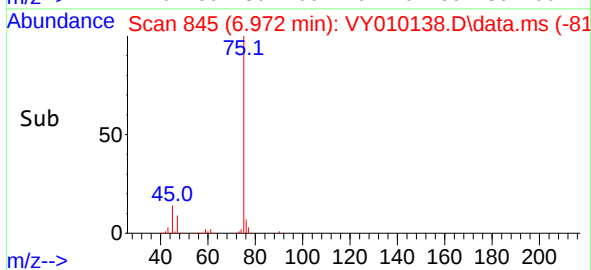
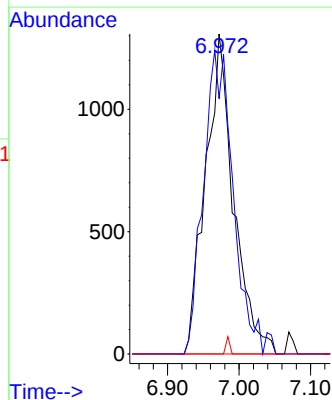
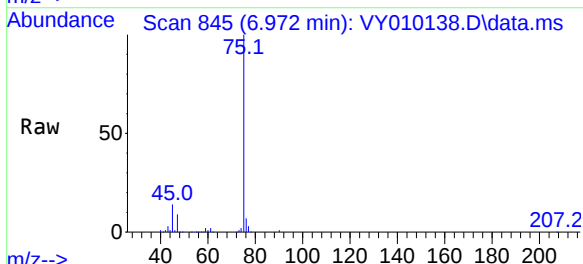
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

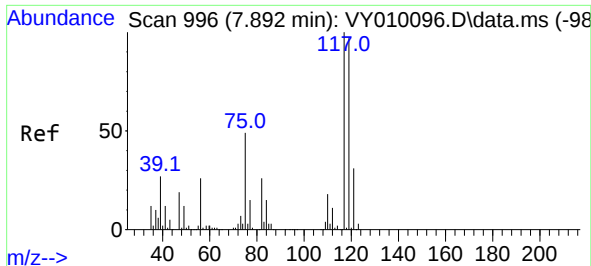
Tgt Ion: 75 Resp: 12977
Ion Ratio Lower Upper
75 100
110 8.6 18.6 56.0#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 2.403 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.097 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Tgt Ion: 43 Resp: 3570
Ion Ratio Lower Upper
43 100
61 99.9 11.7 17.5#
70 0.7 9.0 13.4#

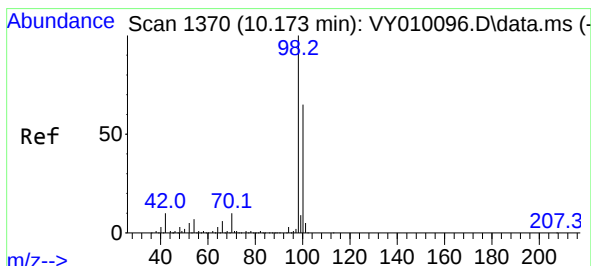
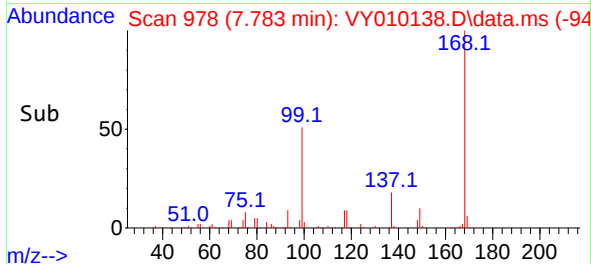
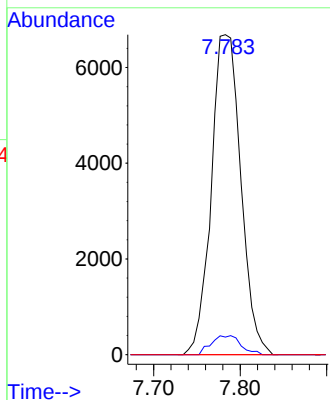
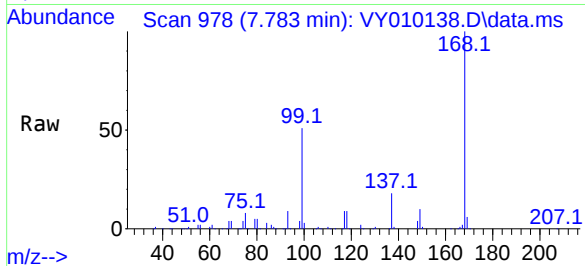




#38
Carbon Tetrachloride
Concen: 5.157 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

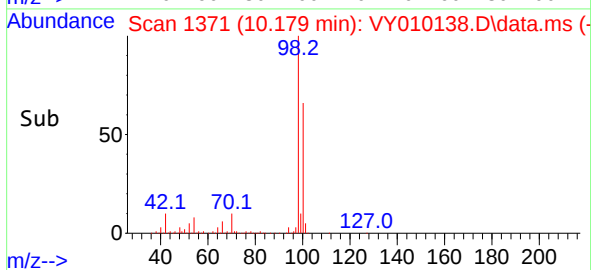
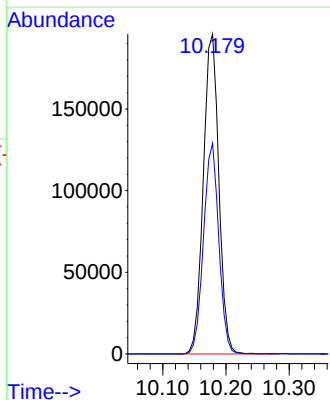
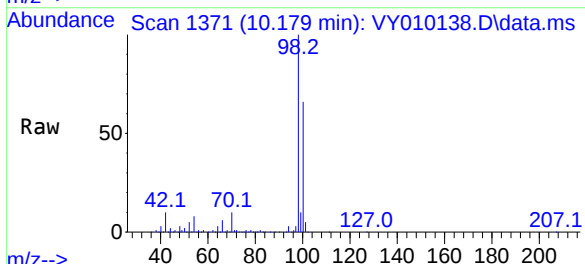
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

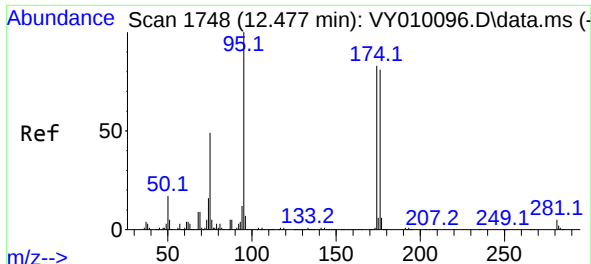
Tgt Ion:117 Resp: 15829
Ion Ratio Lower Upper
117 100
119 5.5 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.765 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Tgt Ion: 98 Resp: 335034
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

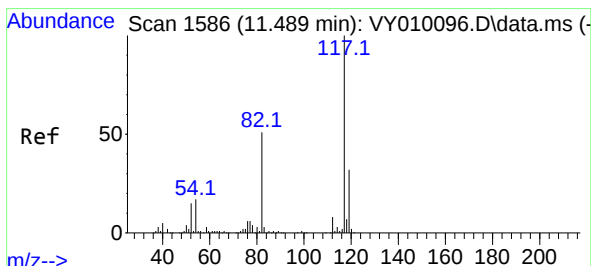
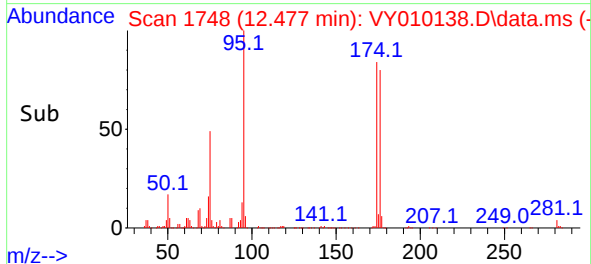
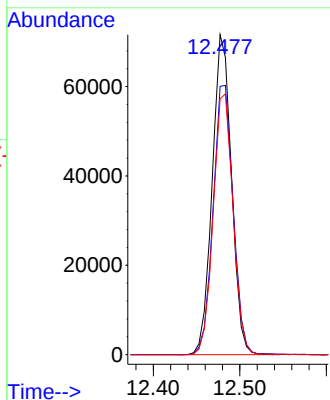
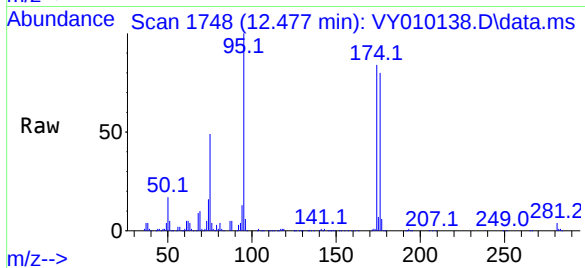




#62
4-Bromofluorobenzene
Concen: 45.044 ug/l
RT: 12.477 min Scan# 110571
Delta R.T. 0.000 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

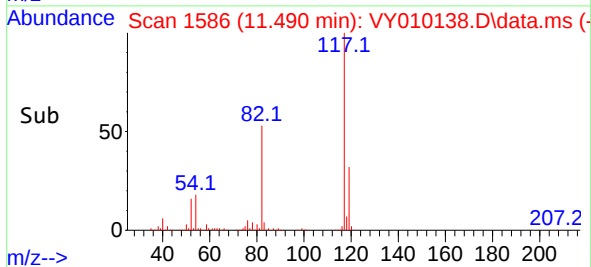
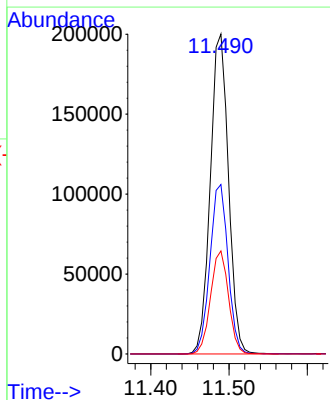
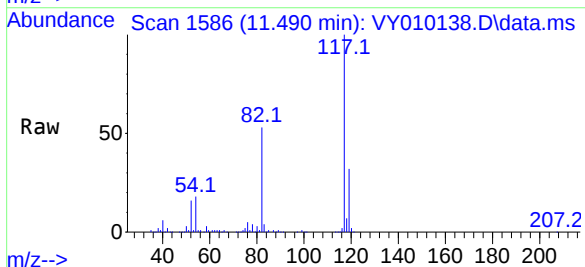
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

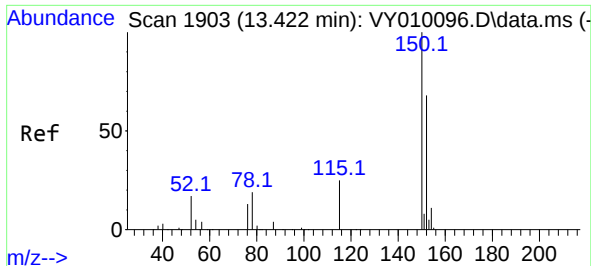
Tgt Ion: 95 Resp: 110571
Ion Ratio Lower Upper
95 100
174 87.5 0.0 173.8
176 83.8 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Tgt Ion: 117 Resp: 322715
Ion Ratio Lower Upper
117 100
82 53.0 40.6 61.0
119 32.2 25.8 38.8

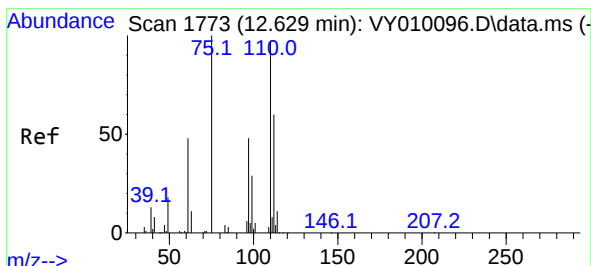
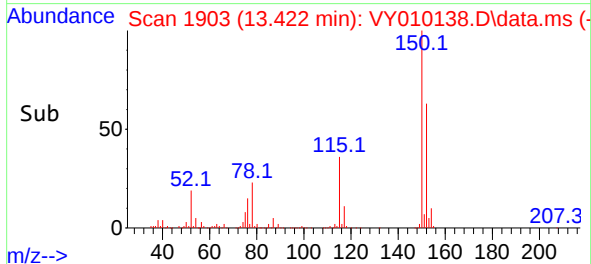
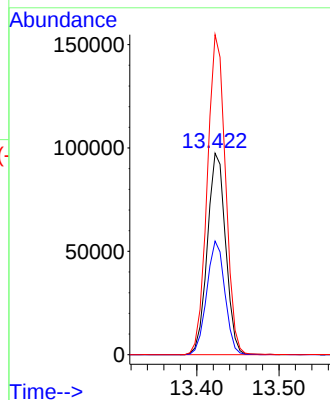
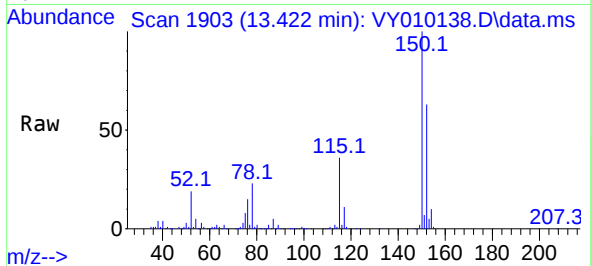




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

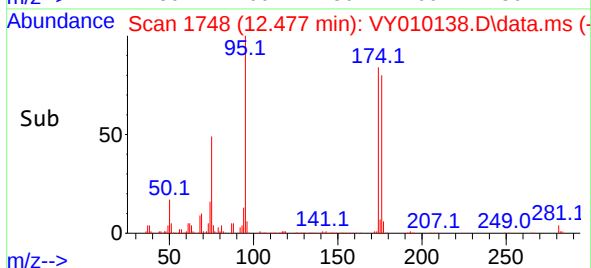
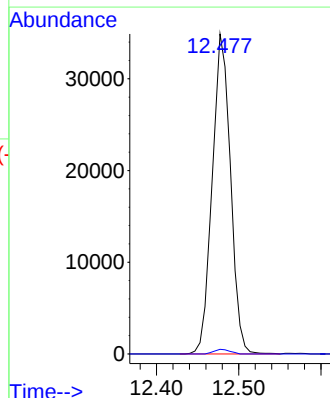
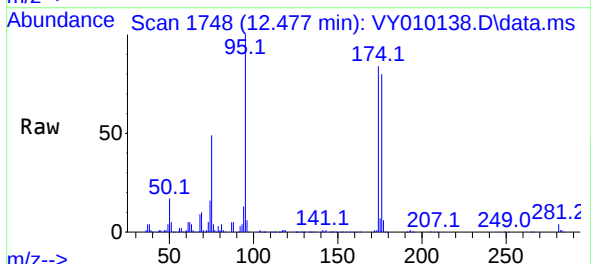
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

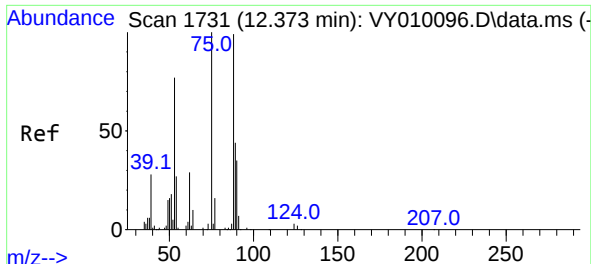
Tgt Ion:152 Resp: 150414
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 158.3 0.0 346.2



#76
1,2,3-Trichloropropane
Concen: 38.255 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Tgt Ion: 75 Resp: 53889
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

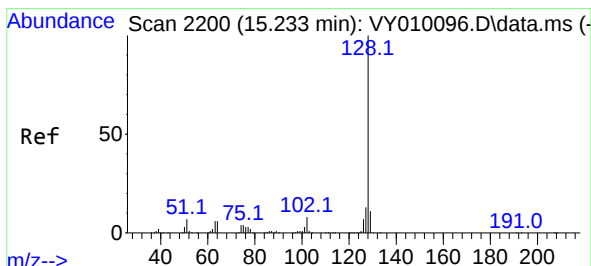
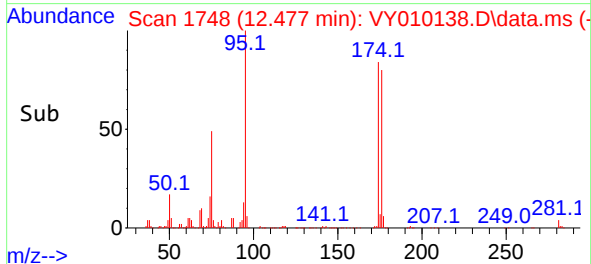
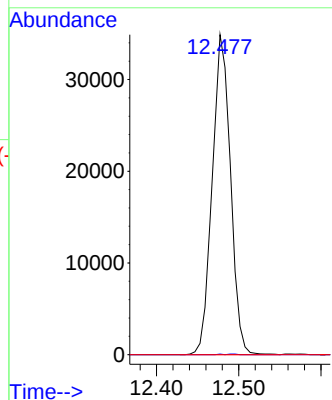
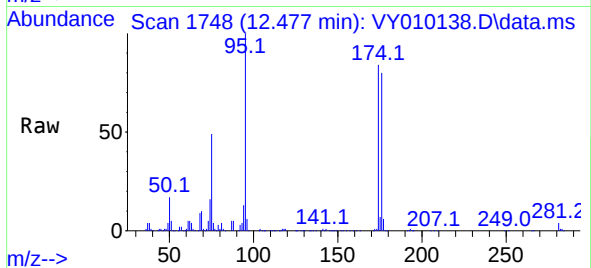




#81
trans-1,4-Dichloro-2-butene
Concen: 76.836 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Tgt Ion: 75 Resp: 53889
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 36.8 55.2#



#95
Naphthalene
Concen: 3.925 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010138.D
Acq: 20 Aug 2022 05:56

Tgt Ion:128 Resp: 239
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

