

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010136.D
 Acq On : 20 Aug 2022 05:10
 Operator : KP/MD
 Sample : N4205-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-4

Quant Time: Aug 22 02:54:08 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)

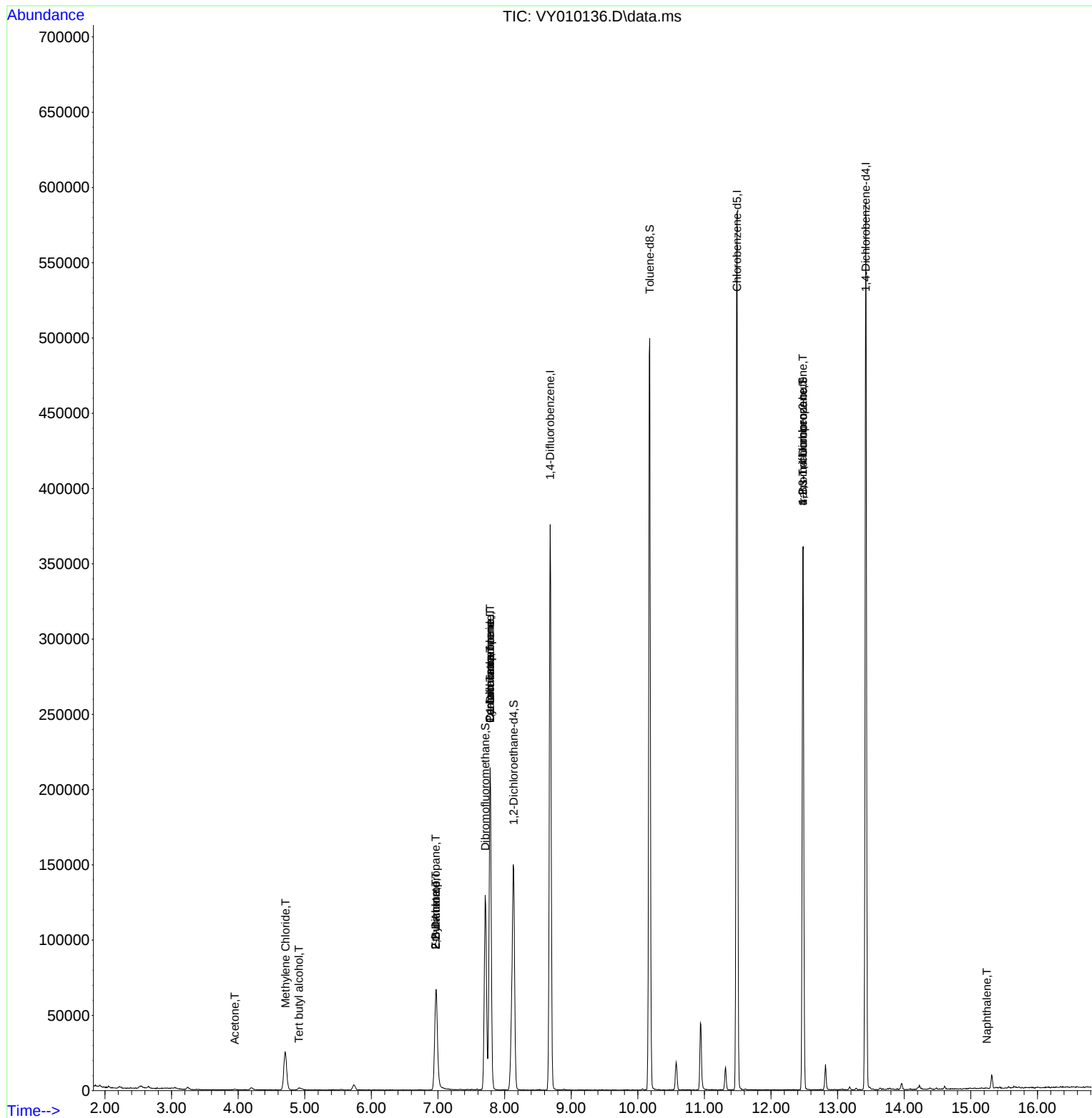
Internal Standards						
1) Pentafluorobenzene	7.783	168	169235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92795	66.942	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.880%			
35) Dibromofluoromethane	7.710	113	92550	50.250	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.500%			
50) Toluene-d8	10.179	98	338420	49.037	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.080%			
62) 4-Bromofluorobenzene	12.477	95	111260	45.122	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.911	59	856	16.162	ug/l #	73
16) Acetone	3.948	43	955	2.753	ug/l	93
20) Methylene Chloride	4.710	84	19441	2.138	ug/l	99
25) 2-Butanone	6.966	43	2957	5.299	ug/l #	70
26) 2,2-Dichloropropane	6.966	77	5147	1.969	ug/l #	50
31) Cyclohexane	7.783	56	3018	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12406	4.220	ug/l #	48
37) Ethyl Acetate	6.966	43	2957	1.981	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15849	5.141	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	54452	37.946	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	54452	76.214	ug/l #	18
95) Naphthalene	15.239	128	270	3.929	ug/l #	69

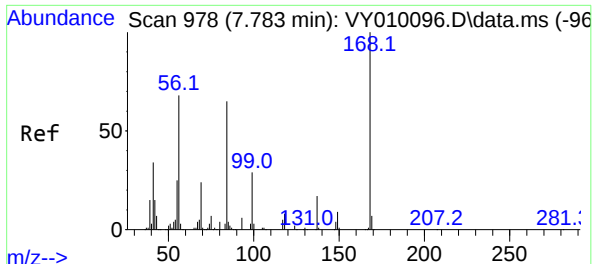
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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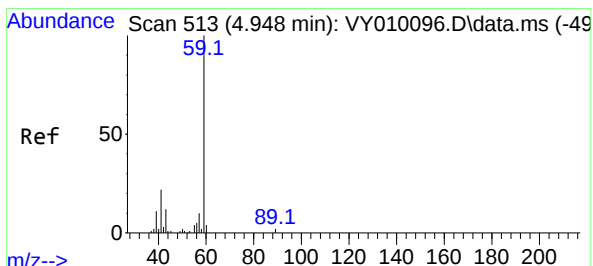
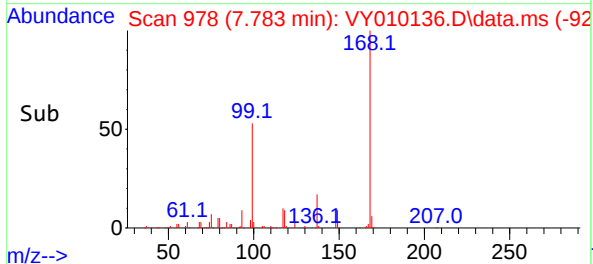
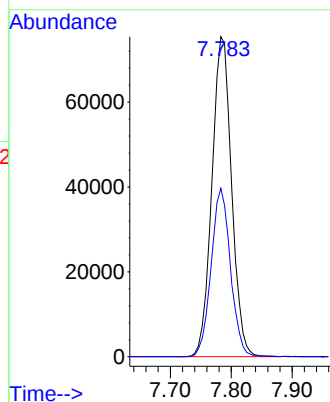
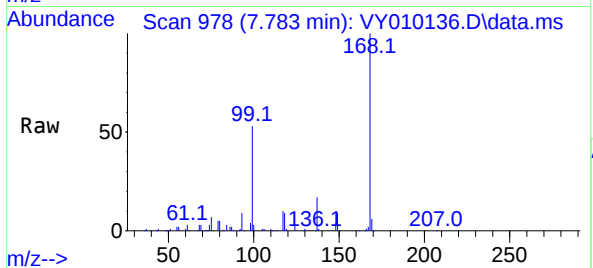




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

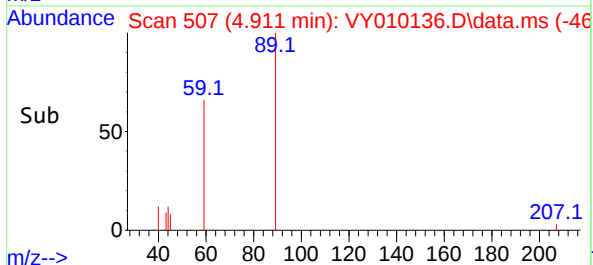
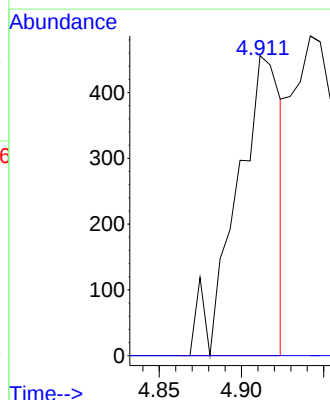
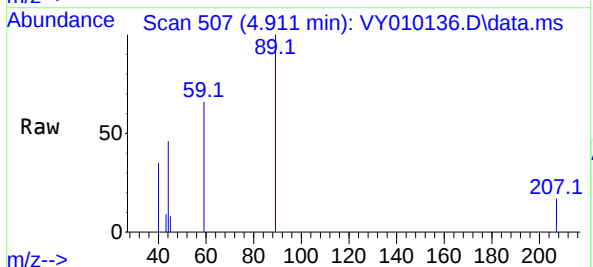
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

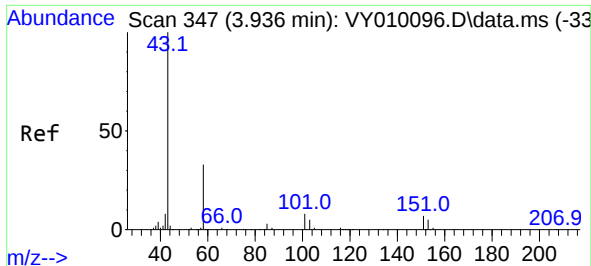
Tgt Ion:168 Resp: 169235
Ion Ratio Lower Upper
168 100
99 52.6 40.7 61.1



#11
Tert butyl alcohol
Concen: 16.162 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion: 59 Resp: 856
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

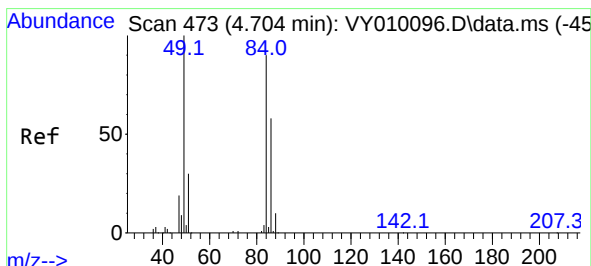
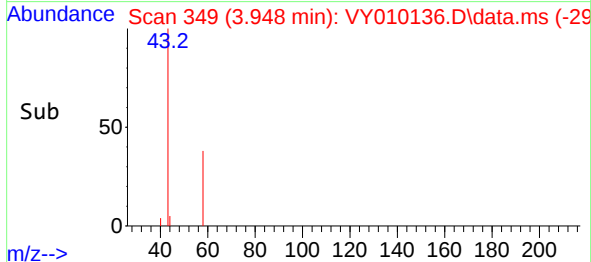
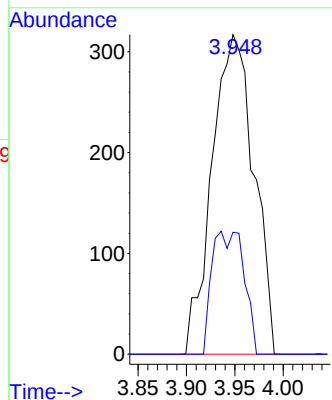
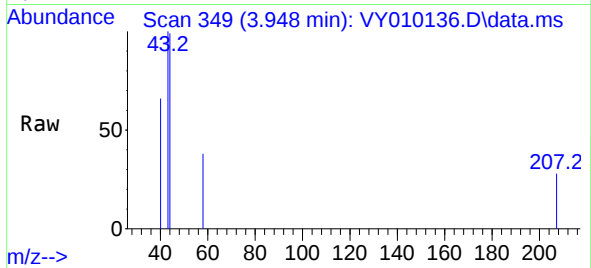




#16
Acetone
Concen: 2.753 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

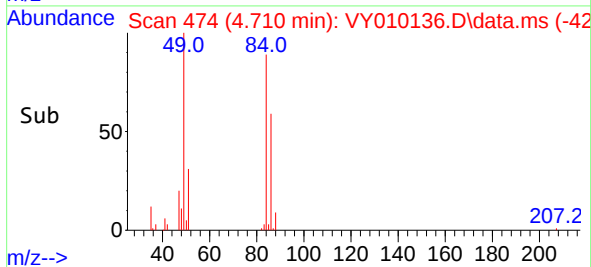
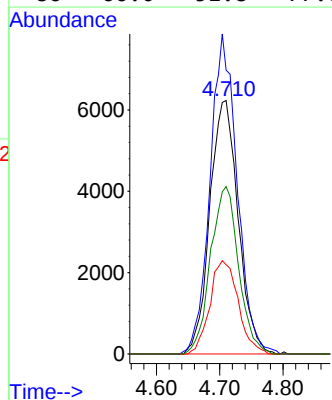
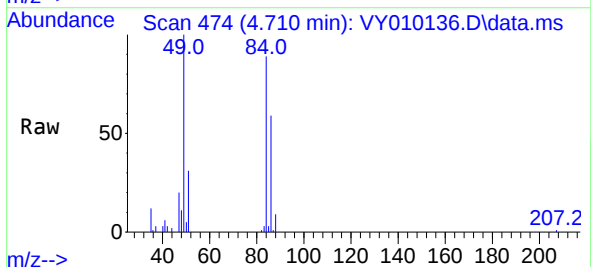
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

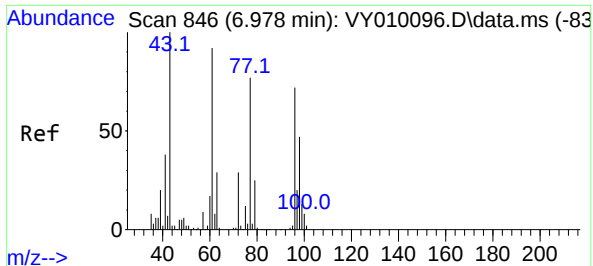
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 38.2 27.4 41.0



#20
Methylene Chloride
Concen: 2.138 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion: 84 Resp: 19441
Ion Ratio Lower Upper
84 100
49 112.0 89.0 133.4
51 35.2 27.0 40.6
86 66.0 51.8 77.6





#25

2-Butanone

Concen: 5.299 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY010136.D

Acq: 20 Aug 2022 05:10

Instrument :

MSVOA_Y

ClientSampleId :

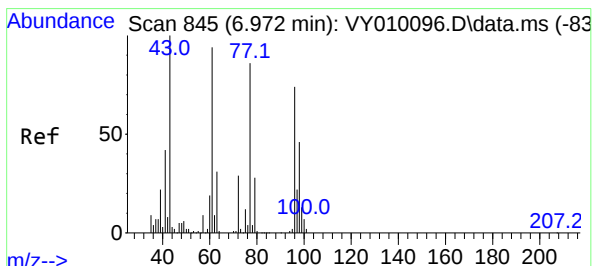
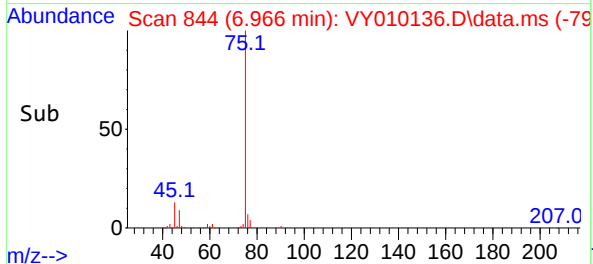
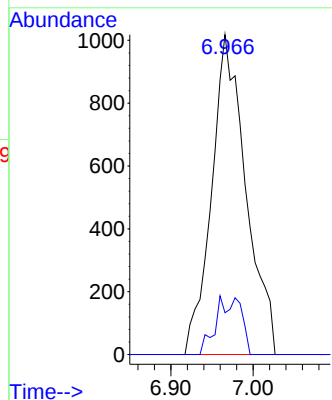
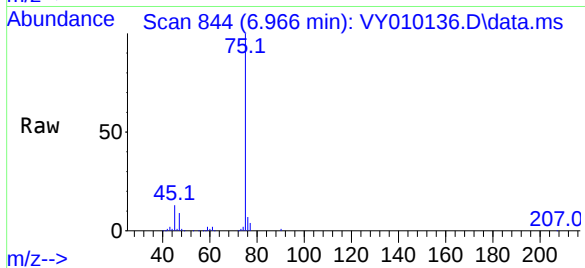
SS-4

Tgt Ion: 43 Resp: 2957

Ion Ratio Lower Upper

43 100

72 13.1 23.2 34.8#



#26

2,2-Dichloropropane

Concen: 1.969 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY010136.D

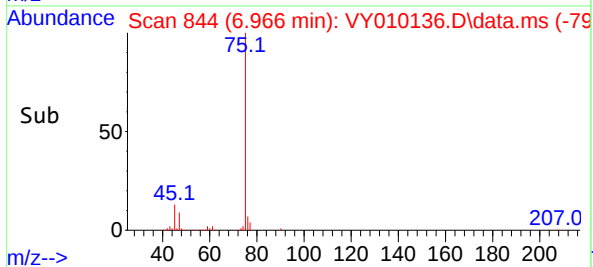
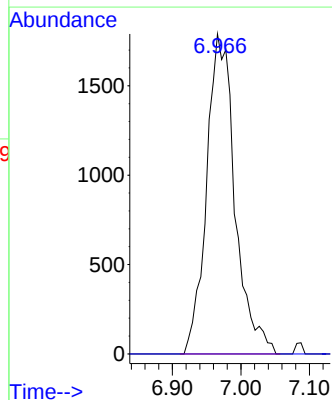
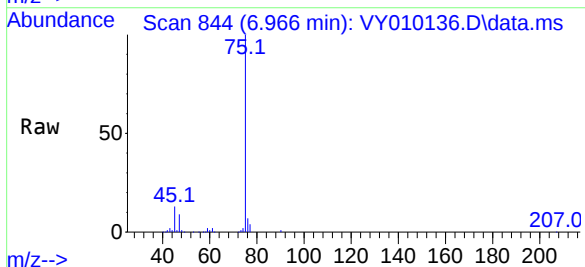
Acq: 20 Aug 2022 05:10

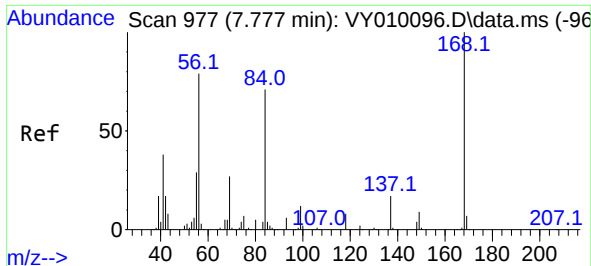
Tgt Ion: 77 Resp: 5147

Ion Ratio Lower Upper

77 100

97 0.0 12.4 37.4#

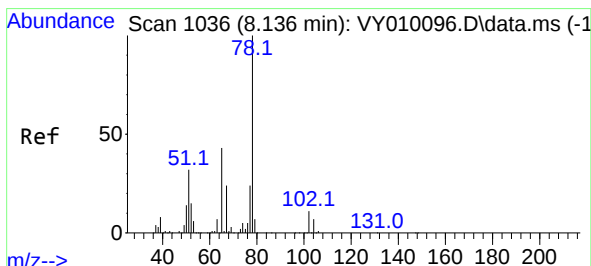
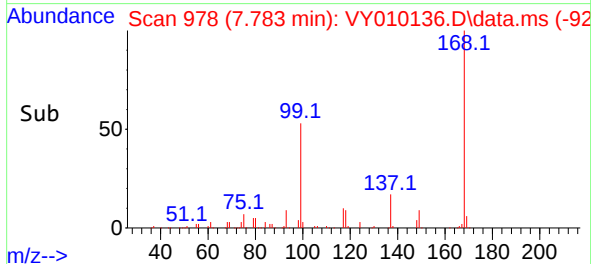
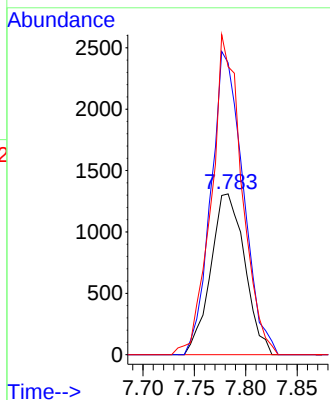
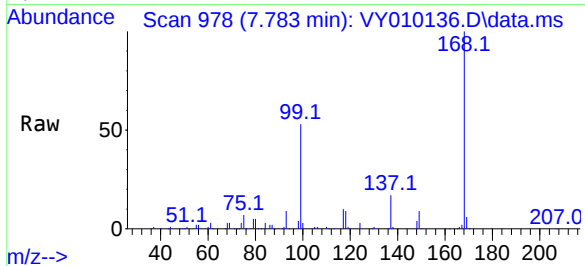




#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

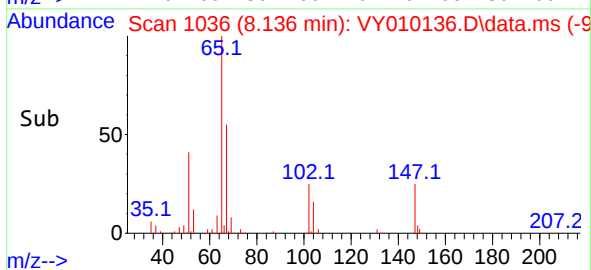
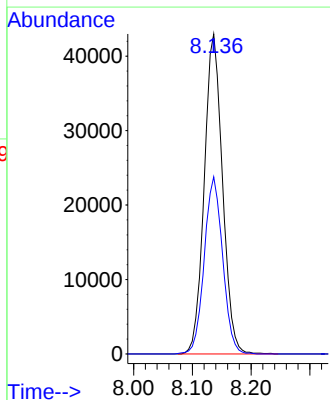
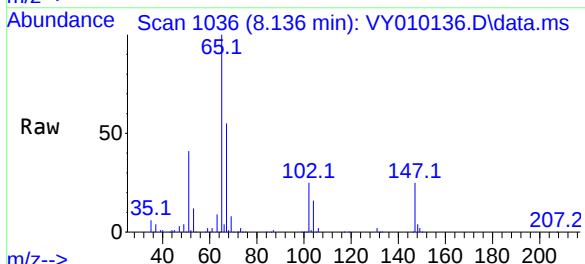
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

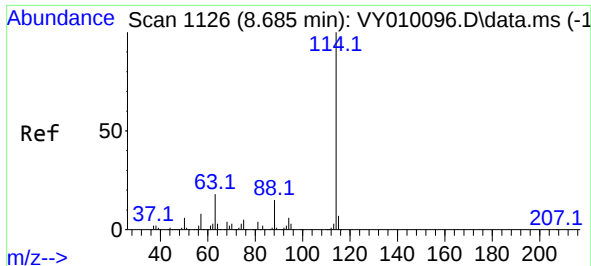
Tgt Ion: 56 Resp: 3018
Ion Ratio Lower Upper
56 100
69 181.5 27.3 40.9#
84 179.2 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 66.942 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion: 65 Resp: 92795
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.6



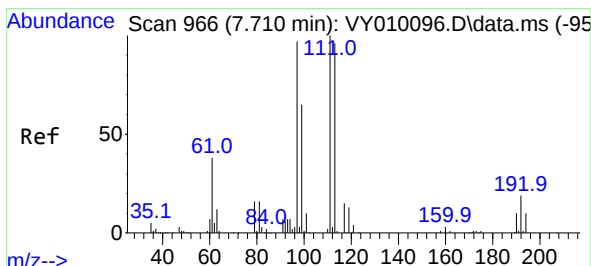
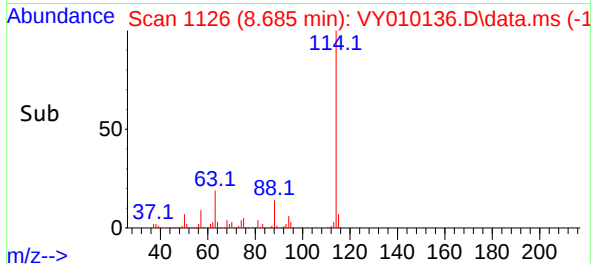
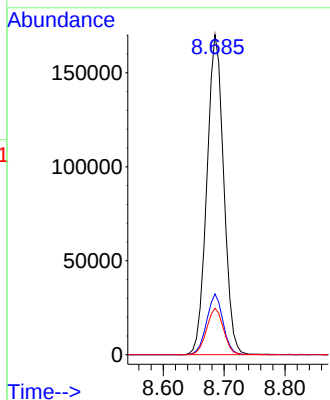
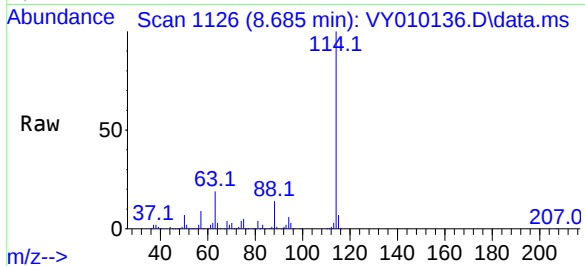


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

Tgt Ion:114 Resp: 326856

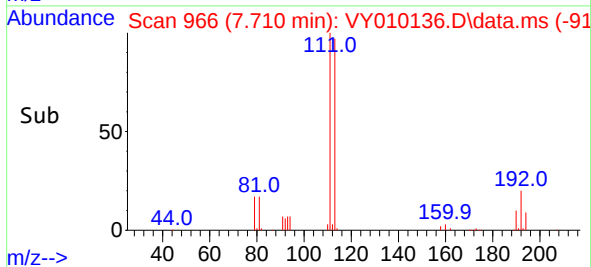
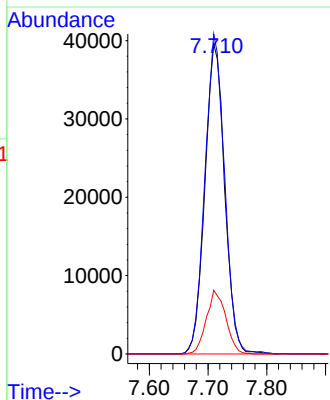
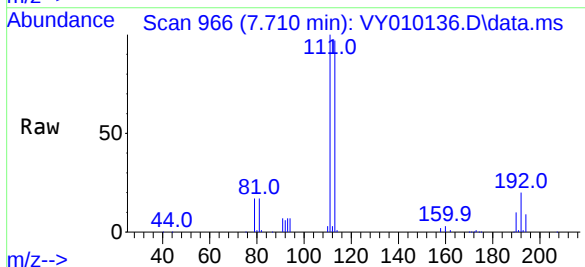
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	35.6
88	14.5	0.0	29.6

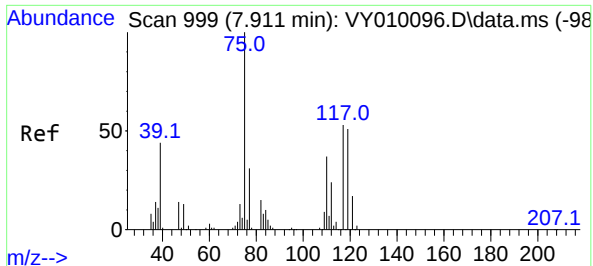


#35
Dibromofluoromethane
Concen: 50.250 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion:113 Resp: 92550

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	20.2	16.3	24.5





#36

1,1-Dichloropropene

Concen: 4.220 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010136.D

Acq: 20 Aug 2022 05:10

Instrument :

MSVOA_Y

ClientSampleId :

SS-4

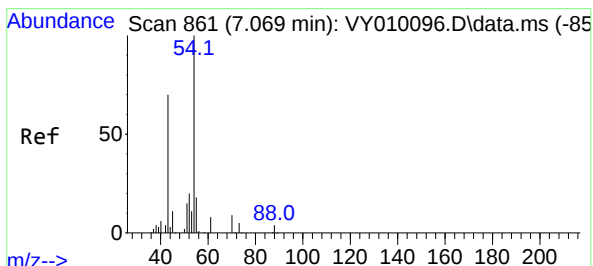
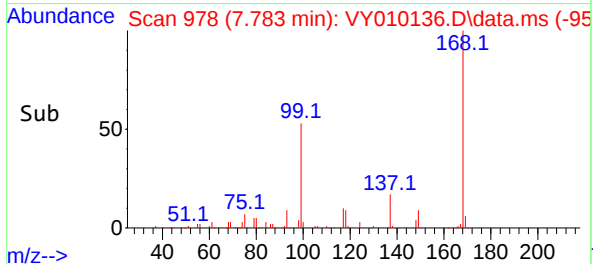
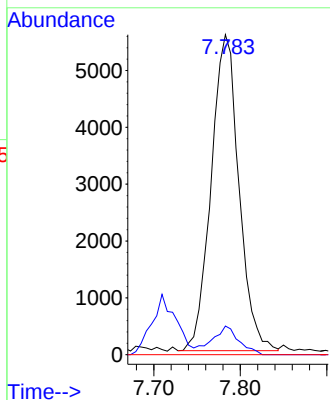
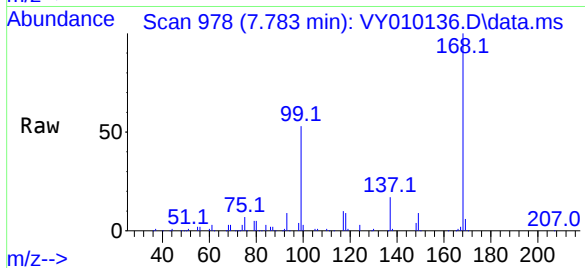
Tgt Ion: 75 Resp: 12406

Ion Ratio Lower Upper

75 100

110 8.7 18.6 56.0#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 1.981 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.103 min

Lab File: VY010136.D

Acq: 20 Aug 2022 05:10

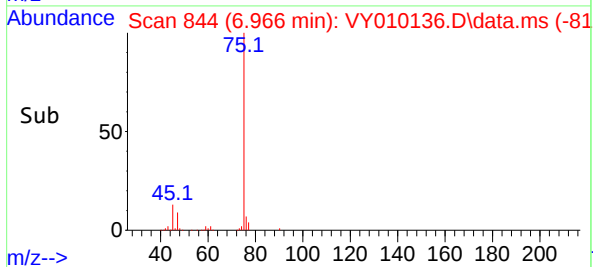
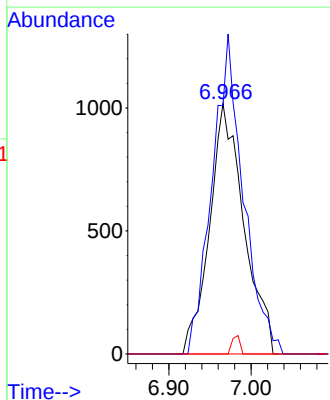
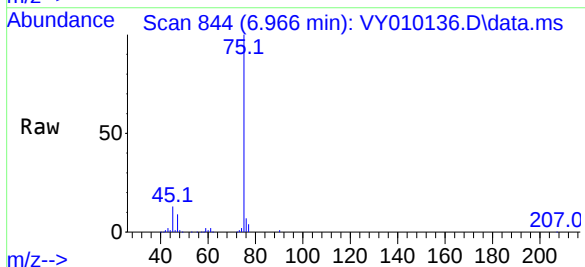
Tgt Ion: 43 Resp: 2957

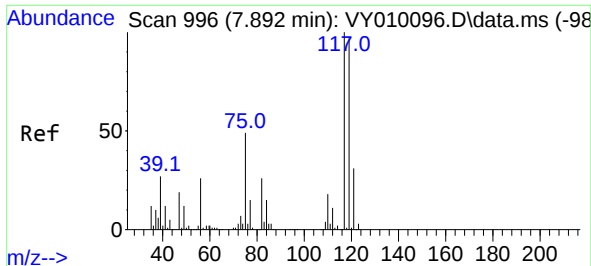
Ion Ratio Lower Upper

43 100

61 115.6 11.7 17.5#

70 1.7 9.0 13.4#

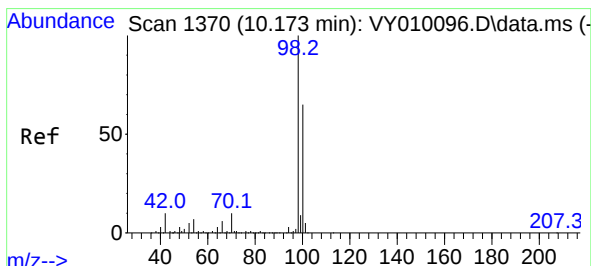
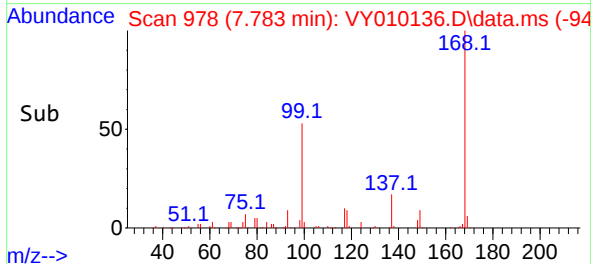
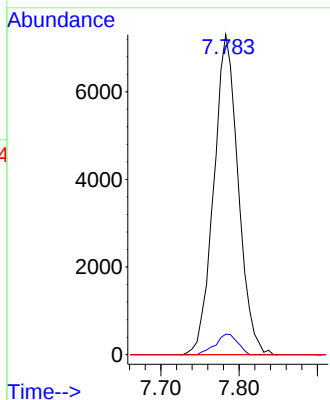
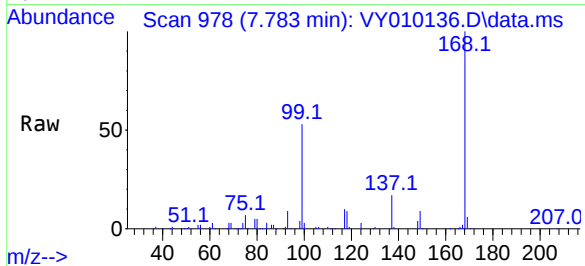




#38
Carbon Tetrachloride
Concen: 5.141 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

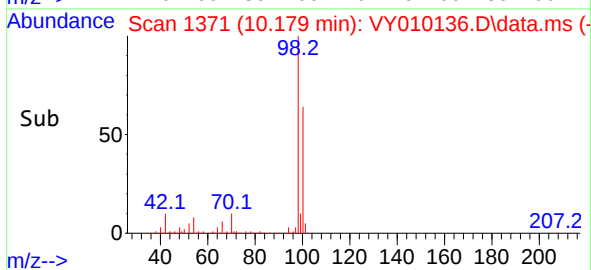
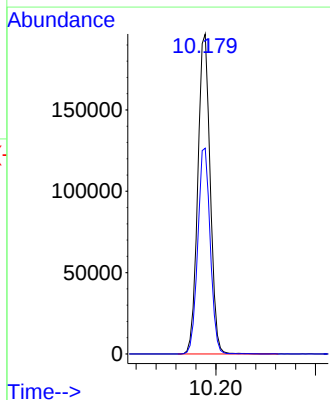
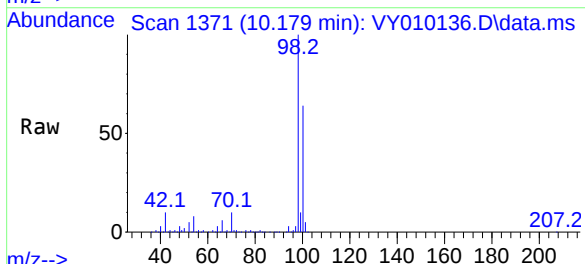
Instrument :
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ClientSampleId :
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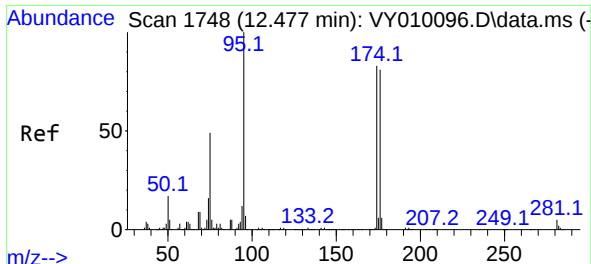
Tgt Ion:117 Resp: 15849
Ion Ratio Lower Upper
117 100
119 6.4 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.037 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion: 98 Resp: 338420
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

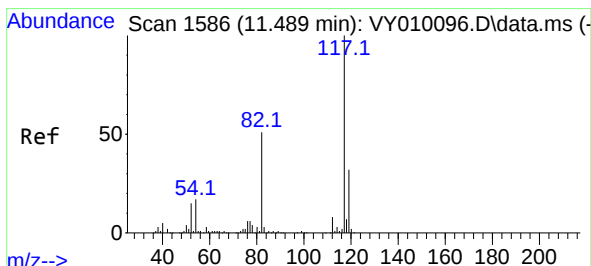
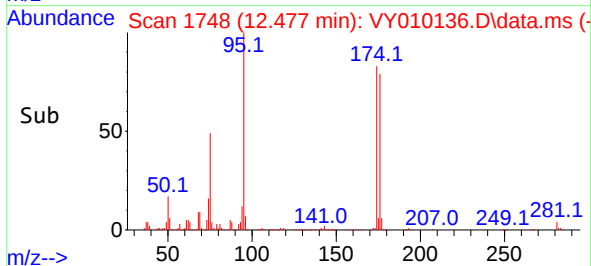
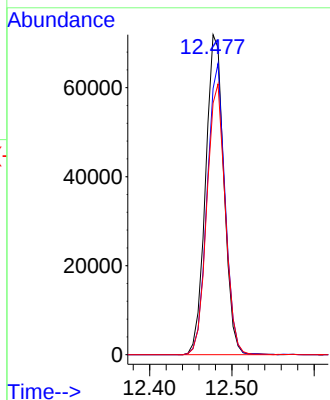
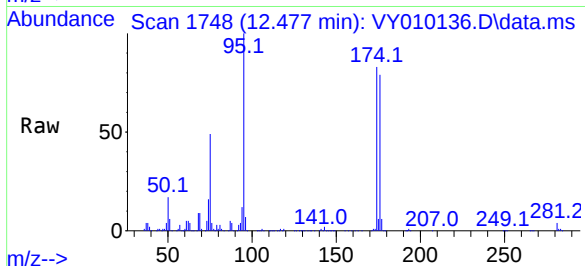




#62
4-Bromofluorobenzene
Concen: 45.122 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

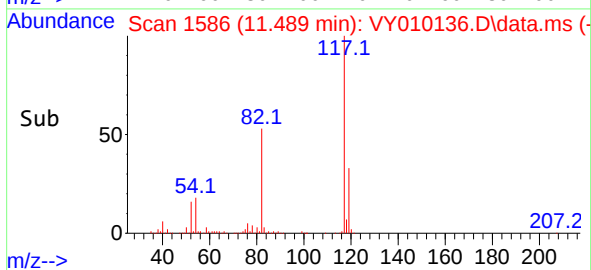
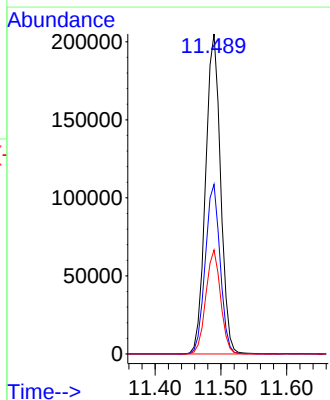
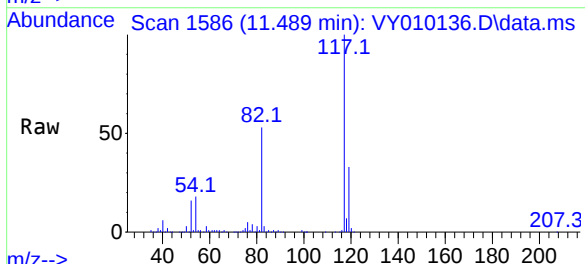
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

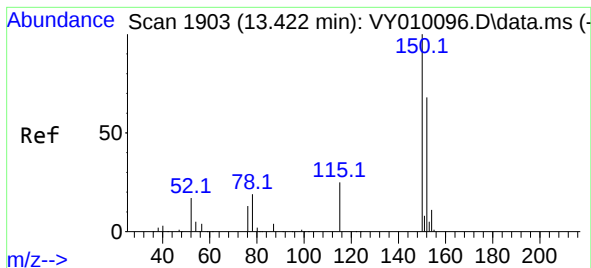
Tgt Ion: 95 Resp: 111260
Ion Ratio Lower Upper
95 100
174 88.8 0.0 173.8
176 84.6 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion: 117 Resp: 326054
Ion Ratio Lower Upper
117 100
82 53.0 40.6 61.0
119 32.5 25.8 38.8

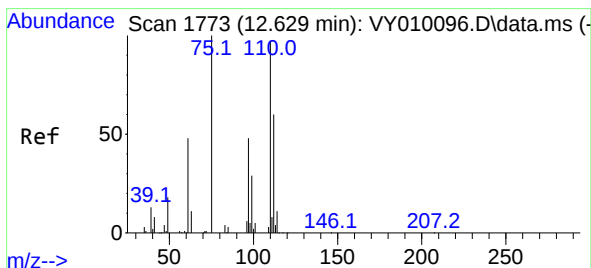
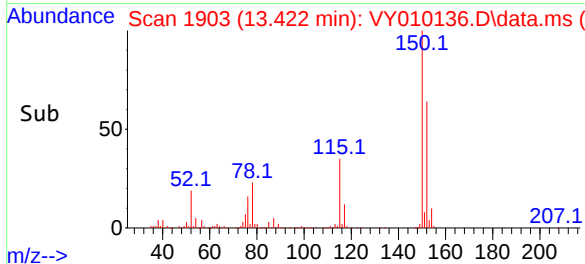
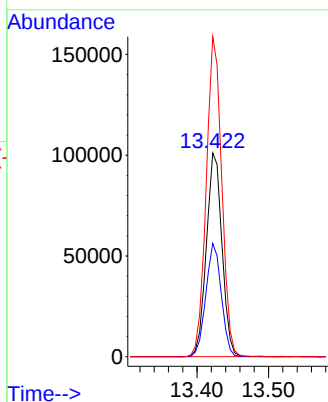
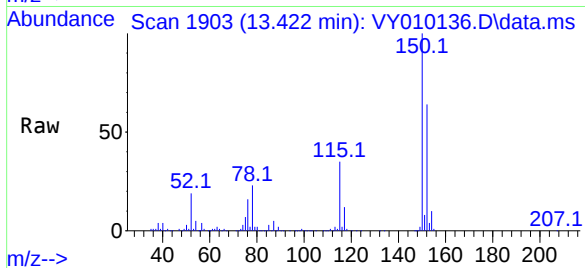




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

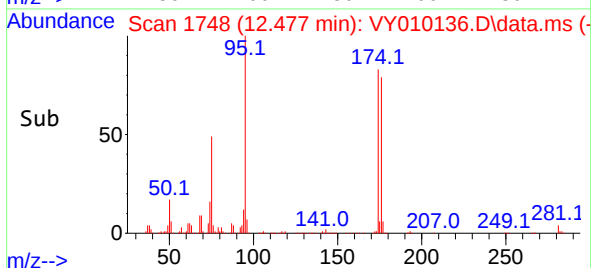
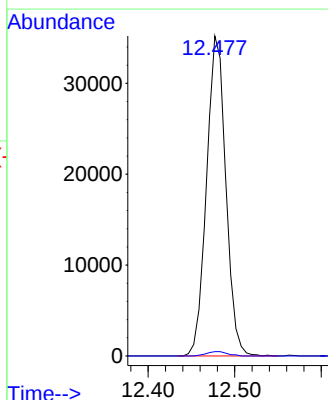
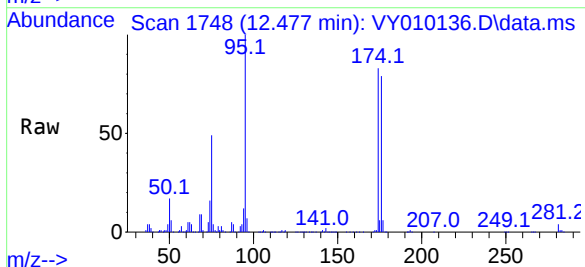
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

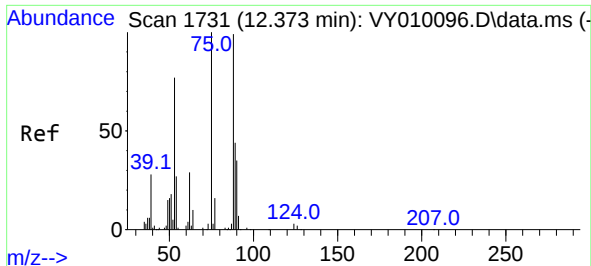
Tgt Ion:152 Resp: 153226
Ion Ratio Lower Upper
152 100
115 55.1 28.1 84.2
150 155.6 0.0 346.2



#76
1,2,3-Trichloropropane
Concen: 37.946 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion: 75 Resp: 54452
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

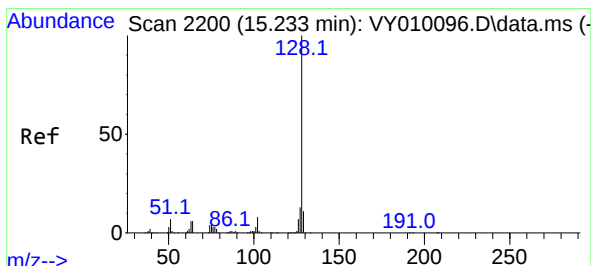
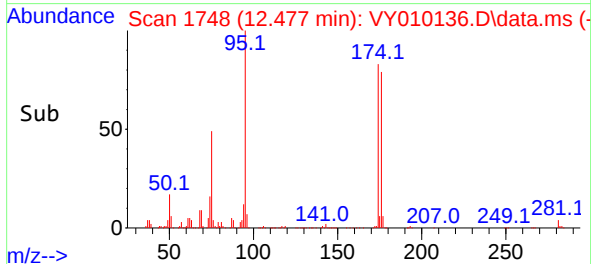
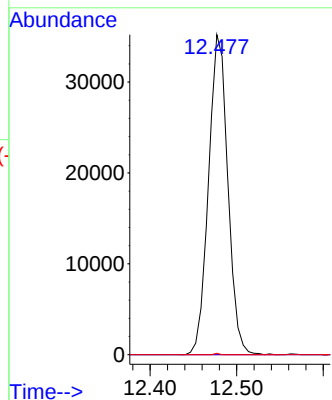
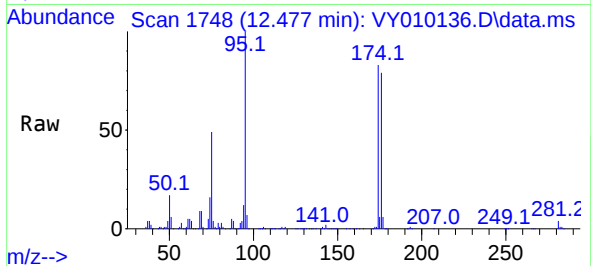




#81
trans-1,4-Dichloro-2-butene
Concen: 76.214 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

Tgt Ion: 75 Resp: 54452
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.1 36.8 55.2#



#95
Naphthalene
Concen: 3.929 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion: 128 Resp: 270
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

