

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010079.D
 Acq On : 17 Aug 2022 19:22
 Operator : KP/MD
 Sample : N4124-03
 Misc : 12.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SSP3

Quant Time: Aug 18 08:23:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

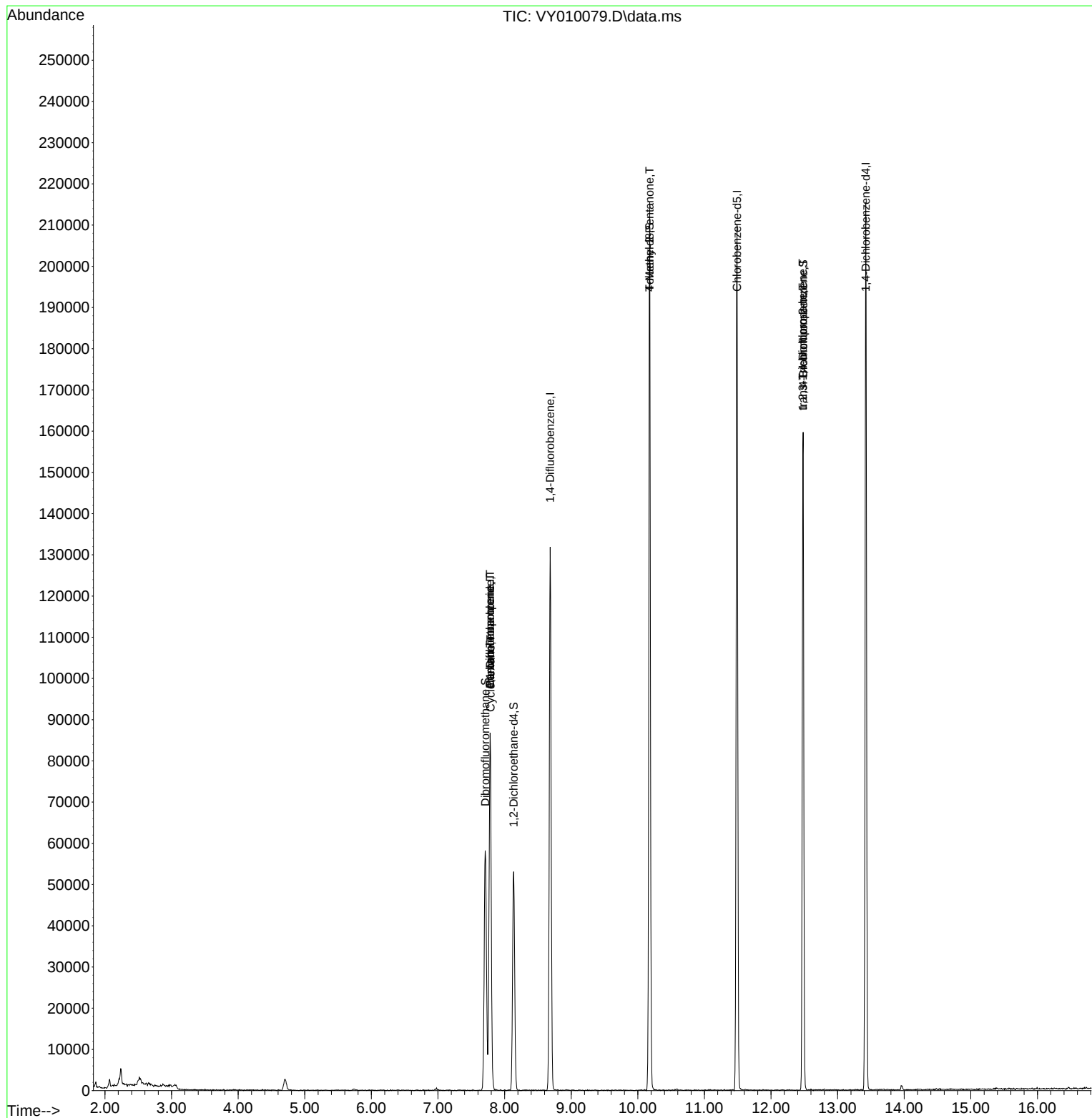
Internal Standards						
1) Pentafluorobenzene	7.783	168	70620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	116847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	117460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43233	61.227	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.460%			
35) Dibromofluoromethane	7.710	113	40567	53.536	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.080%			
50) Toluene-d8	10.179	98	133436	47.596	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.200%			
62) 4-Bromofluorobenzene	12.483	95	46475	47.198	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.400%			
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	2116	Below Cal		86
31) Cyclohexane	7.789	56	1299	1.302 ug/l #		49
36) 1,1-Dichloropropene	7.783	75	4398	4.166 ug/l #		52
38) Carbon Tetrachloride	7.783	117	6718	5.175 ug/l #		17
51) 4-Methyl-2-Pentanone	10.179	43	565	1.015 ug/l #		1
76) 1,2,3-Trichloropropane	12.477	75	23635	43.966 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	23635	99.359 ug/l #		12

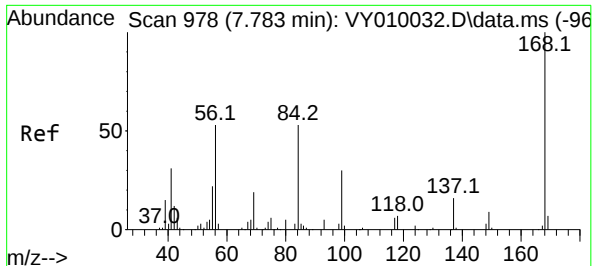
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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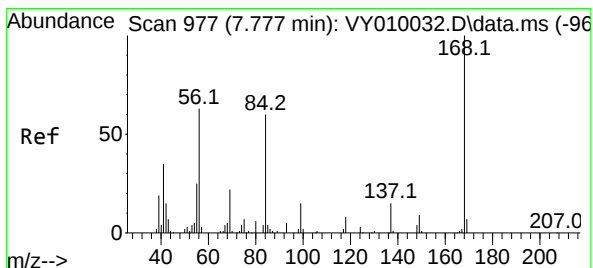
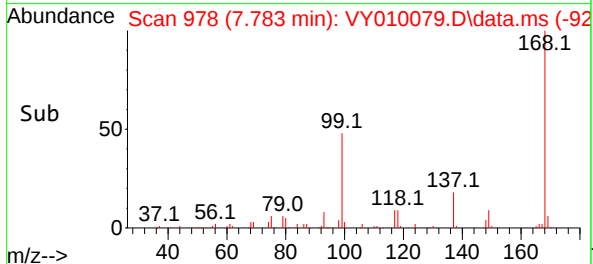
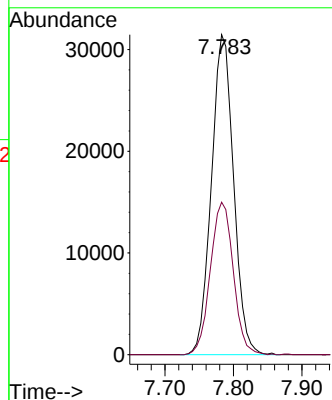
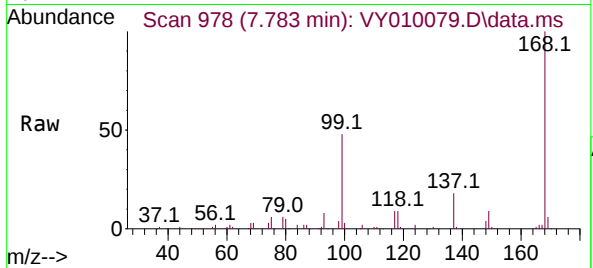




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

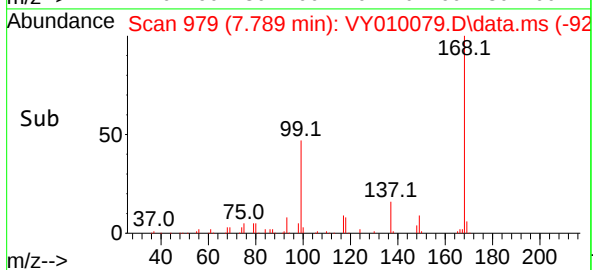
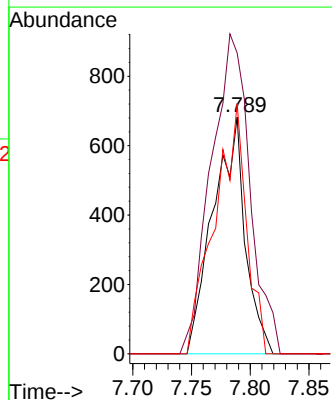
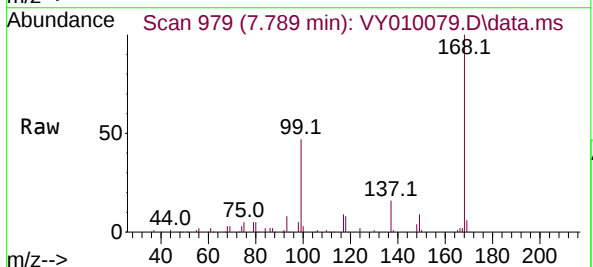
Instrument :
MSVOA_Y
ClientSampleId :
SSP3

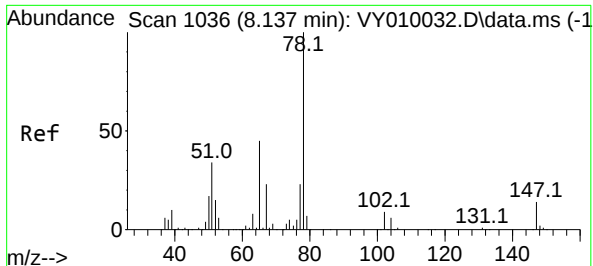
Tgt Ion:168 Resp: 70620
Ion Ratio Lower Upper
168 100
99 47.7 37.7 56.5



#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

Tgt Ion: 56 Resp: 1299
Ion Ratio Lower Upper
56 100
69 127.1 28.6 43.0#
84 105.9 76.0 114.0





#33

1,2-Dichloroethane-d4

Concen: 61.227 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY010079.D

Acq: 17 Aug 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

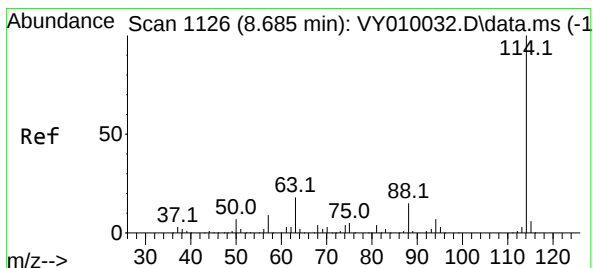
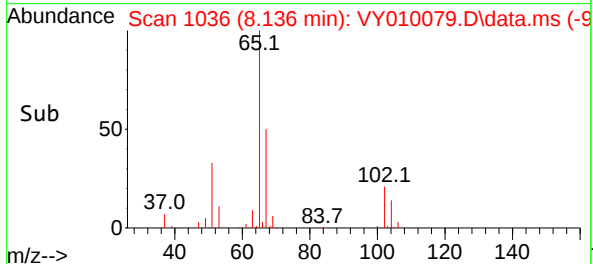
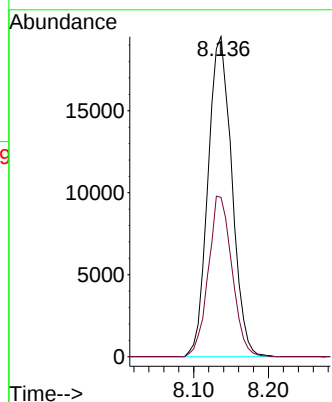
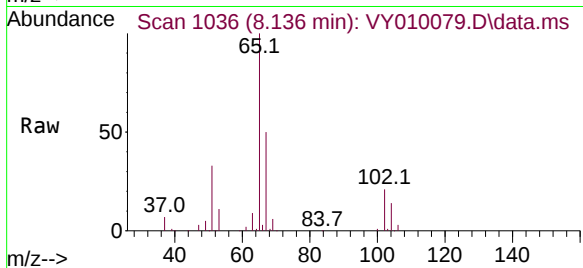
SSP3

Tgt Ion: 65 Resp: 43233

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010079.D

Acq: 17 Aug 2022 19:22

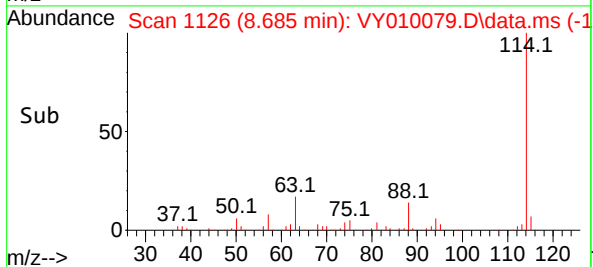
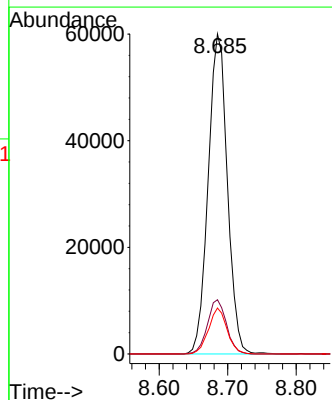
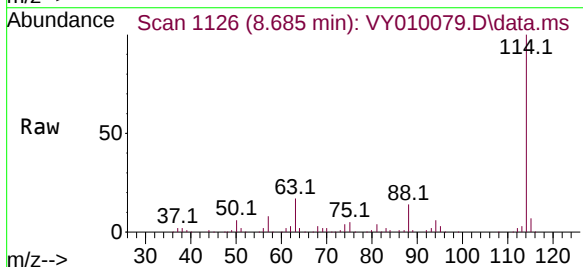
Tgt Ion:114 Resp: 116847

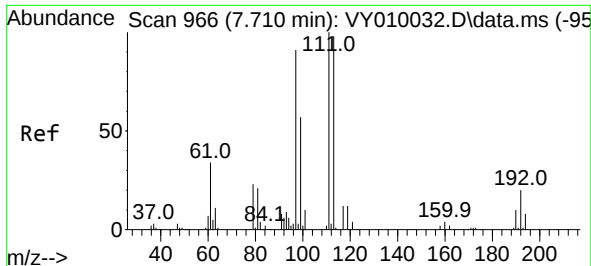
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.2

88 14.4 0.0 30.2

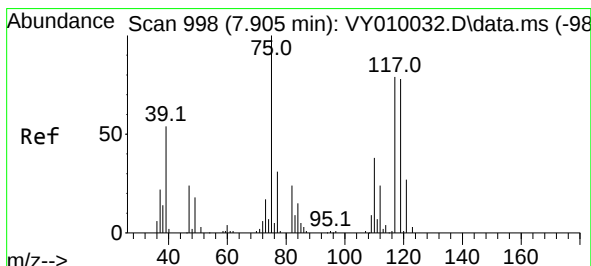
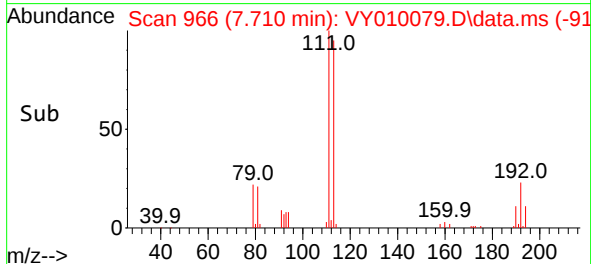
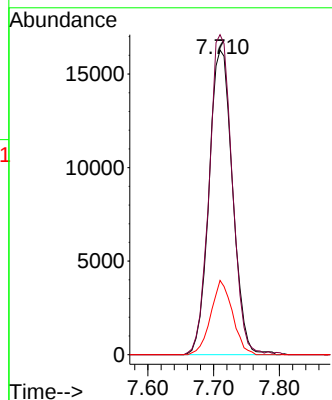
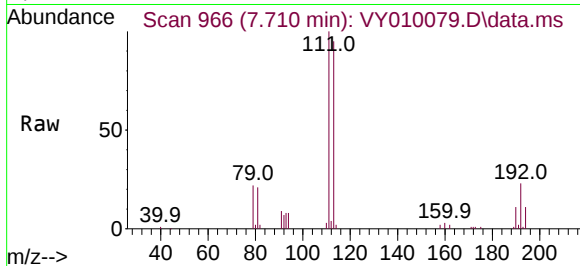




#35
Dibromofluoromethane
Concen: 53.536 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

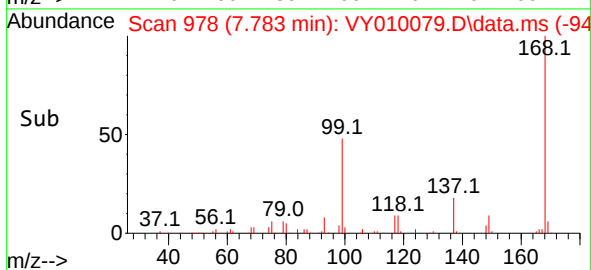
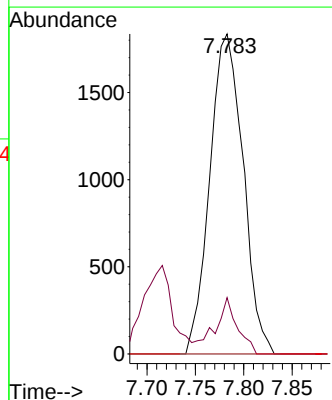
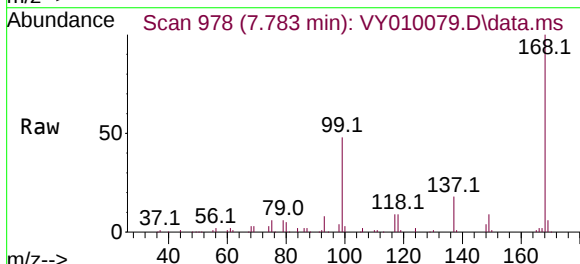
Instrument :
MSVOA_Y
ClientSampleId :
SSP3

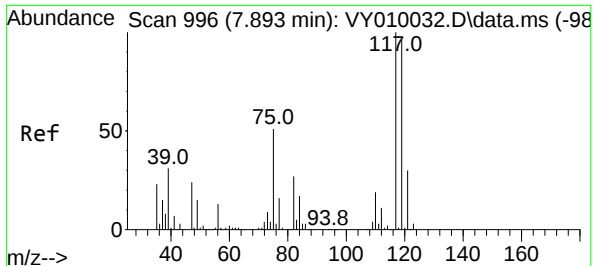
Tgt Ion:113 Resp: 40567
Ion Ratio Lower Upper
113 100
111 103.1 82.7 124.1
192 22.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.166 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

Tgt Ion: 75 Resp: 4398
Ion Ratio Lower Upper
75 100
110 12.1 18.4 55.4#
77 0.0 24.6 36.8#

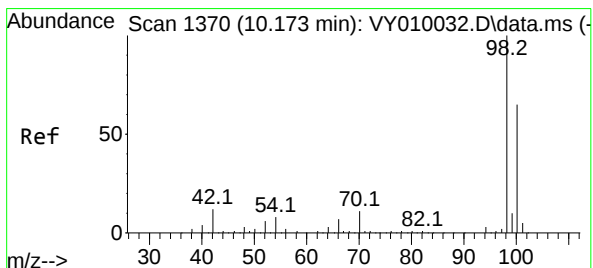
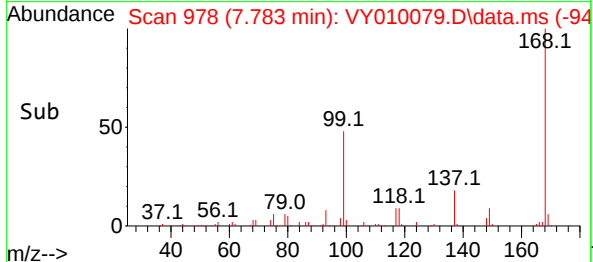
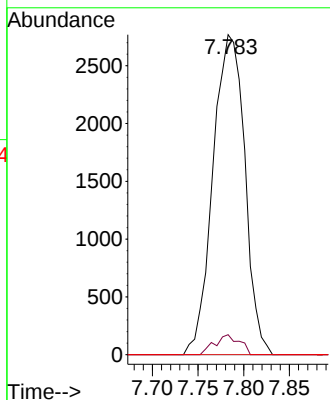
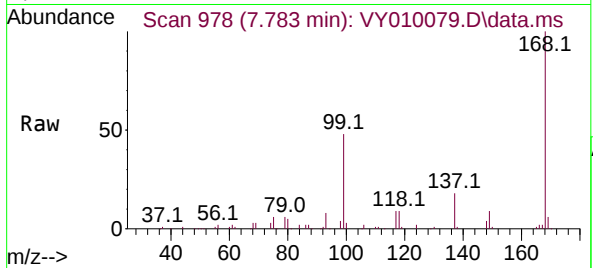




#38
Carbon Tetrachloride
Concen: 5.175 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

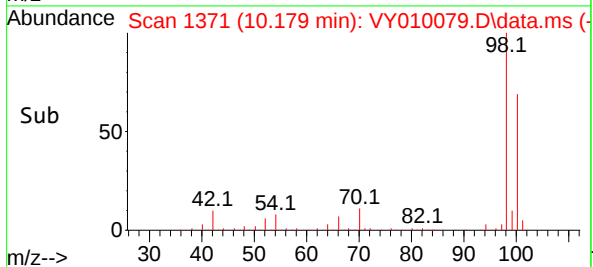
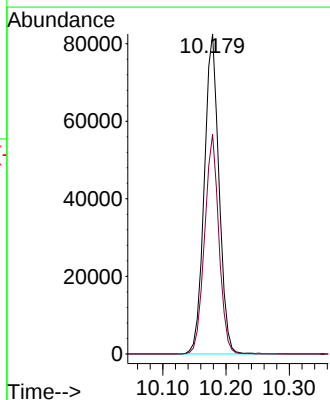
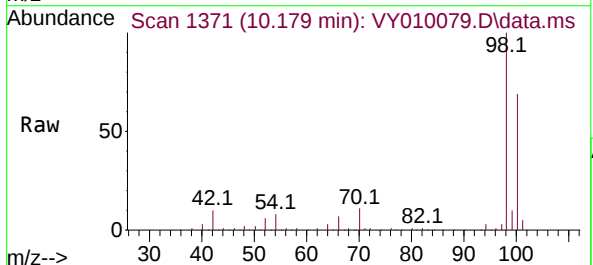
Instrument :
MSVOA_Y
ClientSampleId :
SSP3

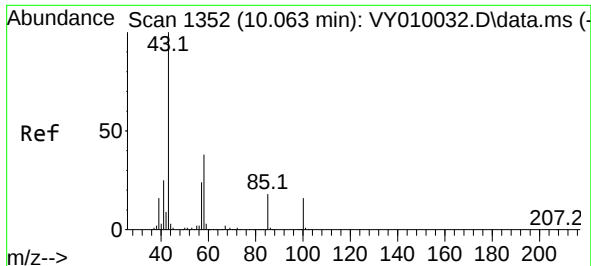
Tgt Ion:117 Resp: 6718
Ion Ratio Lower Upper
117 100
119 6.2 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.596 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

Tgt Ion: 98 Resp: 133436
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1

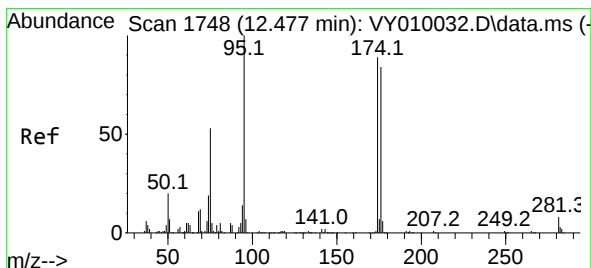
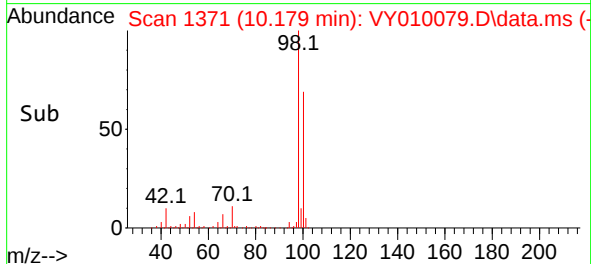
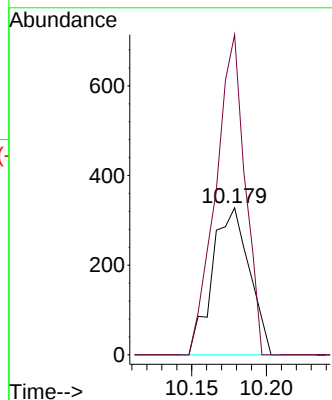
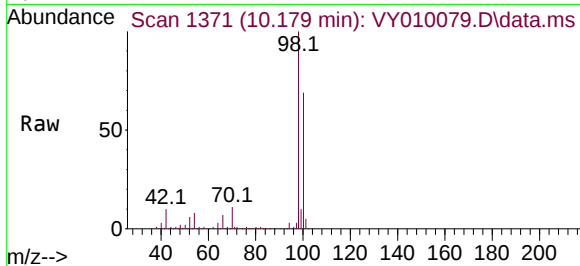




#51
4-Methyl-2-Pentanone
Concen: 1.015 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

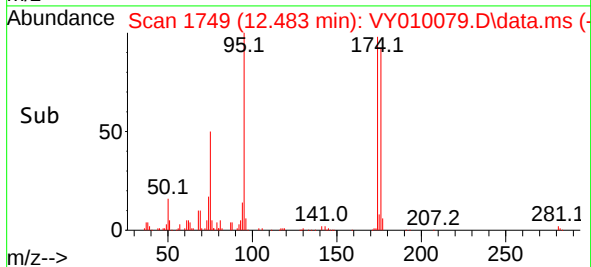
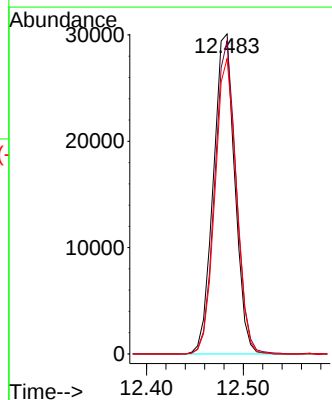
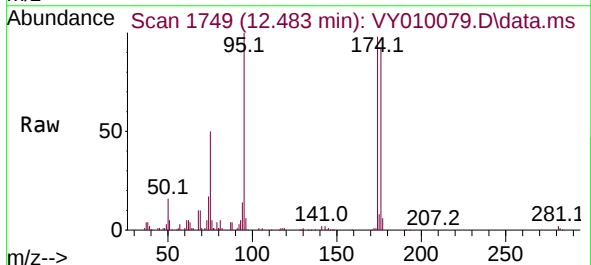
Instrument :
MSVOA_Y
ClientSampleId :
SSP3

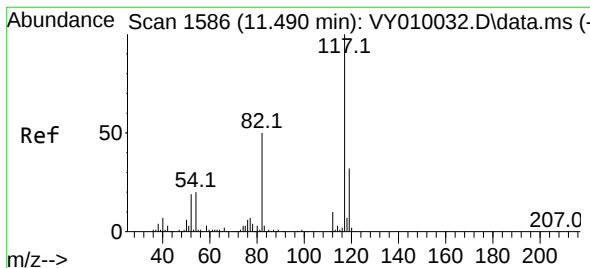
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 172.2 29.8 44.8#



#62
4-Bromofluorobenzene
Concen: 47.198 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

Tgt Ion: 95 Resp: 46475
Ion Ratio Lower Upper
95 100
174 97.3 0.0 184.2
176 92.2 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY010079.D

Acq: 17 Aug 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

SSP3

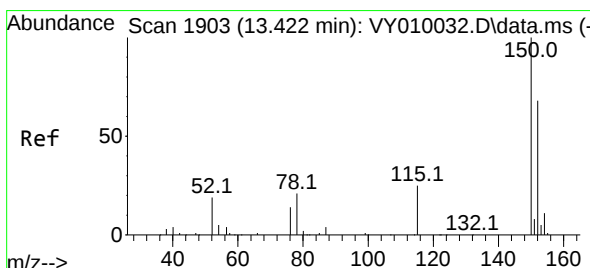
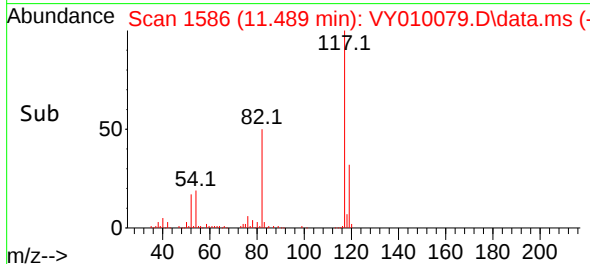
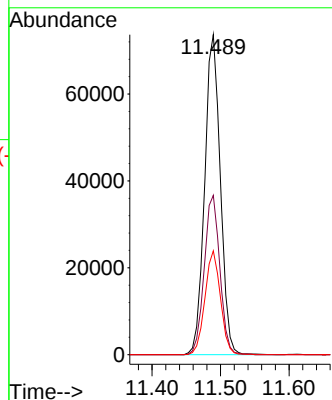
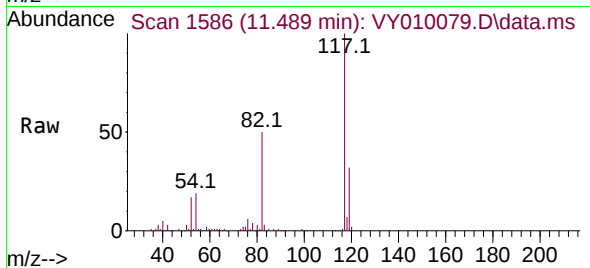
Tgt Ion:117 Resp: 117460

Ion Ratio Lower Upper

117 100

82 49.8 39.8 59.6

119 32.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010079.D

Acq: 17 Aug 2022 19:22

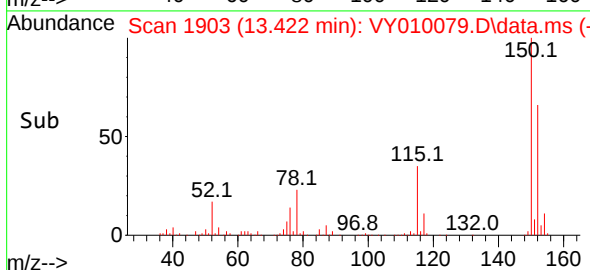
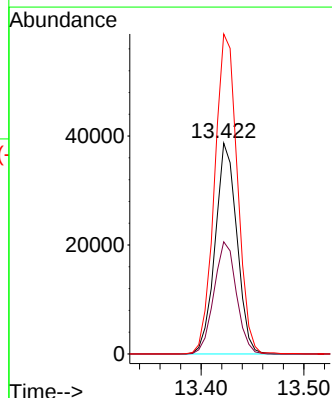
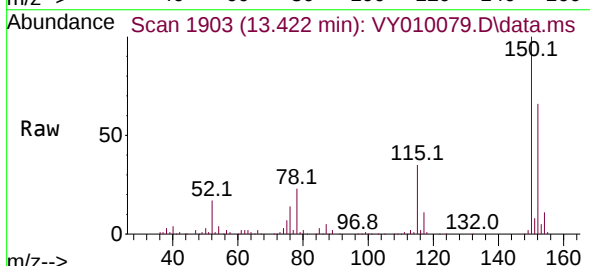
Tgt Ion:152 Resp: 56712

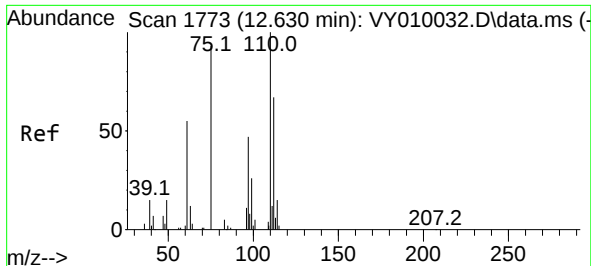
Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.3

150 159.5 0.0 346.6

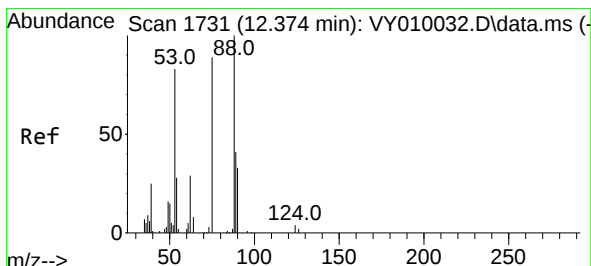
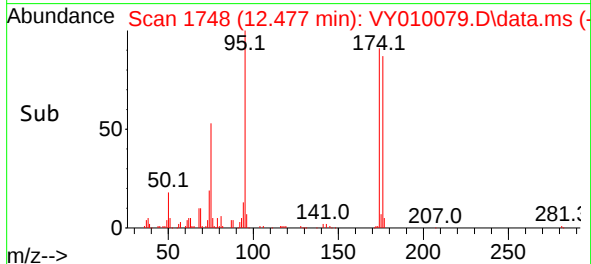
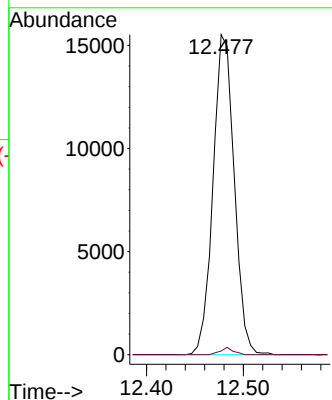
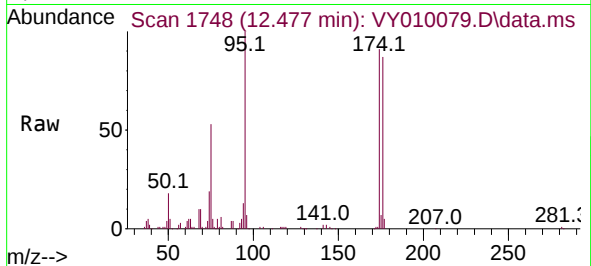




#76
1,2,3-Trichloropropane
Concen: 43.966 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

Instrument :
MSVOA_Y
ClientSampleId :
SSP3

Tgt Ion: 75 Resp: 23635
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.359 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010079.D
Acq: 17 Aug 2022 19:22

Tgt Ion: 75 Resp: 23635
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 37.8 56.6#

