

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010438.D
 Acq On : 09 Sep 2022 23:13
 Operator : KP/MD
 Sample : N4509-05
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_116D-20220902

Quant Time: Sep 12 03:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

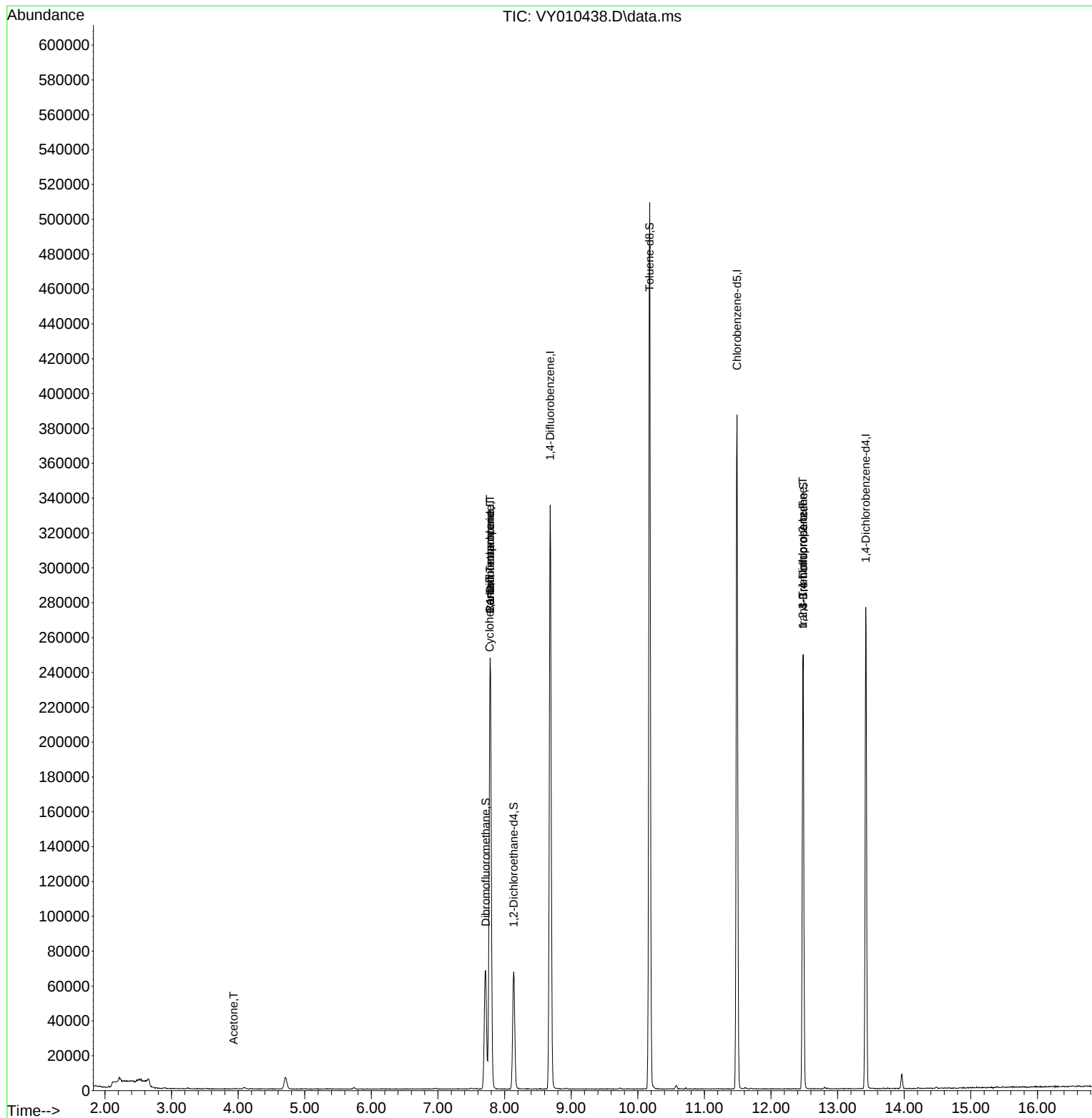
Internal Standards						
1) Pentafluorobenzene	7.783	168	200840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53204	26.302	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	52.600%		
35) Dibromofluoromethane	7.716	113	49518	23.571	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	47.140%#		
50) Toluene-d8	10.179	98	335105	49.218	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.483	95	76608	25.352	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	50.700%		
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	76	Below Cal	#	43
16) Acetone	3.930	43	570	1.228	ug/l #	47
20) Methylene Chloride	4.704	84	4994	Below Cal	#	82
31) Cyclohexane	7.777	56	3975	1.163	ug/l #	12
36) 1,1-Dichloropropene	7.783	75	14622	5.084	ug/l #	51
38) Carbon Tetrachloride	7.783	117	19595	6.124	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	38856	47.822	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38856	106.181	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
Data File : VY010438.D
Acq On : 09 Sep 2022 23:13
Operator : KP/MD
Sample : N4509-05
Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

Quant Time: Sep 12 03:02:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 09 17:08:30 2022
Response via : Initial Calibration

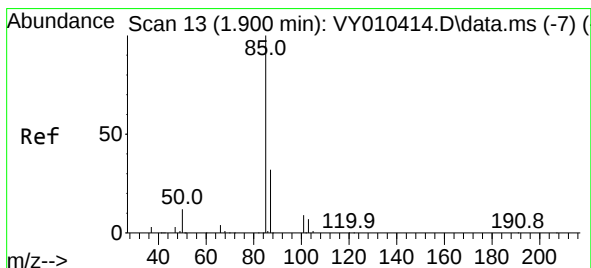
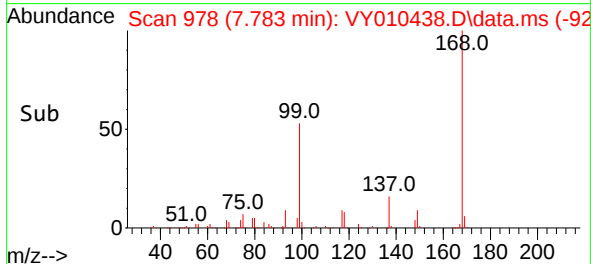
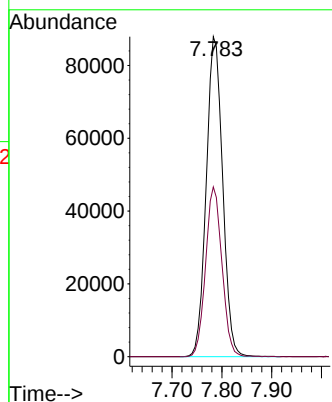
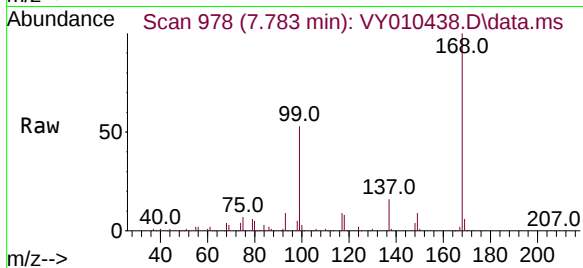




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

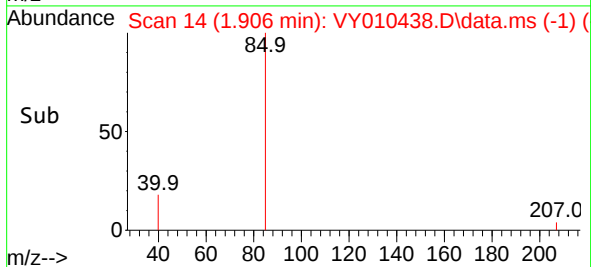
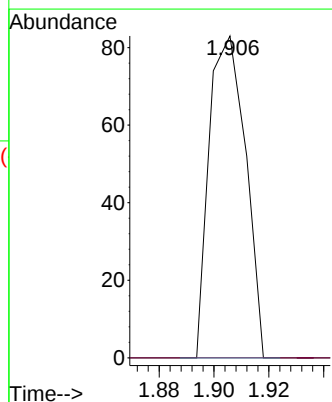
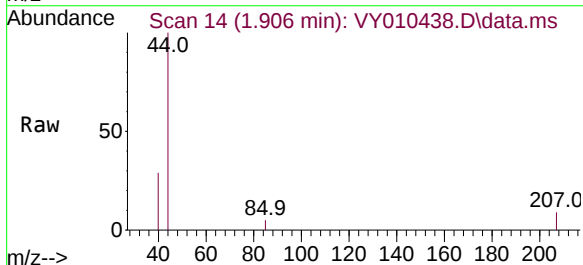
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

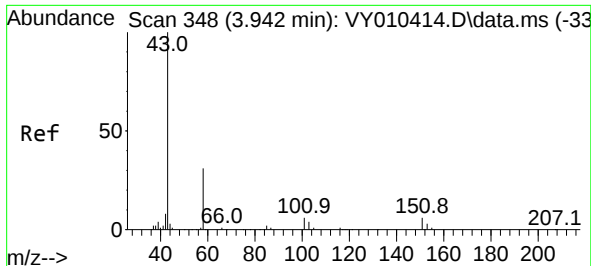
Tgt Ion:168 Resp: 200840
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion: 85 Resp: 76
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

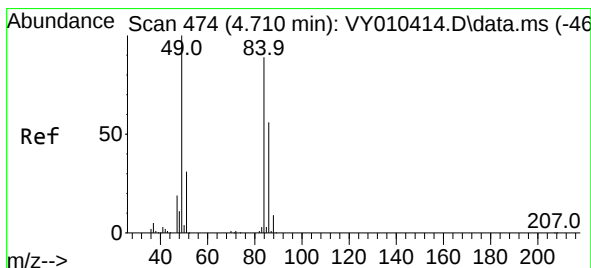
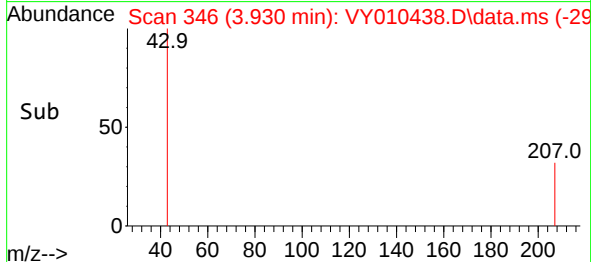
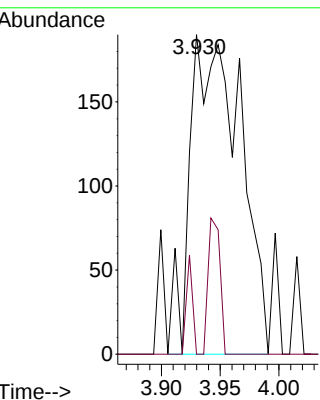
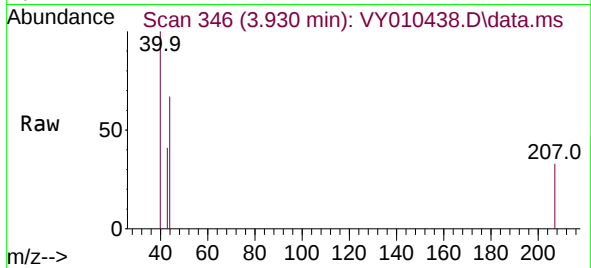




#16
Acetone
Concen: 1.228 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

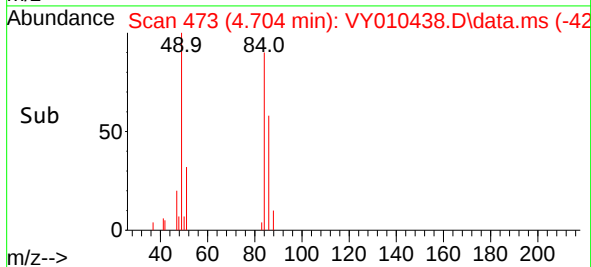
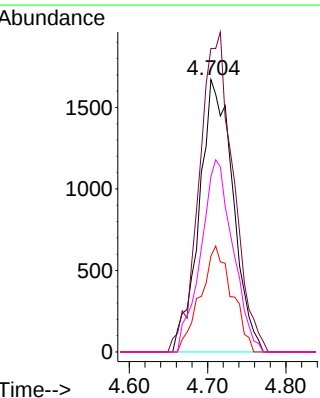
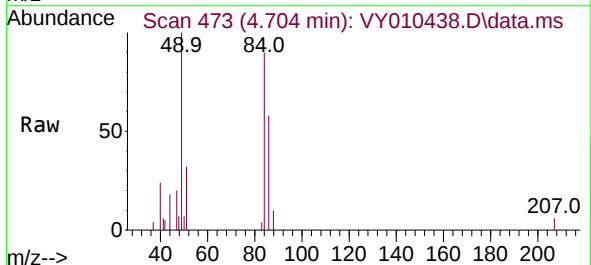
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

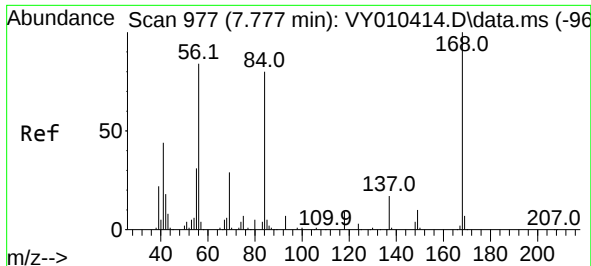
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion: 84 Resp: 4994
Ion Ratio Lower Upper
84 100
49 111.4 114.4 171.6#
51 35.2 35.3 52.9#
86 64.5 53.7 80.5

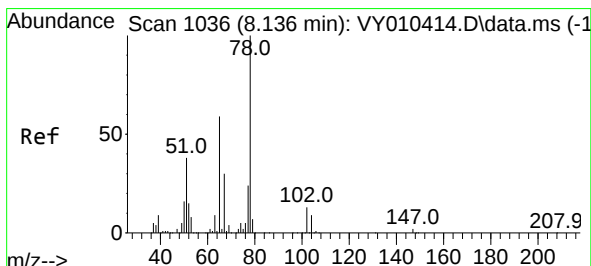
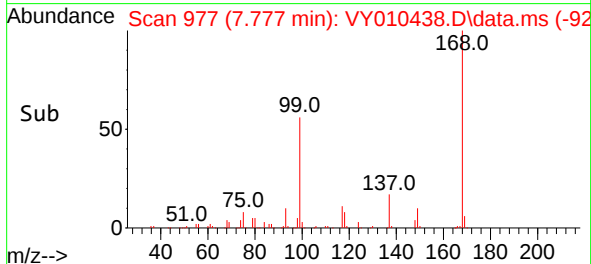
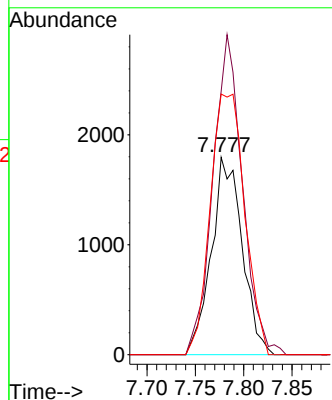
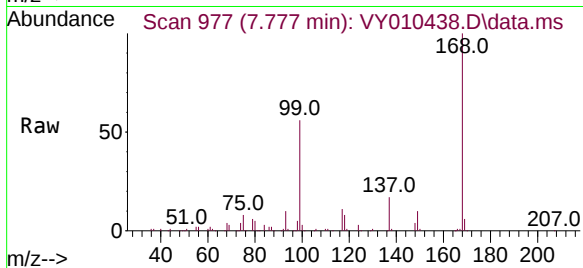




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

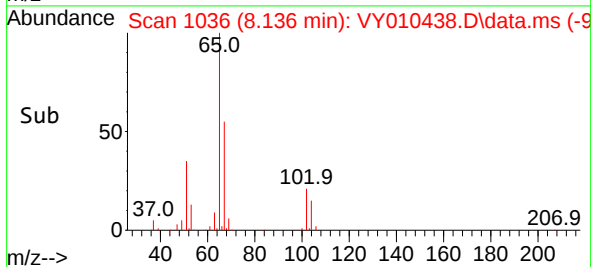
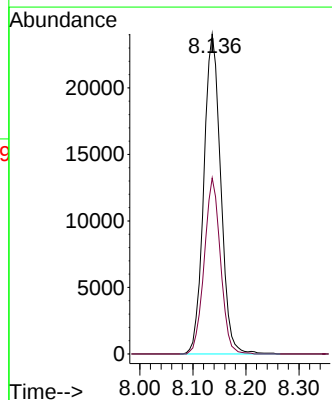
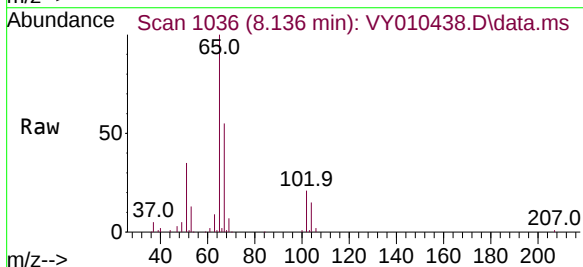
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

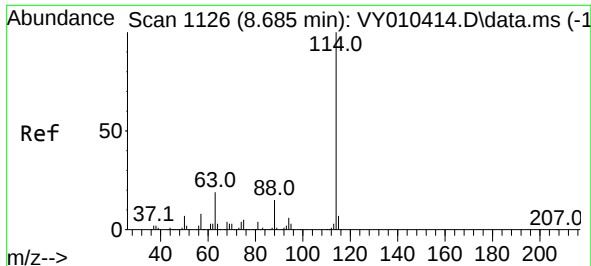
Tgt Ion: 56 Resp: 3975
Ion Ratio Lower Upper
56 100
69 133.5 26.7 40.1#
84 132.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 26.302 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion: 65 Resp: 53204
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

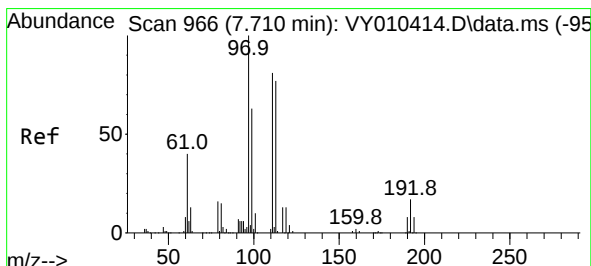
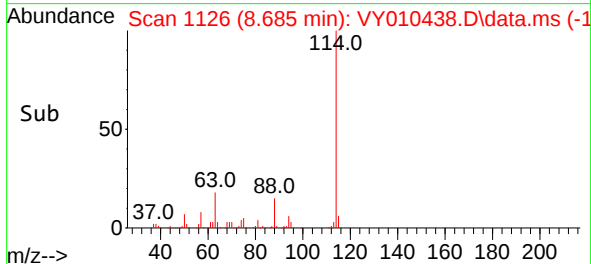
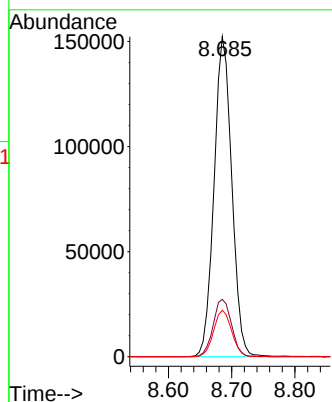
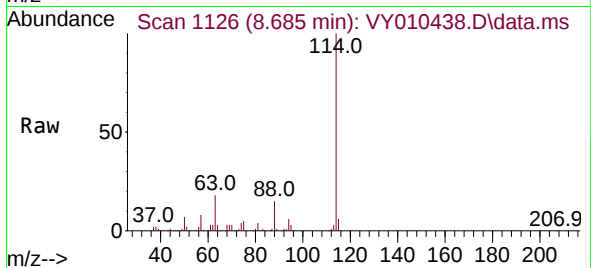




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

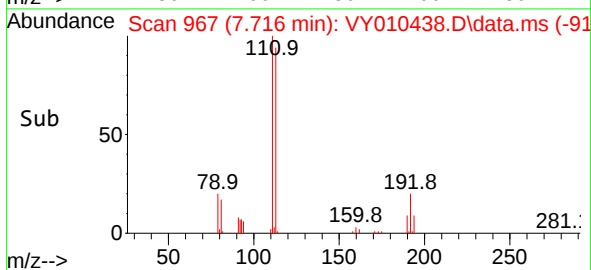
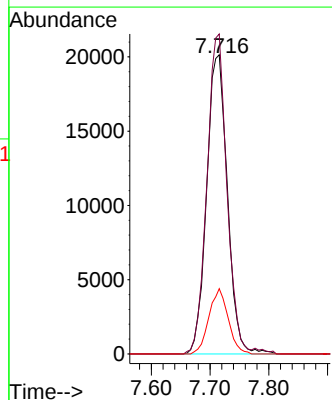
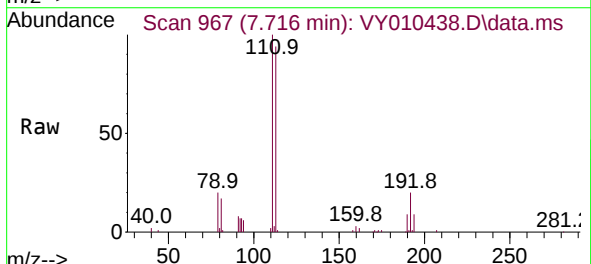
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

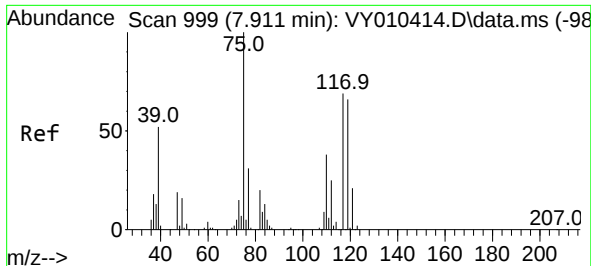
Tgt Ion:114 Resp: 295800
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 23.571 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion:113 Resp: 49518
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.2 17.6 26.4

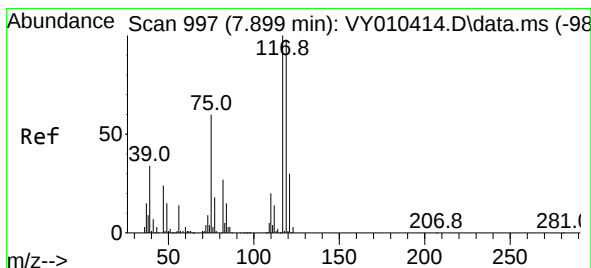
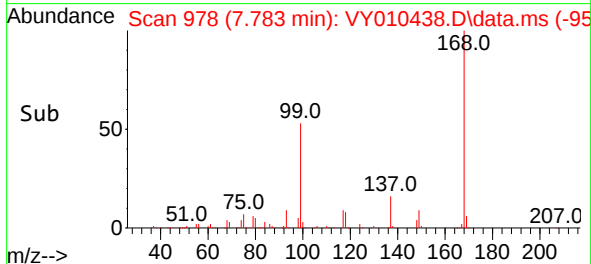
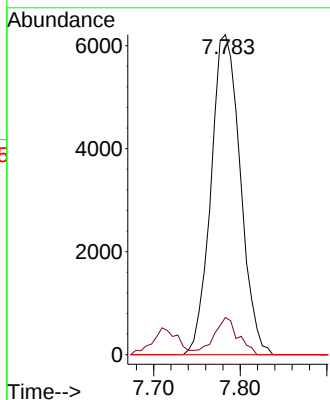
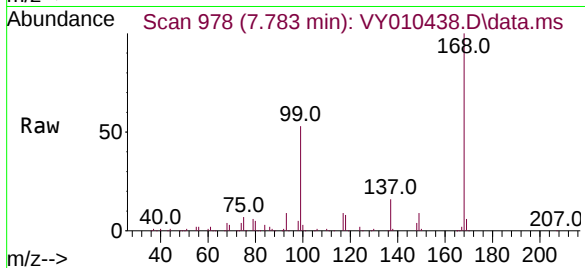




#36
1,1-Dichloropropene
Concen: 5.084 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

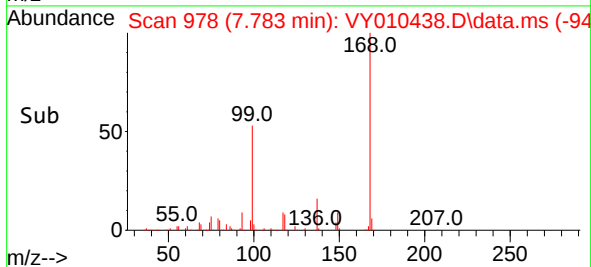
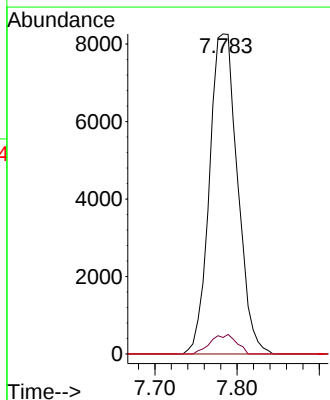
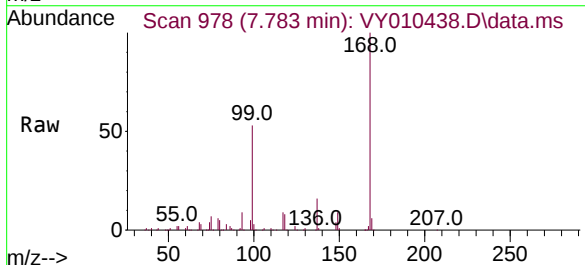
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

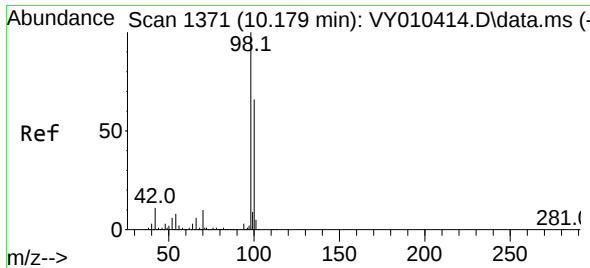
Tgt Ion: 75 Resp: 14622
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion: 117 Resp: 19595
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

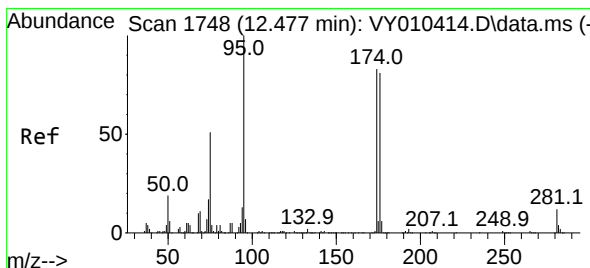
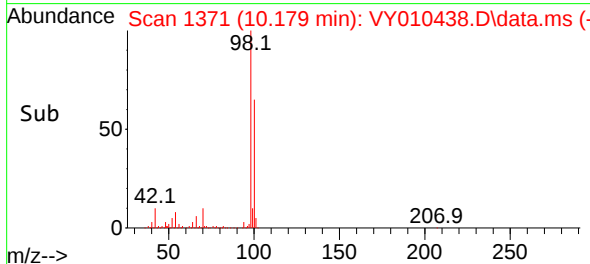
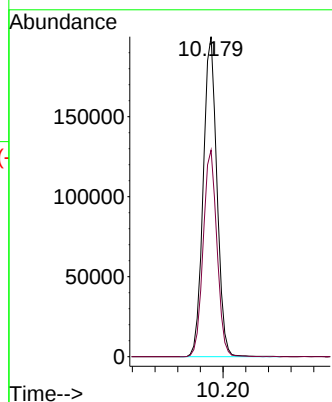
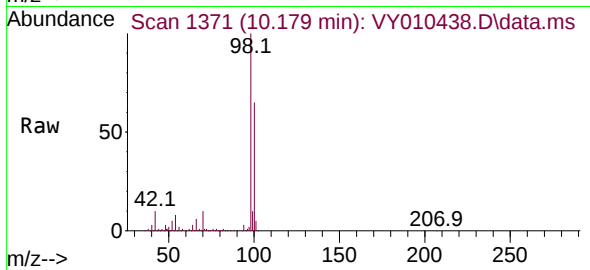




#50
Toluene-d8
Concen: 49.218 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

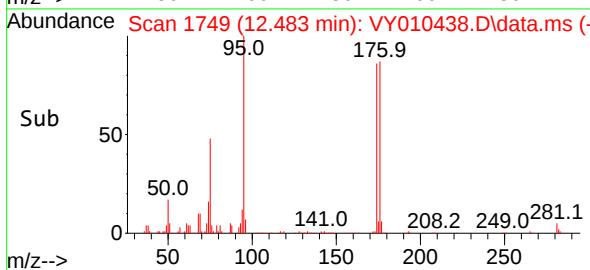
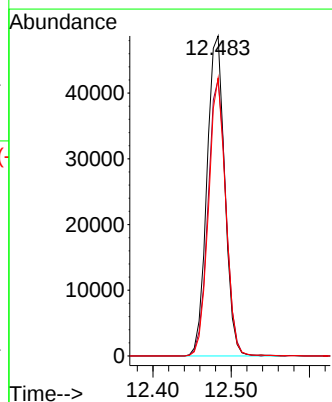
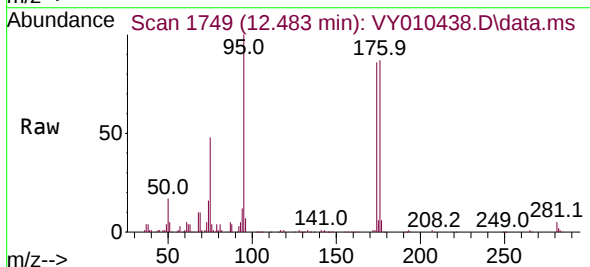
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

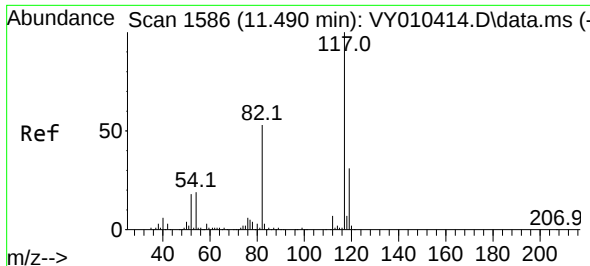
Tgt Ion: 98 Resp: 335105
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 25.352 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion: 95 Resp: 76608
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.8 0.0 175.8





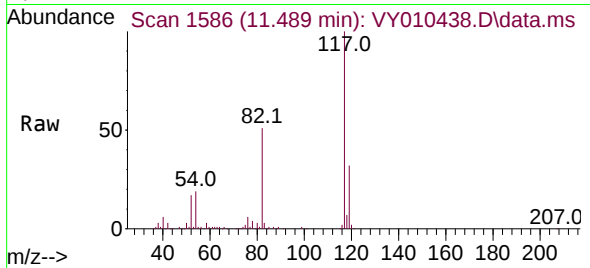
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Instrument :

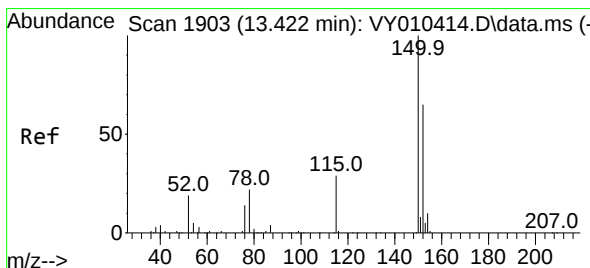
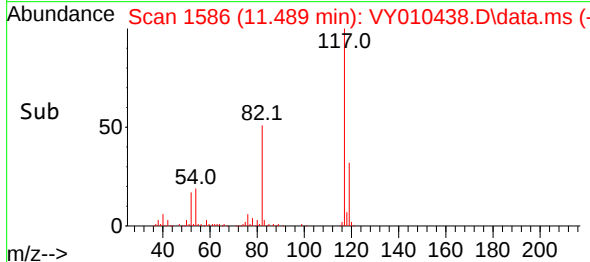
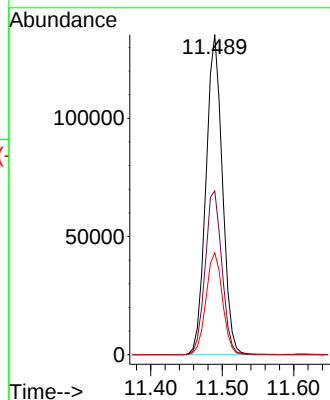
MSVOA_Y

ClientSampleId :

S1-SO_116D-20220902

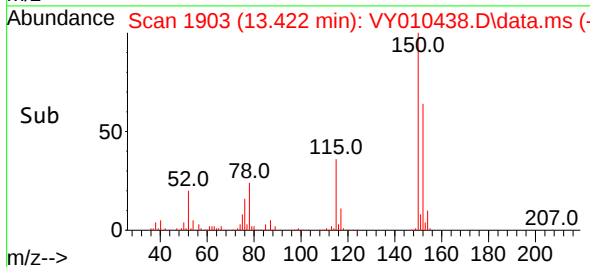
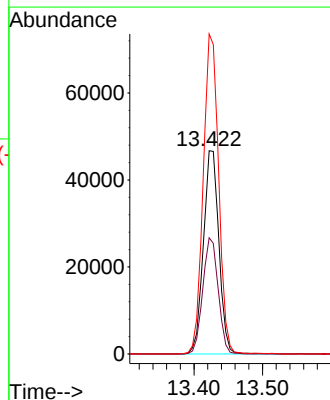
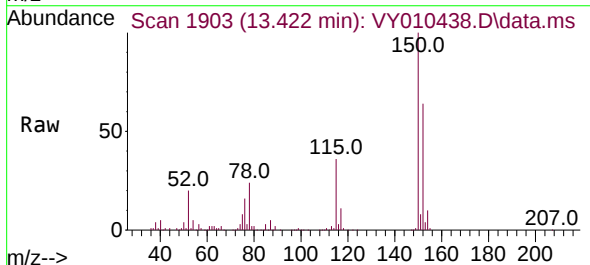


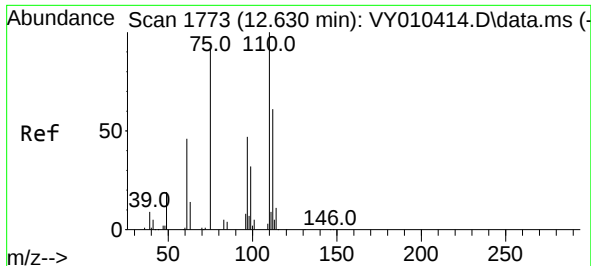
Tgt Ion:117 Resp: 216008
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion:152 Resp: 73620
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 156.5 0.0 347.6

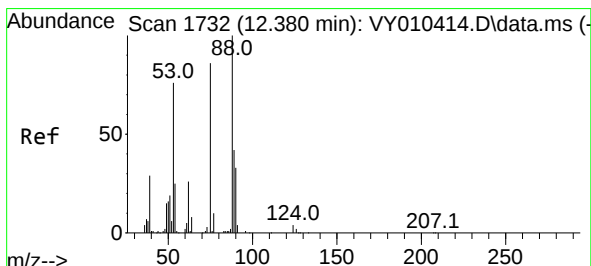
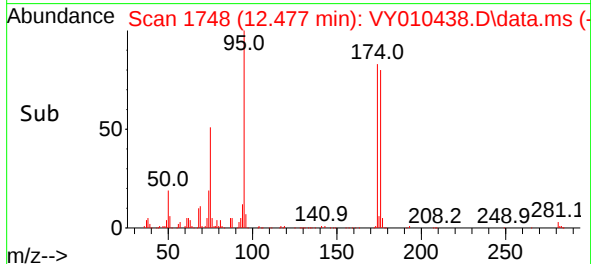
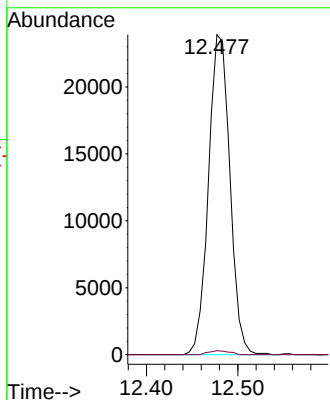
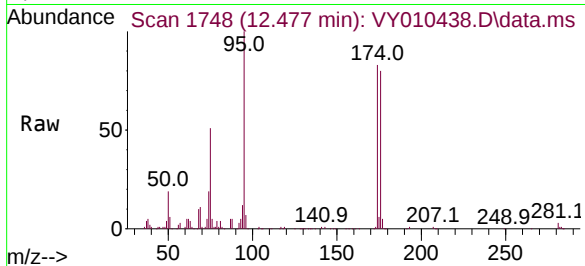




#76
1,2,3-Trichloropropane
Concen: 47.822 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

Tgt Ion: 75 Resp: 38856
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.181 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010438.D
Acq: 09 Sep 2022 23:13

Tgt Ion: 75 Resp: 38856
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

