

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008761.D
 Acq On : 13 May 2022 19:55
 Operator : KP/MD
 Sample : N2775-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-35S

Quant Time: May 16 05:55:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

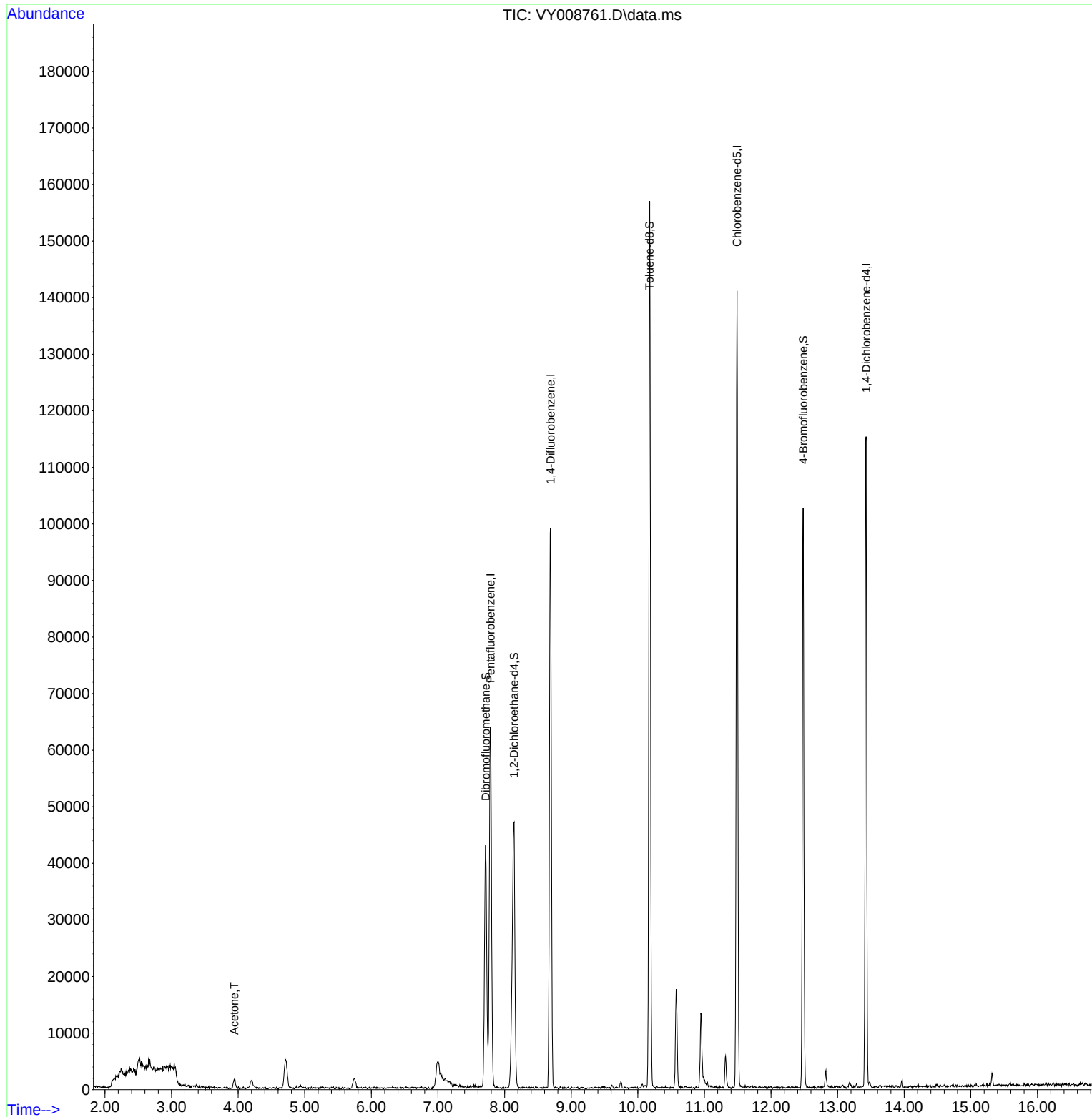
Internal Standards						
1) Pentafluorobenzene	7.789	168	49446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	86039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	75595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31033	63.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.040%	
35) Dibromofluoromethane	7.716	113	29881	57.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.720%	
50) Toluene-d8	10.179	98	101443	52.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	12.483	95	26949	39.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.880%	
Target Compounds						Qvalue
16) Acetone	3.942	43	2403	18.363	ug/l	92

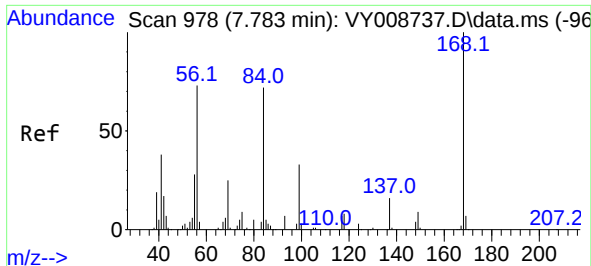
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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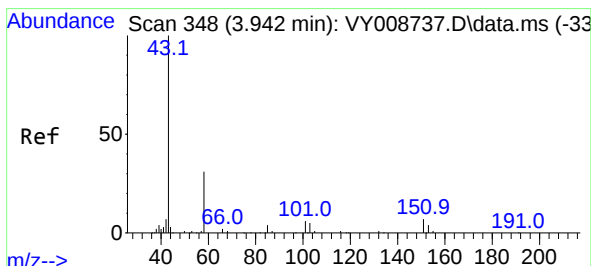
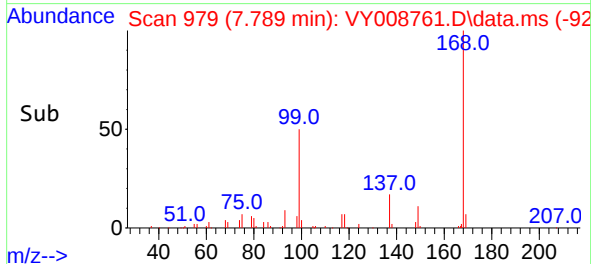
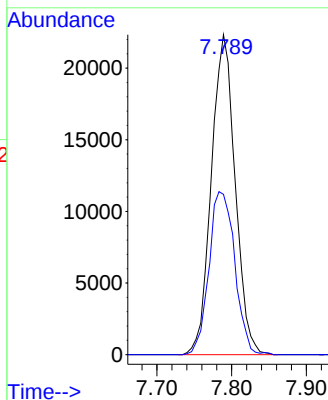
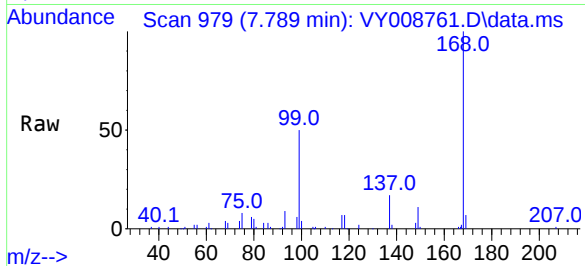




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008761.D
Acq: 13 May 2022 19:55

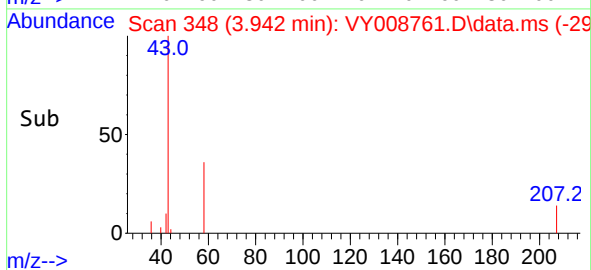
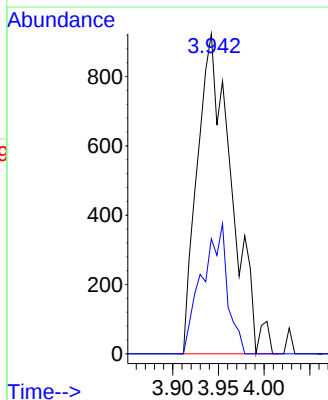
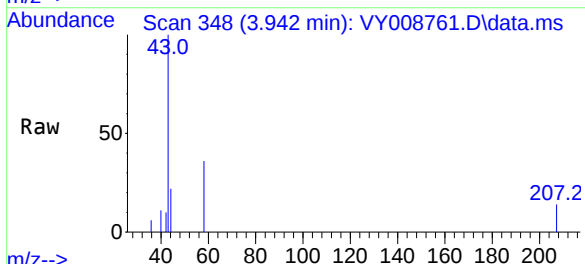
Instrument :
MSVOA_Y
ClientSampleId :
MH-35S

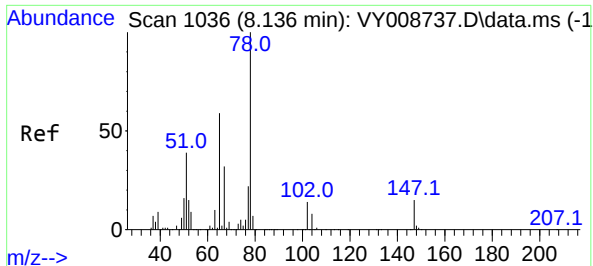
Tgt Ion:168 Resp: 49446
Ion Ratio Lower Upper
168 100
99 50.1 42.3 63.5



#16
Acetone
Concen: 18.363 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008761.D
Acq: 13 May 2022 19:55

Tgt Ion: 43 Resp: 2403
Ion Ratio Lower Upper
43 100
58 36.0 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 63.020 ug/l

RT: 8.143 min Scan# 11033

Delta R.T. 0.006 min

Lab File: VY008761.D

Acq: 13 May 2022 19:55

Instrument :

MSVOA_Y

ClientSampleId :

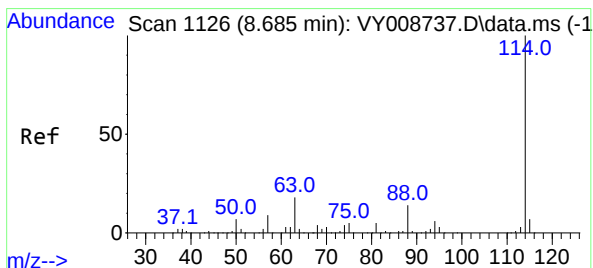
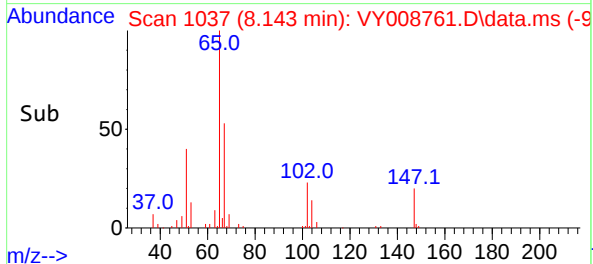
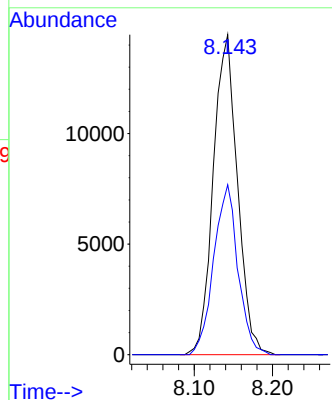
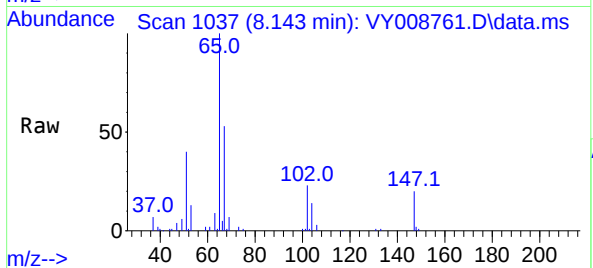
MH-35S

Tgt Ion: 65 Resp: 31033

Ion Ratio Lower Upper

65 100

67 53.3 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008761.D

Acq: 13 May 2022 19:55

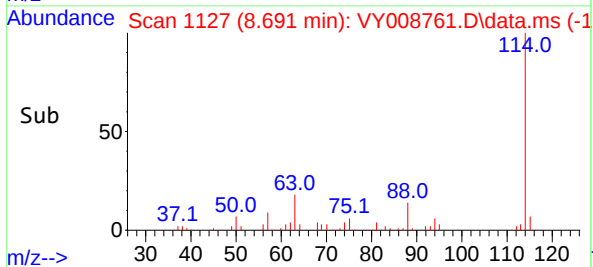
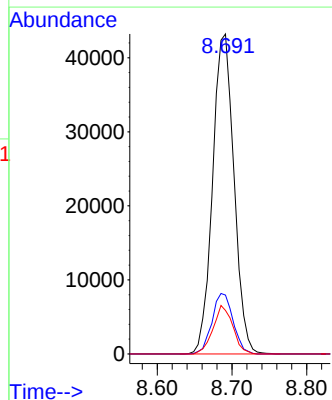
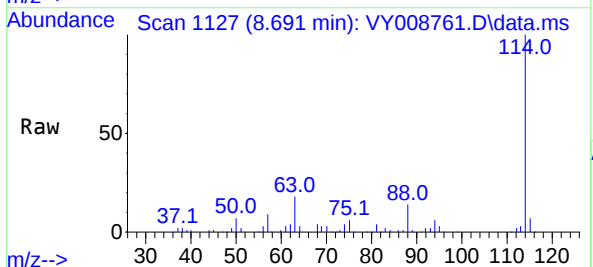
Tgt Ion: 114 Resp: 86039

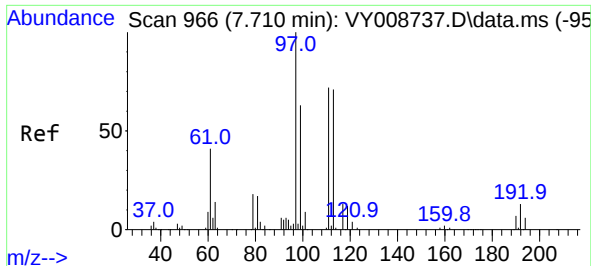
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 13.6 0.0 27.4

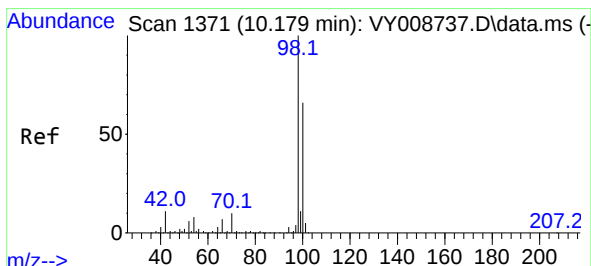
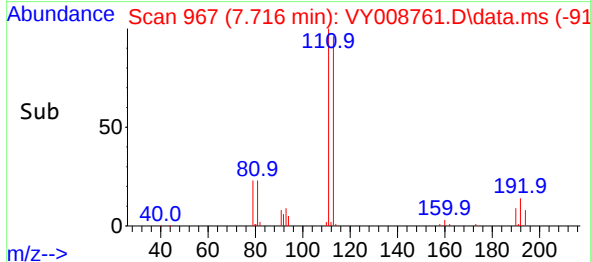
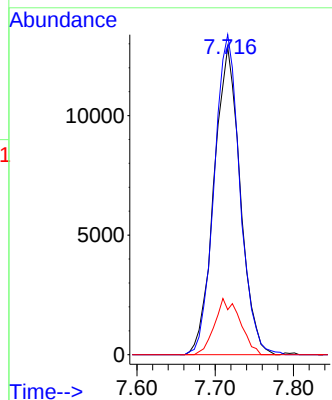
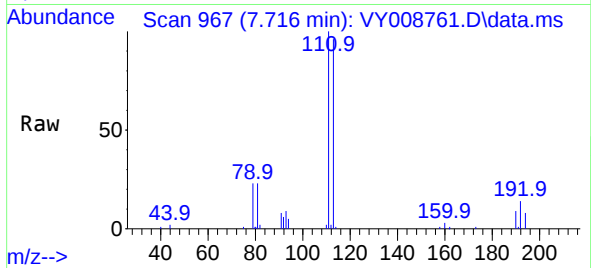




#35
Dibromofluoromethane
Concen: 57.864 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008761.D
Acq: 13 May 2022 19:55

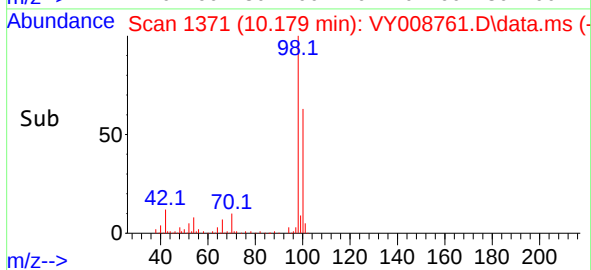
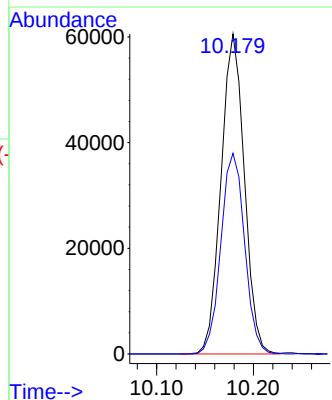
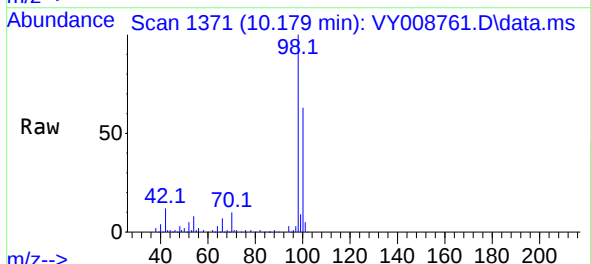
Instrument :
MSVOA_Y
ClientSampleId :
MH-35S

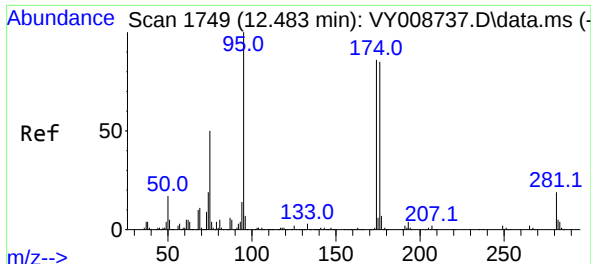
Tgt Ion:113 Resp: 29881
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 52.090 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008761.D
Acq: 13 May 2022 19:55

Tgt Ion: 98 Resp: 101443
Ion Ratio Lower Upper
98 100
100 63.8 52.8 79.2

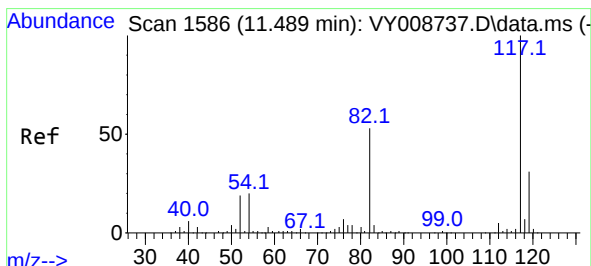
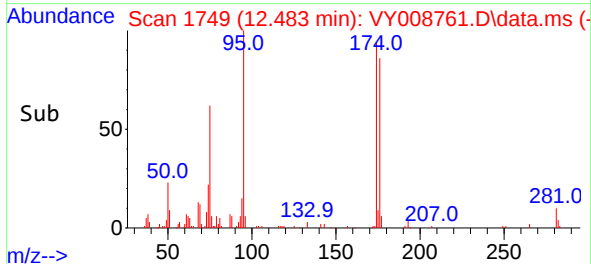
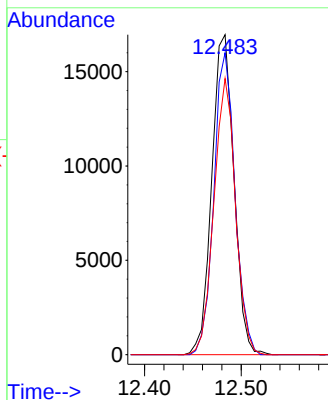
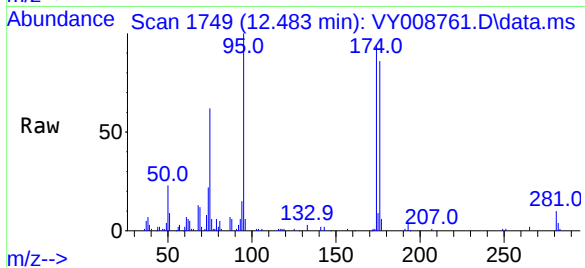




#62
4-Bromofluorobenzene
Concen: 39.940 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008761.D
Acq: 13 May 2022 19:55

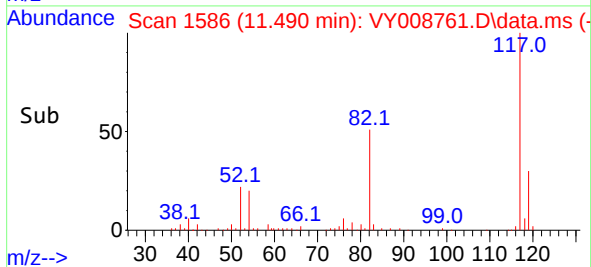
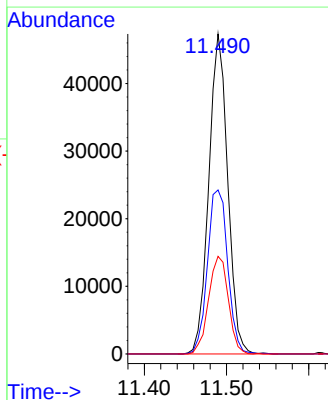
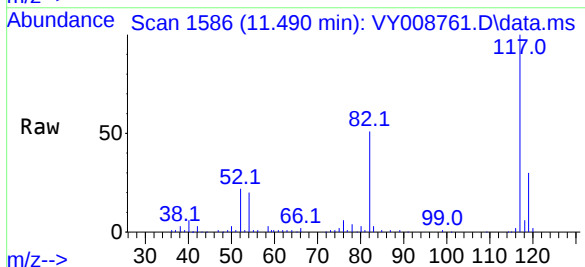
Instrument :
MSVOA_Y
ClientSampleId :
MH-35S

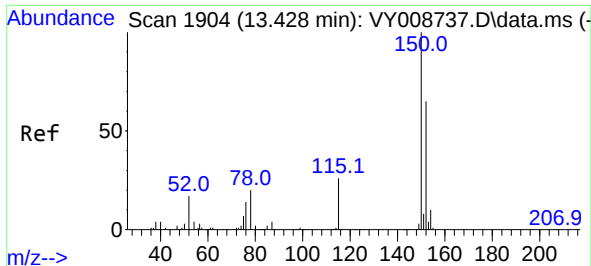
Tgt Ion: 95 Resp: 26949
Ion Ratio Lower Upper
95 100
174 90.1 0.0 171.2
176 84.1 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008761.D
Acq: 13 May 2022 19:55

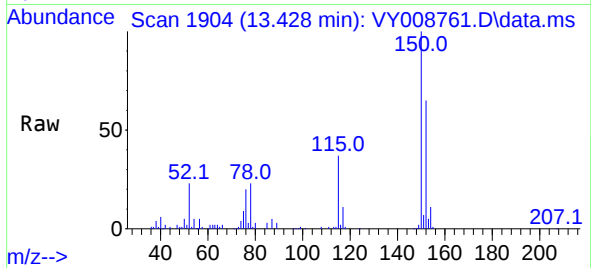
Tgt Ion: 117 Resp: 75595
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 30.5 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008761.D
 Acq: 13 May 2022 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-35S



Tgt Ion:152 Resp: 28603
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.2 84.7
 150 158.5 0.0 348.2

