

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005861.D
 Acq On : 26 Aug 2021 15:18
 Operator : SY/MD
 Sample : M3547-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Quant Time: Aug 27 03:26:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

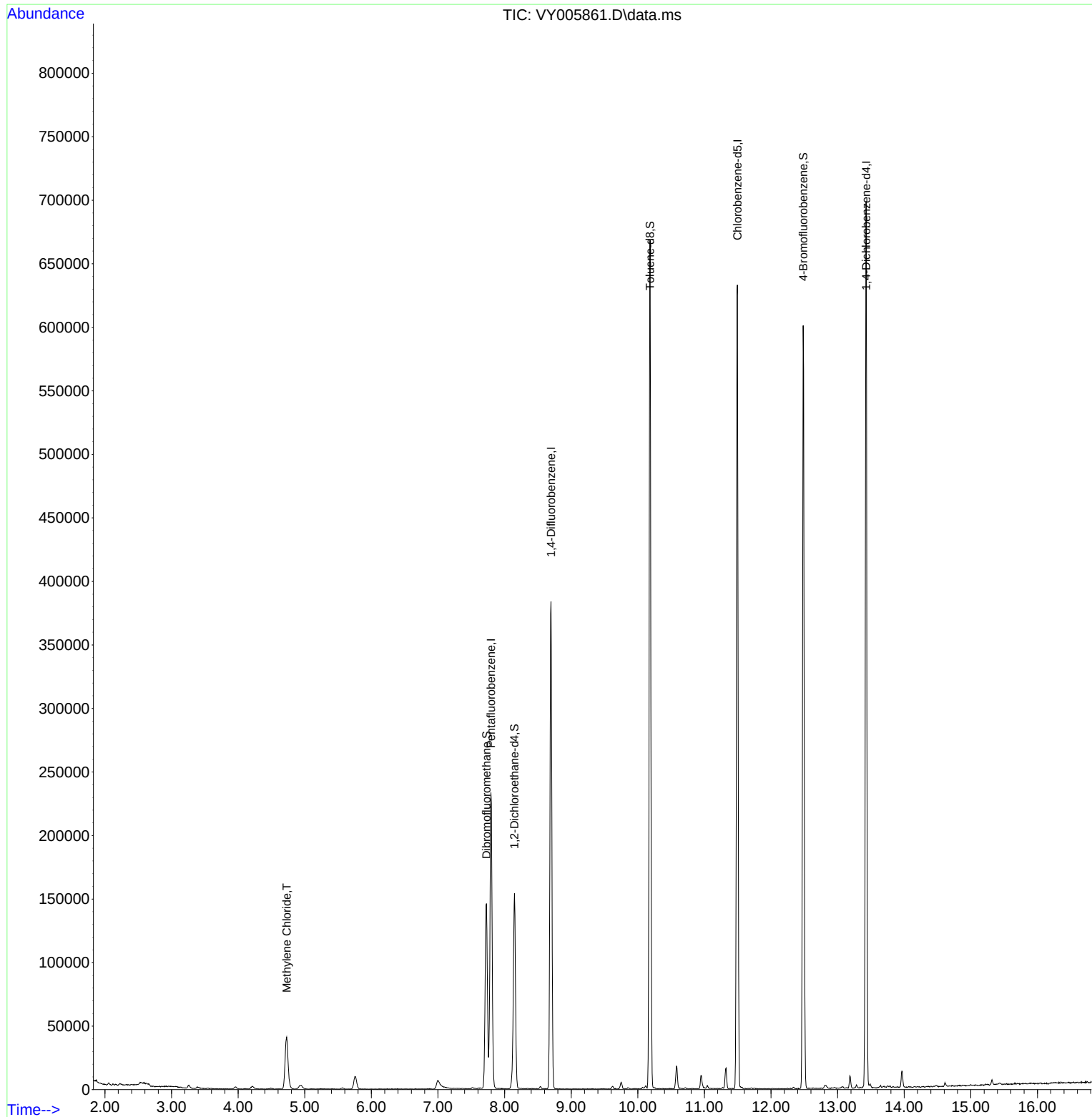
Internal Standards						
1) Pentafluorobenzene	7.795	168	191406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	347004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119956	61.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.820%	
35) Dibromofluoromethane	7.728	113	100712	54.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.000%	
50) Toluene-d8	10.185	98	428750	55.325	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.483	95	151877	59.181	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.360%	
Target Compounds						
20) Methylene Chloride	4.729	84	30805	11.204	ug/l	Qvalue 94

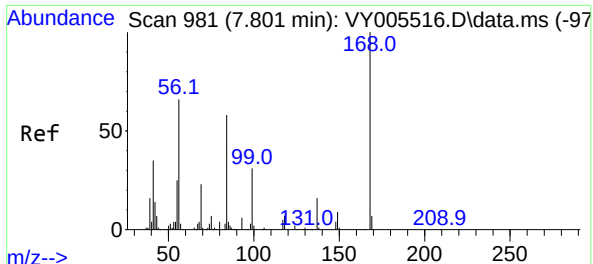
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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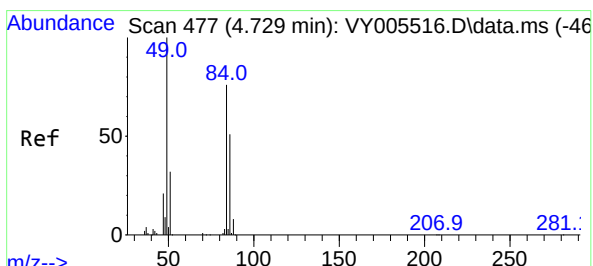
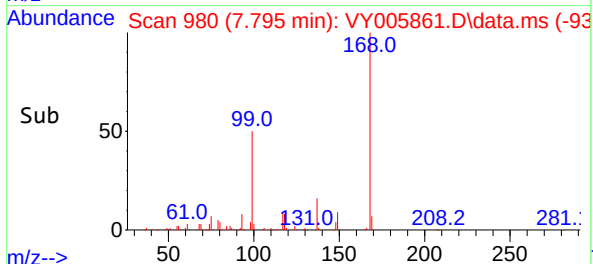
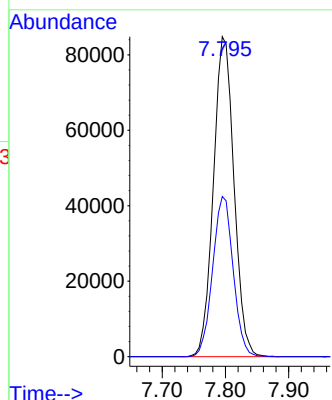
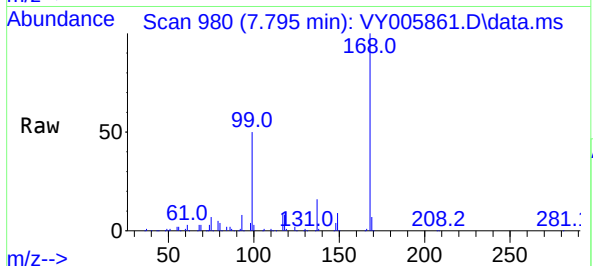




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

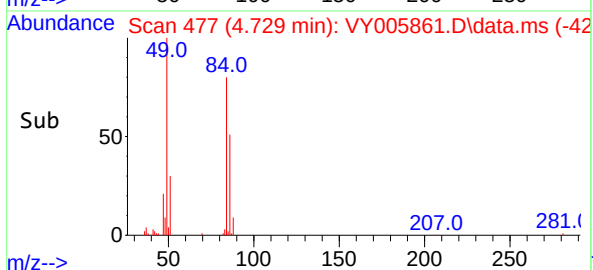
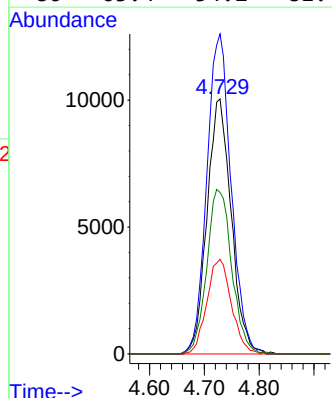
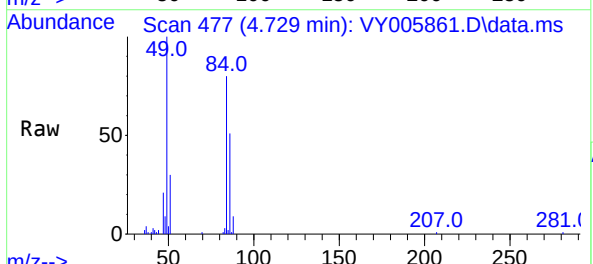
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

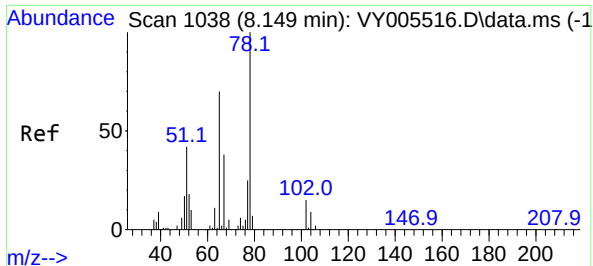
Tgt Ion:168 Resp: 191406
Ion Ratio Lower Upper
168 100
99 50.1 38.9 58.3



#20
Methylene Chloride
Concen: 11.204 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 84 Resp: 30805
Ion Ratio Lower Upper
84 100
49 125.5 105.8 158.6
51 37.1 33.4 50.2
86 63.4 54.2 81.4

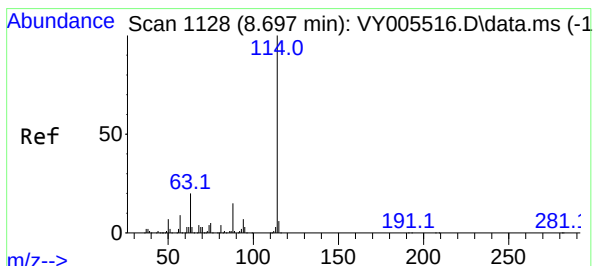
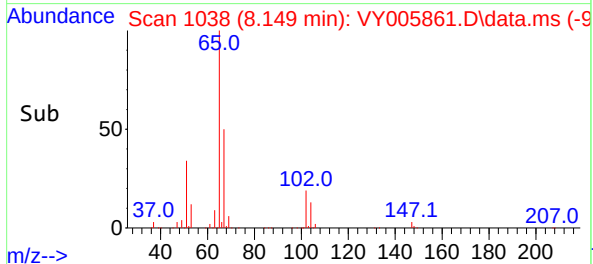
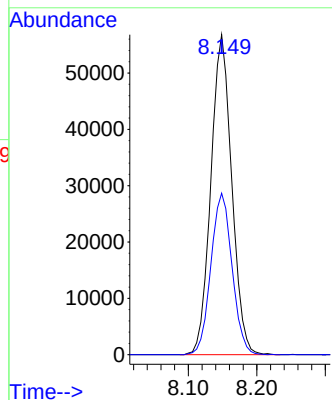
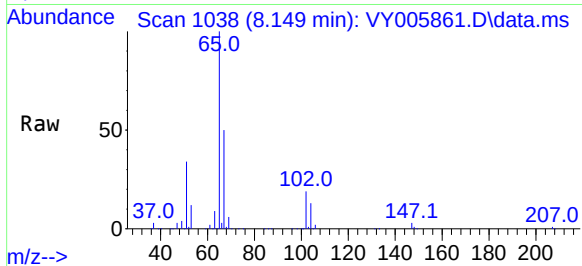




#33
1,2-Dichloroethane-d4
Concen: 61.913 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

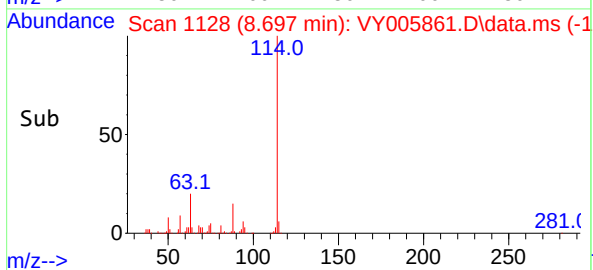
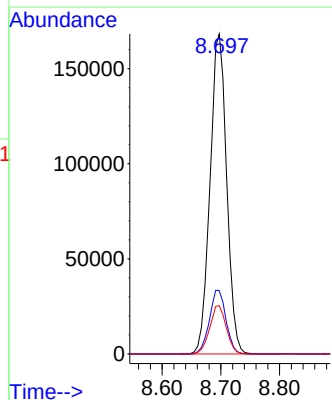
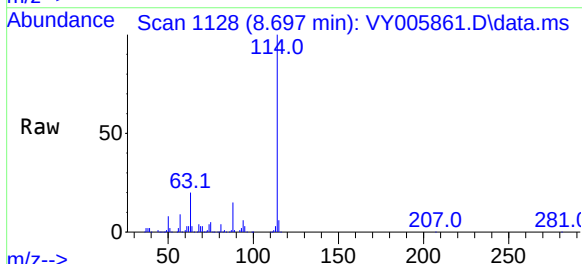
Instrument :
MSVOA_Y
ClientSampled :
PE-3

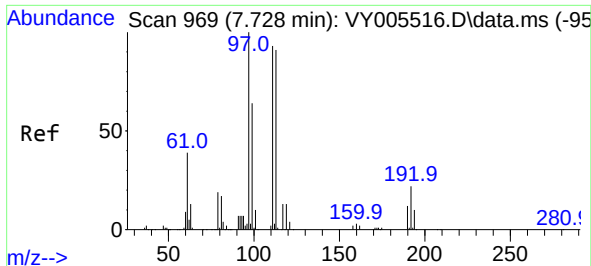
Tgt Ion: 65 Resp: 119956
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 114 Resp: 330044
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.1 0.0 30.8

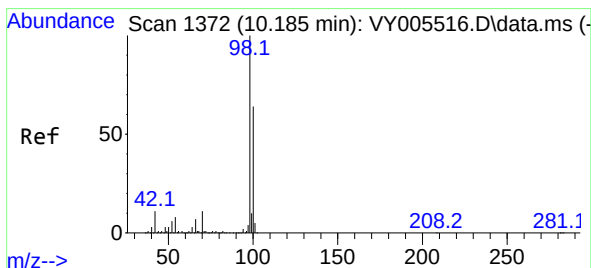
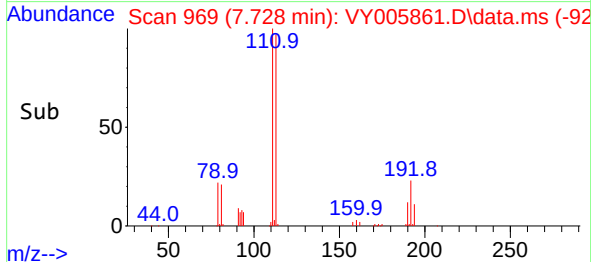
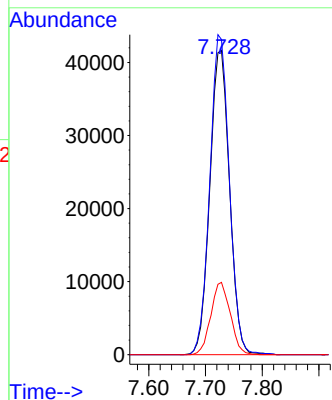
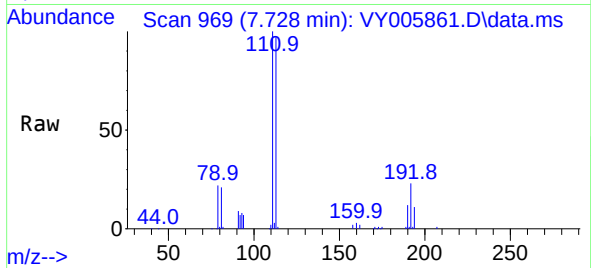




#35
Dibromofluoromethane
Concen: 54.503 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

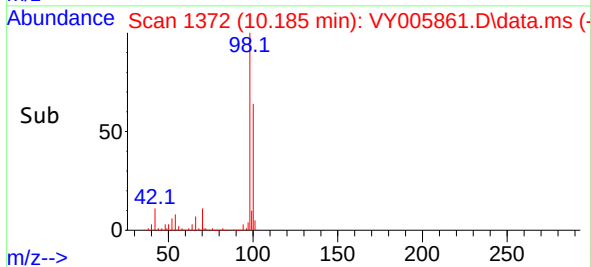
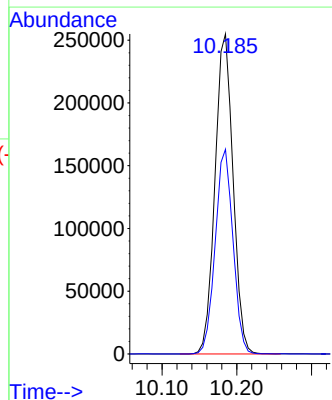
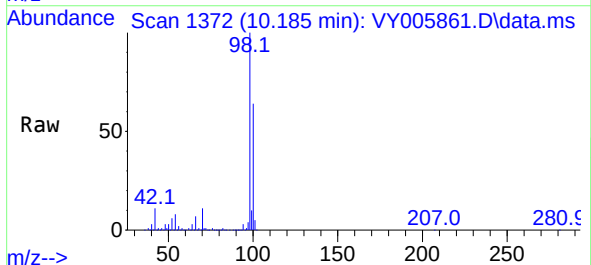
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

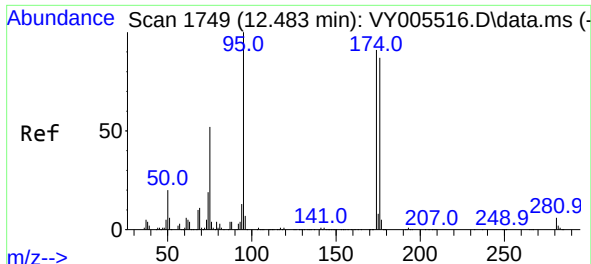
Tgt Ion:113 Resp: 100712
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 23.4 19.2 28.8



#50
Toluene-d8
Concen: 55.325 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 98 Resp: 428750
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



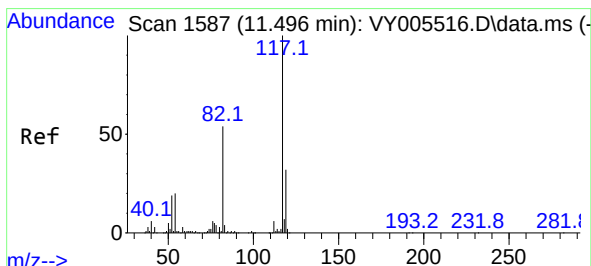
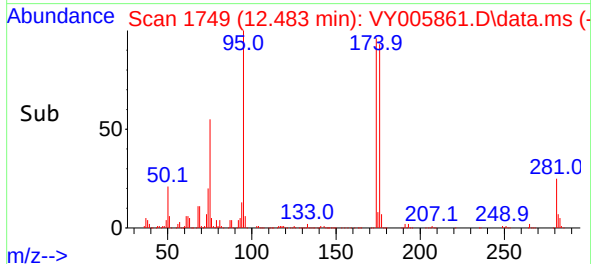
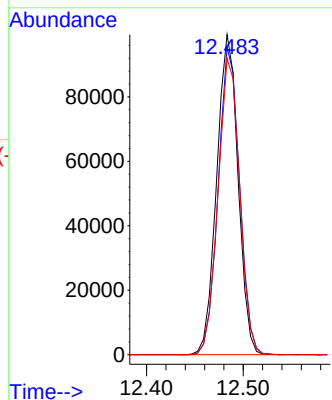
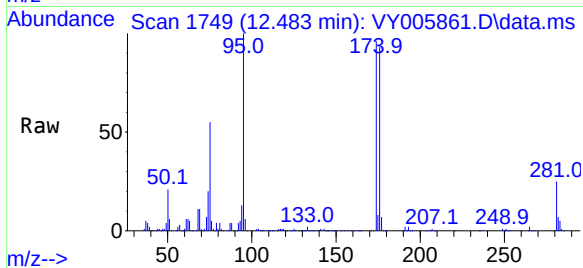


#62
4-Bromofluorobenzene
Concen: 59.181 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

Tgt Ion: 95 Resp: 151877

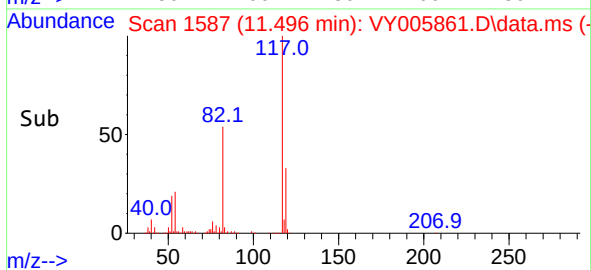
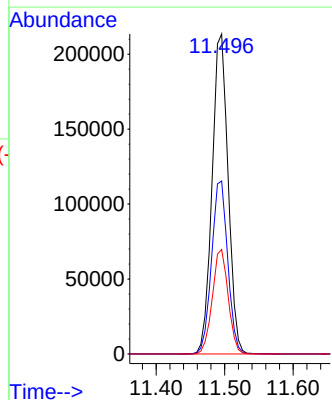
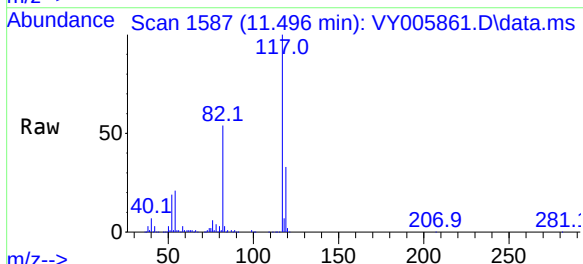
Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	191.4
176	93.6	0.0	183.6

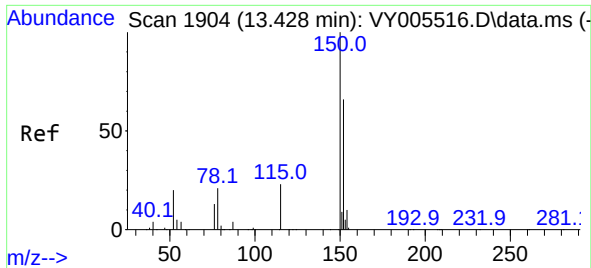


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 117 Resp: 347004

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.5	65.3
119	32.6	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005861.D
 Acq: 26 Aug 2021 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Tgt Ion:152 Resp: 179848
 Ion Ratio Lower Upper
 152 100
 115 53.5 27.3 81.9
 150 155.6 0.0 350.2

