

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005161.D
 Acq On : 17 Jun 2021 16:57
 Operator : SY/MD
 Sample : M2748-02
 Misc : 5.20G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3B

Quant Time: Jun 18 03:03:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

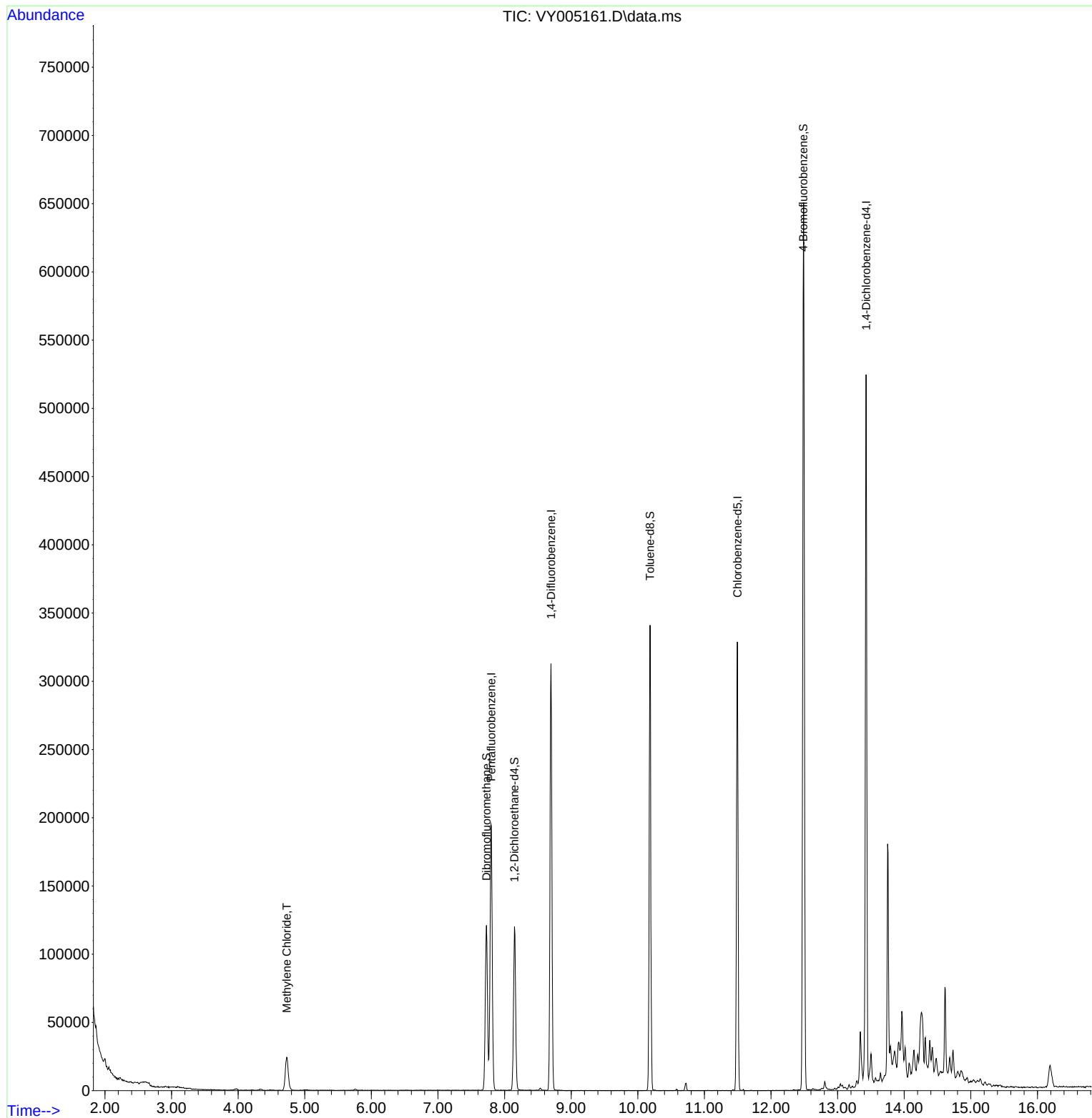
Internal Standards						
1) Pentafluorobenzene	7.801	168	150773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	270387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	173471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94049	64.514	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	129.020%	
35) Dibromofluoromethane	7.728	113	83601	72.097	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	144.200%	
50) Toluene-d8	10.185	98	210220	36.494	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	72.980%	
62) 4-Bromofluorobenzene	12.483	95	111467	57.536	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	115.080%	
Target Compounds						Qvalue
20) Methylene Chloride	4.728	84	19752	6.143	ug/l	96

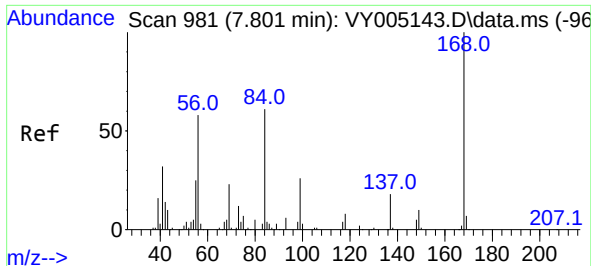
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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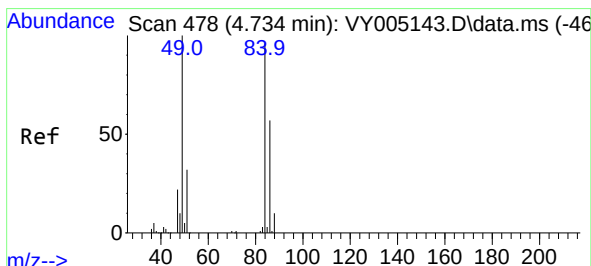
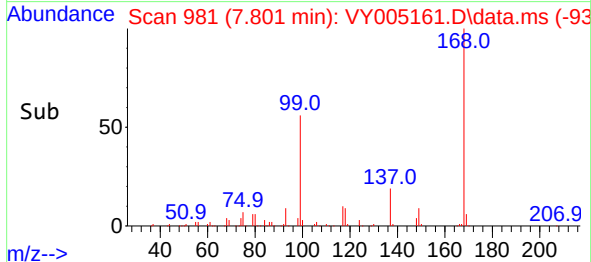
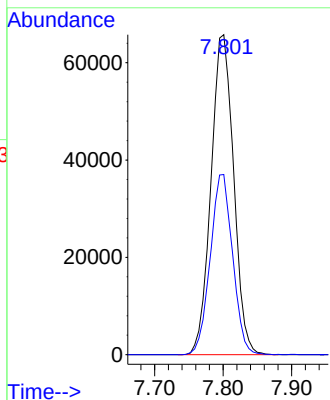
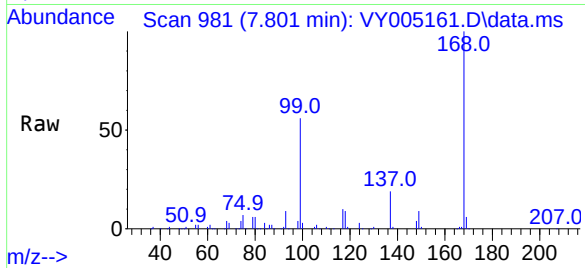




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

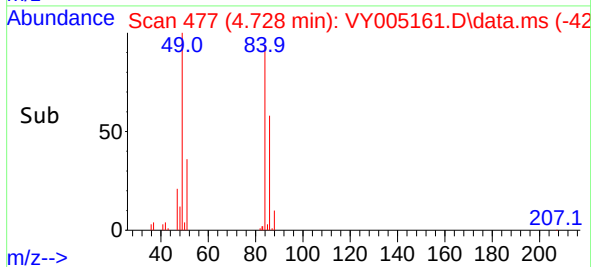
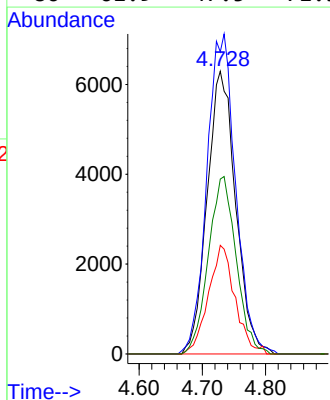
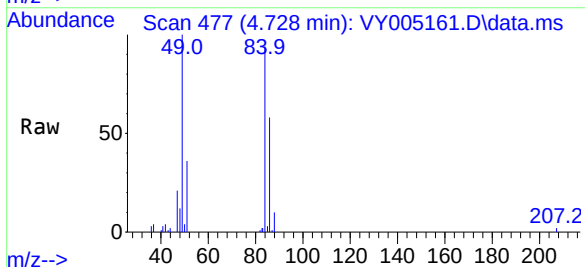
Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

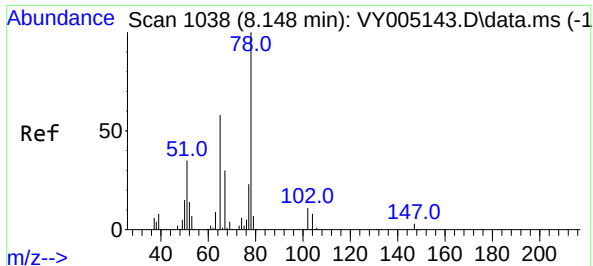
Tgt Ion:168 Resp: 150773
Ion Ratio Lower Upper
168 100
99 56.3 44.5 66.7



#20
Methylene Chloride
Concen: 6.143 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Tgt Ion: 84 Resp: 19752
Ion Ratio Lower Upper
84 100
49 106.9 83.4 125.2
51 38.4 26.8 40.2
86 61.9 47.5 71.3

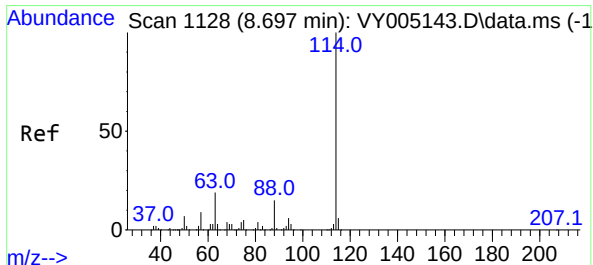
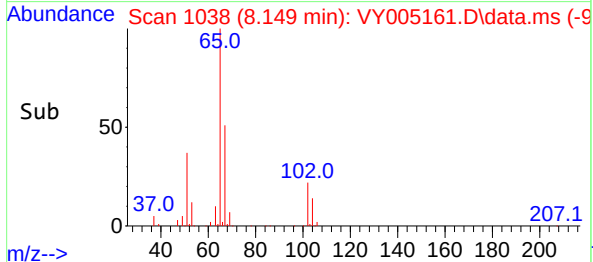
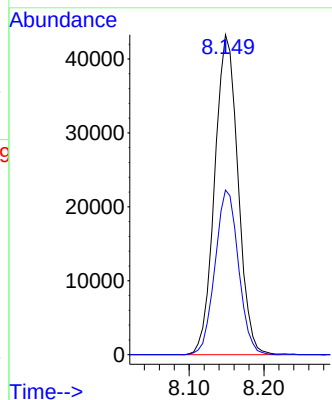
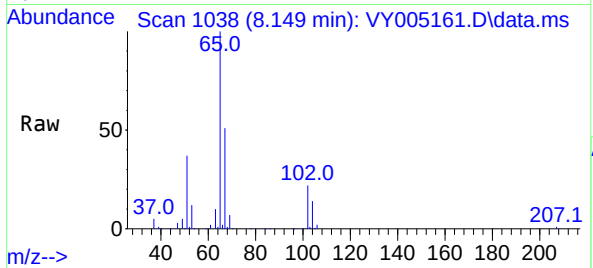




#33
1,2-Dichloroethane-d4
Concen: 64.514 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

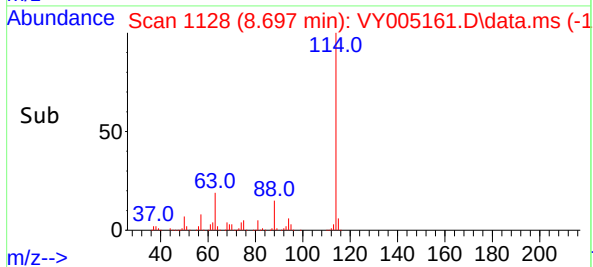
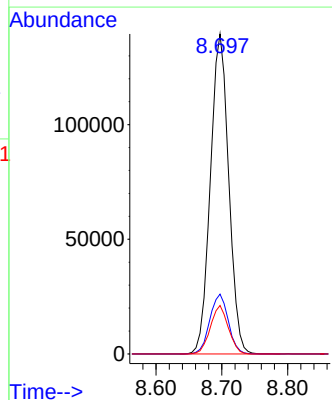
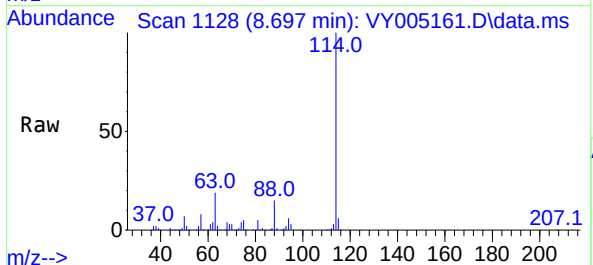
Instrument :
MSVOA_Y
ClientSampled :
SB-3B

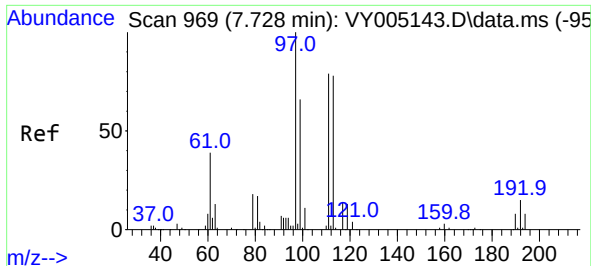
Tgt Ion: 65 Resp: 94049
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Tgt Ion:114 Resp: 270387
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.6
88 15.1 0.0 29.6

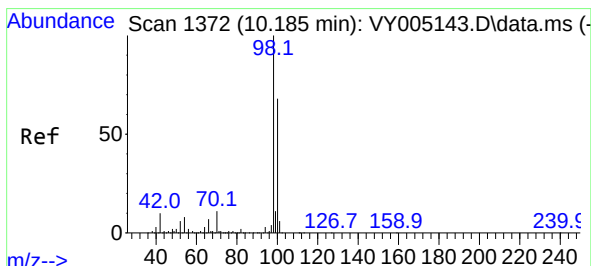
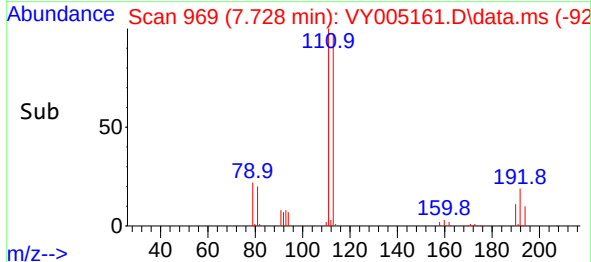
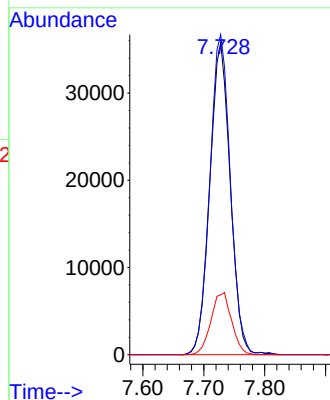
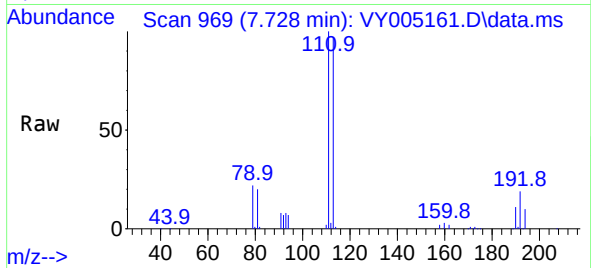




#35
Dibromofluoromethane
Concen: 72.097 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

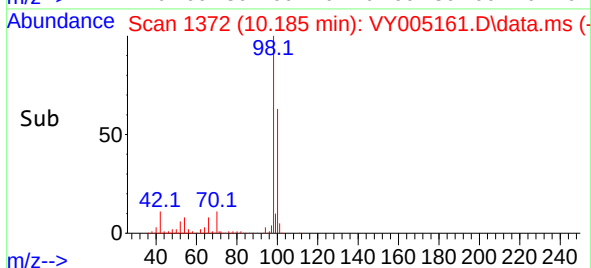
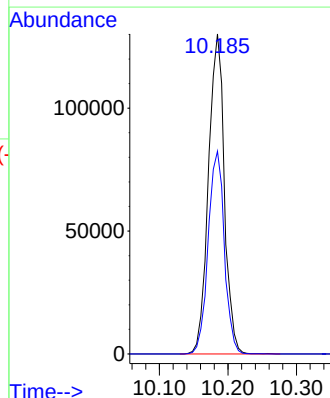
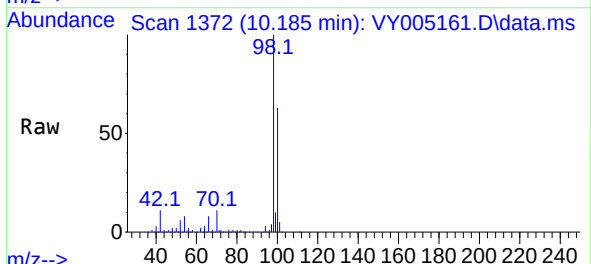
Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

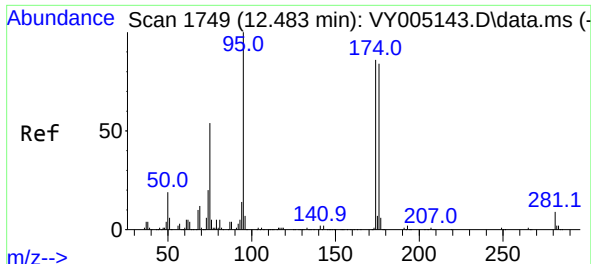
Tgt Ion:113 Resp: 83601
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 20.1 16.2 24.2



#50
Toluene-d8
Concen: 36.494 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Tgt Ion: 98 Resp: 210220
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



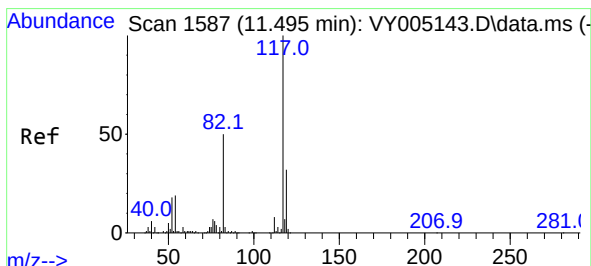
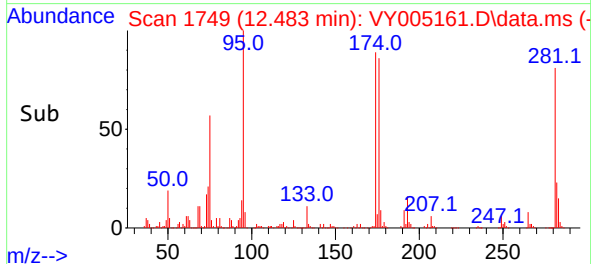
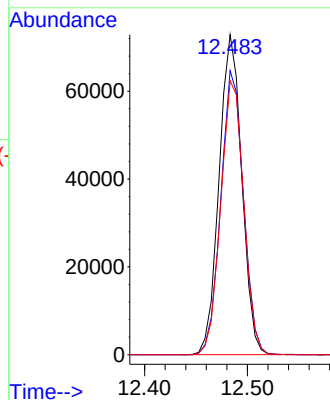
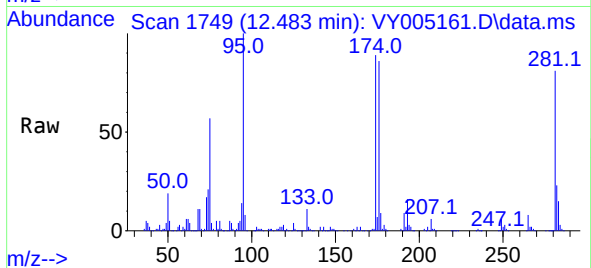


#62
4-Bromofluorobenzene
Concen: 57.536 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

Tgt Ion: 95 Resp: 111467

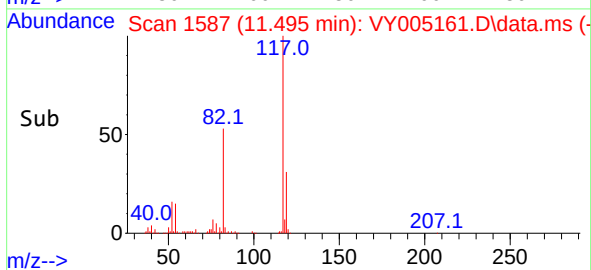
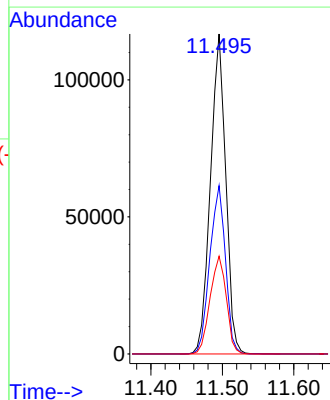
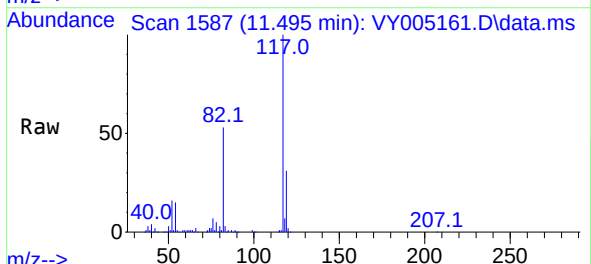
Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	179.2
176	86.7	0.0	174.0



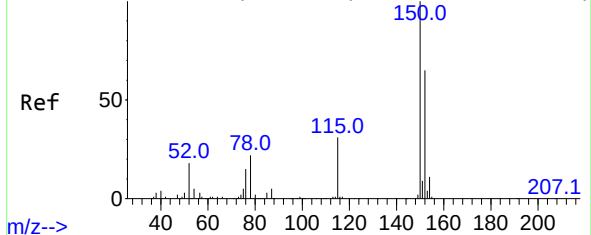
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Tgt Ion: 117 Resp: 173471

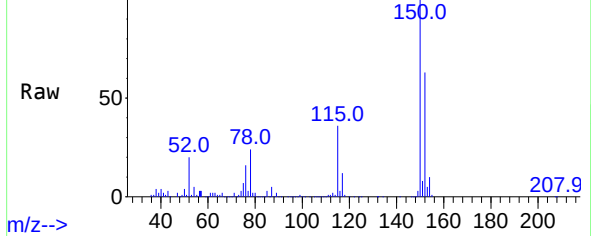
Ion	Ratio	Lower	Upper
117	100		
82	52.6	39.8	59.6
119	30.6	25.9	38.9



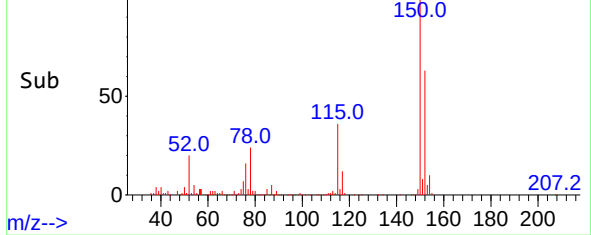
Abundance Scan 1904 (13.428 min): VY005143.D\data.ms (-



Abundance Scan 1904 (13.428 min): VY005161.D\data.ms (-

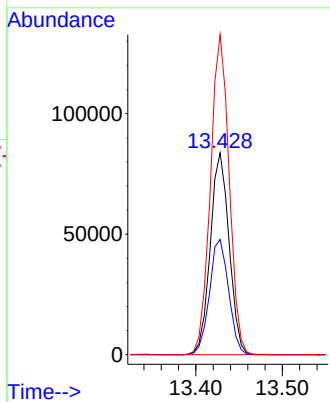


Abundance Scan 1904 (13.428 min): VY005161.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Tgt Ion:152 Resp: 126302
Ion Ratio Lower Upper
152 100
115 58.2 29.5 88.6
150 157.7 0.0 348.2



Instrument :
MSVOA_Y
ClientSampleId :
SB-3B