

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005720.D
 Acq On : 17 Aug 2021 19:02
 Operator : SY/MD
 Sample : M3430-02
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2

Quant Time: Aug 18 01:53:21 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)

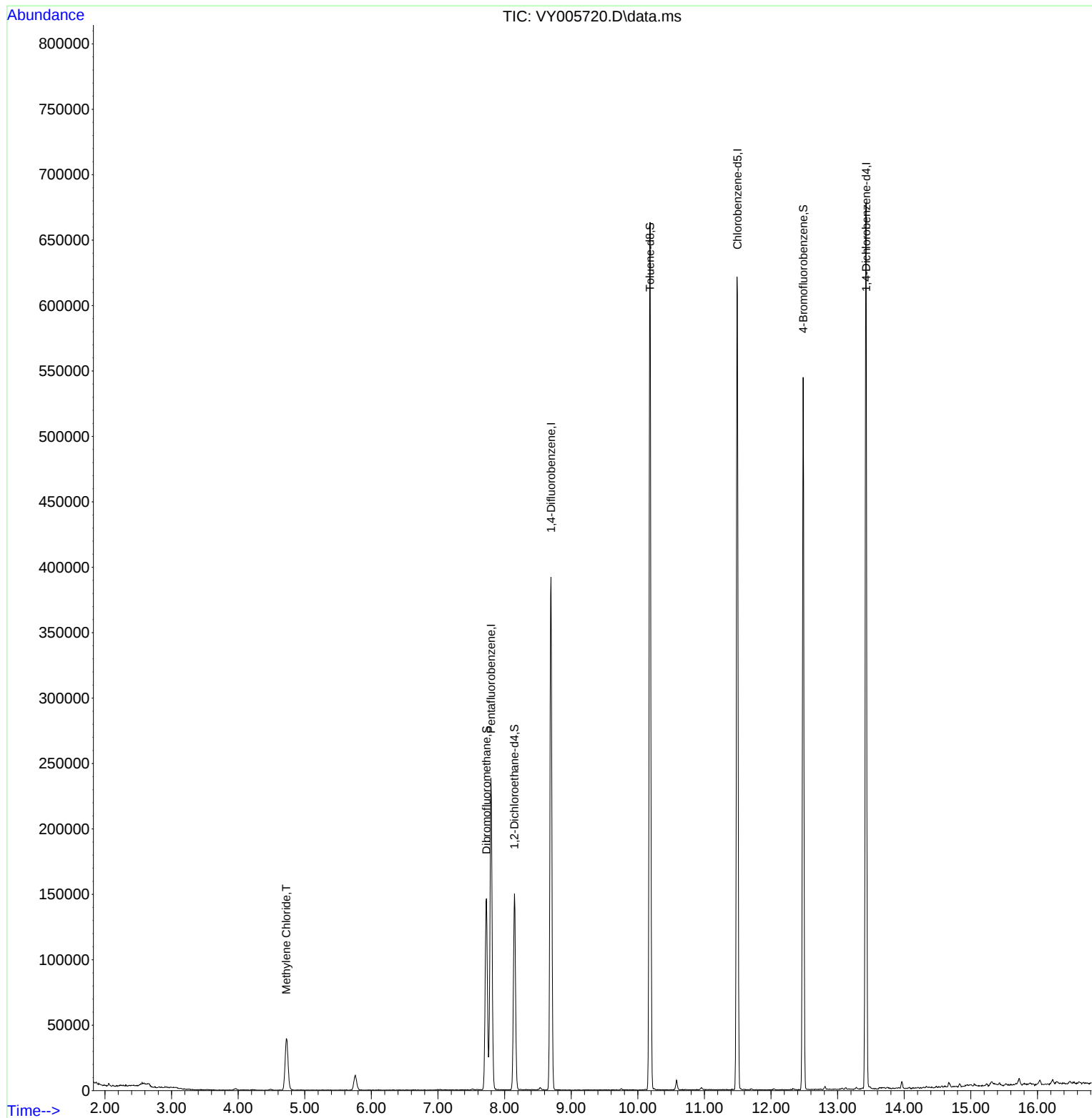
Internal Standards						
1) Pentafluorobenzene	7.795	168	188856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	337314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121038	63.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.620%	
35) Dibromofluoromethane	7.728	113	98199	53.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.280%	
50) Toluene-d8	10.185	98	427118	55.634	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.260%	
62) 4-Bromofluorobenzene	12.483	95	149569	58.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.660%	
Target Compounds						
20) Methylene Chloride	4.722	84	29135	10.454	ug/l	Qvalue 90

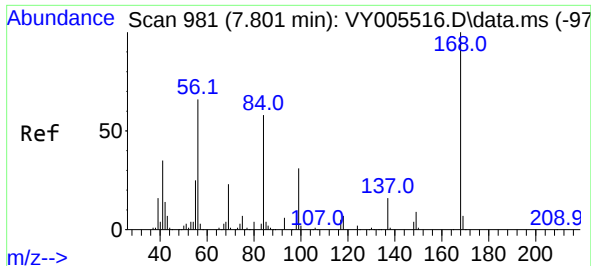
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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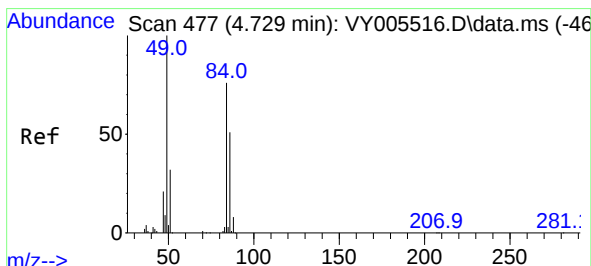
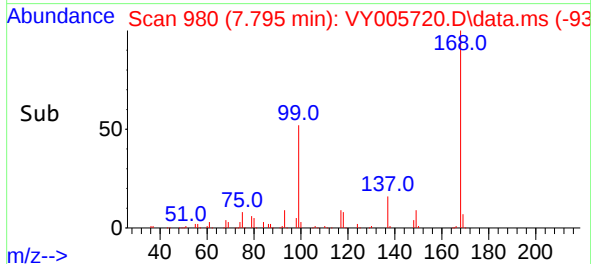
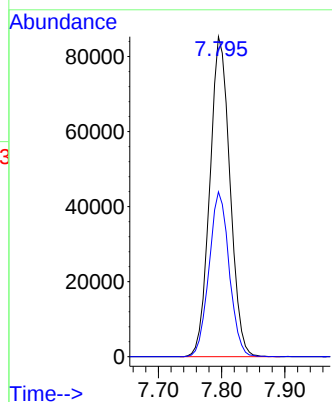
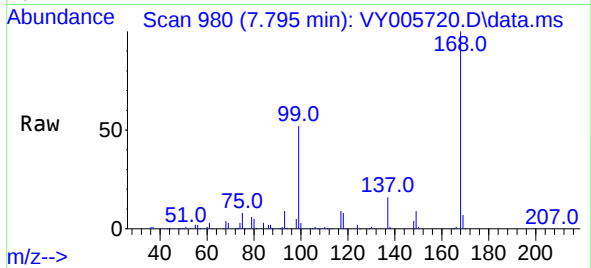




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

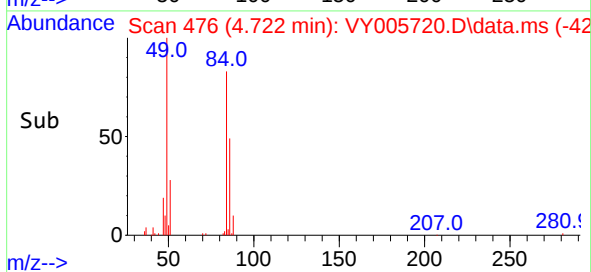
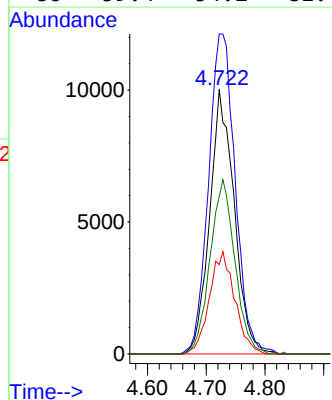
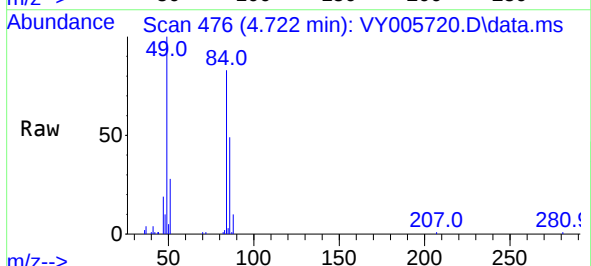
Instrument :
MSVOA_Y
ClientSampled :
PE-2

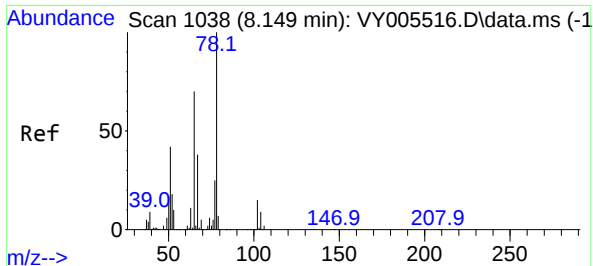
Tgt Ion:168 Resp: 188856
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#20
Methylene Chloride
Concen: 10.454 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Tgt Ion: 84 Resp: 29135
Ion Ratio Lower Upper
84 100
49 121.0 105.8 158.6
51 33.8 33.4 50.2
86 59.4 54.2 81.4

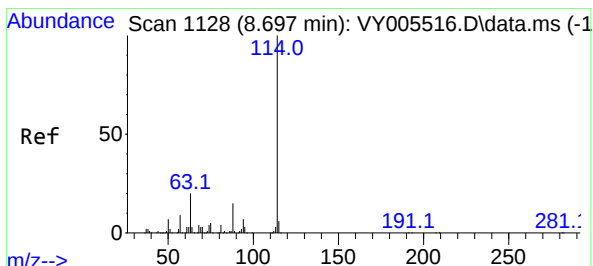
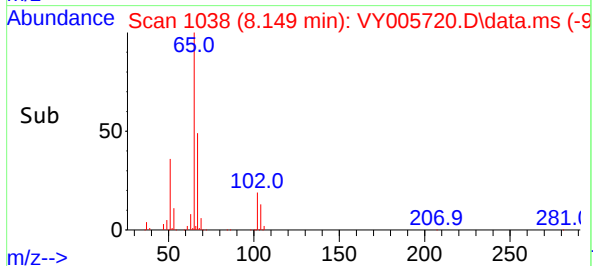
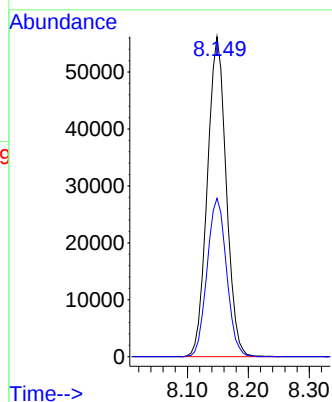
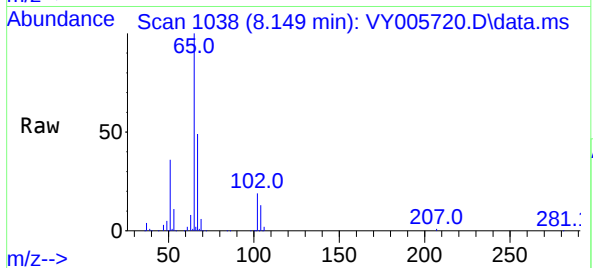




#33
1,2-Dichloroethane-d4
Concen: 63.315 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

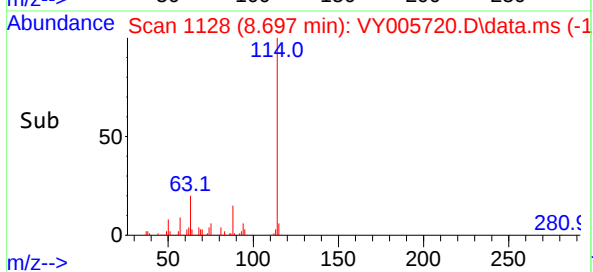
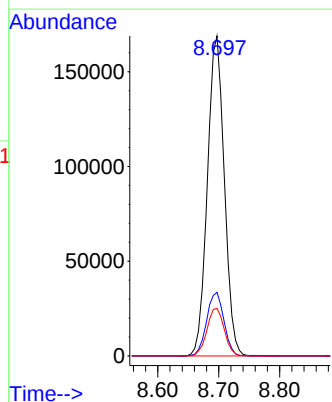
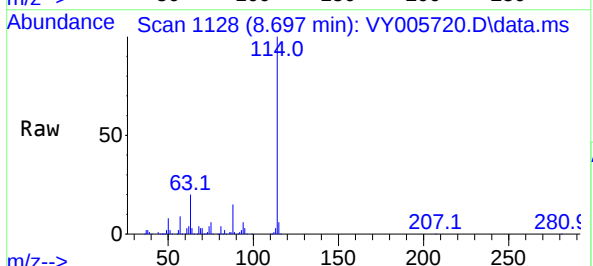
Instrument :
MSVOA_Y
ClientSampled :
PE-2

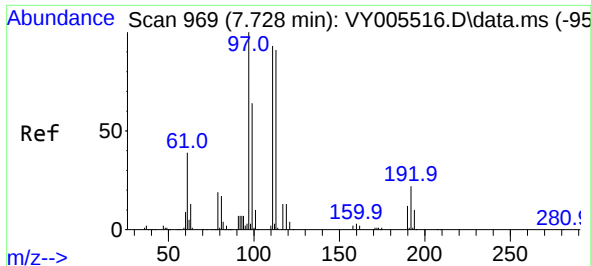
Tgt Ion: 65 Resp: 121038
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Tgt Ion:114 Resp: 326960
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 14.8 0.0 30.8

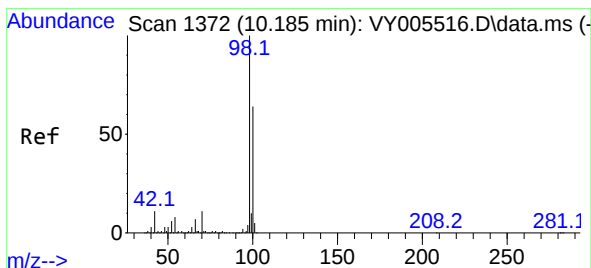
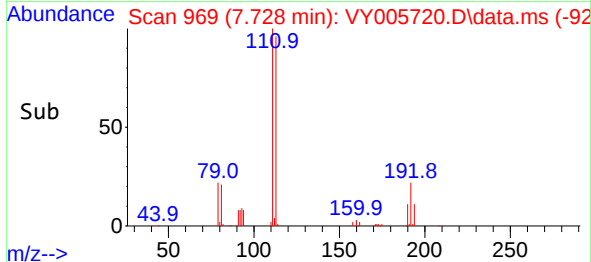
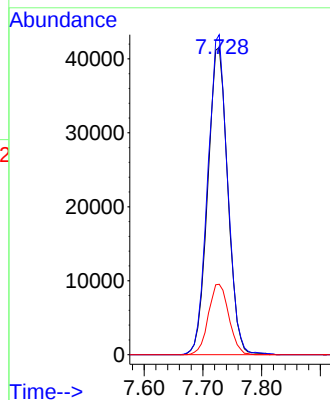
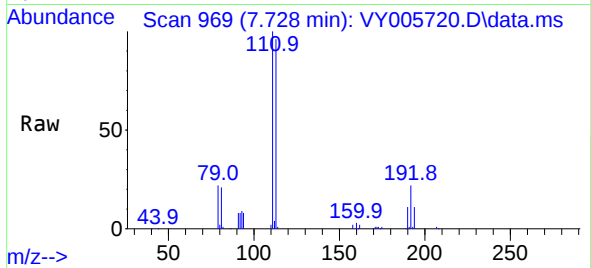




#35
Dibromofluoromethane
Concen: 53.644 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

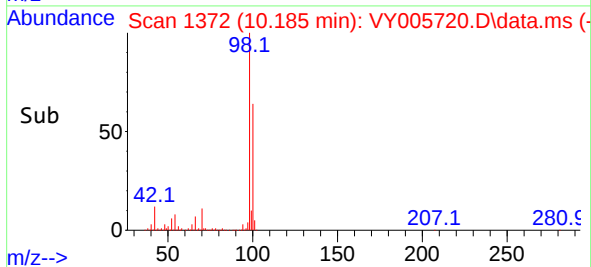
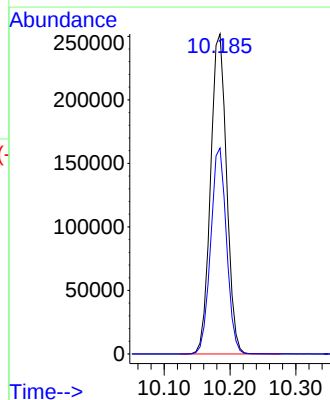
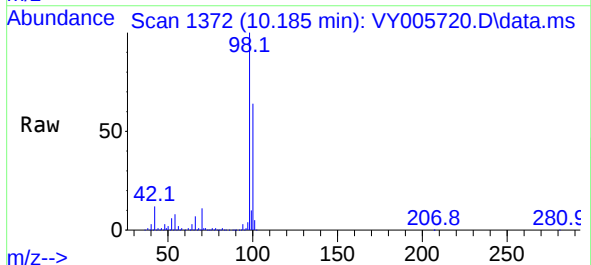
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

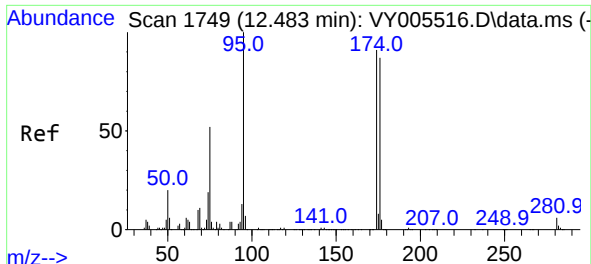
Tgt Ion:113 Resp: 98199
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 23.4 19.2 28.8



#50
Toluene-d8
Concen: 55.634 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Tgt Ion: 98 Resp: 427118
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9

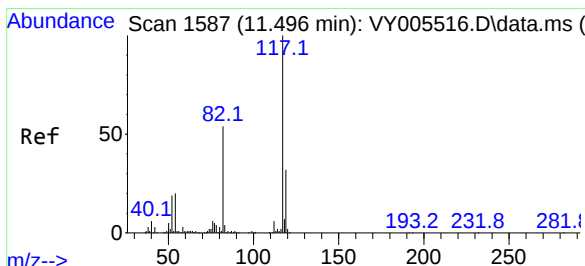
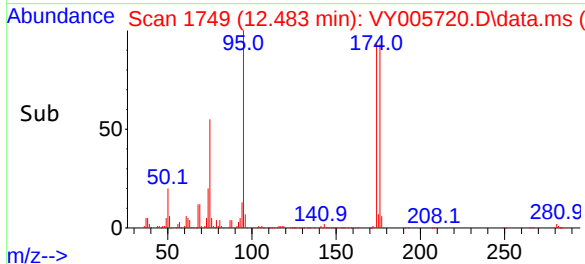
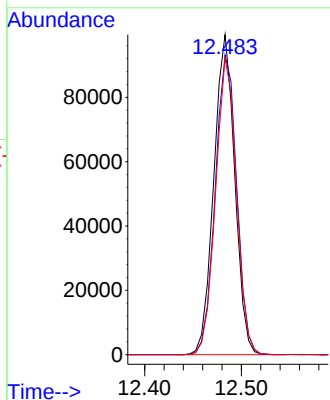
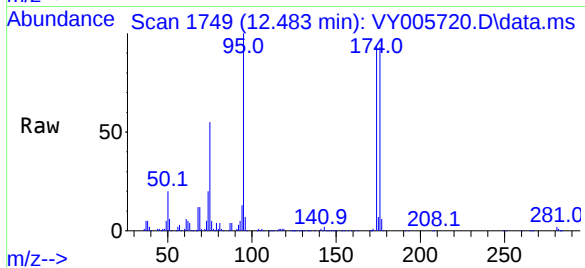




#62
4-Bromofluorobenzene
Concen: 58.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

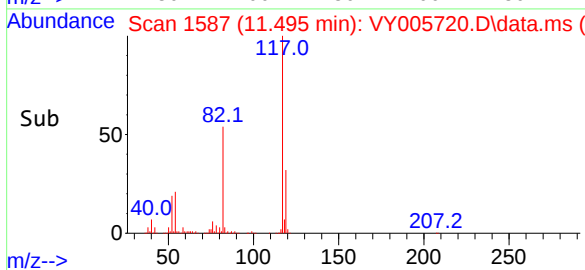
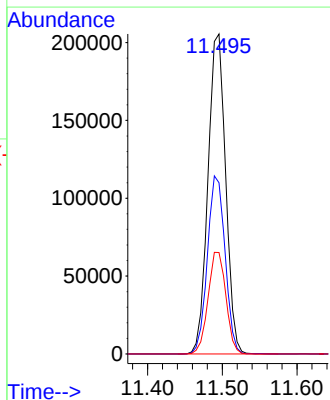
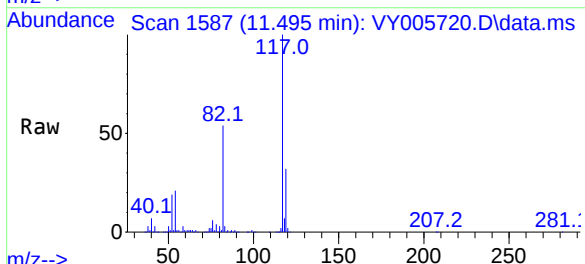
Instrument :
MSVOA_Y
ClientSampled :
PE-2

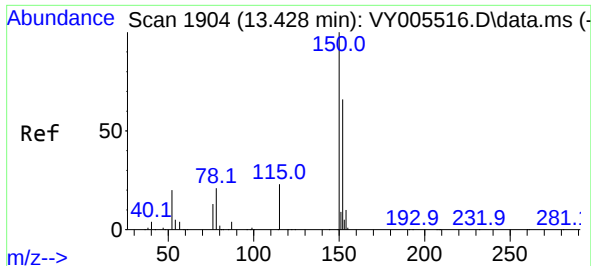
Tgt Ion: 95 Resp: 149569
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 92.1 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Tgt Ion: 117 Resp: 337314
Ion Ratio Lower Upper
117 100
82 53.5 43.5 65.3
119 31.7 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: VY005720.D
 Acq: 17 Aug 2021 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2

Tgt Ion:152 Resp: 174758
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.3 81.9
 150 157.5 0.0 350.2

