

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005719.D
 Acq On : 17 Aug 2021 18:39
 Operator : SY/MD
 Sample : M3430-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

Quant Time: Aug 18 01:53:12 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)

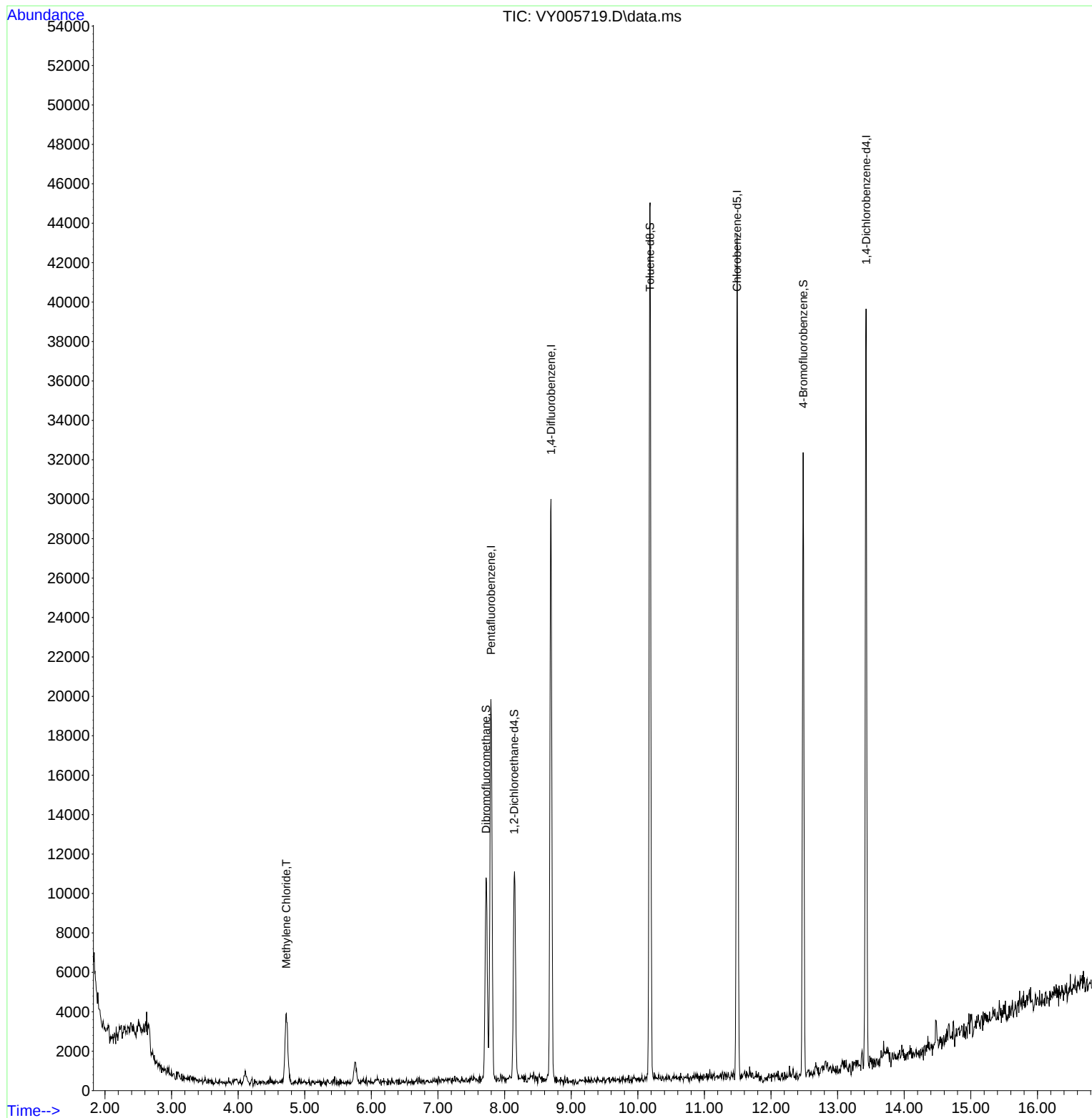
Internal Standards						
1) Pentafluorobenzene	7.795	168	15917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	24575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	8840	54.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.722	113	7099	51.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.185	98	30175	52.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.580%	
62) 4-Bromofluorobenzene	12.483	95	8948	46.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.660%	
Target Compounds						
20) Methylene Chloride	4.722	84	2491	10.704	ug/l	Qvalue # 96

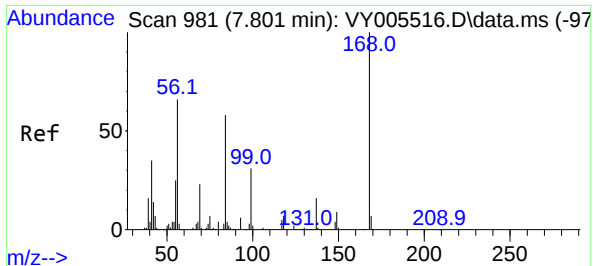
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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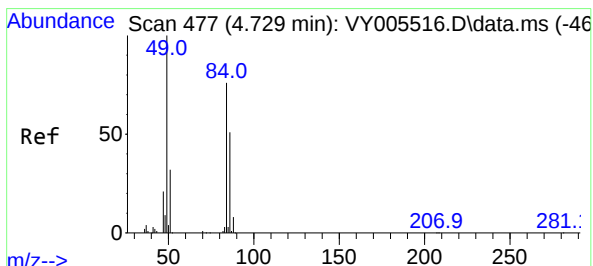
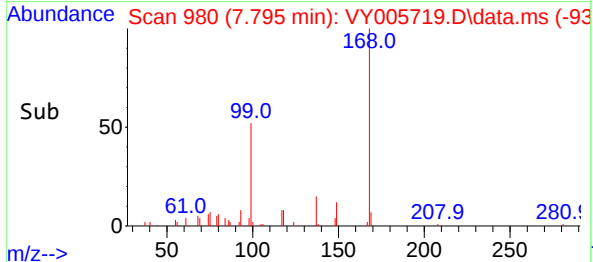
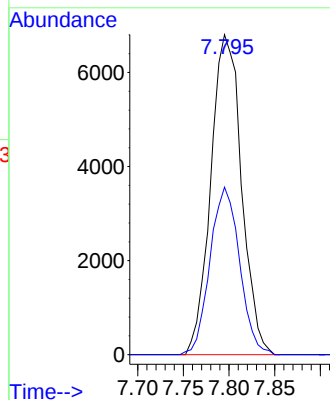
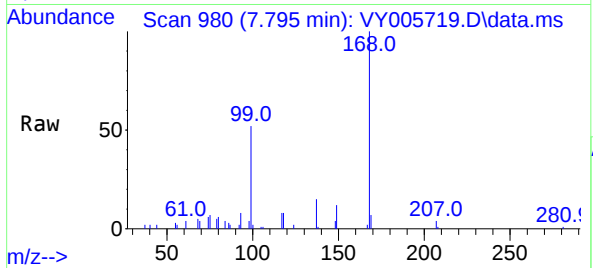




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005719.D
Acq: 17 Aug 2021 18:39

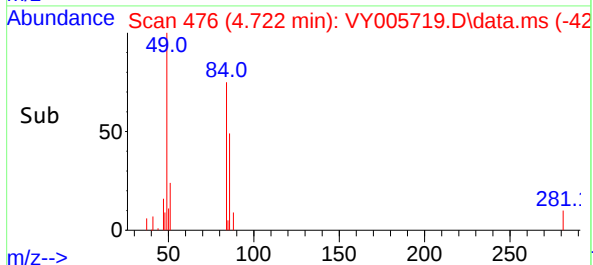
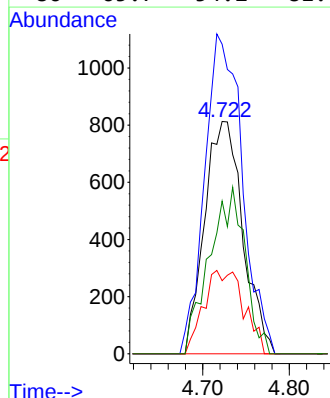
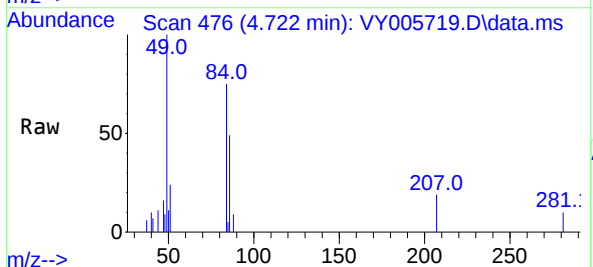
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

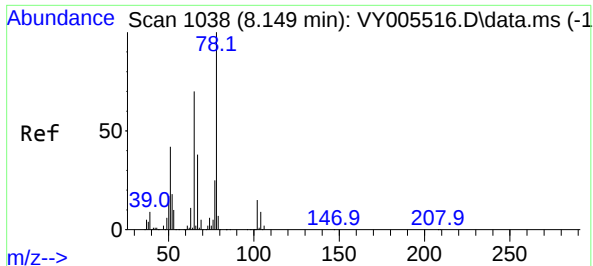
Tgt Ion:168 Resp: 15917
Ion Ratio Lower Upper
168 100
99 52.4 38.9 58.3



#20
Methylene Chloride
Concen: 10.704 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005719.D
Acq: 17 Aug 2021 18:39

Tgt Ion: 84 Resp: 2491
Ion Ratio Lower Upper
84 100
49 133.2 105.8 158.6
51 31.5 33.4 50.2#
86 65.7 54.2 81.4

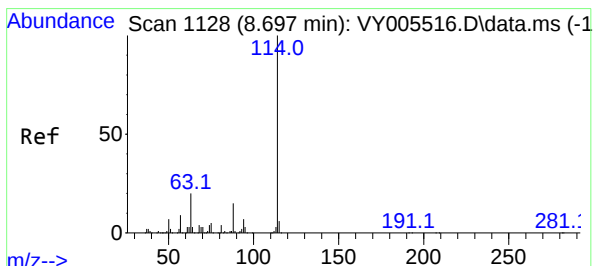
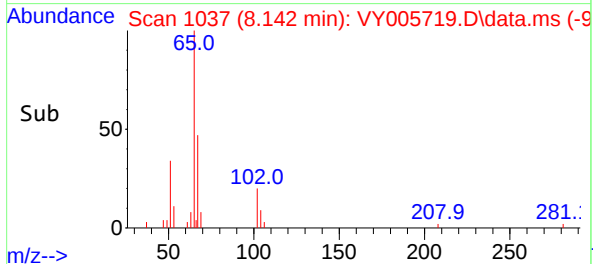
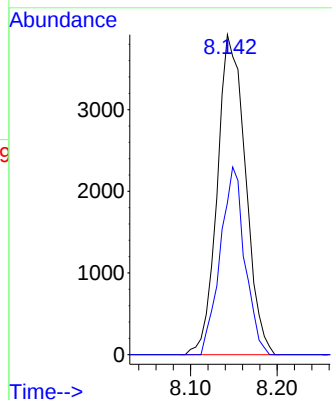
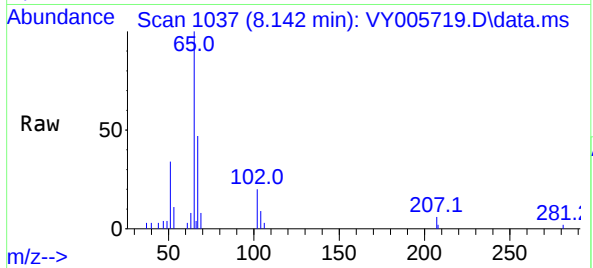




#33
1,2-Dichloroethane-d4
Concen: 54.866 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005719.D
Acq: 17 Aug 2021 18:39

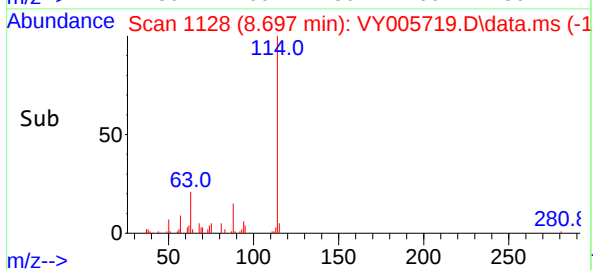
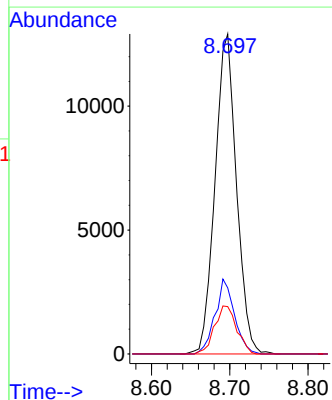
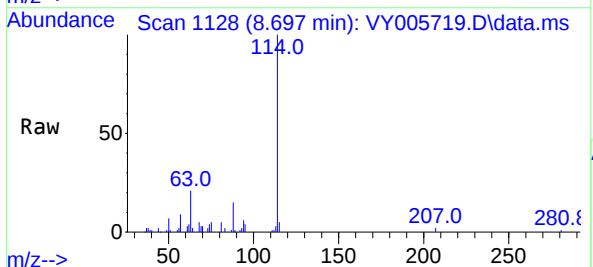
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

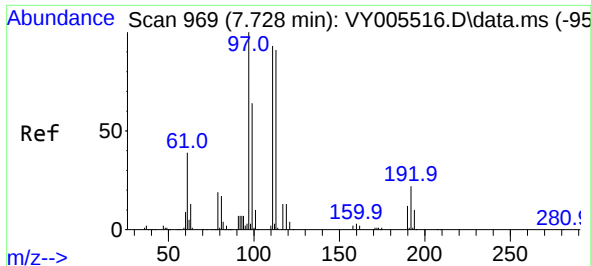
Tgt Ion: 65 Resp: 8840
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005719.D
Acq: 17 Aug 2021 18:39

Tgt Ion: 114 Resp: 24575
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.2
88 14.8 0.0 30.8

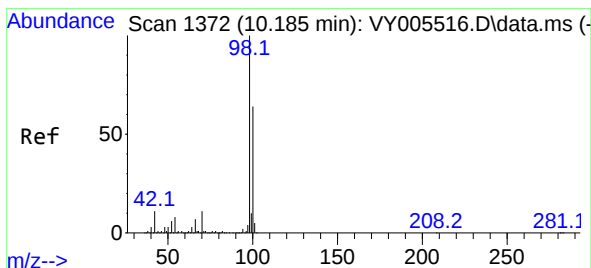
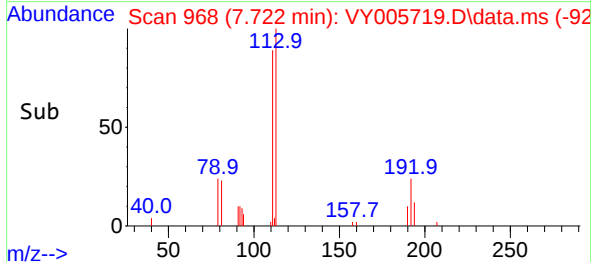
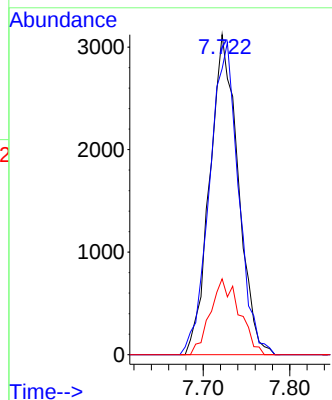
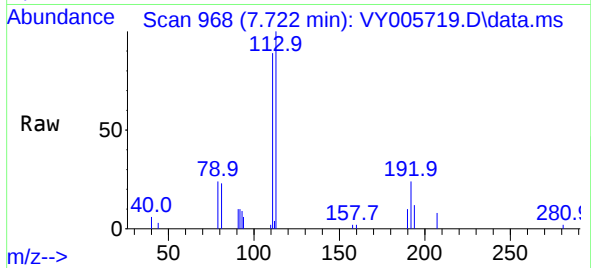




#35
Dibromofluoromethane
Concen: 51.596 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005719.D
Acq: 17 Aug 2021 18:39

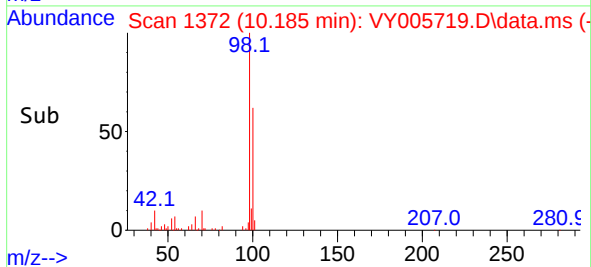
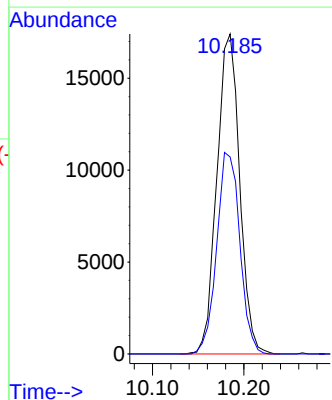
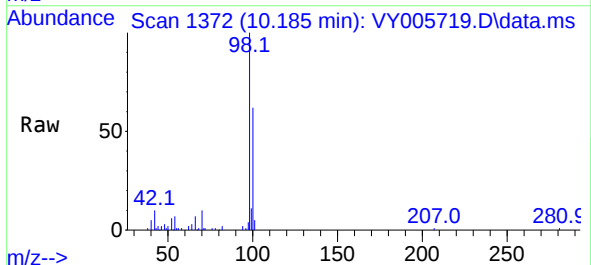
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

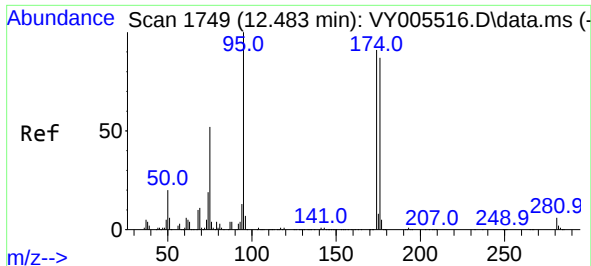
Tgt Ion:113 Resp: 7099
Ion Ratio Lower Upper
113 100
111 99.5 81.9 122.9
192 24.4 19.2 28.8



#50
Toluene-d8
Concen: 52.293 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005719.D
Acq: 17 Aug 2021 18:39

Tgt Ion: 98 Resp: 30175
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9

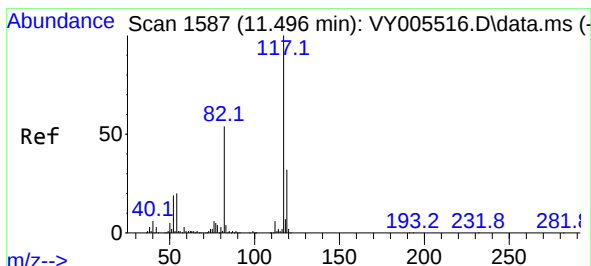
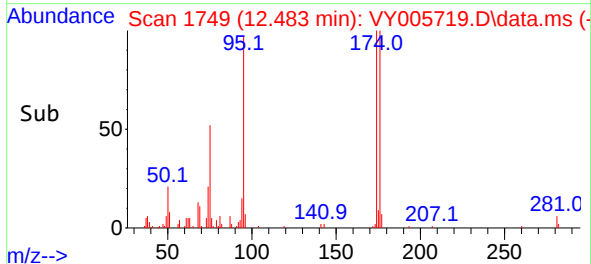
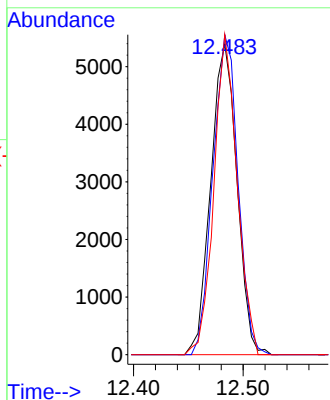
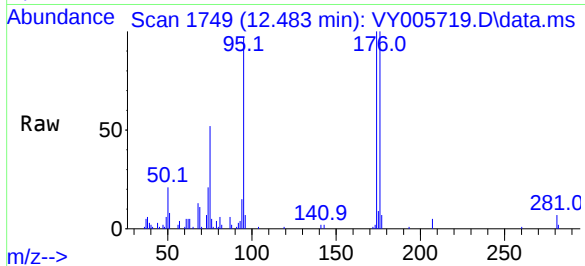




#62
4-Bromofluorobenzene
Concen: 46.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005719.D
Acq: 17 Aug 2021 18:39

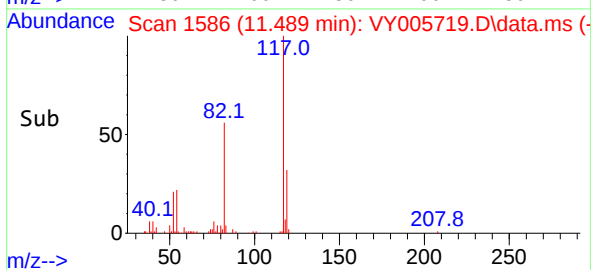
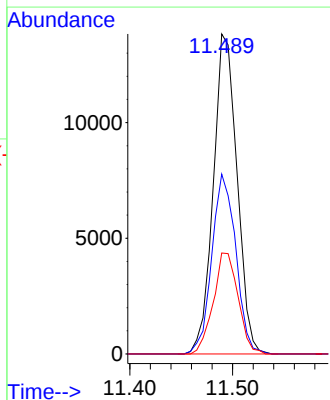
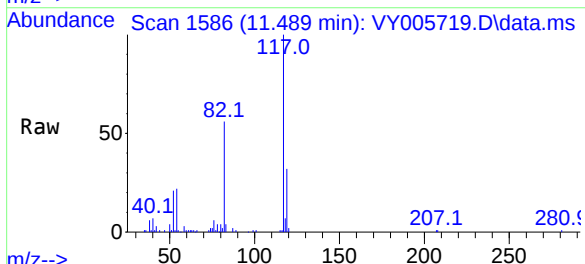
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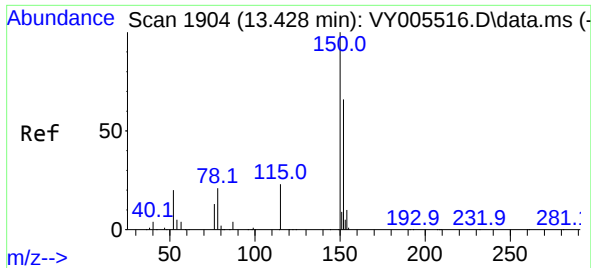
Tgt Ion:	95	Resp:	8948
Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	191.4
176	91.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005719.D
Acq: 17 Aug 2021 18:39

Tgt Ion:	117	Resp:	22181
Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.5	65.3
119	31.6	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: VY005719.D
 Acq: 17 Aug 2021 18:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

Tgt Ion:152 Resp: 9727
 Ion Ratio Lower Upper
 152 100
 115 53.5 27.3 81.9
 150 152.5 0.0 350.2

