

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005869.D
 Acq On : 26 Aug 2021 18:24
 Operator : SY/MD
 Sample : M3547-03RE
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2RE

Quant Time: Aug 27 03:27:14 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)

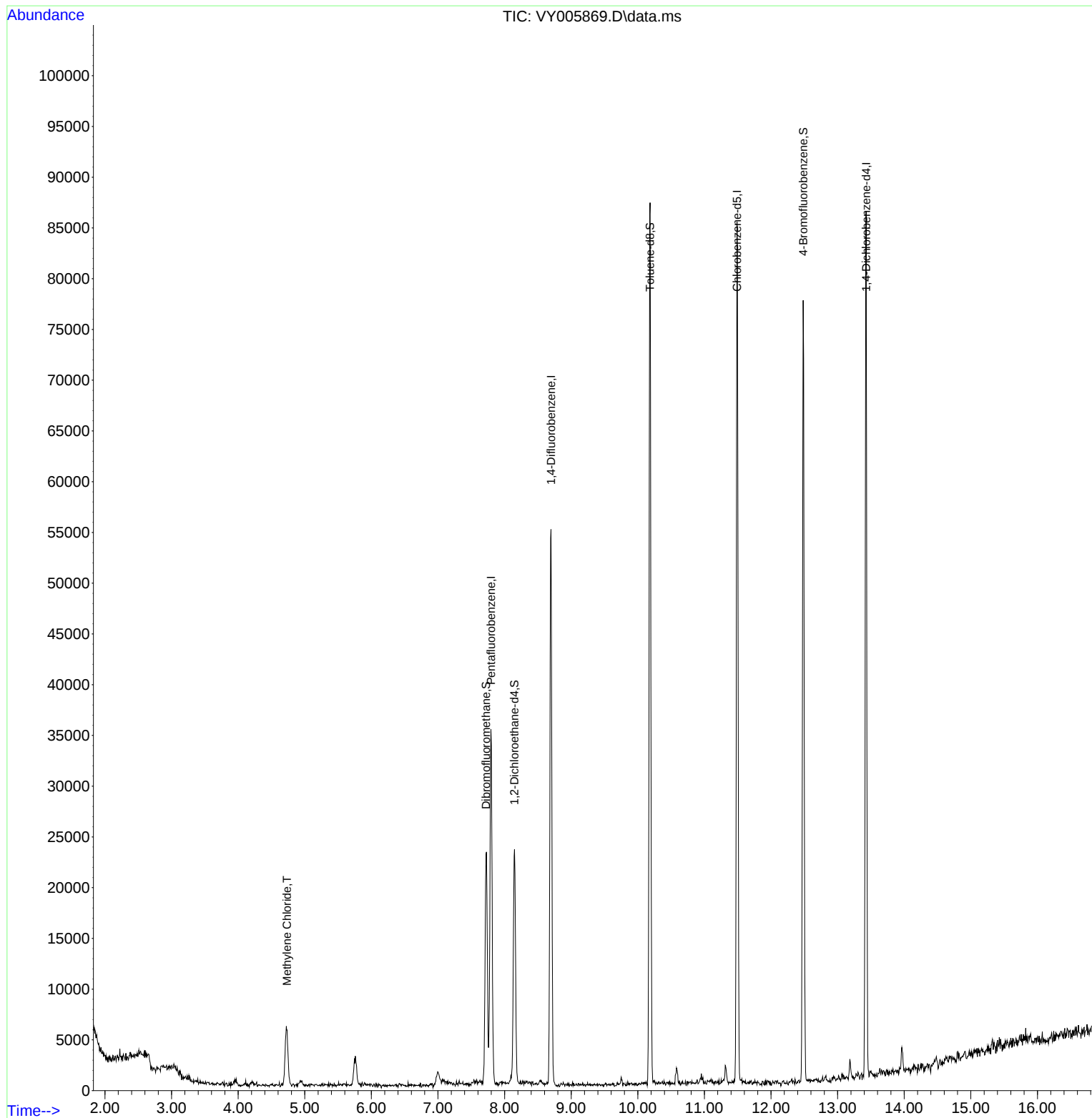
Internal Standards						
1) Pentafluorobenzene	7.795	168	29005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	47216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	19159	65.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.500%
35) Dibromofluoromethane	7.722	113	15854	59.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.940%
50) Toluene-d8	10.185	98	58310	52.595	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.483	95	19524	53.179	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.360%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	4350	9.970	ug/l #	74

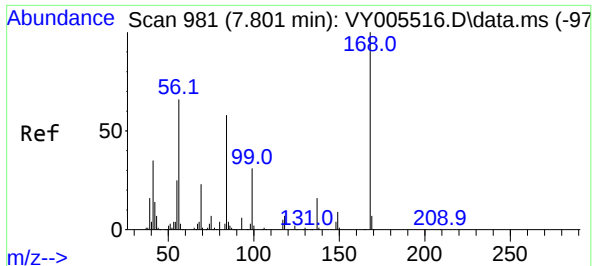
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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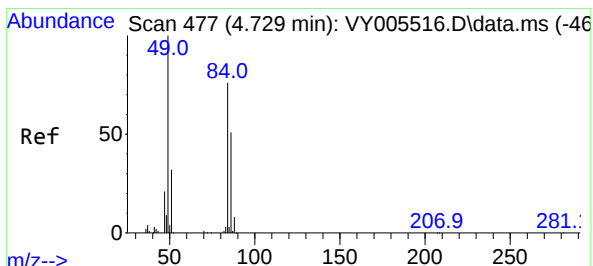
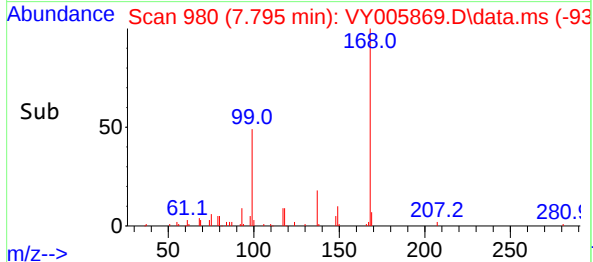
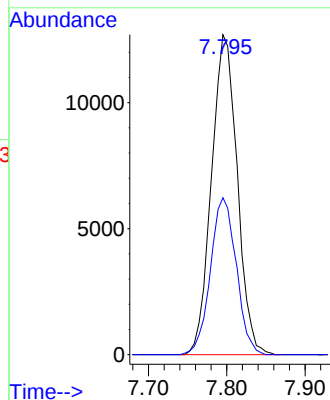
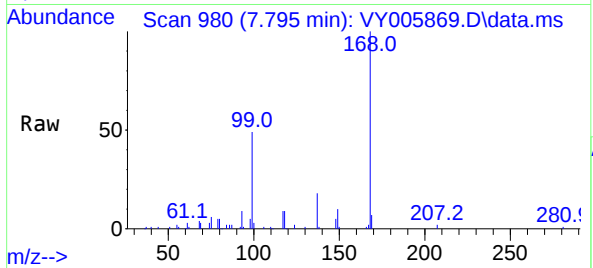




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

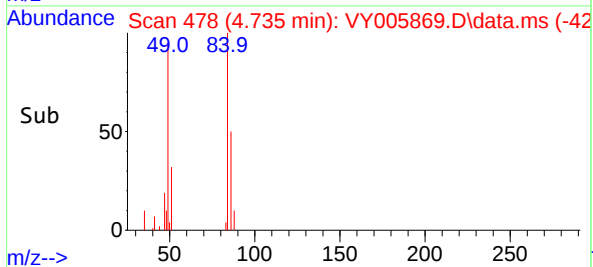
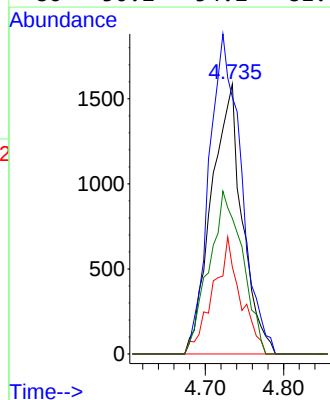
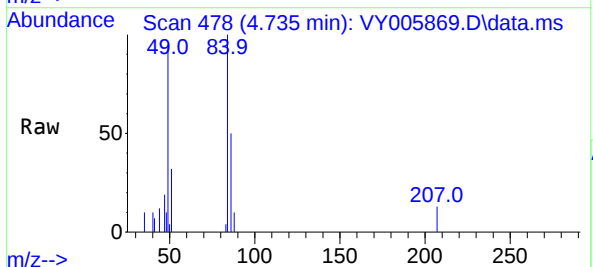
Instrument :
MSVOA_Y
ClientSampleId :
PE-2RE

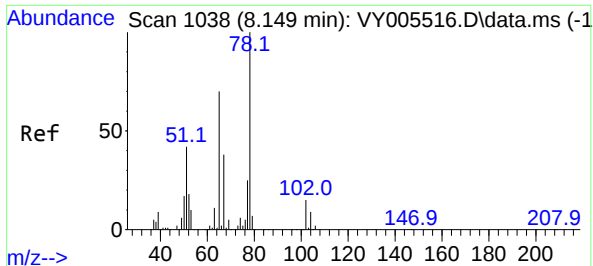
Tgt Ion:168 Resp: 29005
Ion Ratio Lower Upper
168 100
99 49.0 38.9 58.3



#20
Methylene Chloride
Concen: 9.970 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

Tgt Ion: 84 Resp: 4350
Ion Ratio Lower Upper
84 100
49 95.1 105.8 158.6#
51 32.2 33.4 50.2#
86 50.2 54.2 81.4#

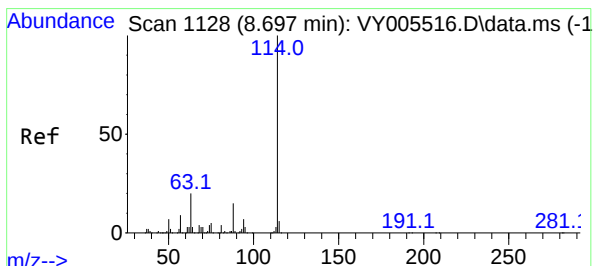
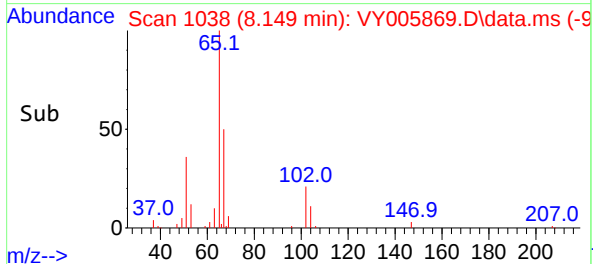
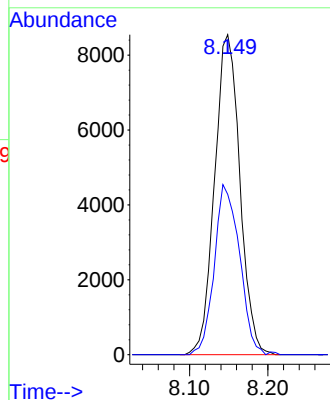
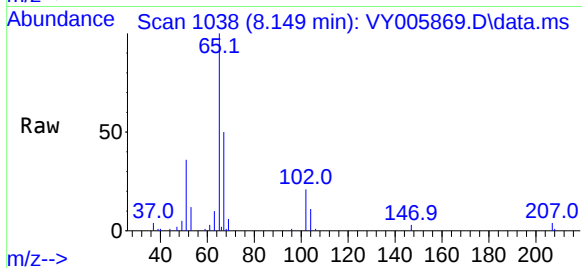




#33
1,2-Dichloroethane-d4
Concen: 65.255 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

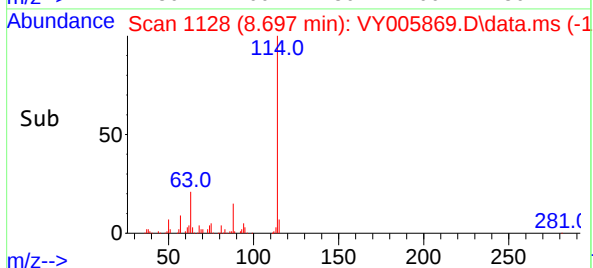
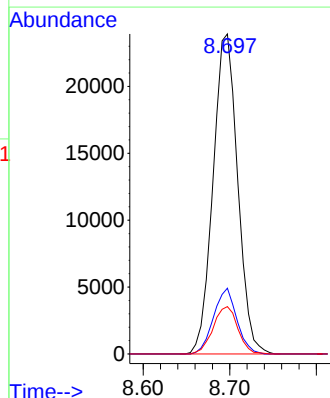
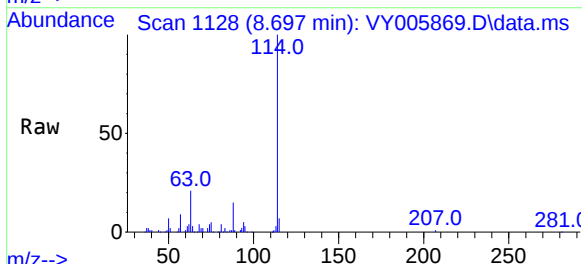
Instrument :
MSVOA_Y
ClientSampleId :
PE-2RE

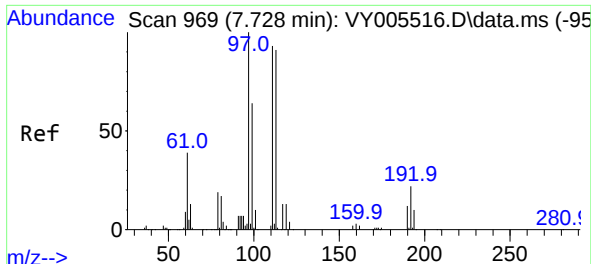
Tgt Ion: 65 Resp: 19159
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

Tgt Ion: 114 Resp: 47216
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.2
88 14.8 0.0 30.8

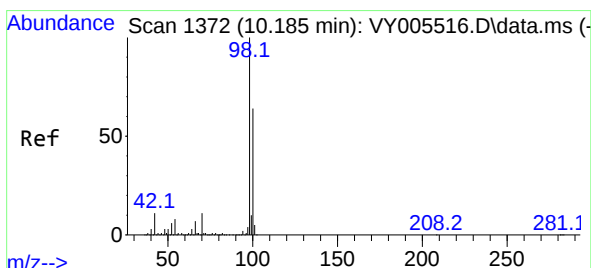
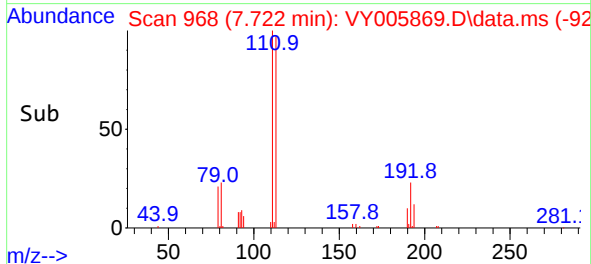
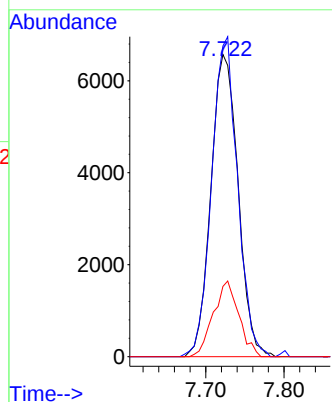
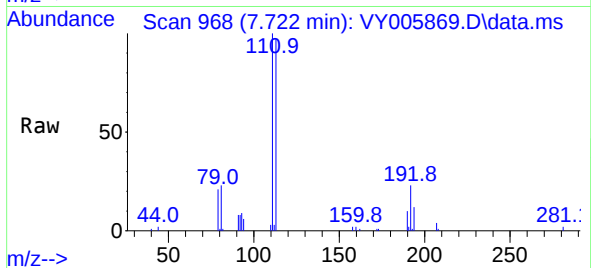




#35
Dibromofluoromethane
Concen: 59.973 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

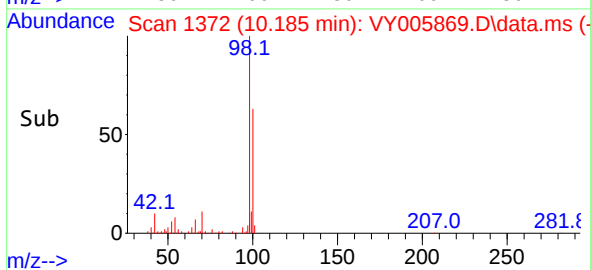
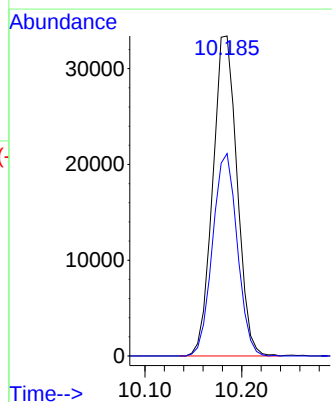
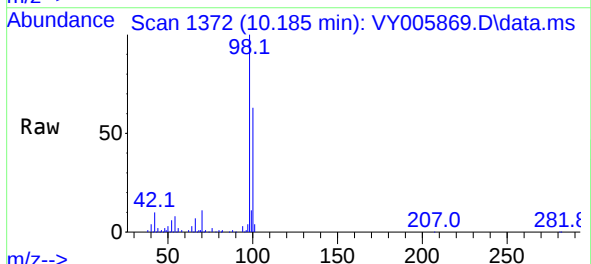
Instrument :
MSVOA_Y
ClientSampleId :
PE-2RE

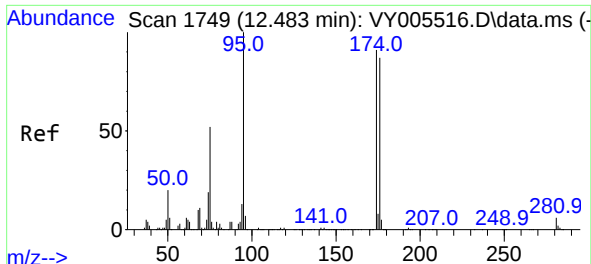
Tgt Ion:	113	Resp:	15854
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.9	122.9
192	23.4	19.2	28.8



#50
Toluene-d8
Concen: 52.595 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

Tgt Ion:	98	Resp:	58310
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.3	76.9

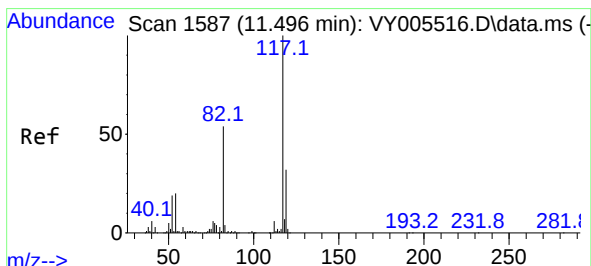
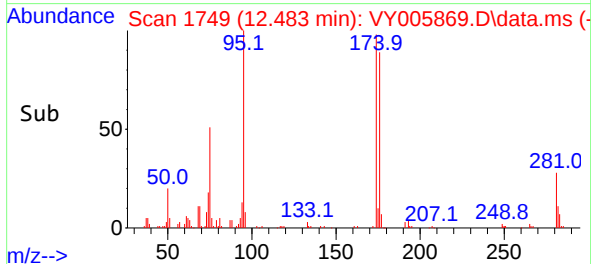
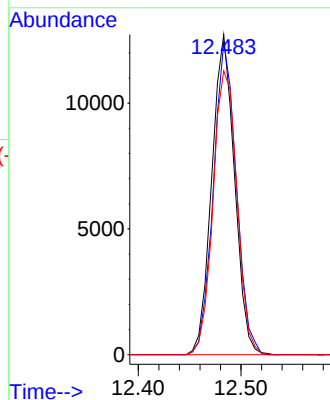
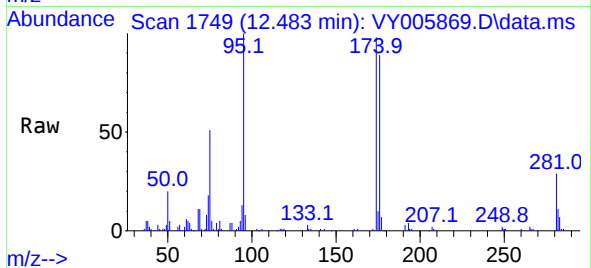




#62
4-Bromofluorobenzene
Concen: 53.179 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

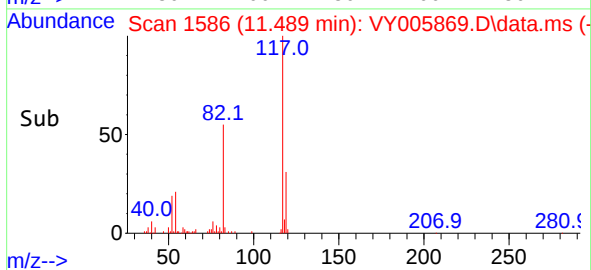
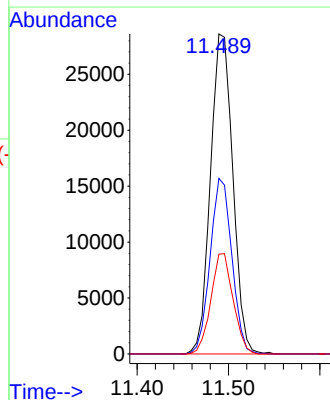
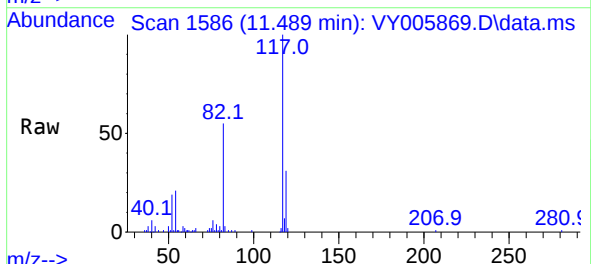
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ClientSampleId :
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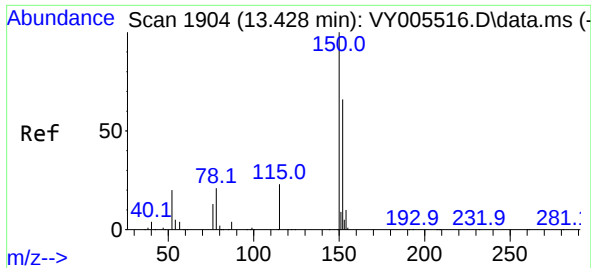
Tgt Ion:	95	Resp:	19524
Ion Ratio	Lower	Upper	
95	100		
174	98.1	0.0	191.4
176	93.4	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

Tgt Ion:	117	Resp:	48667
Ion Ratio	Lower	Upper	
117	100		
82	54.8	43.5	65.3
119	31.2	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: VY005869.D
 Acq: 26 Aug 2021 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2RE

Tgt Ion:152 Resp: 22898

Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.3	81.9
150	157.0	0.0	350.2

