

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006284.D
 Acq On : 04 Oct 2021 18:19
 Operator : SY/MD
 Sample : M4056-10
 Misc : 5.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-8

Quant Time: Oct 05 06:38:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	111299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78967	66.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.58%
35) Dibromofluoromethane	7.722	113	54270	55.93	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.86%
50) Toluene-d8	10.179	98	225260	55.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.94%
62) 4-Bromofluorobenzene	12.483	95	63558	46.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.14%

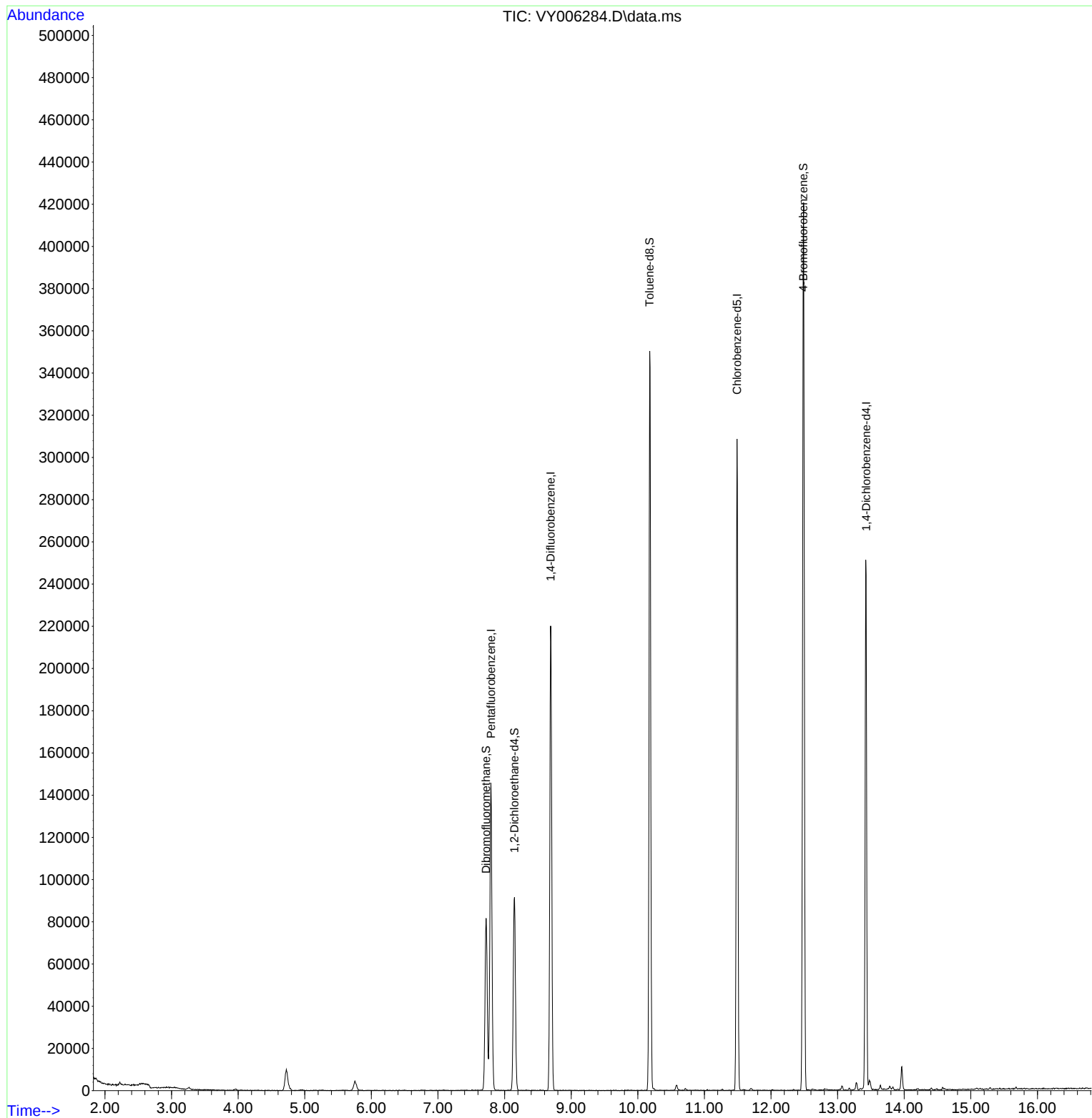
Target Compounds	Qvalue

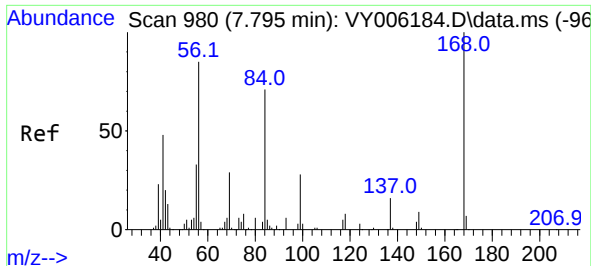
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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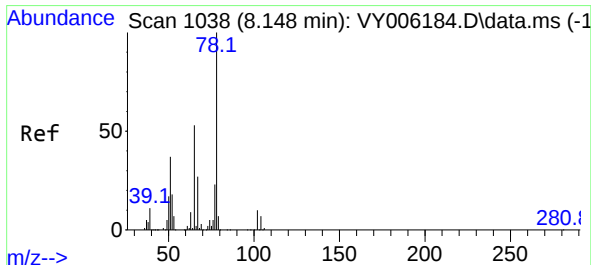
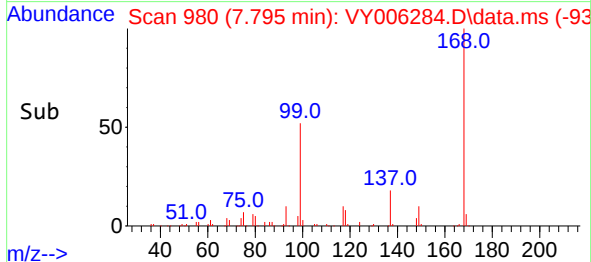
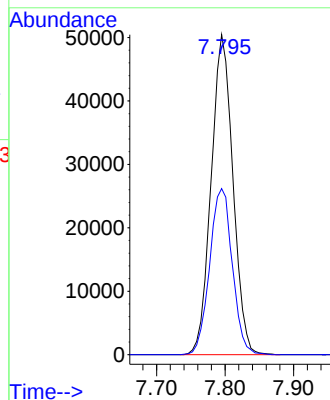
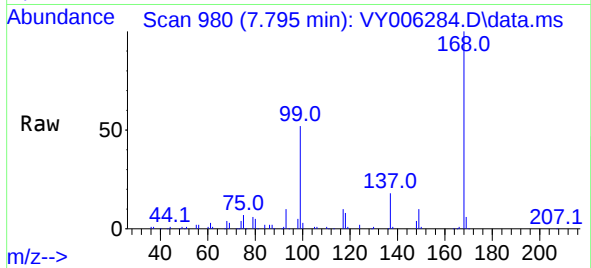




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006284.D
Acq: 04 Oct 2021 18:19

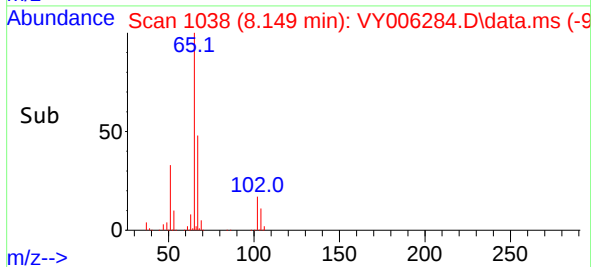
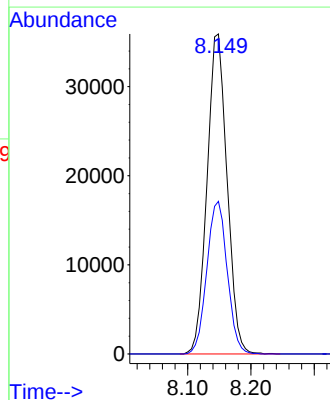
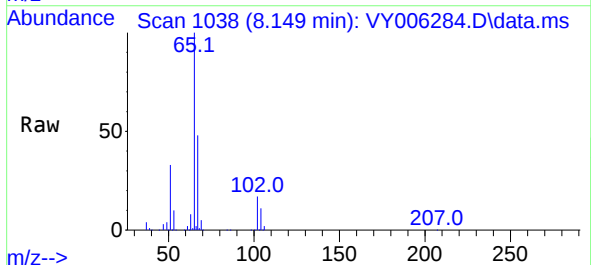
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-8

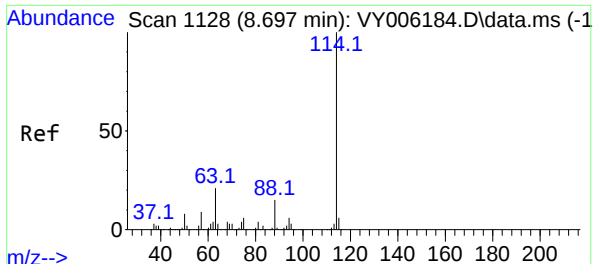
Tgt Ion:168 Resp: 111299
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.29 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006284.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 65 Resp: 78967
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.4

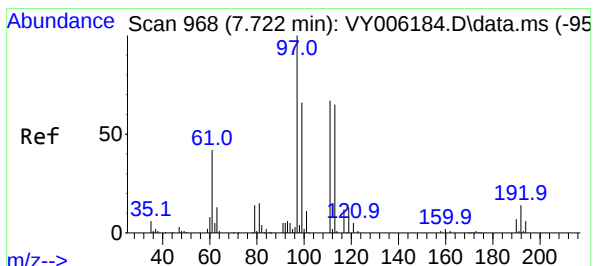
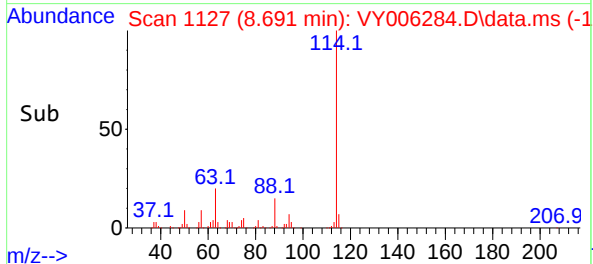
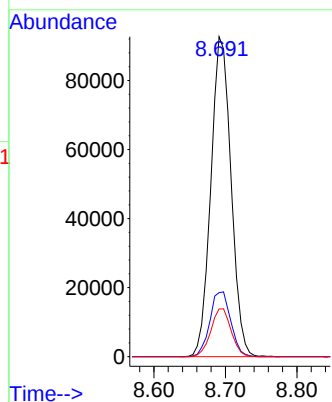
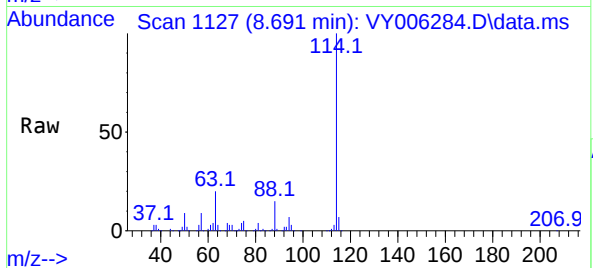




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006284.D
Acq: 04 Oct 2021 18:19

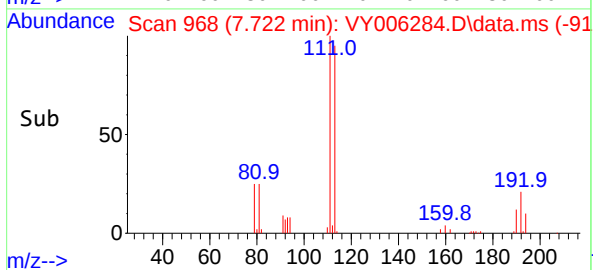
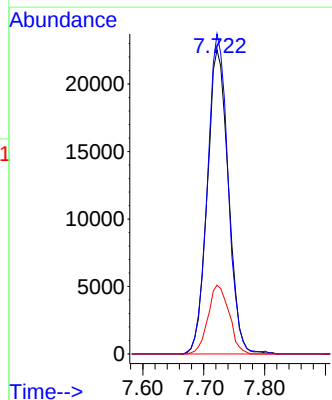
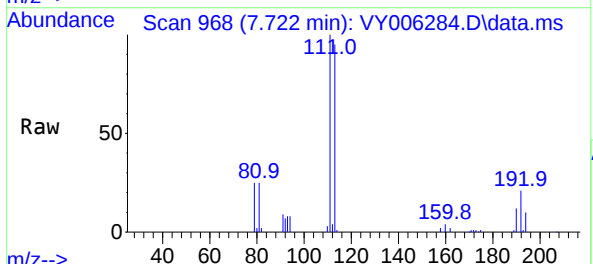
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STOCK-PILE-PENINSULA-1B-8

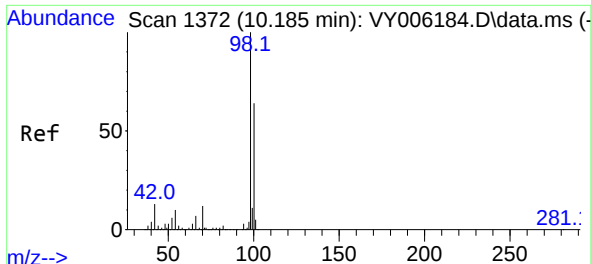
Tgt Ion:	114	Resp:	181612
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.93 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006284.D
Acq: 04 Oct 2021 18:19

Tgt Ion:	113	Resp:	54270
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	22.6	17.6	26.4

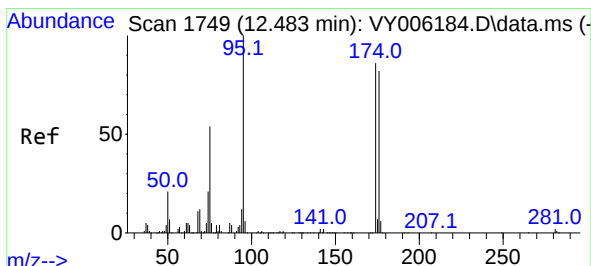
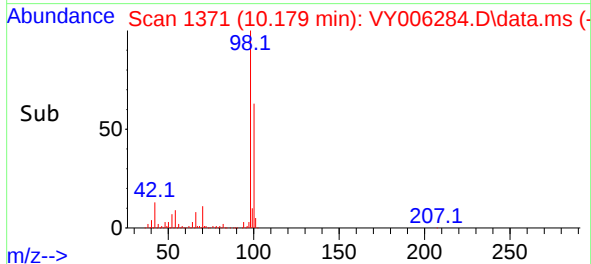
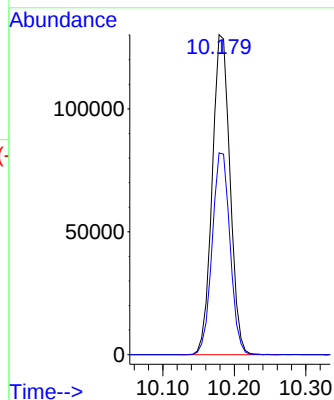
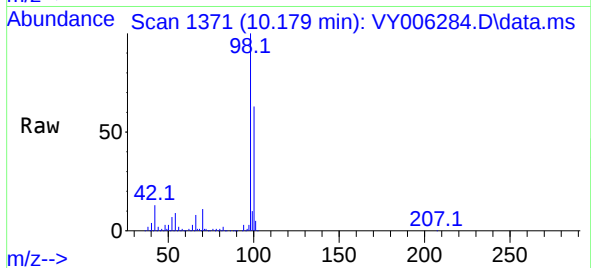




#50
Toluene-d8
Concen: 55.47 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006284.D
Acq: 04 Oct 2021 18:19

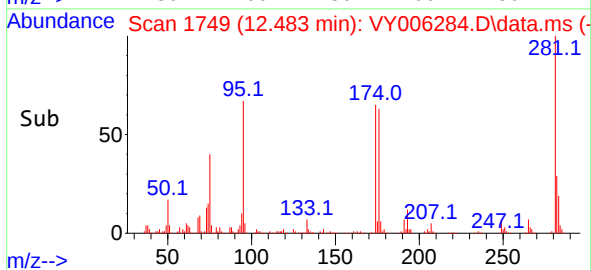
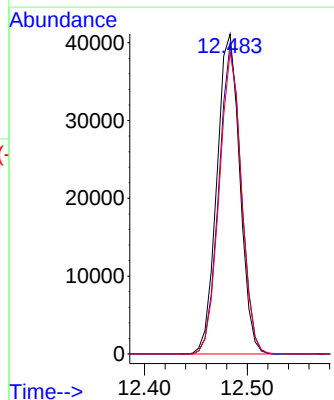
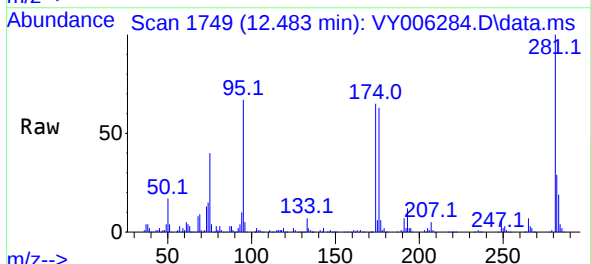
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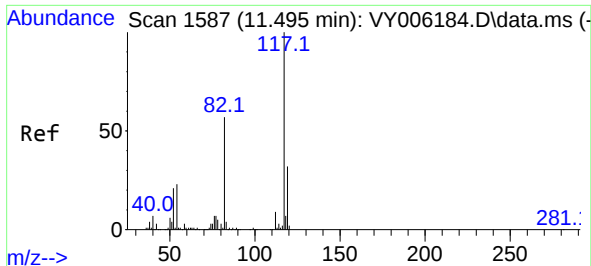
Tgt Ion: 98 Resp: 225260
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.07 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006284.D
Acq: 04 Oct 2021 18:19

Tgt Ion: 95 Resp: 63558
Ion Ratio Lower Upper
95 100
174 94.0 0.0 177.0
176 91.6 0.0 175.8



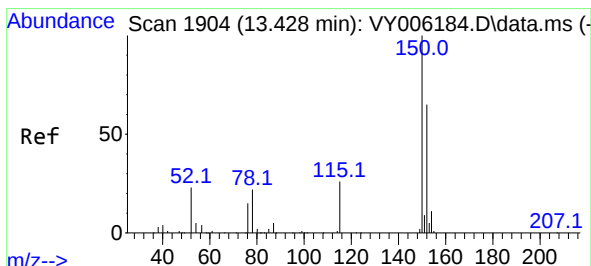
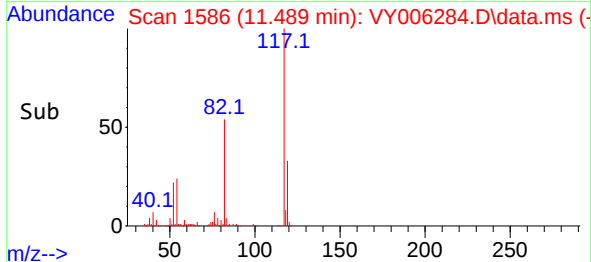
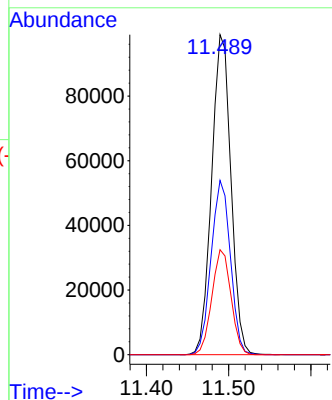
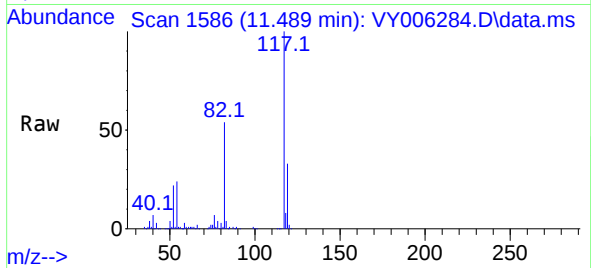


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006284.D
Acq: 04 Oct 2021 18:19

Instrument :
MSVOA_Y
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Tgt Ion:117 Resp: 161609

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	32.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006284.D
Acq: 04 Oct 2021 18:19

Tgt Ion:152 Resp: 63974

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	154.6	0.0	347.6

