

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006288.D
 Acq On : 04 Oct 2021 19:51
 Operator : SY/MD
 Sample : M4056-14
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-12

Quant Time: Oct 05 06:38:55 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	99164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	132509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62613	58.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.98%
35) Dibromofluoromethane	7.728	113	45039	54.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.66%
50) Toluene-d8	10.185	98	192153	55.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.76%
62) 4-Bromofluorobenzene	12.483	95	51964	44.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.18%

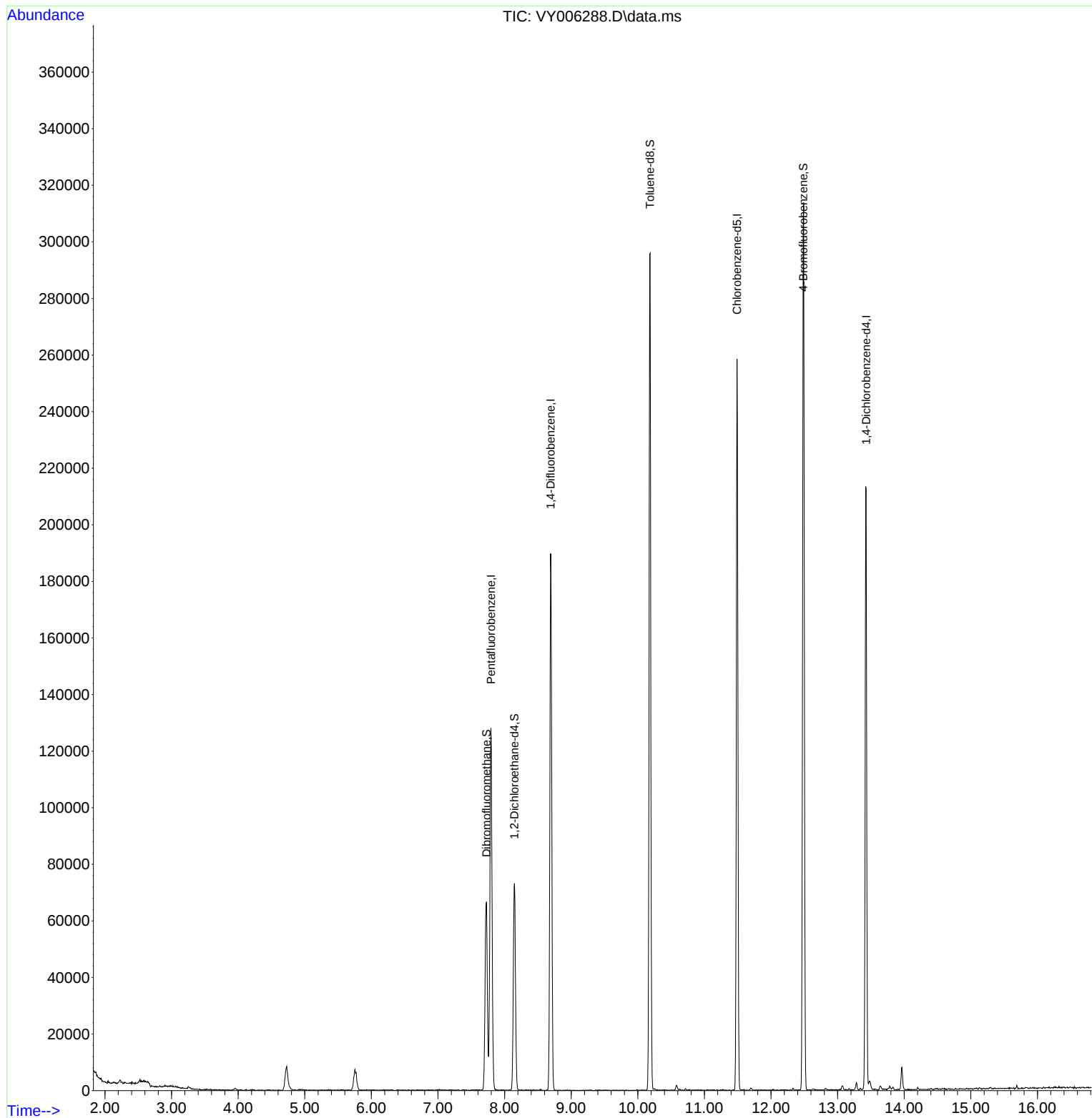
Target Compounds	Qvalue

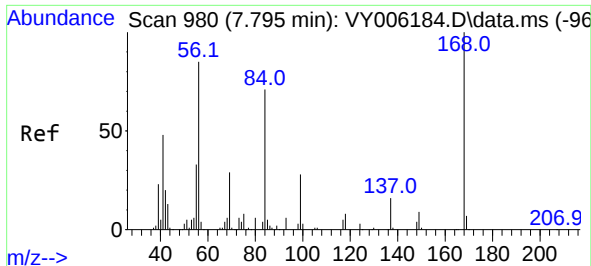
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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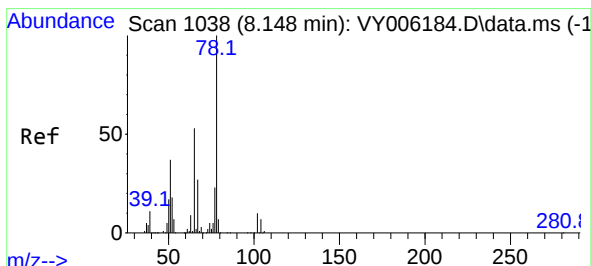
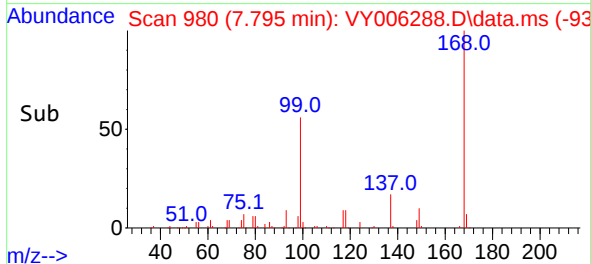
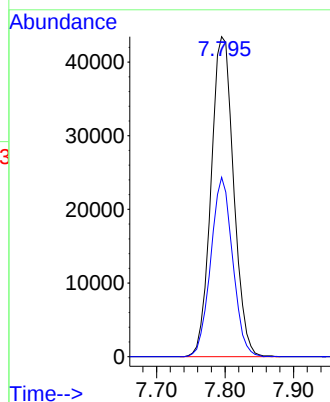
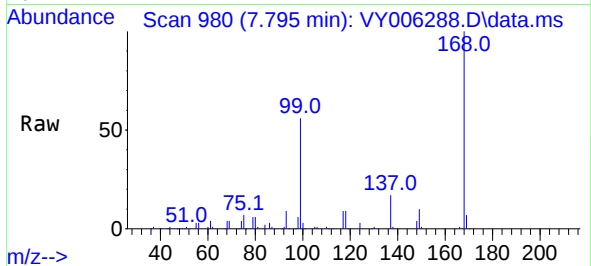




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

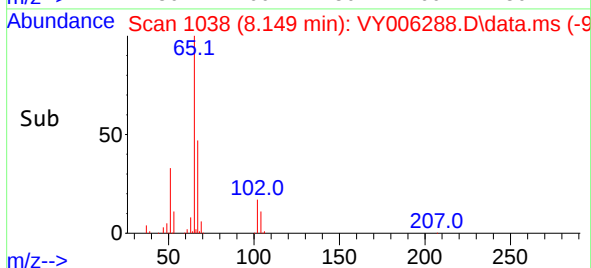
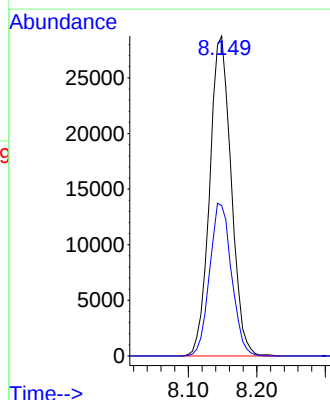
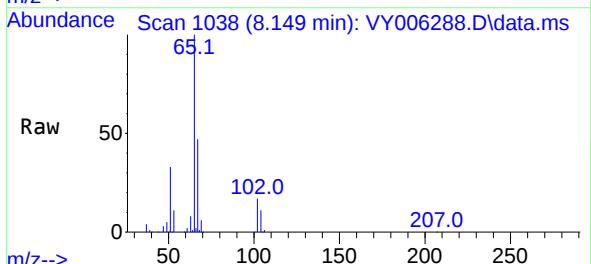
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-12

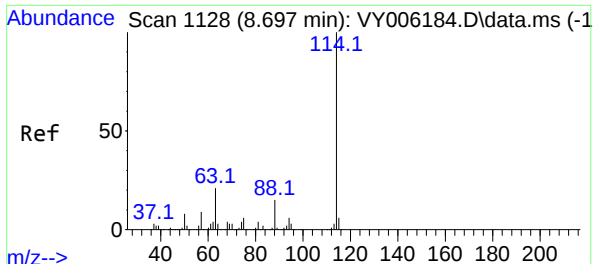
Tgt Ion:168 Resp: 99164
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.99 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion: 65 Resp: 62613
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.4

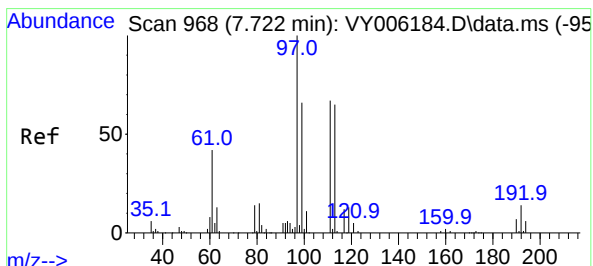
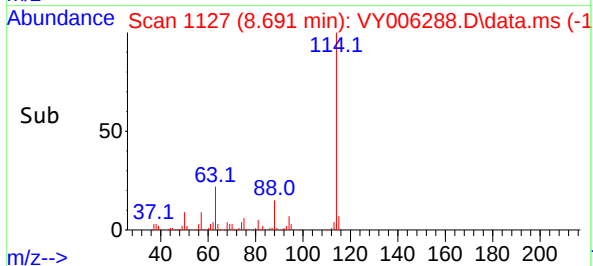
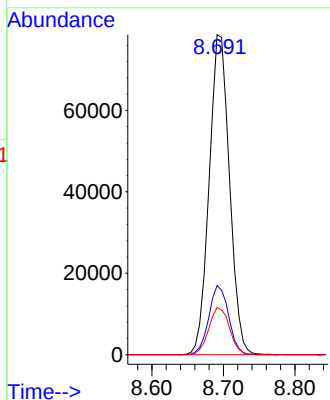
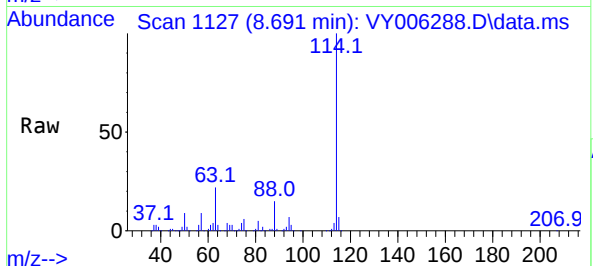




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

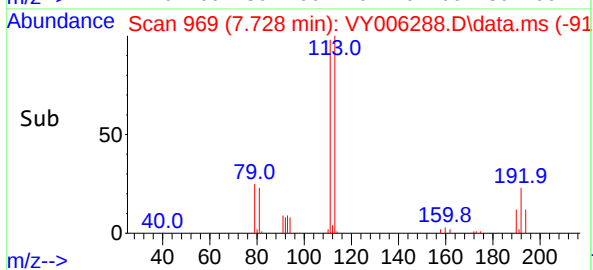
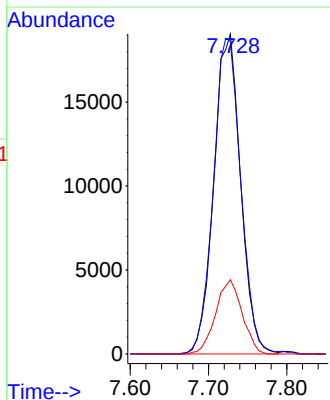
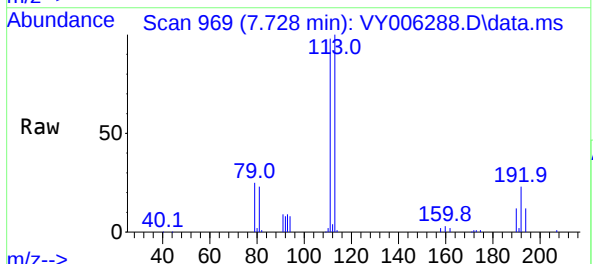
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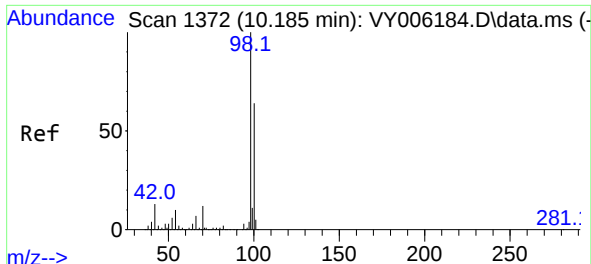
Tgt Ion:	114	Resp:	155167
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	14.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 54.33 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion:	113	Resp:	45039
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	23.0	17.6	26.4

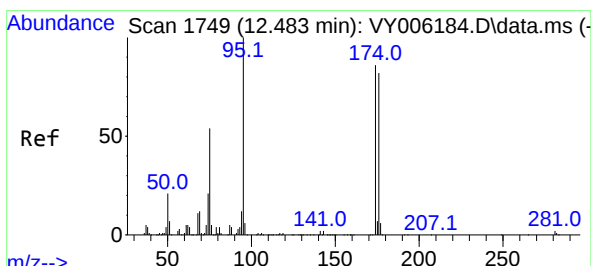
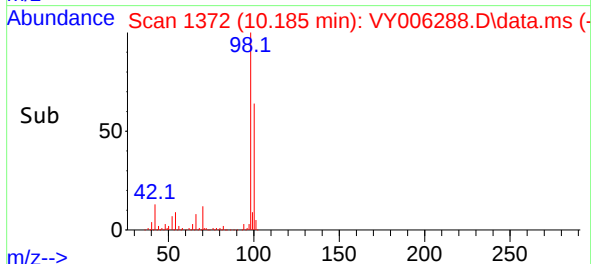
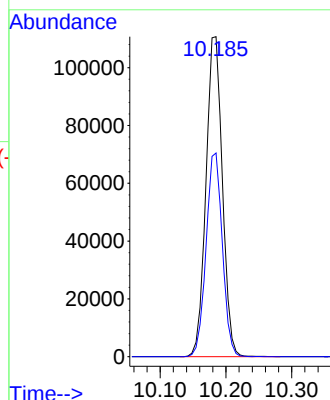
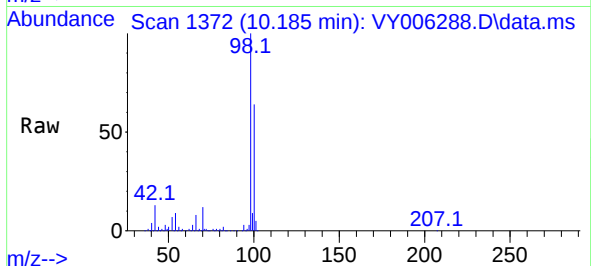




#50
Toluene-d8
Concen: 55.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

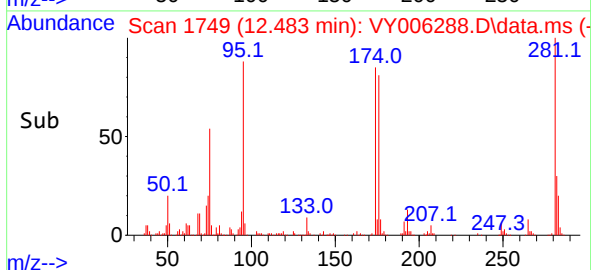
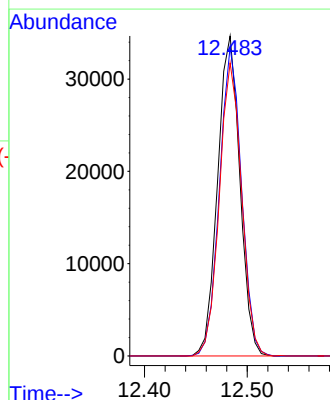
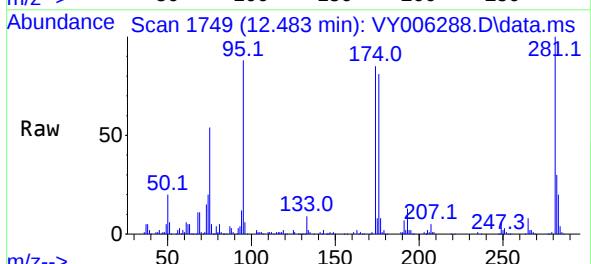
Instrument :
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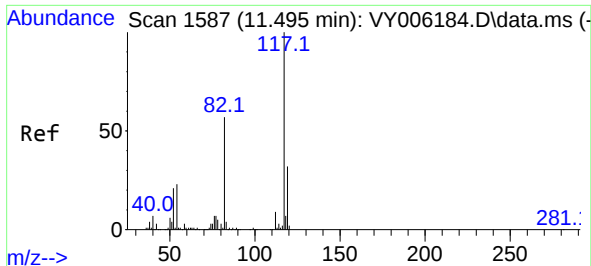
Tgt Ion: 98 Resp: 192153
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion: 95 Resp: 51964
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 91.7 0.0 175.8

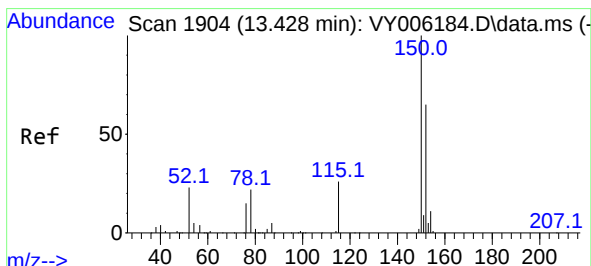
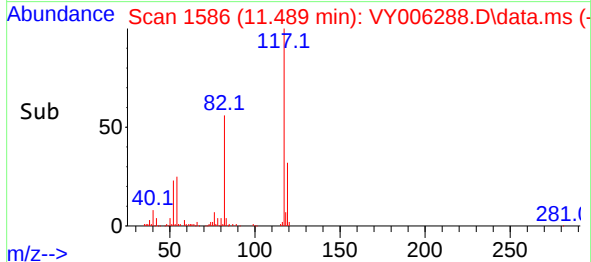
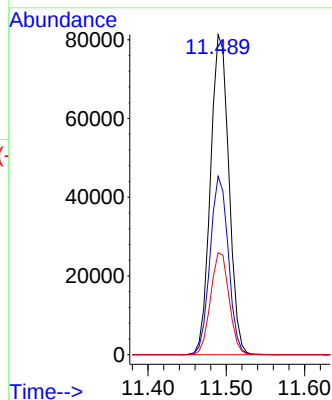
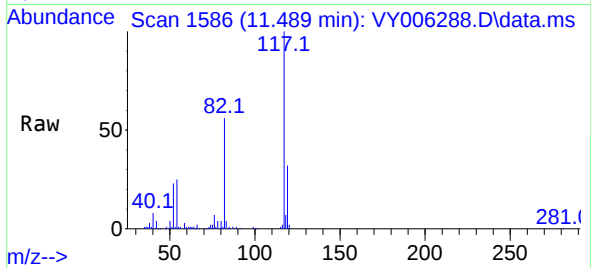




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-12

Tgt Ion:117 Resp: 132509
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.9 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: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion:152 Resp: 54239
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 159.9 0.0 347.6

