

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006278.D
 Acq On : 04 Oct 2021 15:59
 Operator : SY/MD
 Sample : M4056-04
 Misc : 5.37G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-2

Quant Time: Oct 05 06:37:34 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)

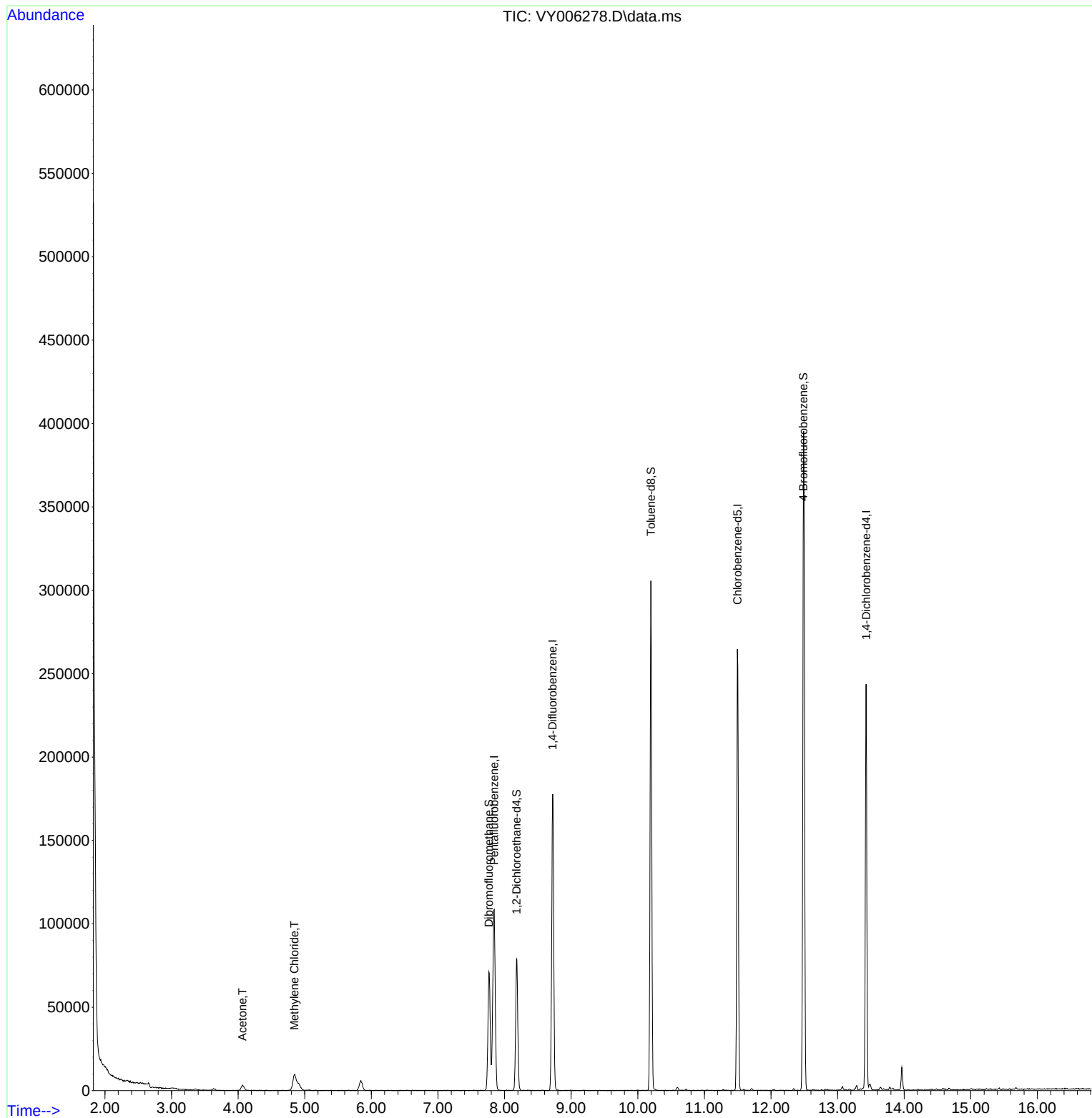
Internal Standards						
1) Pentafluorobenzene	7.844	168	96396	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.722	114	153883	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.496	117	139179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	67008	64.95	ug/l	0.03
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.90%	
35) Dibromofluoromethane	7.765	113	47994	58.38	ug/l	0.04
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.76%	
50) Toluene-d8	10.197	98	191383	55.62	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.24%	
62) 4-Bromofluorobenzene	12.483	95	57460	49.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.32%	
Target Compounds						
					Qvalue	
16) Acetone	4.064	43	6636	23.03	ug/l #	89
20) Methylene Chloride	4.844	84	11484	8.45	ug/l #	92

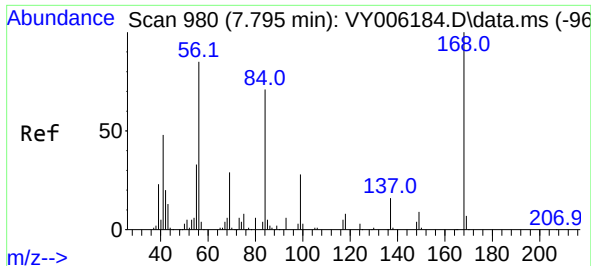
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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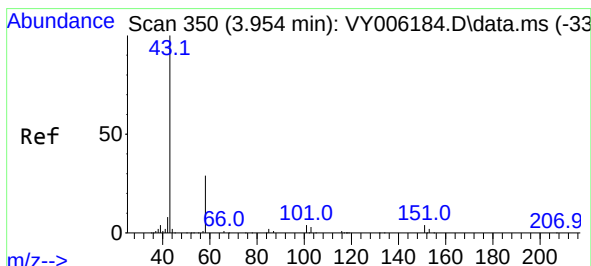
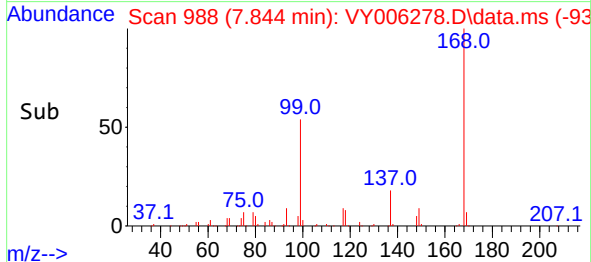
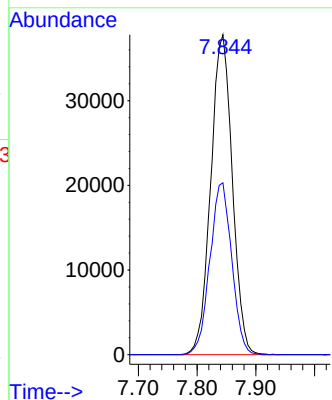
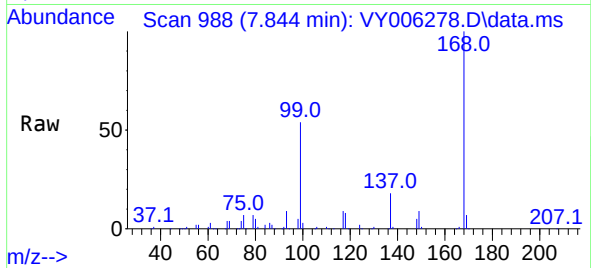




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.844 min Scan# 988
Delta R.T. 0.049 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

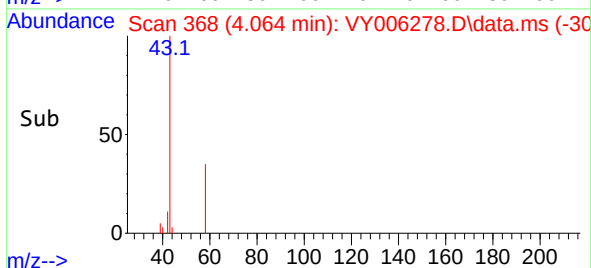
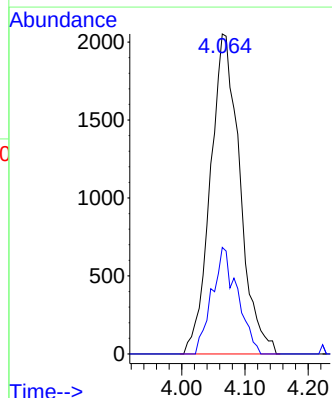
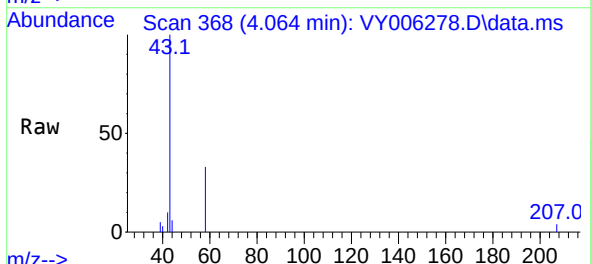
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-2

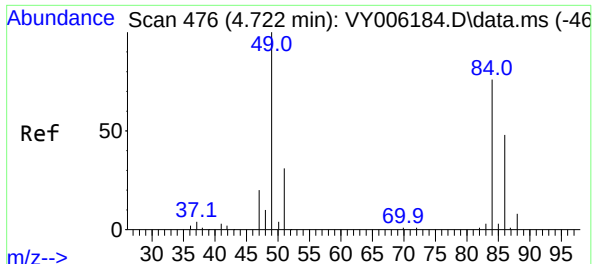
Tgt Ion:168 Resp: 96396
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 23.03 ug/l
RT: 4.064 min Scan# 368
Delta R.T. 0.110 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion: 43 Resp: 6636
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#



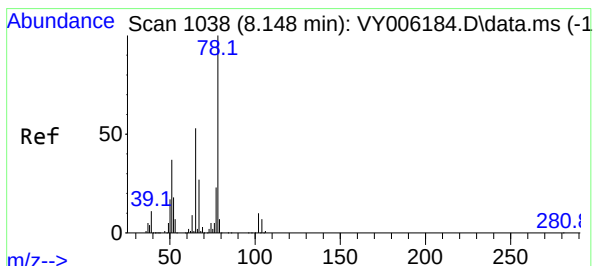
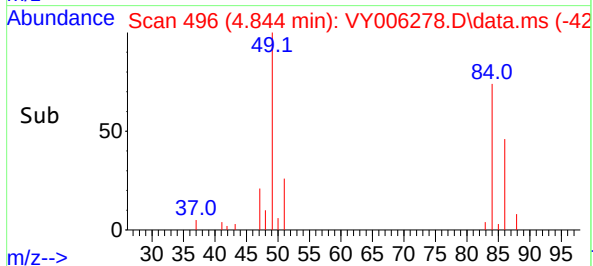
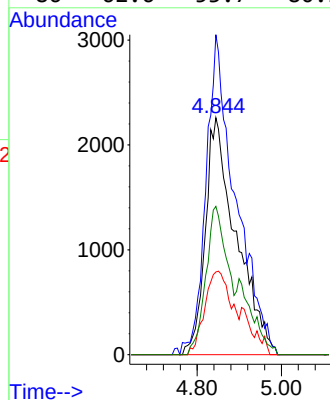
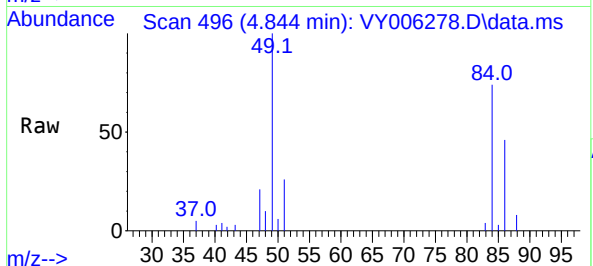


#20
Methylene Chloride
Concen: 8.45 ug/l
RT: 4.844 min Scan# 496
Delta R.T. 0.122 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-2

Tgt Ion: 84 Resp: 11484

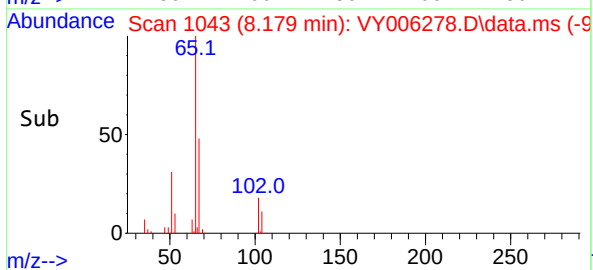
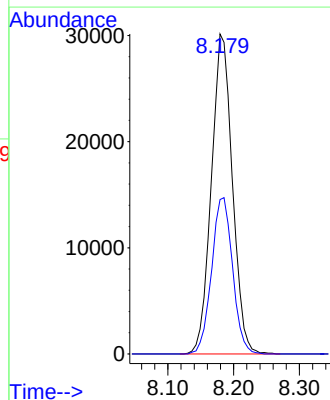
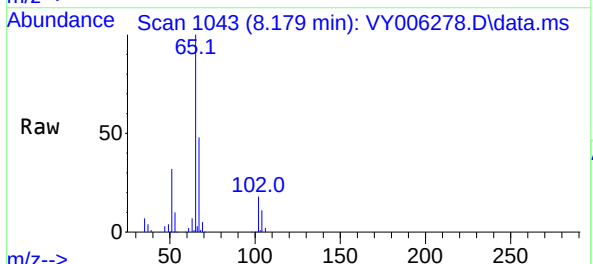
Ion	Ratio	Lower	Upper
84	100		
49	135.0	114.4	171.6
51	34.9	35.3	52.9#
86	62.6	53.7	80.5

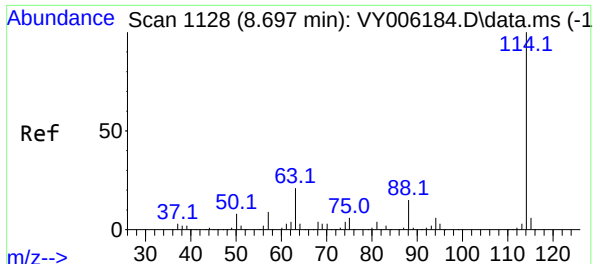


#33
1,2-Dichloroethane-d4
Concen: 64.95 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.031 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion: 65 Resp: 67008

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.4

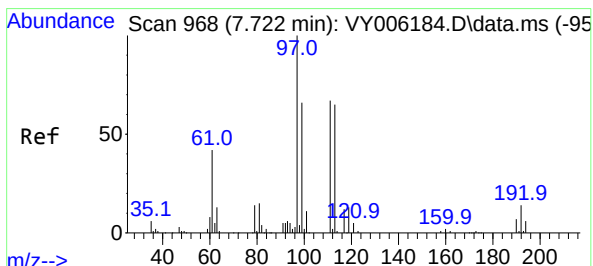
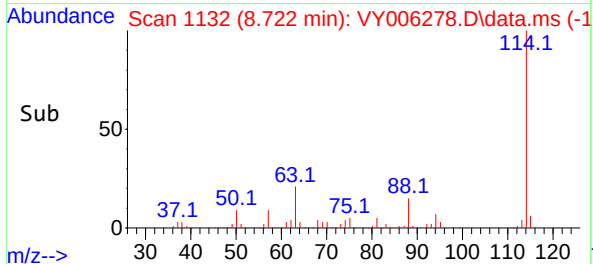
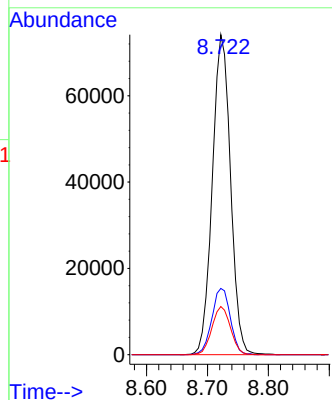
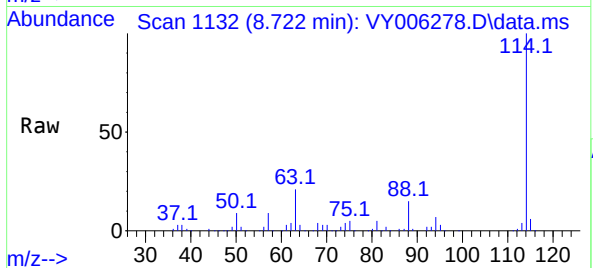




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.025 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

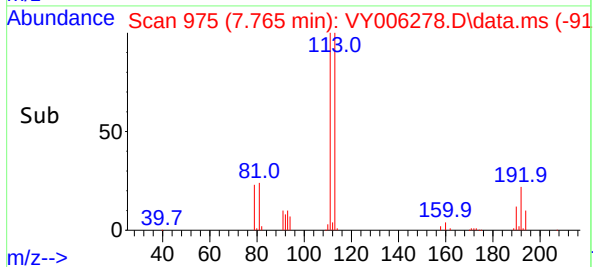
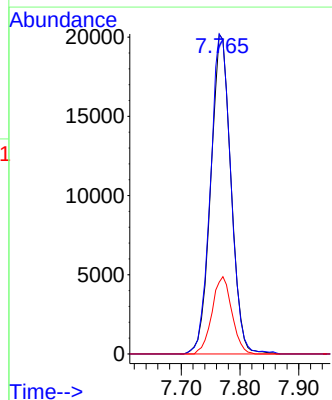
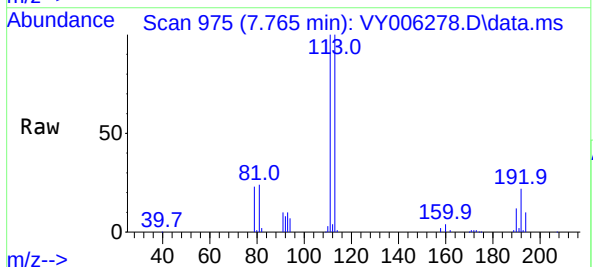
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-2

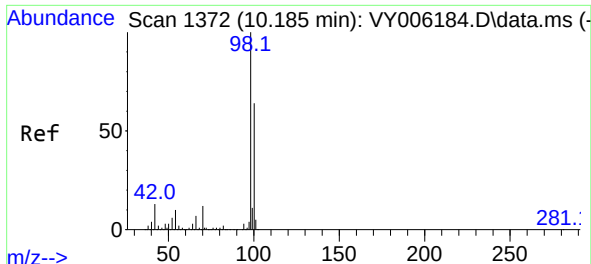
Tgt Ion:114 Resp: 153883
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 58.38 ug/l
RT: 7.765 min Scan# 975
Delta R.T. 0.043 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion:113 Resp: 47994
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 23.8 17.6 26.4

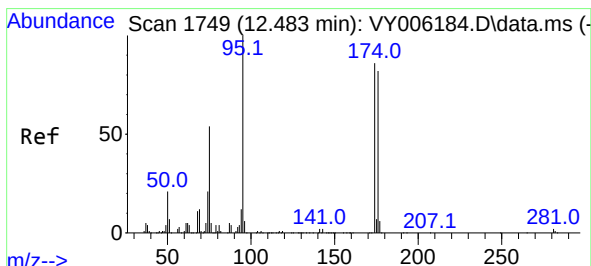
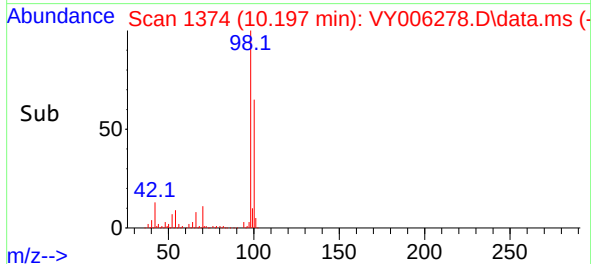
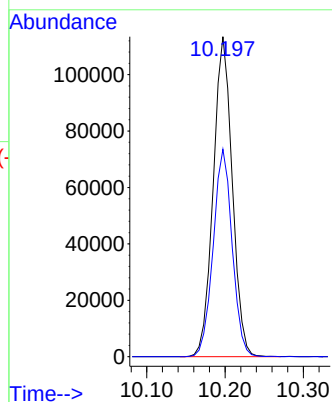
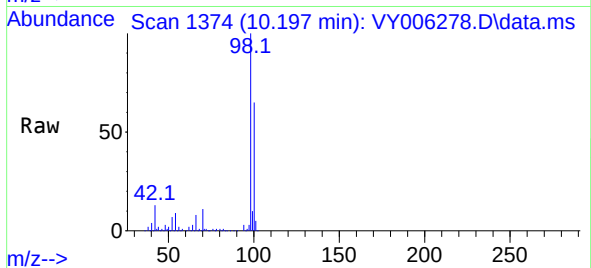




#50
Toluene-d8
Concen: 55.62 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

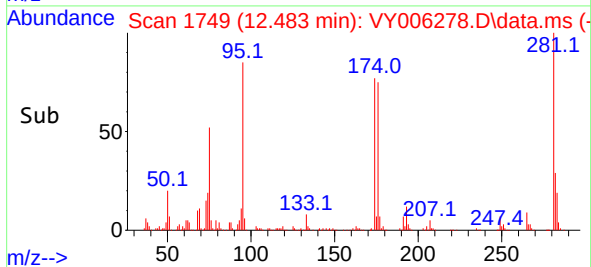
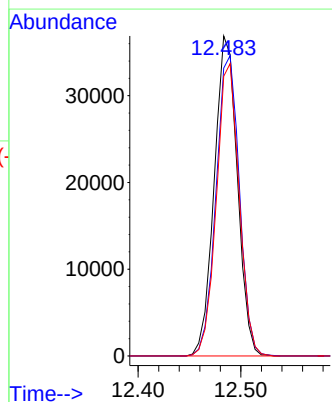
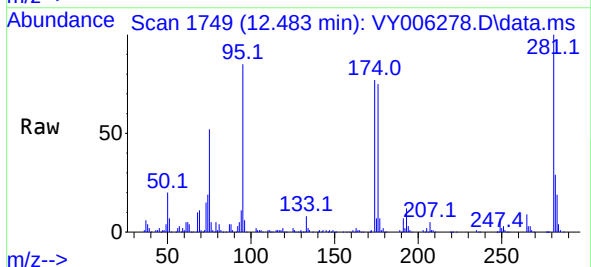
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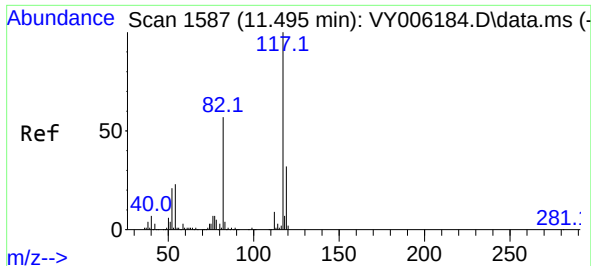
Tgt Ion: 98 Resp: 191383
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion: 95 Resp: 57460
Ion Ratio Lower Upper
95 100
174 94.5 0.0 177.0
176 90.0 0.0 175.8

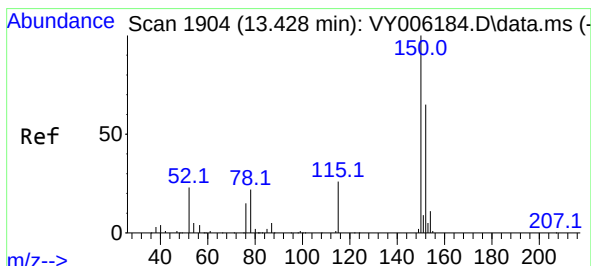
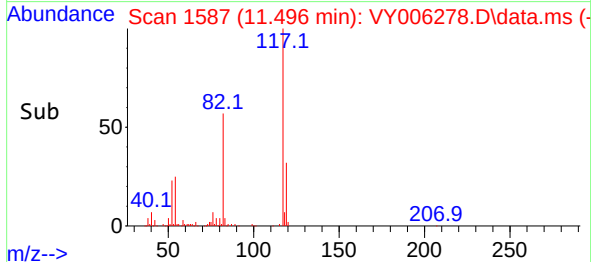
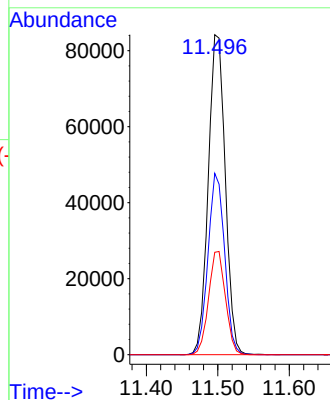
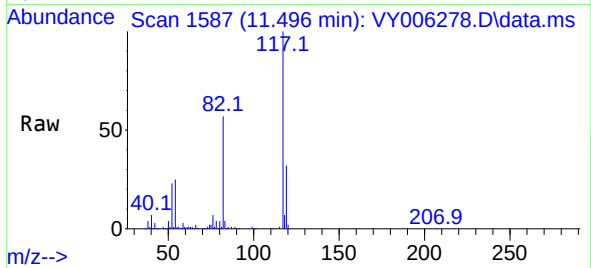




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-2

Tgt Ion:	117	Resp:	139179
Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.0	64.4
119	32.0	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: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion:	152	Resp:	60022
Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.2	84.7
150	155.8	0.0	347.6

