

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004658.D
 Acq On : 29 Apr 2021 14:52
 Operator : SY/MD
 Sample : M2198-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1-GRAB

Quant Time: Apr 30 04:32:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

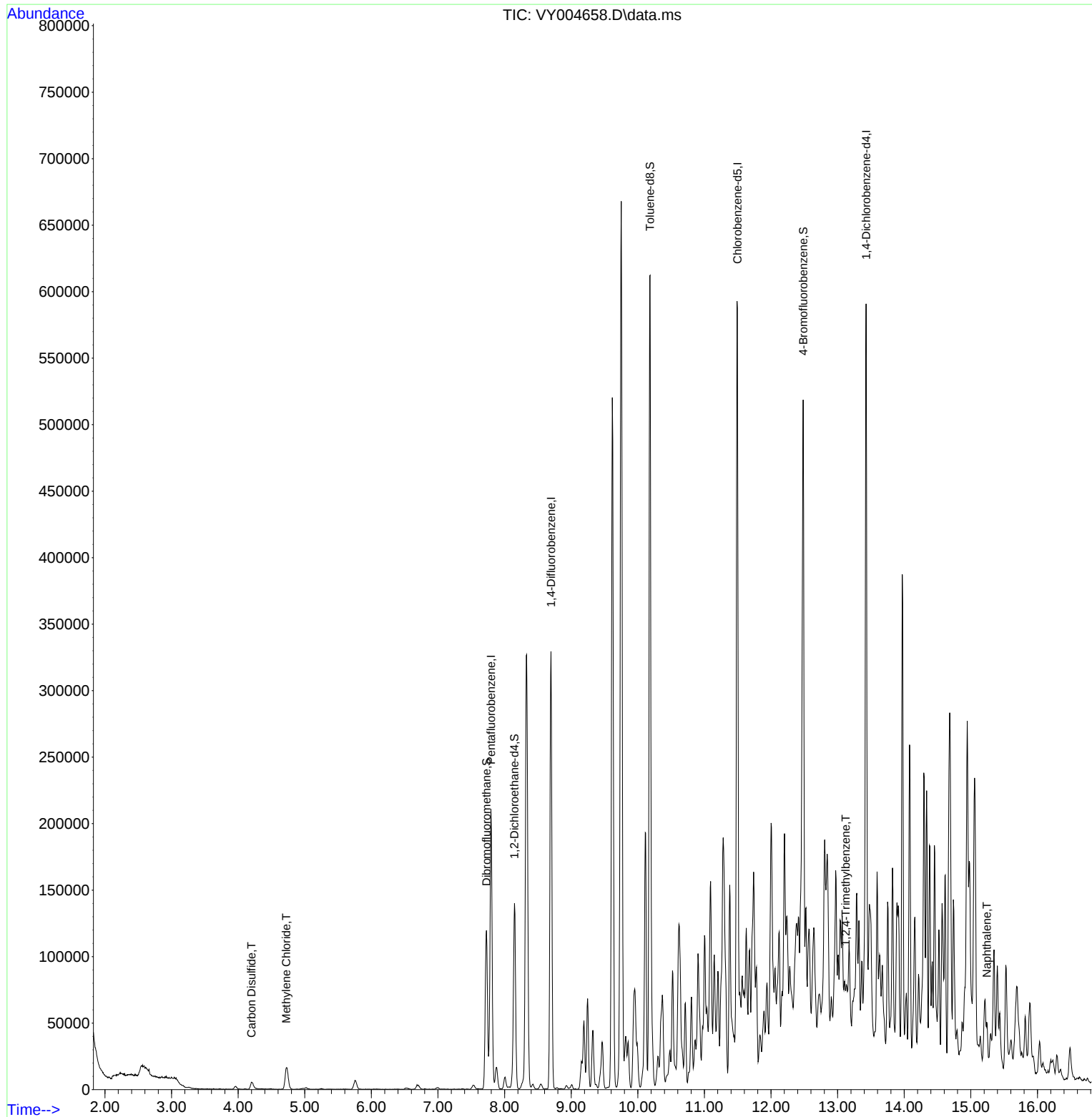
Internal Standards						
1) Pentafluorobenzene	7.795	168	150585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	268554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	264700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104591	62.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.02%
35) Dibromofluoromethane	7.728	113	82046	55.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.10%
50) Toluene-d8	10.185	98	344633	54.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.72%
62) 4-Bromofluorobenzene	12.483	95	126666	58.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.76%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.198	76	9223	2.05	ug/l #	94
20) Methylene Chloride	4.722	84	11932	7.38	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	10465	1.34	ug/l	91
95) Naphthalene	15.239	128	8181	1.61	ug/l #	86

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

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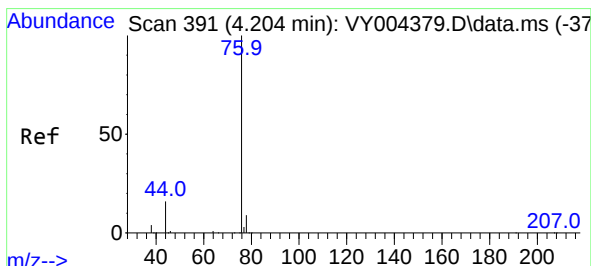
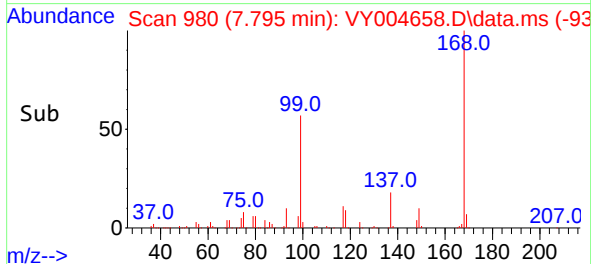
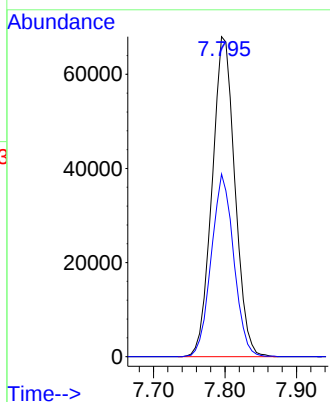
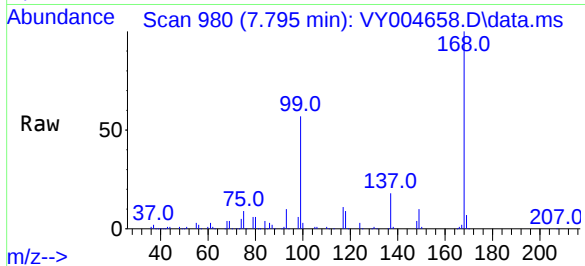




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

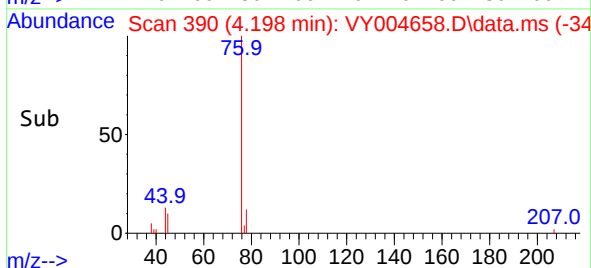
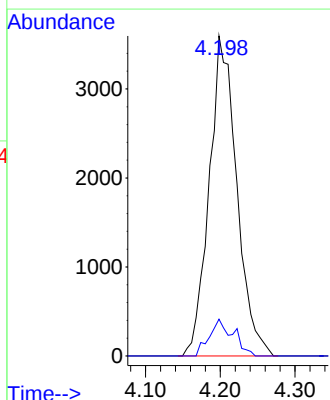
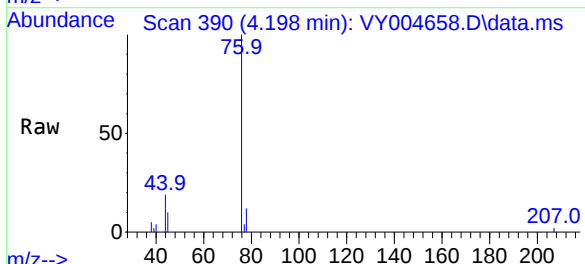
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1-GRAB

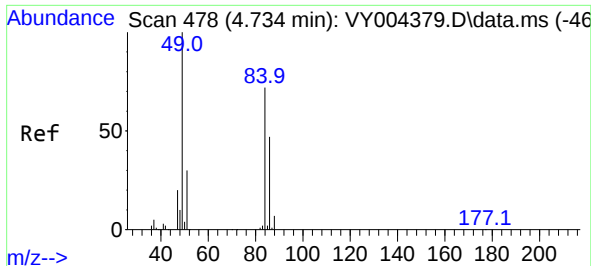
Tgt Ion:168 Resp: 150585
Ion Ratio Lower Upper
168 100
99 57.0 45.5 68.3



#17
Carbon Disulfide
Concen: 2.05 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

Tgt Ion: 76 Resp: 9223
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.2#



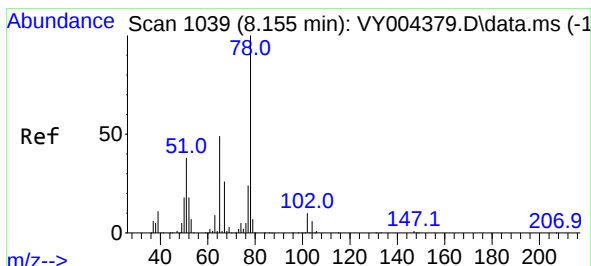
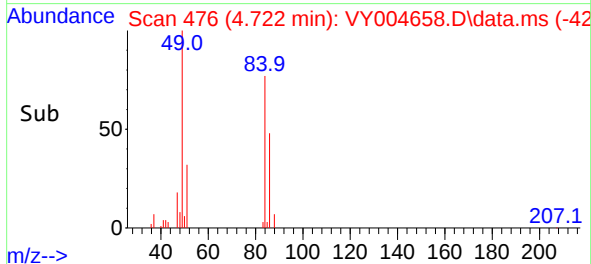
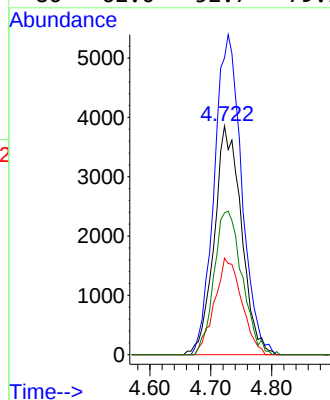
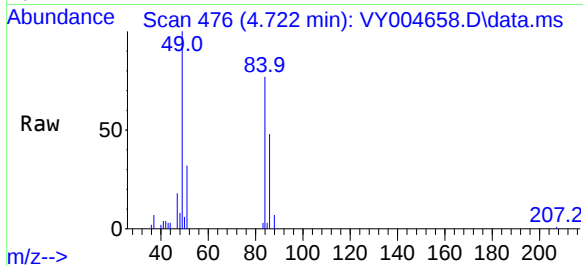


#20
Methylene Chloride
Concen: 7.38 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1-GRAB

Tgt Ion: 84 Resp: 11932

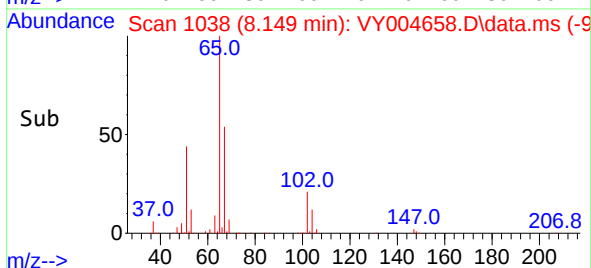
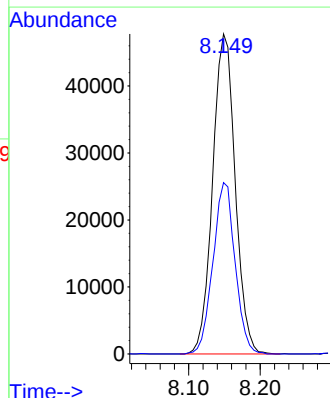
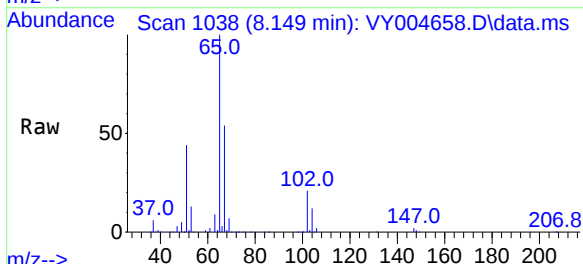
Ion	Ratio	Lower	Upper
84	100		
49	129.8	111.2	166.8
51	42.2	33.4	50.2
86	62.0	52.7	79.1

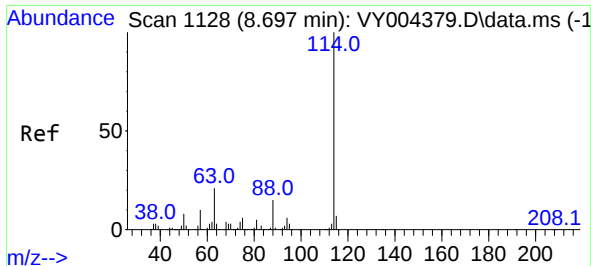


#33
1,2-Dichloroethane-d4
Concen: 62.51 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

Tgt Ion: 65 Resp: 104591

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.4

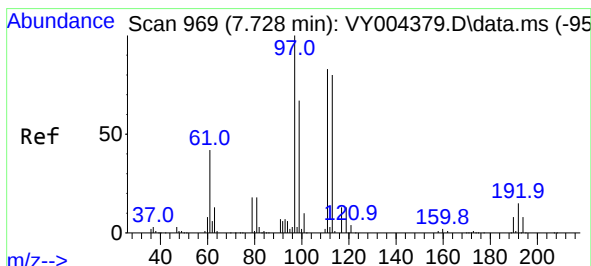
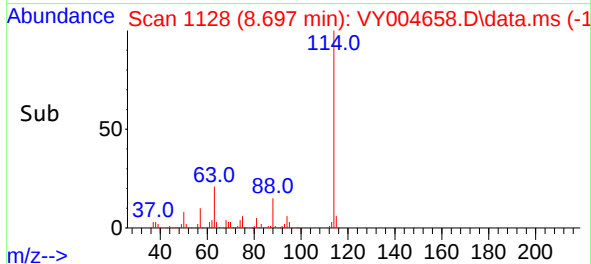
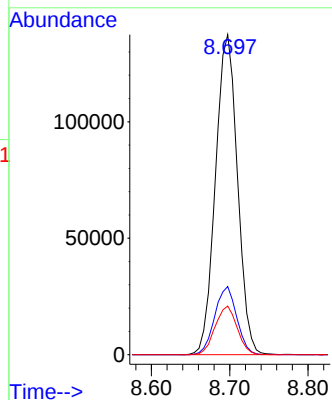
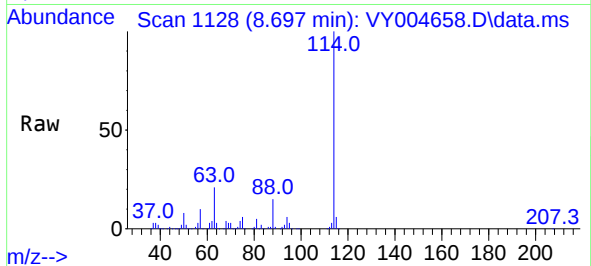




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

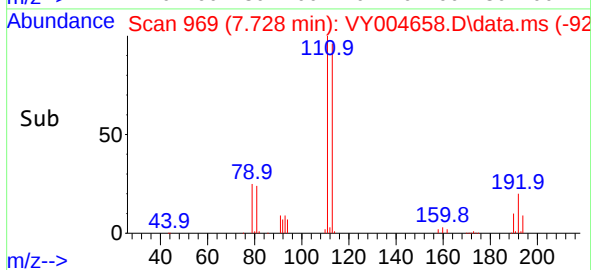
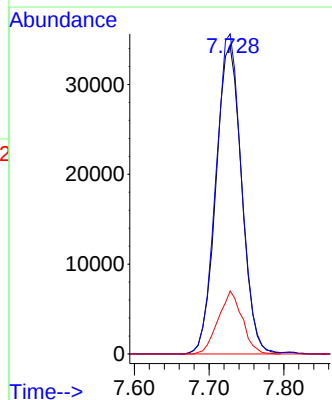
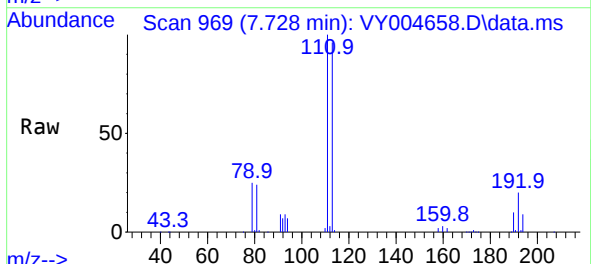
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1-GRAB

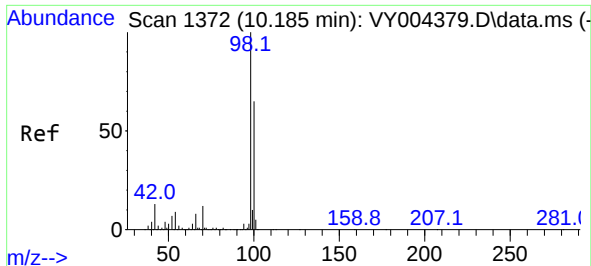
Tgt Ion:	114	Resp:	268554
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

Tgt Ion:	113	Resp:	82046
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	19.1	16.1	24.1

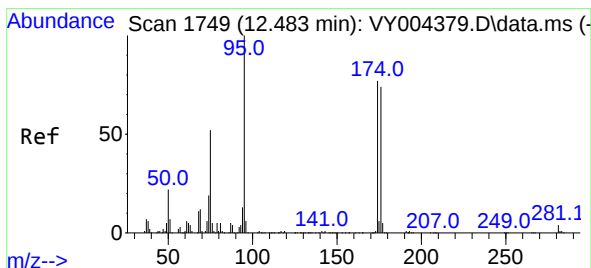
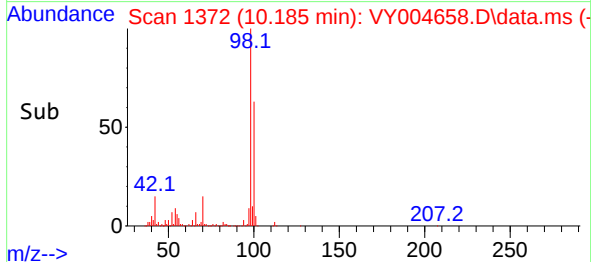
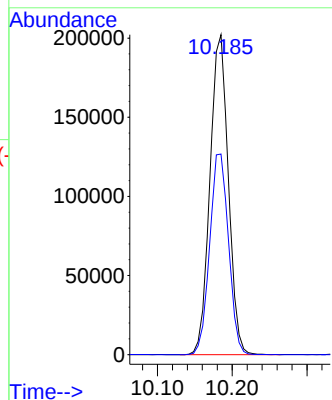
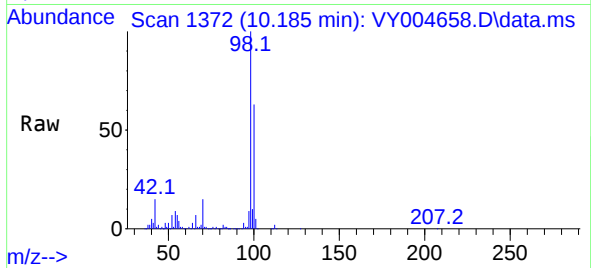




#50
Toluene-d8
Concen: 54.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

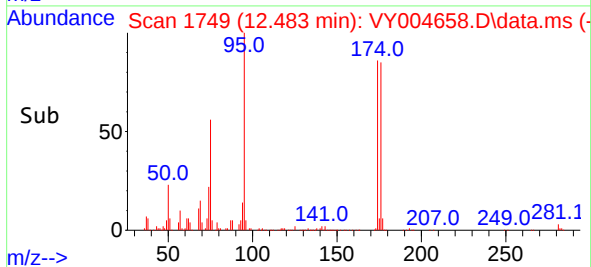
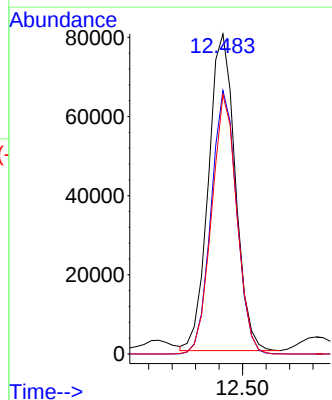
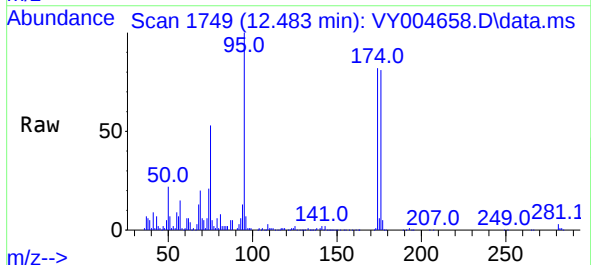
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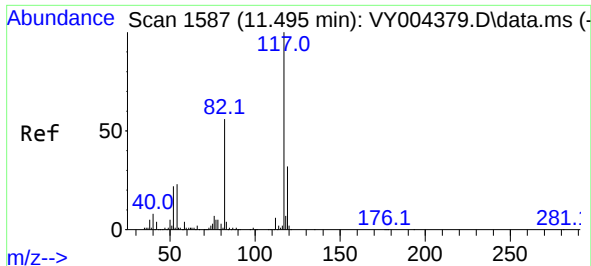
Tgt Ion: 98 Resp: 344633
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

Tgt Ion: 95 Resp: 126666
Ion Ratio Lower Upper
95 100
174 79.3 0.0 162.4
176 76.9 0.0 156.0

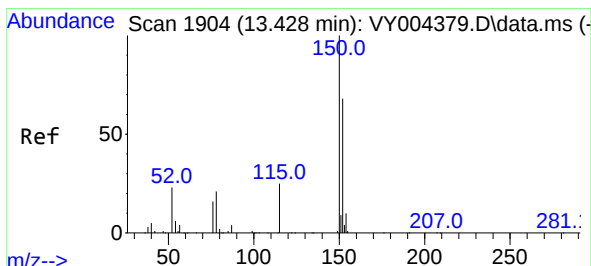
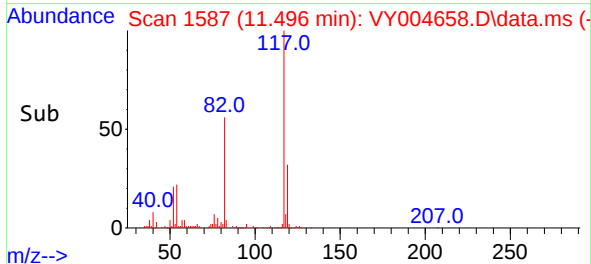
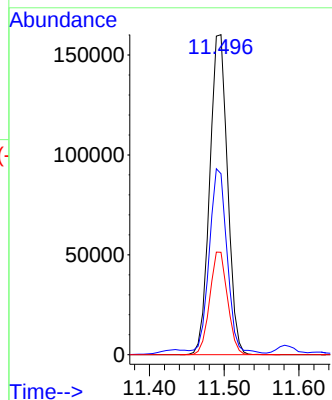
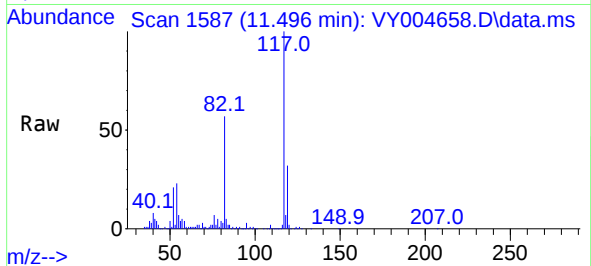




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

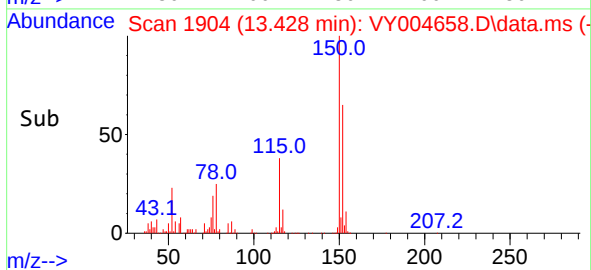
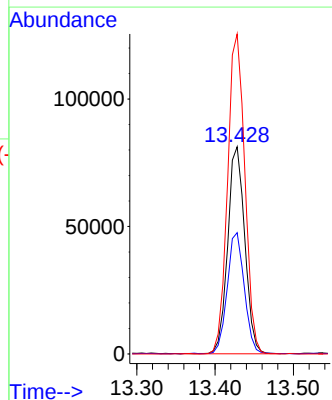
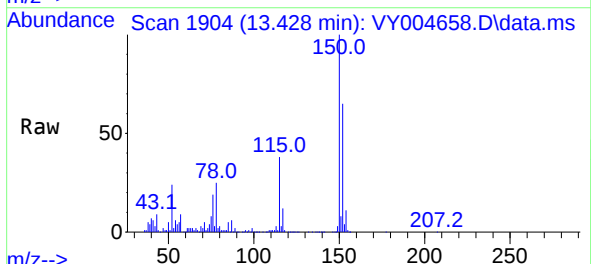
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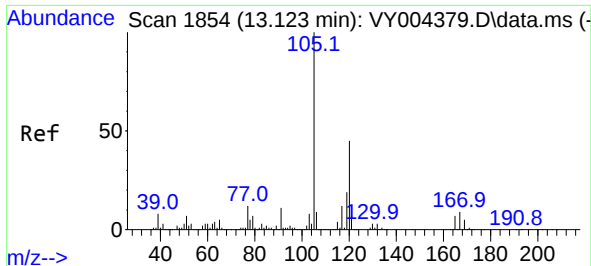
Tgt Ion:117 Resp: 264700
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

Tgt Ion:152 Resp: 123405
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.8
150 155.6 0.0 348.4

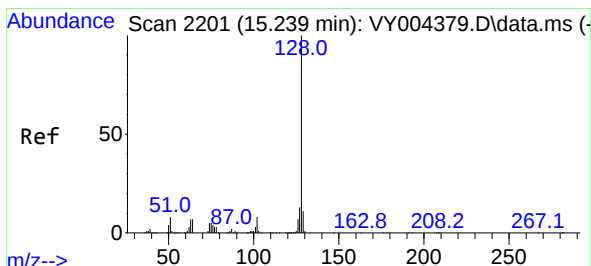
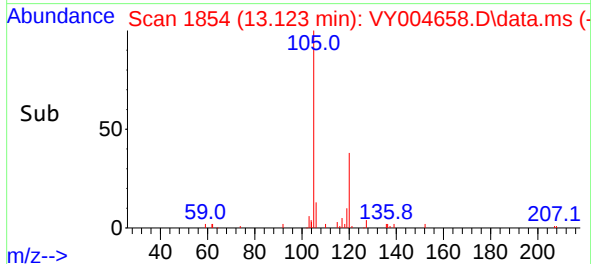
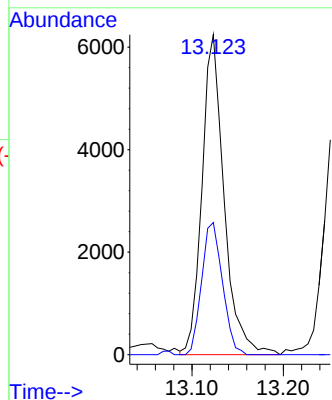
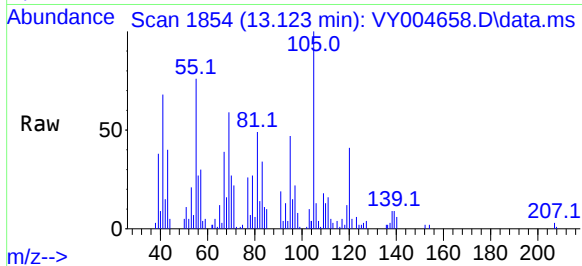




#84
1,2,4-Trimethylbenzene
Concen: 1.34 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1-GRAB

Tgt Ion:105 Resp: 10465
Ion Ratio Lower Upper
105 100
120 38.9 22.4 67.3



#95
Naphthalene
Concen: 1.61 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004658.D
Acq: 29 Apr 2021 14:52

Tgt Ion:128 Resp: 8181
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 0.0 8.8 13.2#

