

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006057.D
 Acq On : 16 Sep 2021 18:48
 Operator : SY/MD
 Sample : M3750-06
 Misc : 7.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-04-(8-10)-END-POINT

Quant Time: Sep 17 02:47:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

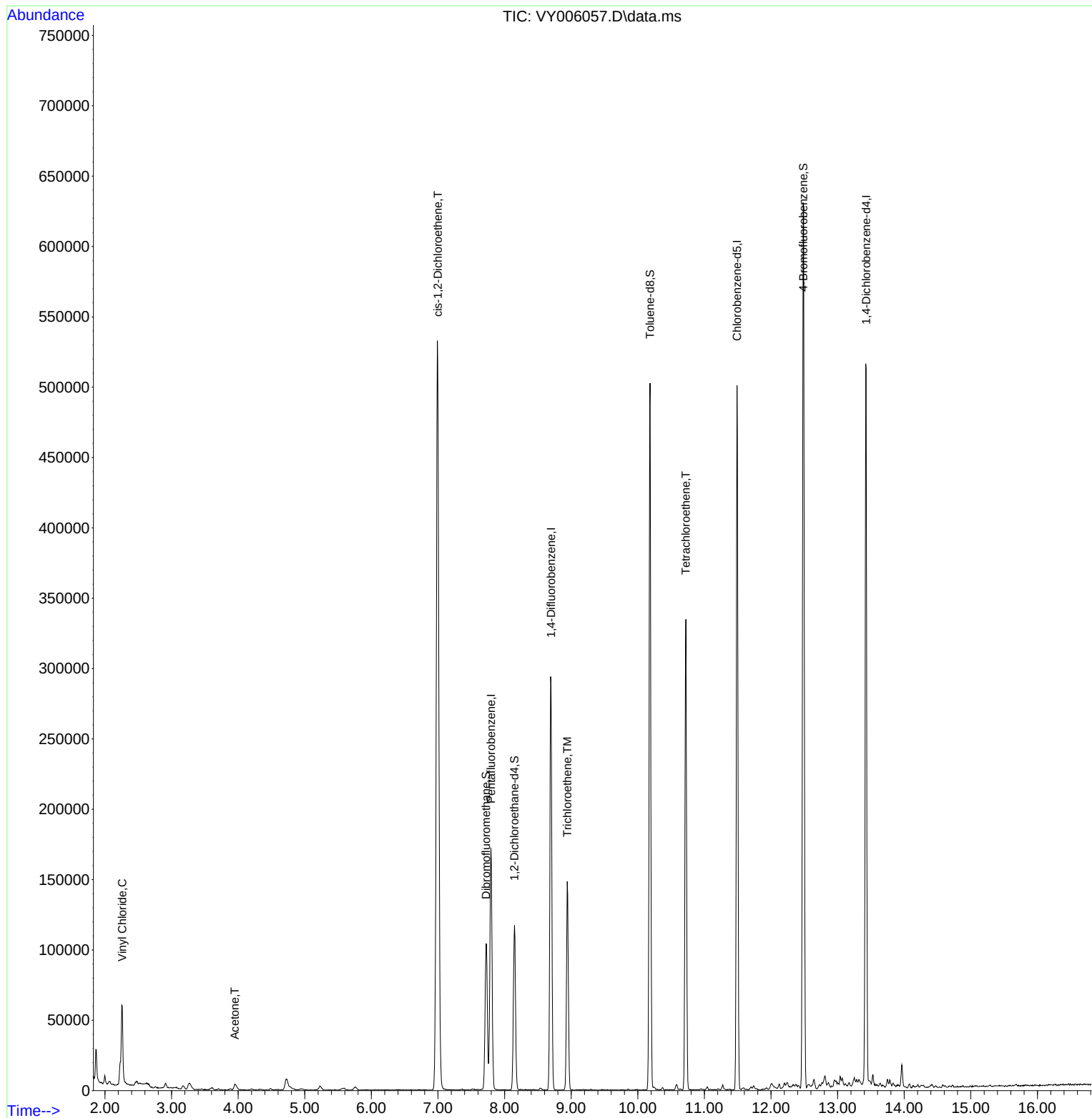
Internal Standards						
1) Pentafluorobenzene	7.795	168	131613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95710	52.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.700%
35) Dibromofluoromethane	7.722	113	72477	49.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.185	98	310795	49.441	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.483	95	122275	57.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.580%
Target Compounds						Qvalue
4) Vinyl Chloride	2.259	62	51219	26.238	ug/l	99
16) Acetone	3.948	43	7567	15.091	ug/l	90
27) cis-1,2-Dichloroethene	6.996	96	312569	190.129	ug/l	89
44) Trichloroethene	8.941	130	48920	26.709	ug/l	96
64) Tetrachloroethene	10.721	164	68859	33.715	ug/l	97

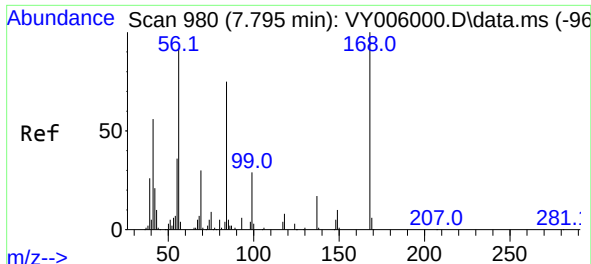
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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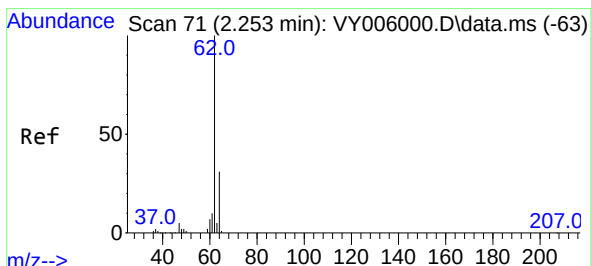
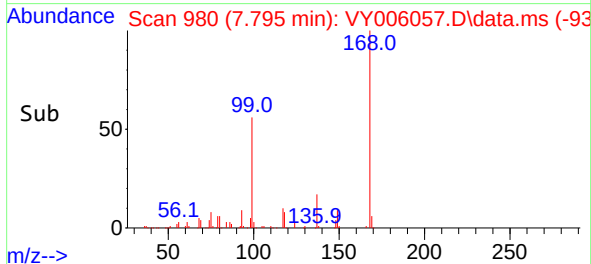
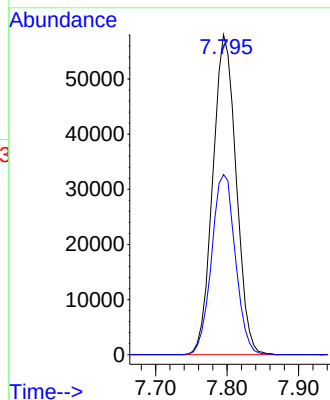
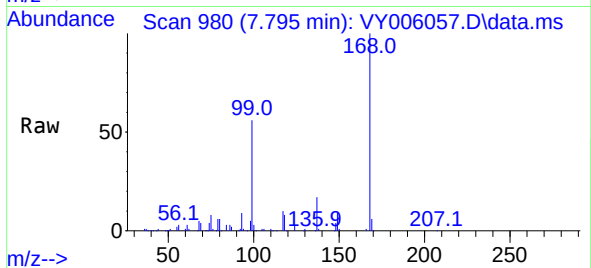




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

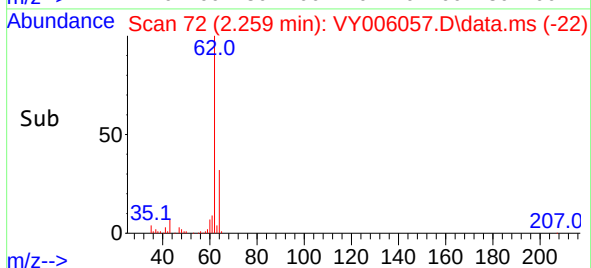
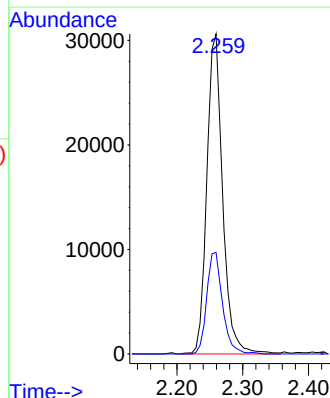
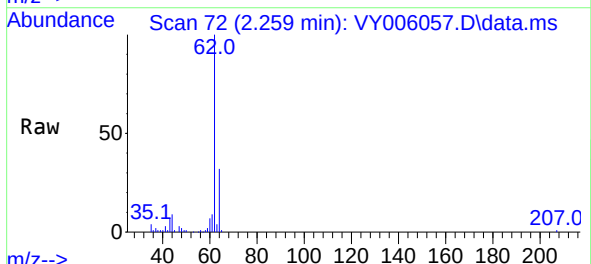
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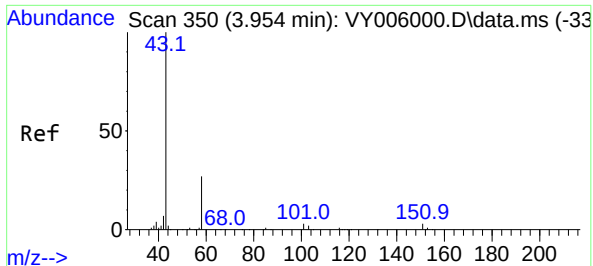
Tgt Ion:168 Resp: 131613
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#4
Vinyl Chloride
Concen: 26.238 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

Tgt Ion: 62 Resp: 51219
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6

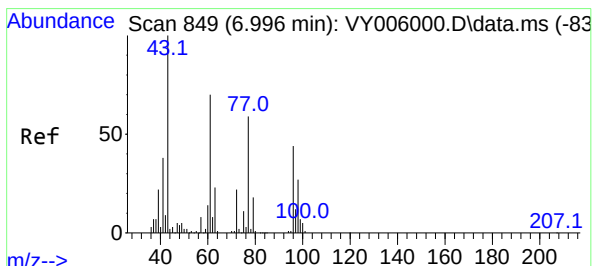
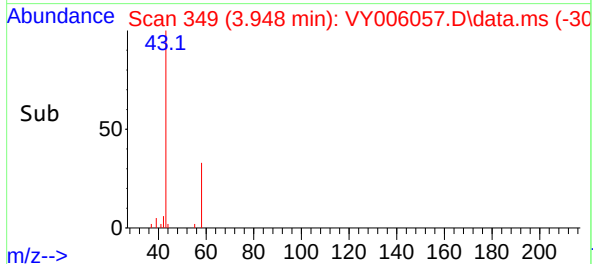
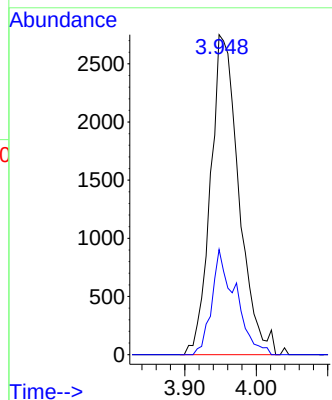
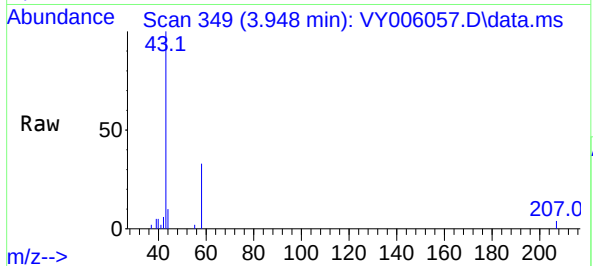




#16
Acetone
Concen: 15.091 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

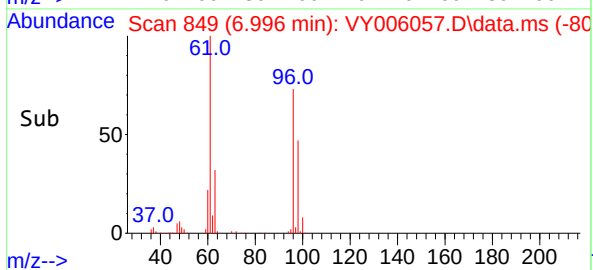
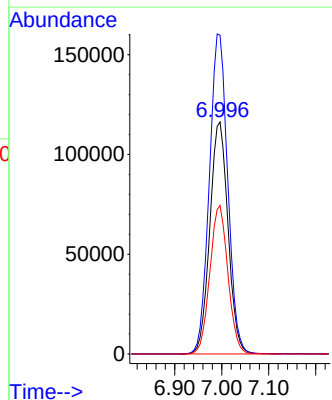
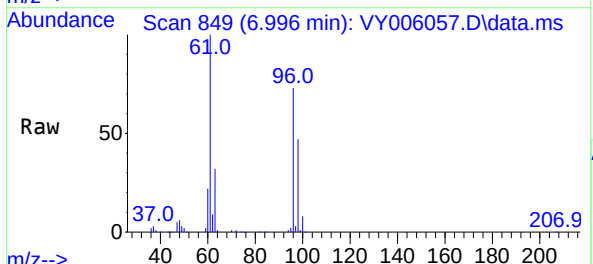
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(8-10)-END-POINT

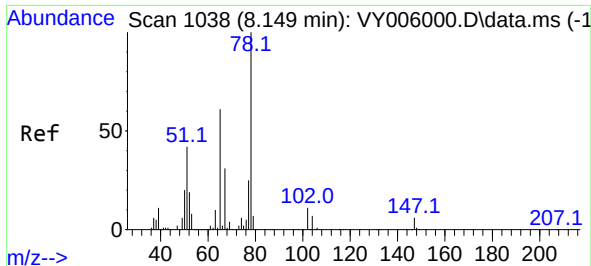
Tgt Ion: 43 Resp: 7567
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0



#27
cis-1,2-Dichloroethene
Concen: 190.129 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

Tgt Ion: 96 Resp: 312569
Ion Ratio Lower Upper
96 100
61 139.0 0.0 319.8
98 63.4 0.0 127.0

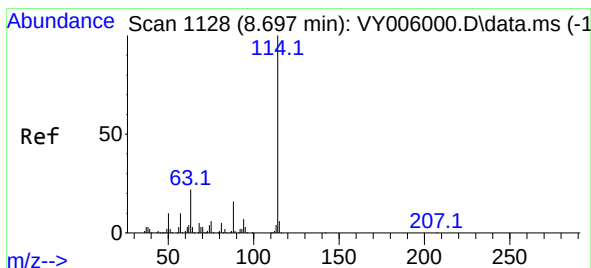
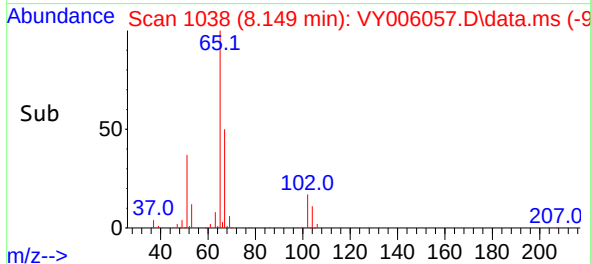
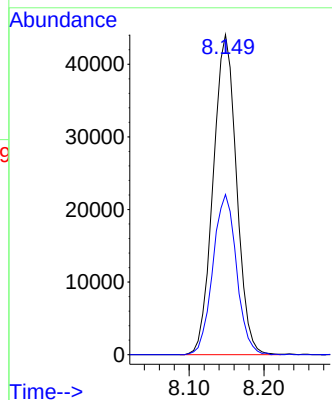
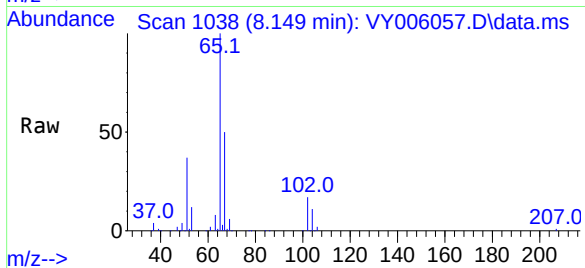




#33
1,2-Dichloroethane-d4
Concen: 52.353 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

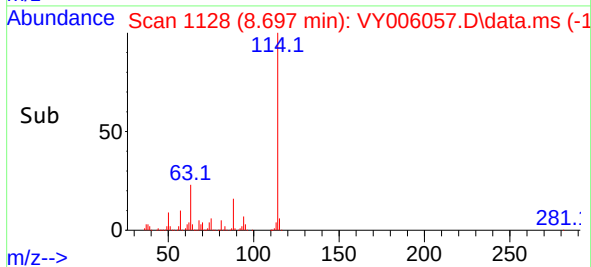
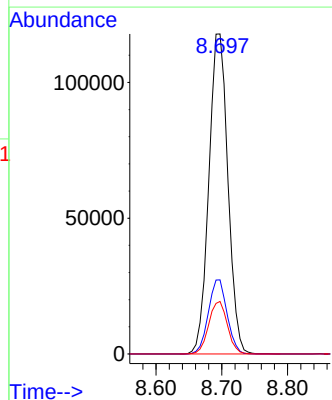
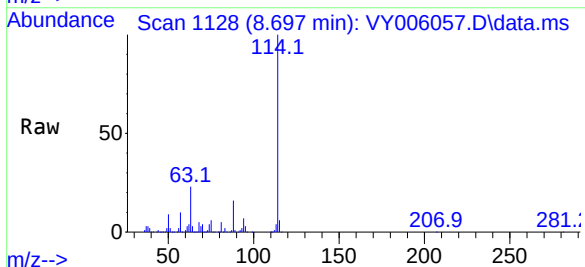
Instrument :
MSVOA_Y
ClientSampleId :
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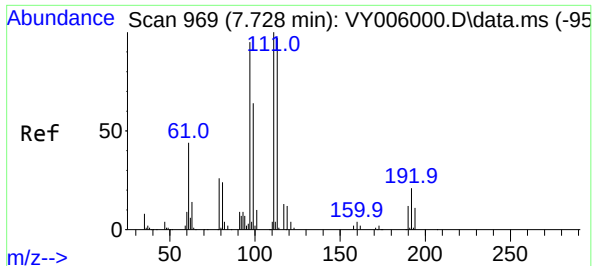
Tgt Ion: 65 Resp: 95710
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

Tgt Ion:114 Resp: 237463
Ion Ratio Lower Upper
114 100
63 23.2 0.0 43.2
88 16.4 0.0 31.8

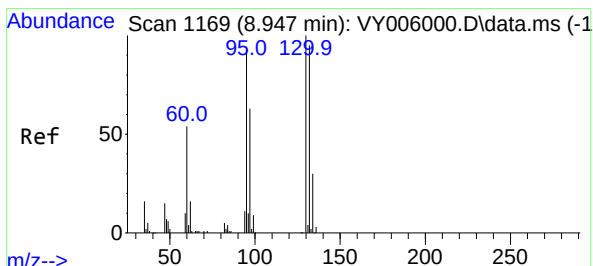
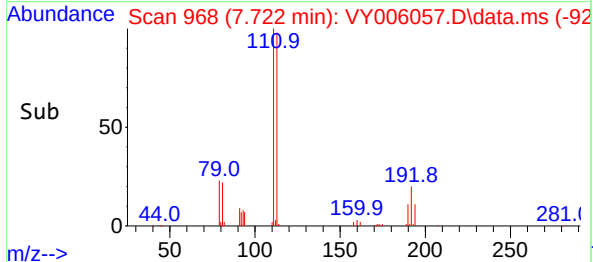
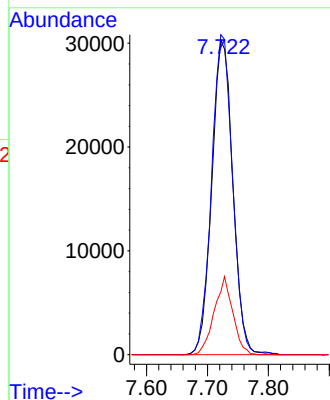
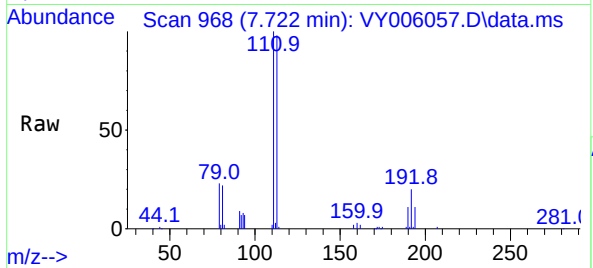




#35
Dibromofluoromethane
Concen: 49.139 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

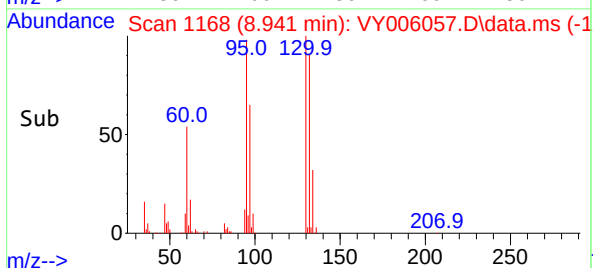
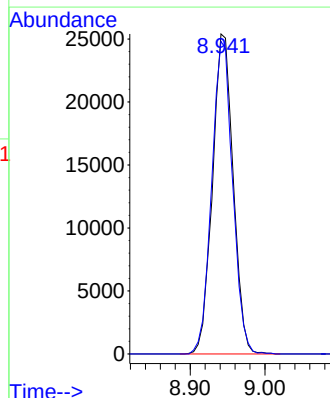
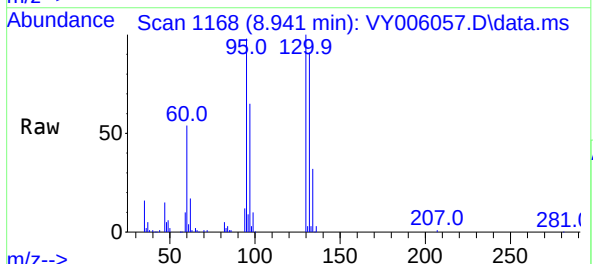
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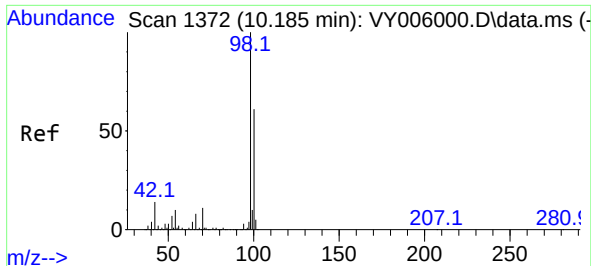
Tgt Ion:113 Resp: 72477
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 22.0 17.6 26.4



#44
Trichloroethene
Concen: 26.709 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

Tgt Ion:130 Resp: 48920
Ion Ratio Lower Upper
130 100
95 97.6 0.0 188.2

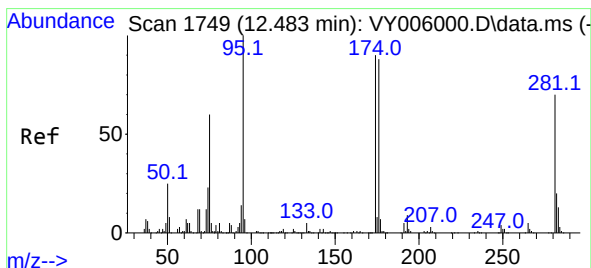
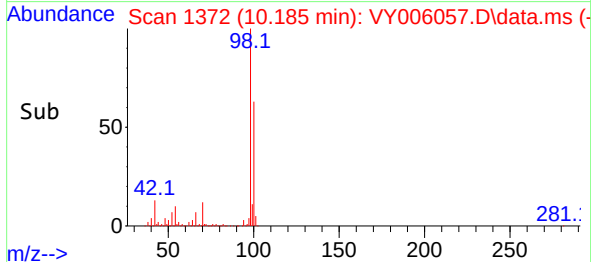
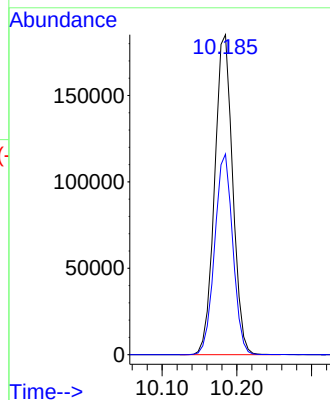
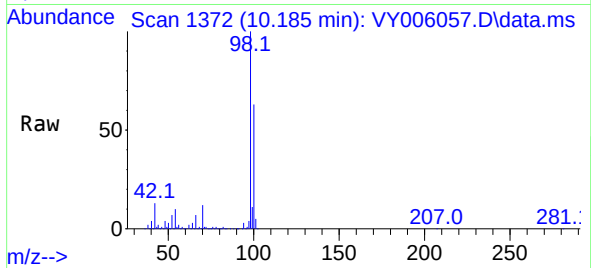




#50
Toluene-d8
Concen: 49.441 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

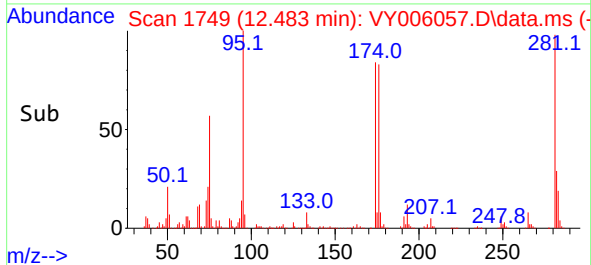
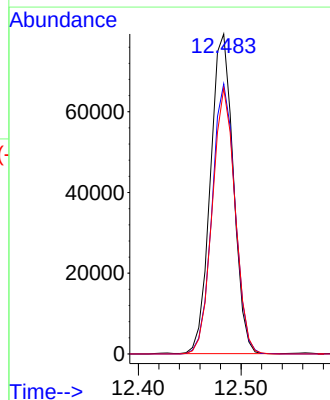
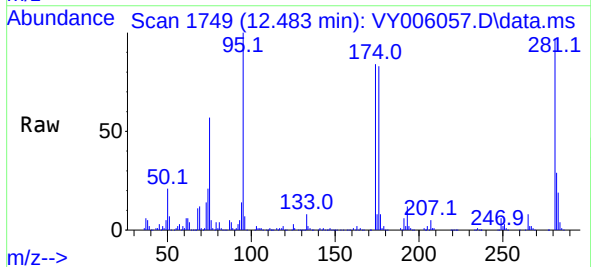
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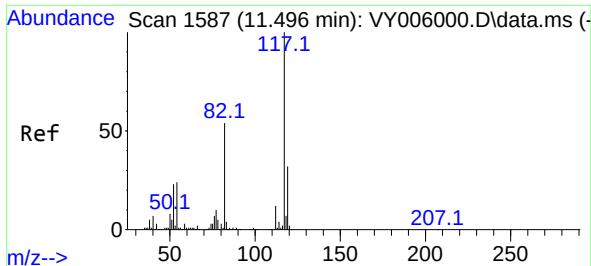
Tgt Ion: 98 Resp: 310795
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.291 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

Tgt Ion: 95 Resp: 122275
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 82.5 0.0 175.8

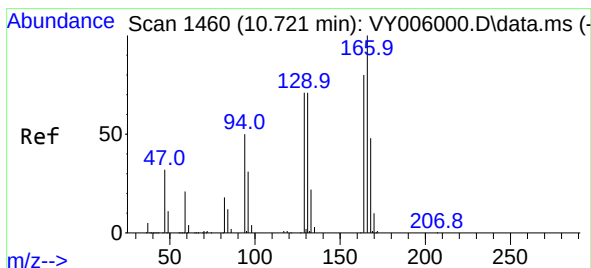
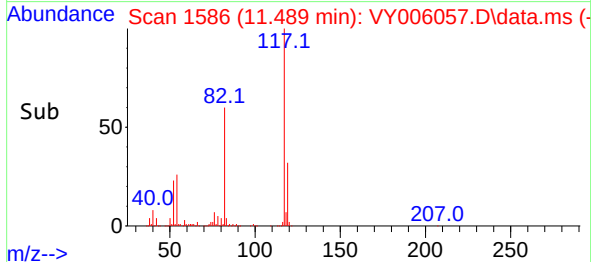
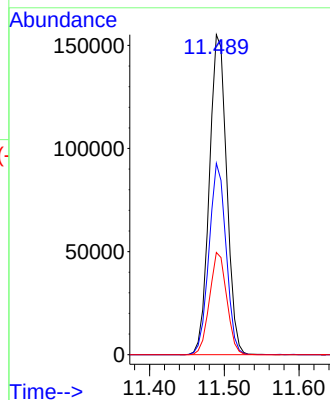
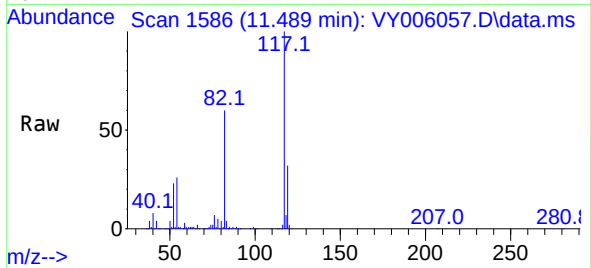




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

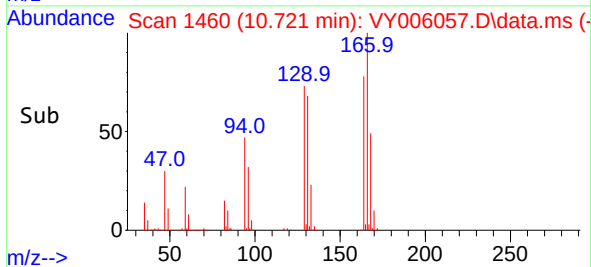
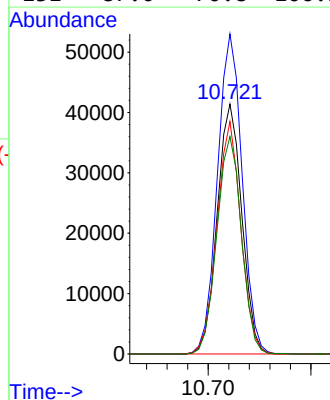
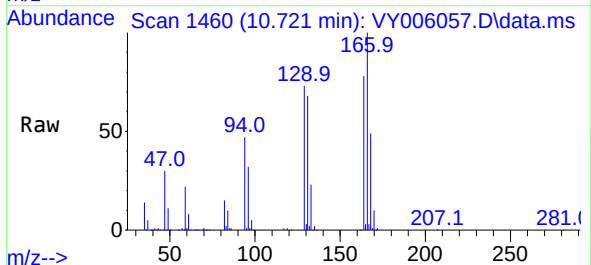
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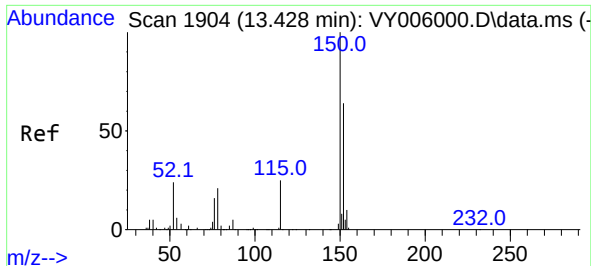
Tgt Ion:117	Resp: 249708
Ion Ratio	Lower Upper
117 100	
82 59.8	43.0 64.4
119 31.9	25.4 38.0



#64
Tetrachloroethene
Concen: 33.715 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006057.D
Acq: 16 Sep 2021 18:48

Tgt Ion:164	Resp: 68859
Ion Ratio	Lower Upper
164 100	
166 128.0	100.4 150.6
129 93.0	71.4 107.0
131 87.0	70.8 106.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006057.D
 Acq: 16 Sep 2021 18:48

Instrument :
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Tgt Ion:152 Resp: 126244
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.2 84.7
 150 158.3 0.0 347.6

