

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006044.D
 Acq On : 16 Sep 2021 13:47
 Operator : SY/MD
 Sample : M3733-05RE
 Misc : 6.50G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-01-(18-20)RE

Quant Time: Sep 17 02:44:47 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)

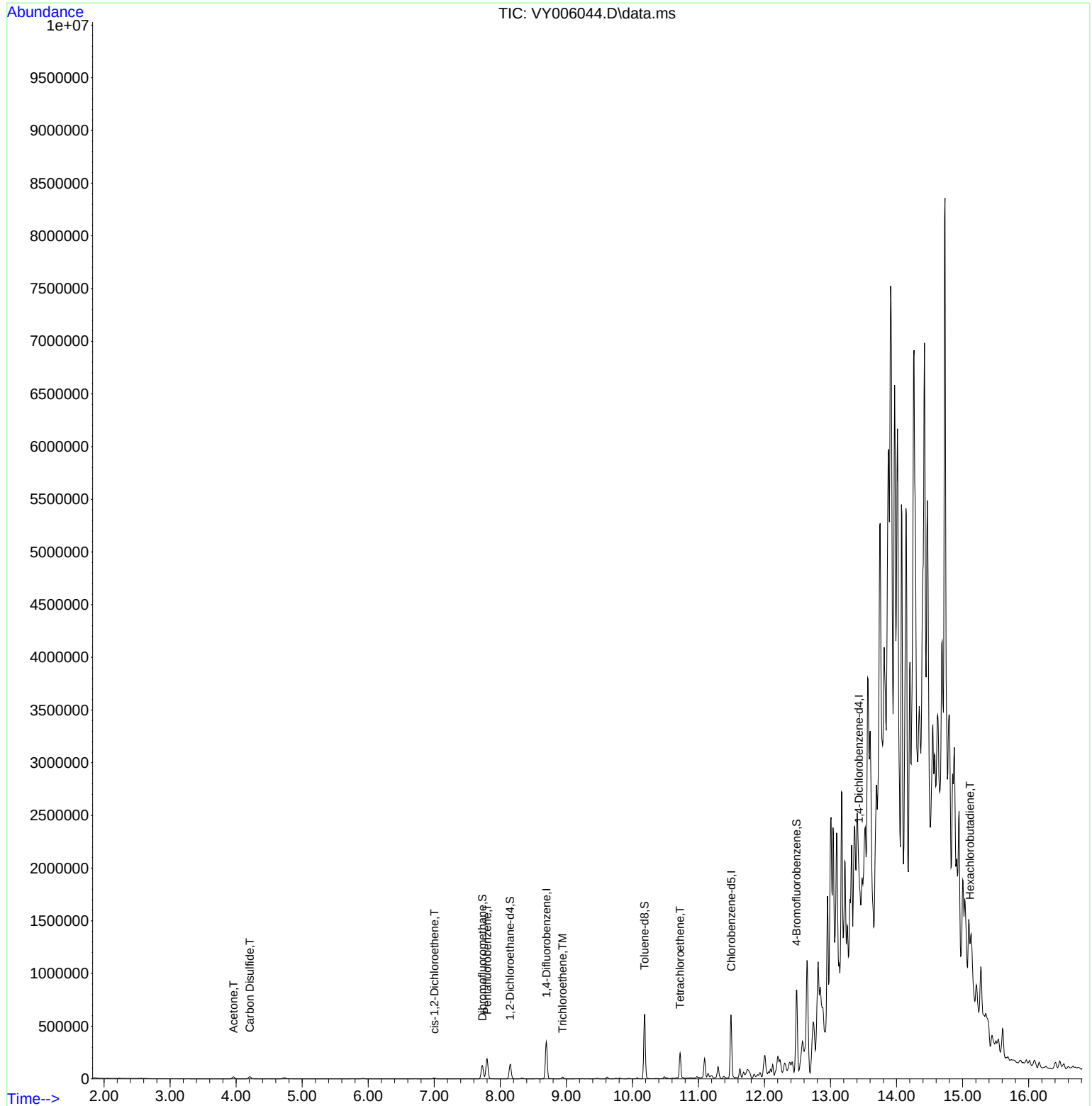
Internal Standards						
1) Pentafluorobenzene	7.801	168	148843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	284309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	306201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114512	55.39	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 110.78%		
35) Dibromofluoromethane	7.728	113	88436	50.08	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.16%		
50) Toluene-d8	10.185	98	374968	49.82	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.64%		
62) 4-Bromofluorobenzene	12.483	95	155026	60.67	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 121.34%		
Target Compounds						
						Qvalue
16) Acetone	3.961	43	33425	58.94	ug/l	96
17) Carbon Disulfide	4.204	76	41095	8.28	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	3977	2.14	ug/l	88
44) Trichloroethene	8.941	130	5790	2.64	ug/l	99
64) Tetrachloroethene	10.721	164	50394	20.12	ug/l	97
94) Hexachlorobutadiene	15.111	225	3284	1.22	ug/l	92

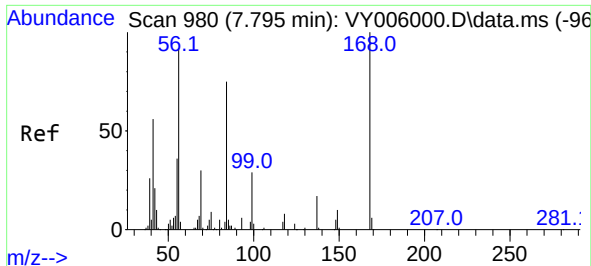
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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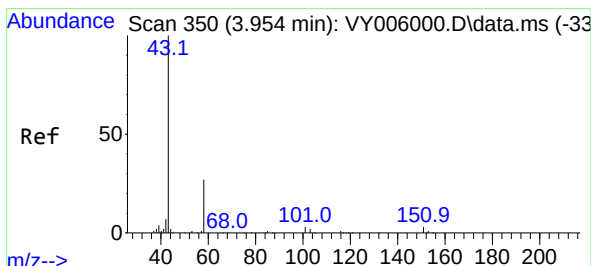
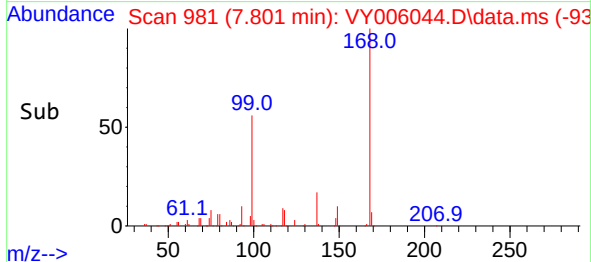
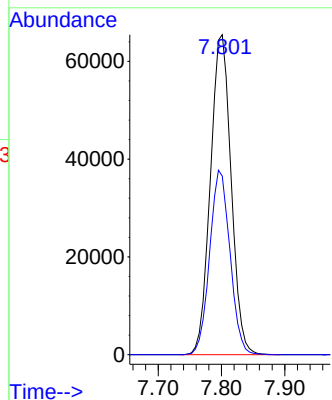
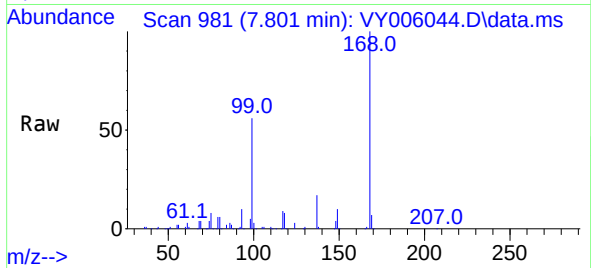




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

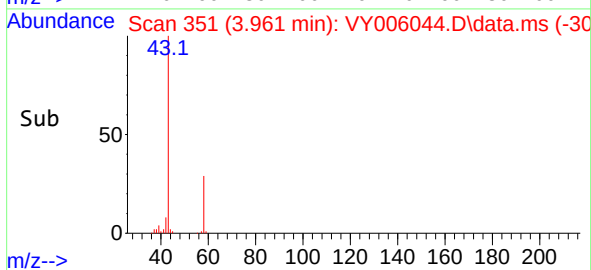
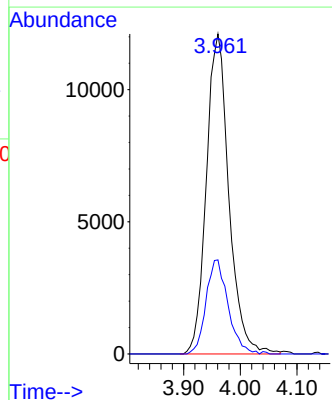
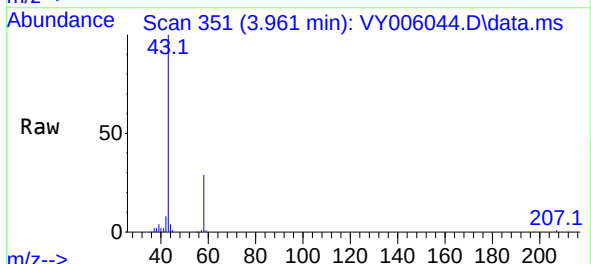
Instrument :
MSVOA_Y
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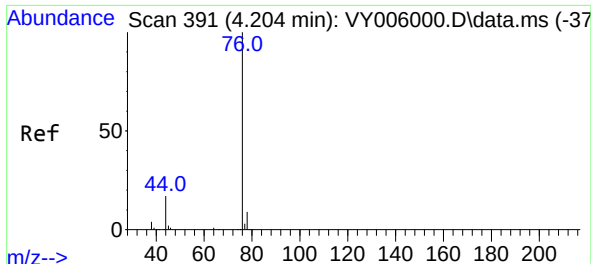
Tgt Ion:168 Resp: 148843
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#16
Acetone
Concen: 58.94 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

Tgt Ion: 43 Resp: 33425
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0

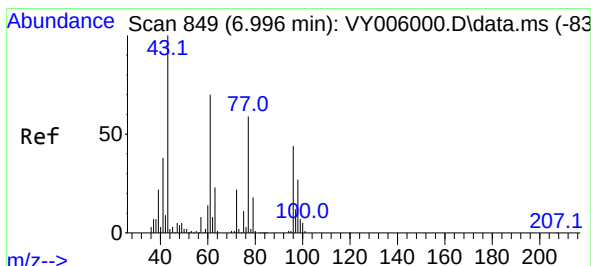
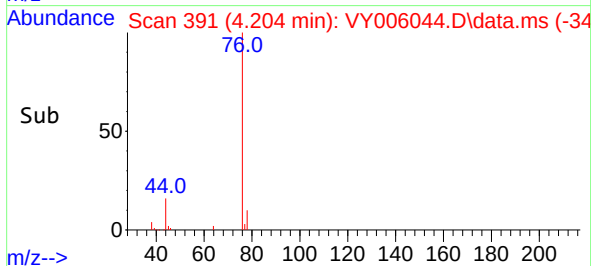
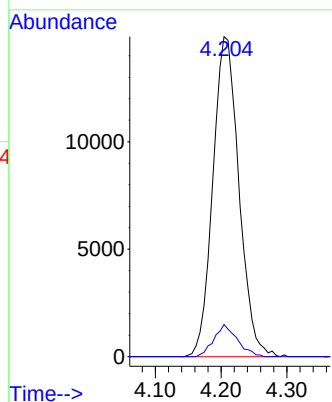
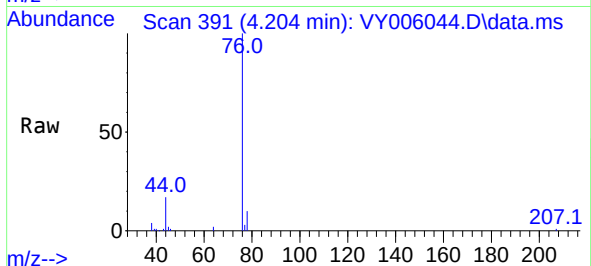




#17
Carbon Disulfide
Concen: 8.28 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

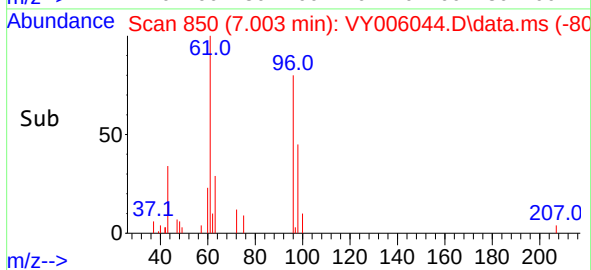
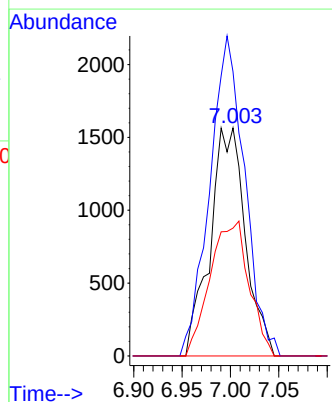
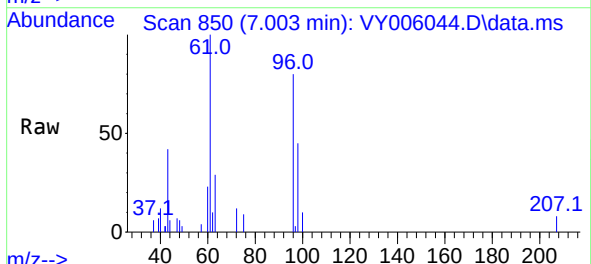
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-01-(18-20)RE

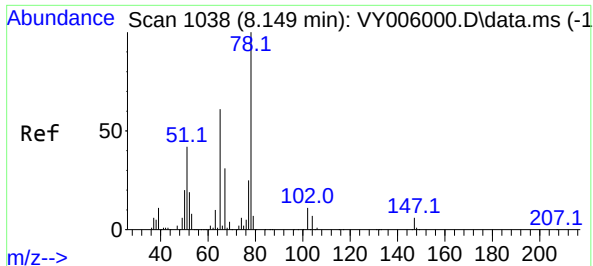
Tgt Ion: 76 Resp: 41095
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#27
cis-1,2-Dichloroethene
Concen: 2.14 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

Tgt Ion: 96 Resp: 3977
Ion Ratio Lower Upper
96 100
61 138.8 0.0 319.8
98 64.9 0.0 127.0

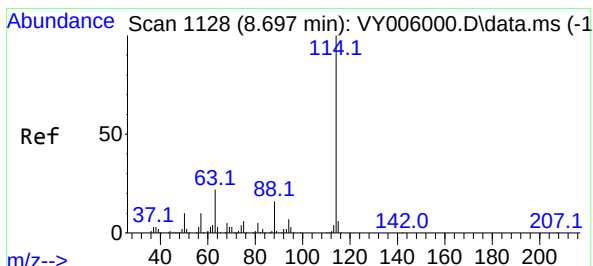
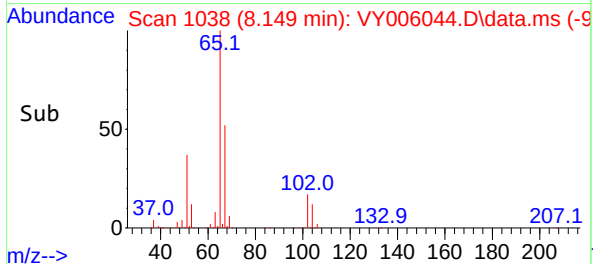
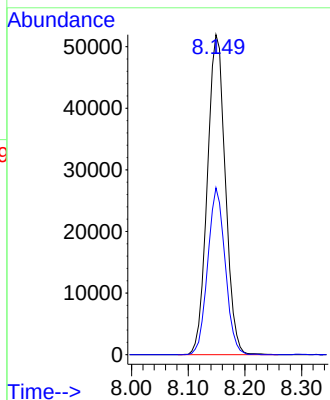
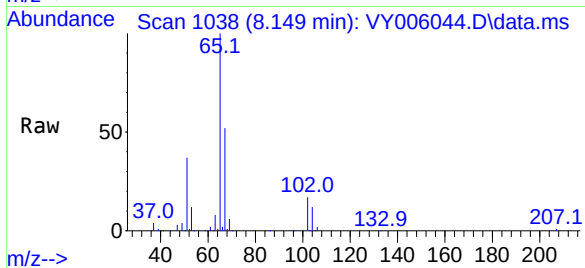




#33
1,2-Dichloroethane-d4
Concen: 55.39 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

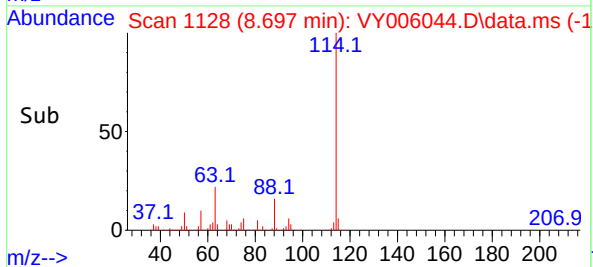
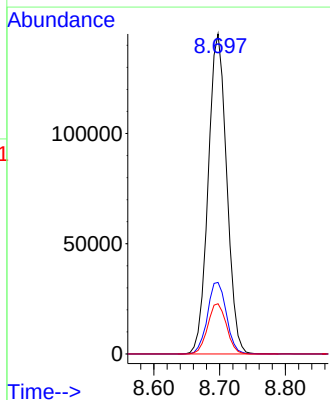
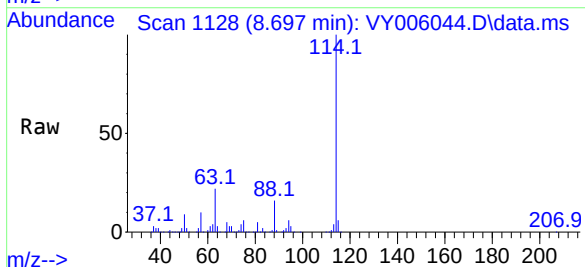
Instrument :
MSVOA_Y
ClientSampleId :
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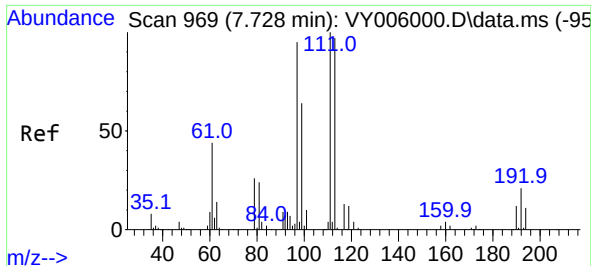
Tgt Ion: 65 Resp: 114512
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

Tgt Ion: 114 Resp: 284309
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 15.7 0.0 31.8

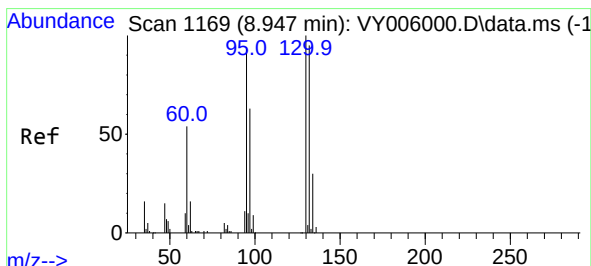
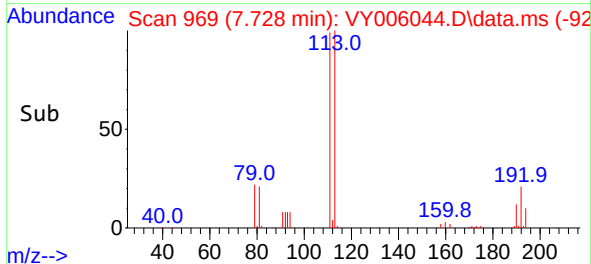
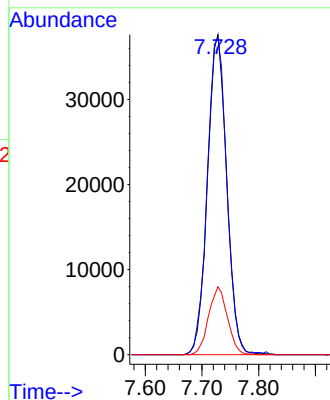
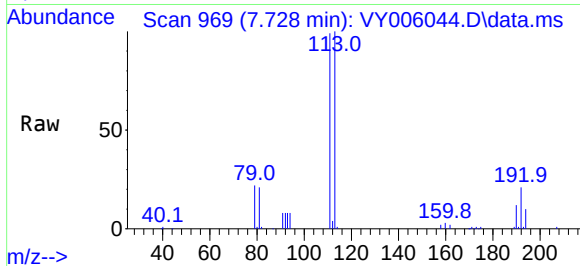




#35
Dibromofluoromethane
Concen: 50.08 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

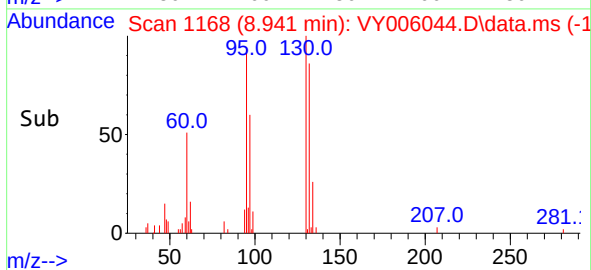
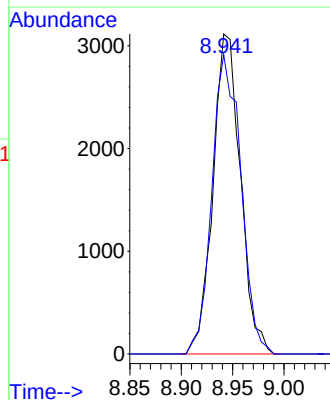
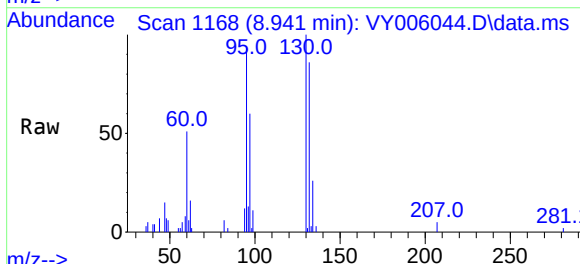
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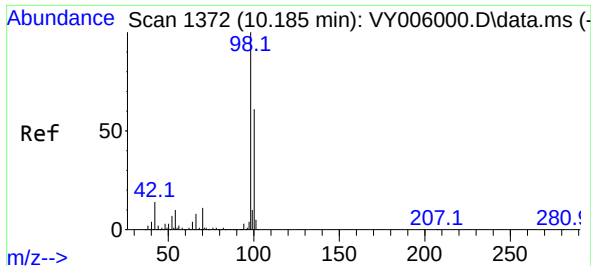
Tgt Ion:113 Resp: 88436
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 20.8 17.6 26.4



#44
Trichloroethene
Concen: 2.64 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

Tgt Ion:130 Resp: 5790
Ion Ratio Lower Upper
130 100
95 93.5 0.0 188.2

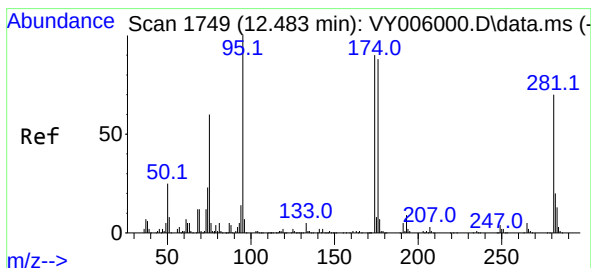
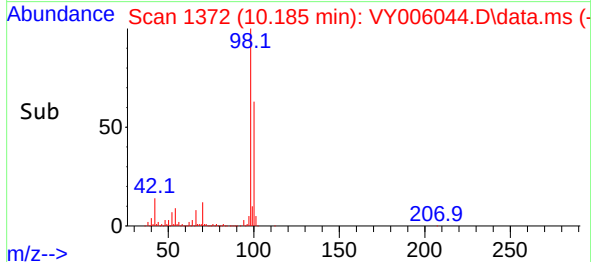
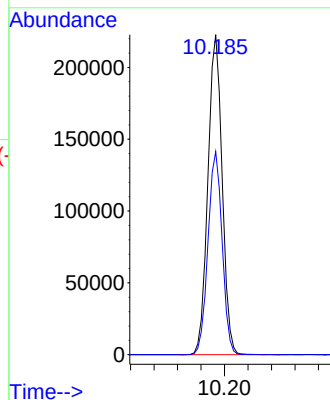
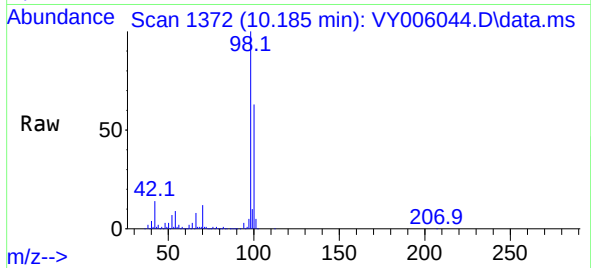




#50
Toluene-d8
Concen: 49.82 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

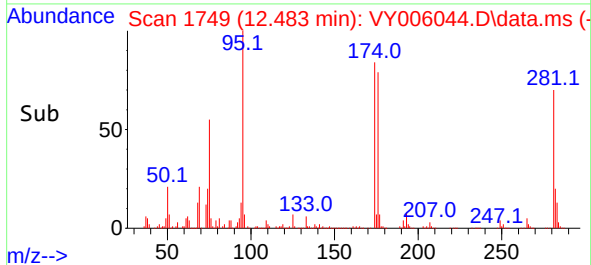
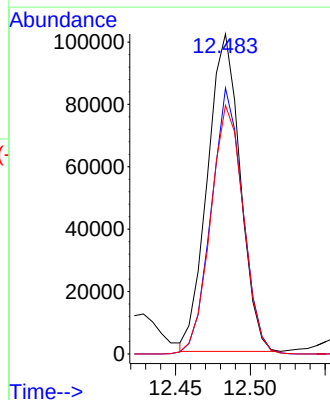
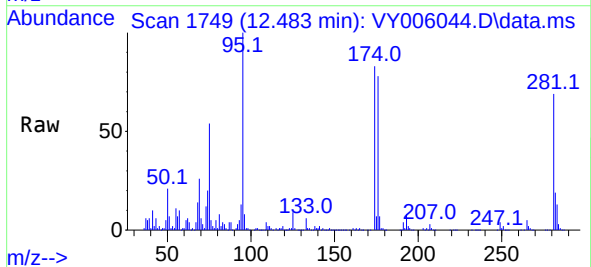
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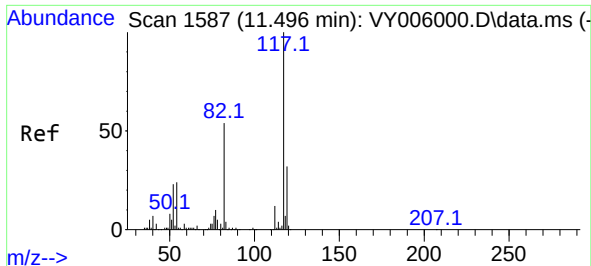
Tgt Ion: 98 Resp: 374968
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 60.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

Tgt Ion: 95 Resp: 155026
Ion Ratio Lower Upper
95 100
174 80.3 0.0 177.0
176 78.4 0.0 175.8

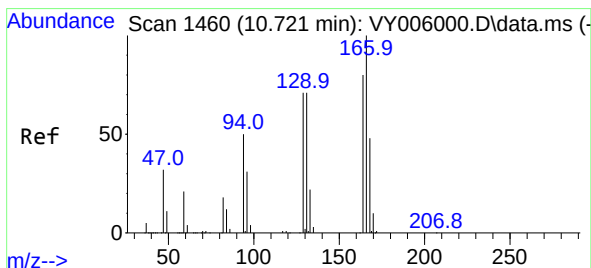
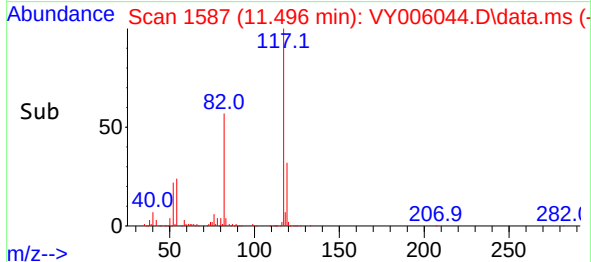
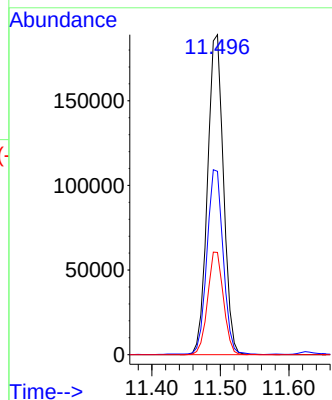
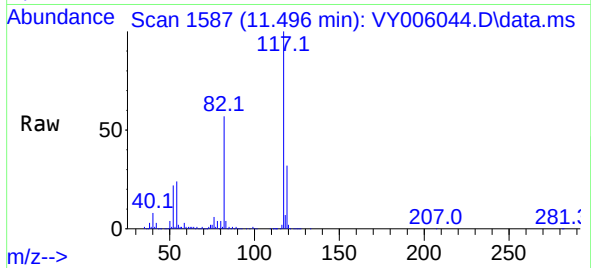




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

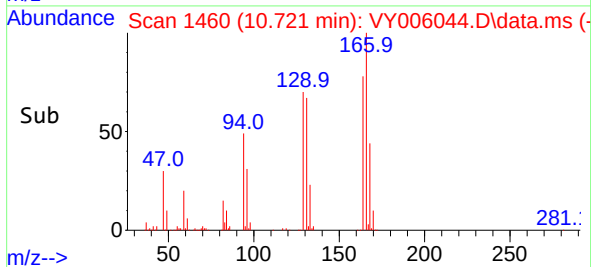
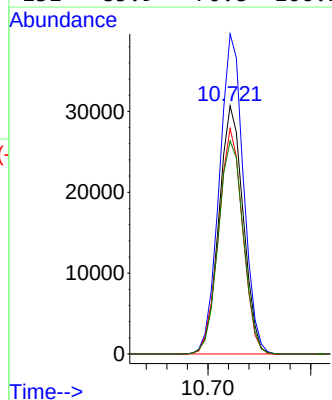
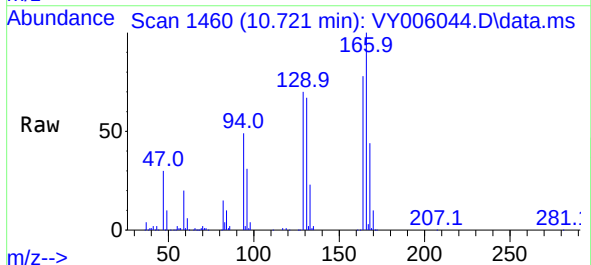
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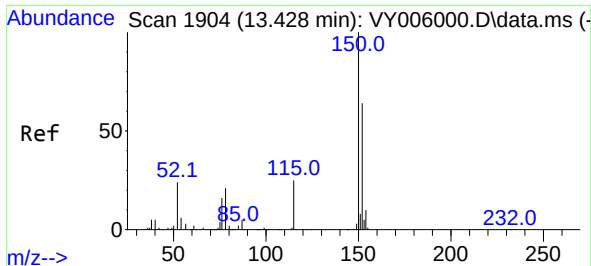
Tgt Ion:	117	Resp:	306201
Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.0	64.4
119	31.9	25.4	38.0



#64
Tetrachloroethene
Concen: 20.12 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

Tgt Ion:	164	Resp:	50394
Ion	Ratio	Lower	Upper
164	100		
166	129.0	100.4	150.6
129	90.9	71.4	107.0
131	85.9	70.8	106.2

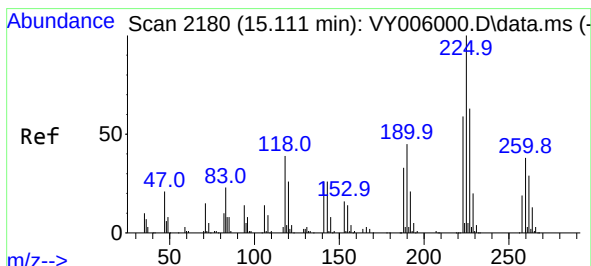
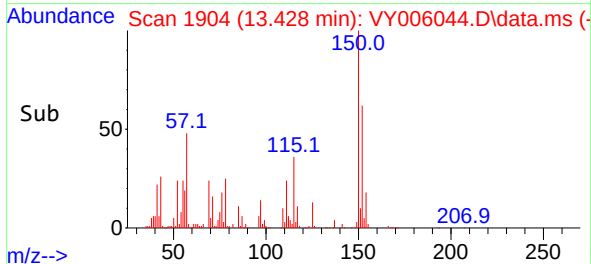
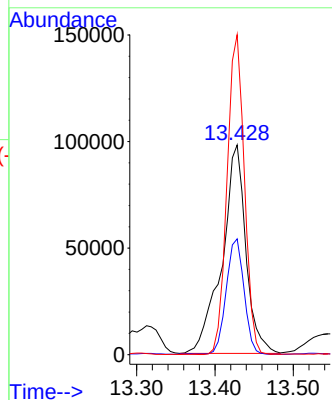
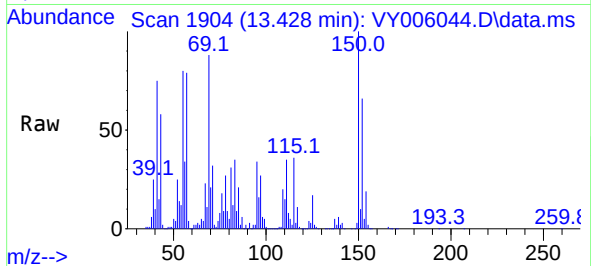




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

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Tgt Ion:152 Resp: 207599
Ion Ratio Lower Upper
152 100
115 41.2 28.2 84.7
150 111.0 0.0 347.6



#94
Hexachlorobutadiene
Concen: 1.22 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY006044.D
Acq: 16 Sep 2021 13:47

Tgt Ion:225 Resp: 3284
Ion Ratio Lower Upper
225 100
223 65.4 30.8 92.3
227 71.9 31.6 94.7

