

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070385.D
 Acq On : 20 Sep 2021 15:45
 Operator : VA/SY
 Sample : M3798-04
 Misc : 7.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NAPL-07-(22-24)

Quant Time: Sep 21 03:34:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

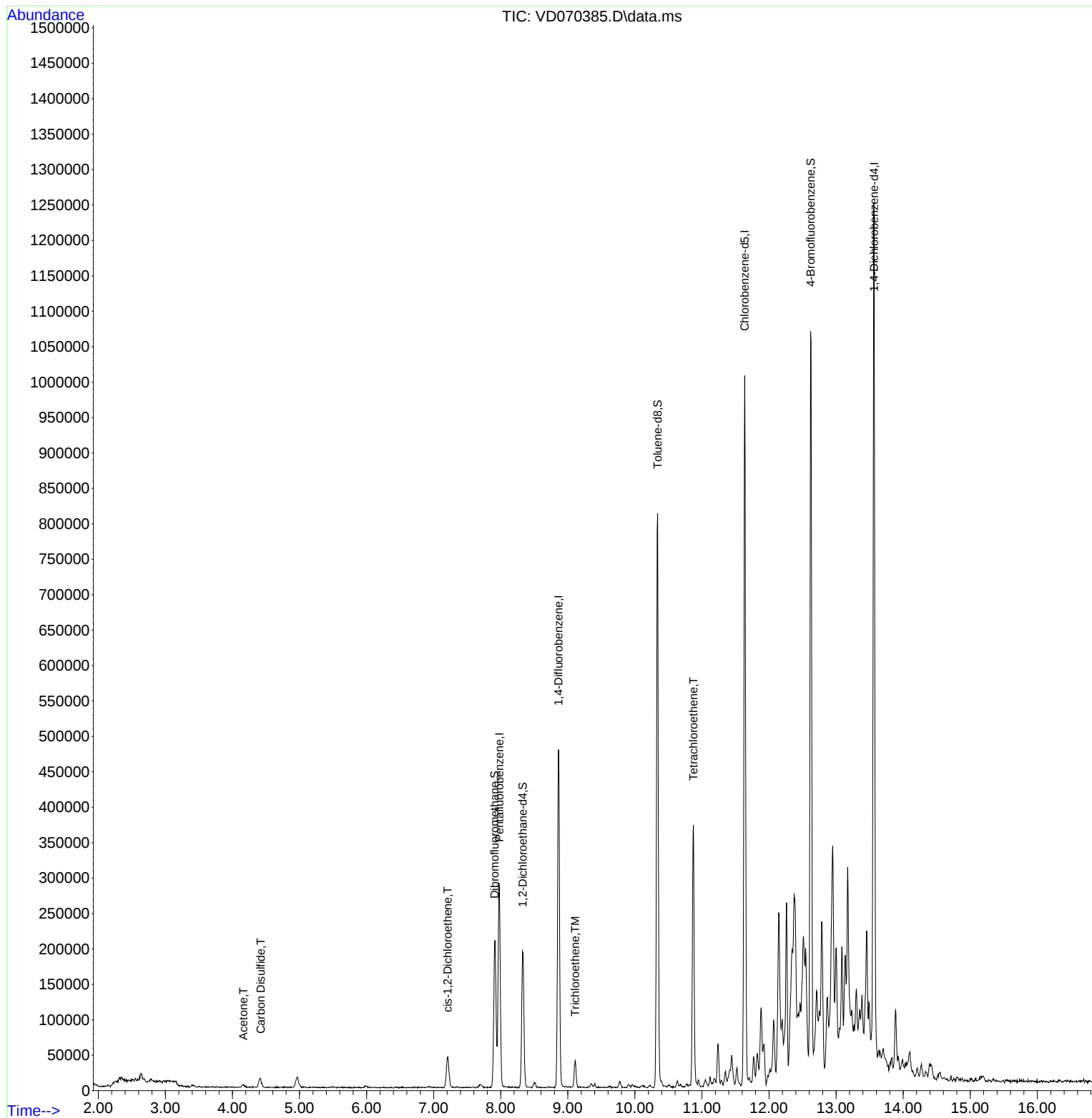
Internal Standards						
1) Pentafluorobenzene	7.979	168	200243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	403103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	588087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	322151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	158044	61.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.940%	
35) Dibromofluoromethane	7.909	113	153629	53.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.080%	
50) Toluene-d8	10.338	98	559830	53.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	12.620	95	343876	94.448	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 188.900%#	
Target Compounds						
						Qvalue
16) Acetone	4.162	43	6384	13.907	ug/l	# 79
17) Carbon Disulfide	4.420	76	29260	3.402	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	27808	9.328	ug/l	89
44) Trichloroethene	9.108	130	14357	4.758	ug/l	92
64) Tetrachloroethene	10.873	164	86488	24.155	ug/l	95

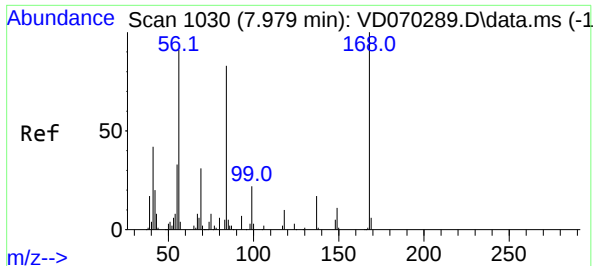
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

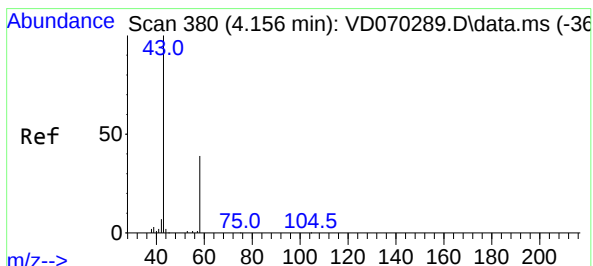
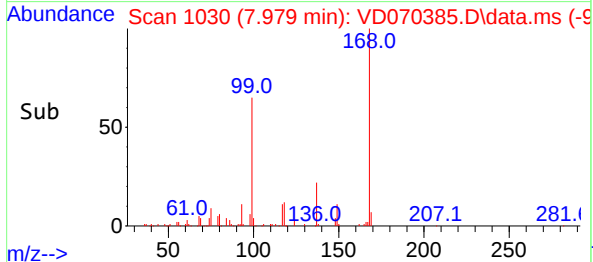
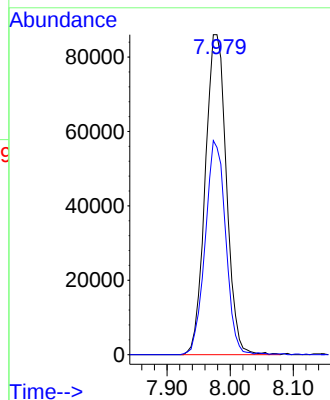
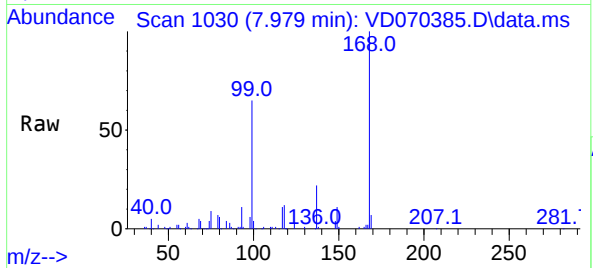




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

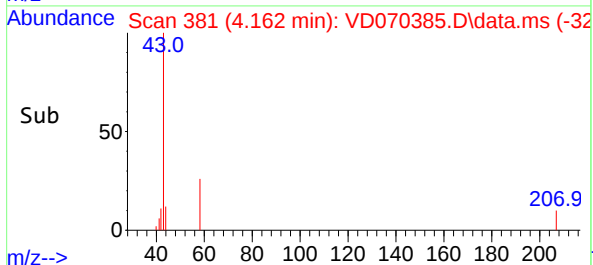
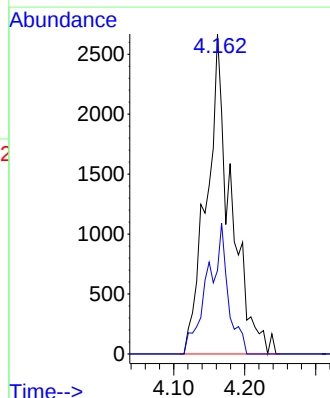
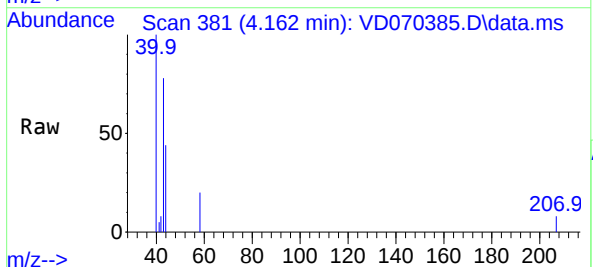
Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(22-24)

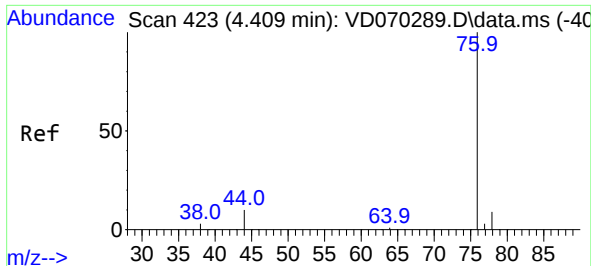
Tgt Ion:168 Resp: 200243
Ion Ratio Lower Upper
168 100
99 64.7 50.8 76.2



#16
Acetone
Concen: 13.907 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

Tgt Ion: 43 Resp: 6384
Ion Ratio Lower Upper
43 100
58 26.0 30.9 46.3#

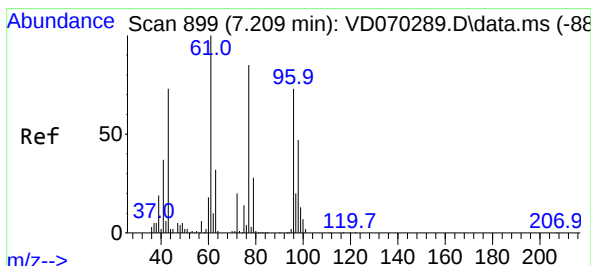
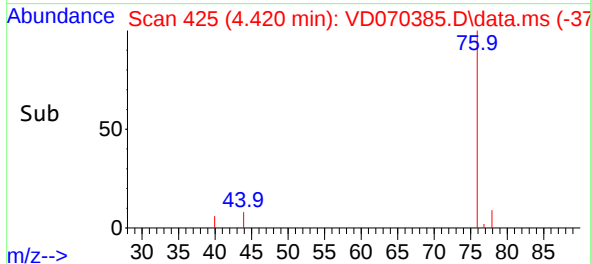
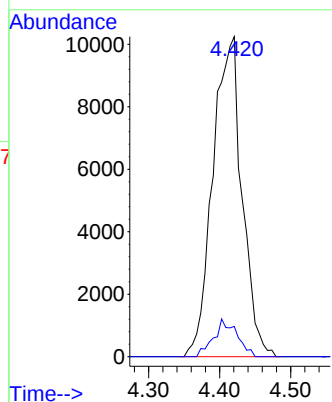
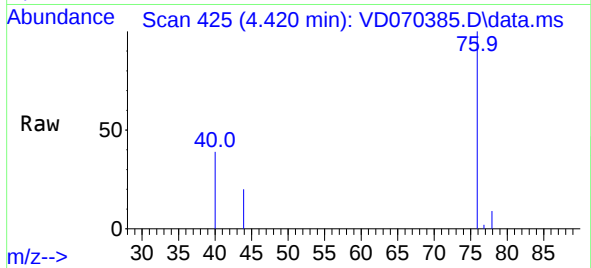




#17
Carbon Disulfide
Concen: 3.402 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.012 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

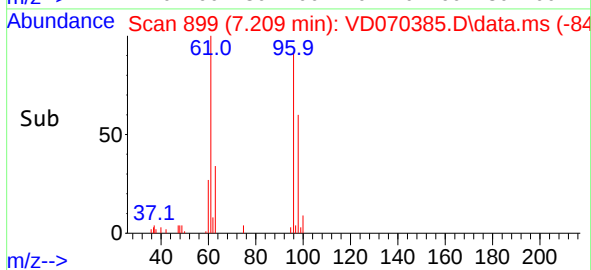
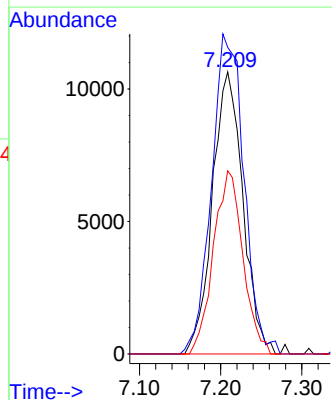
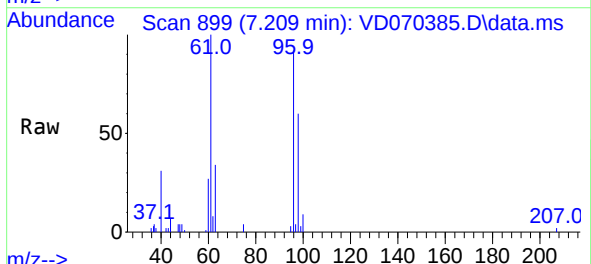
Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(22-24)

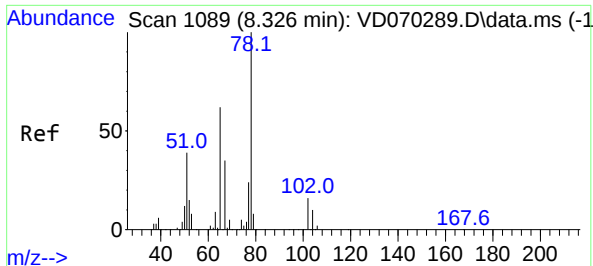
Tgt Ion: 76 Resp: 29260
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#27
cis-1,2-Dichloroethene
Concen: 9.328 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

Tgt Ion: 96 Resp: 27808
Ion Ratio Lower Upper
96 100
61 120.2 0.0 277.4
98 62.7 0.0 130.0



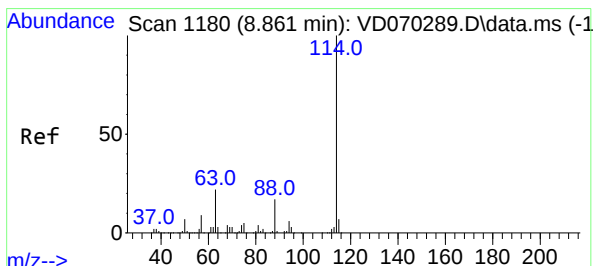
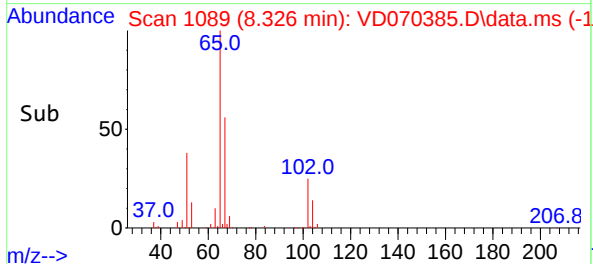
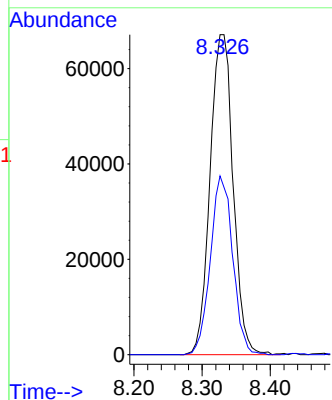
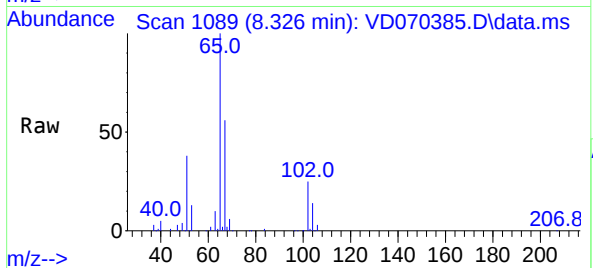


#33

1,2-Dichloroethane-d4
Concen: 61.468 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(22-24)

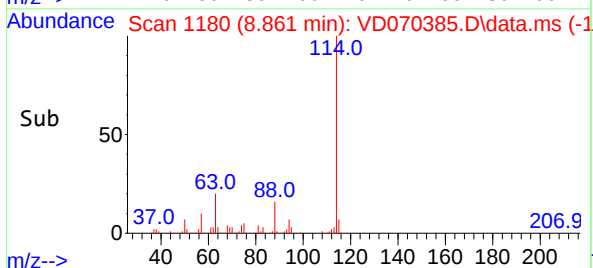
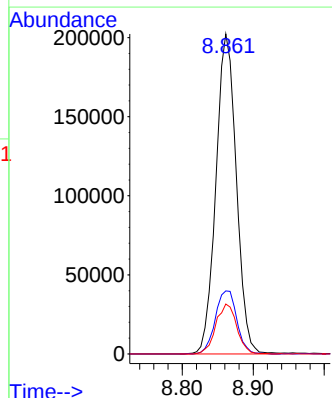
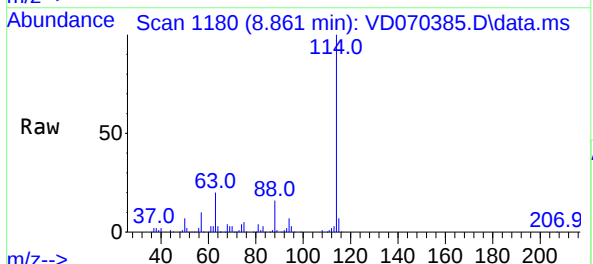
Tgt Ion: 65 Resp: 158044
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.4

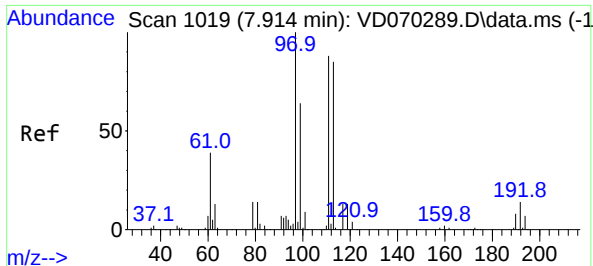


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

Tgt Ion: 114 Resp: 403103
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.4
88 15.6 0.0 33.4



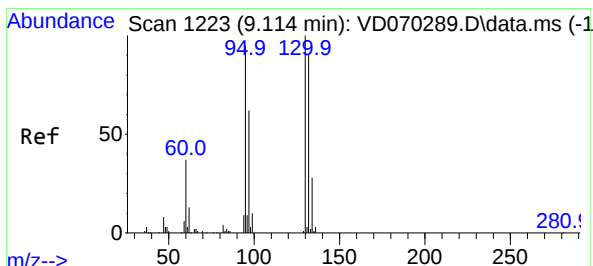
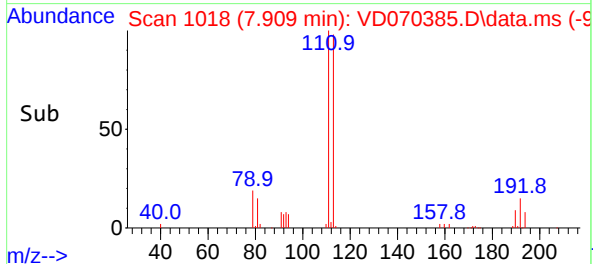
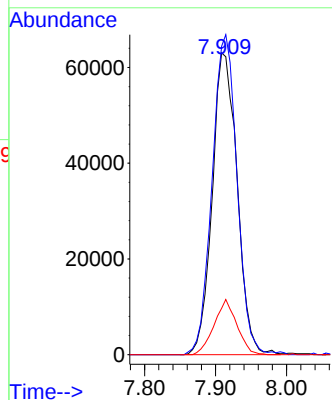
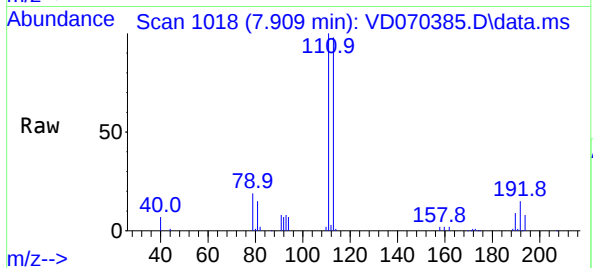


#35

Dibromofluoromethane
Concen: 53.542 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

Instrument :
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ClientSampleId :
NAPL-07-(22-24)

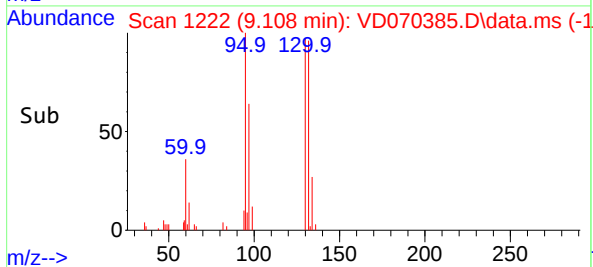
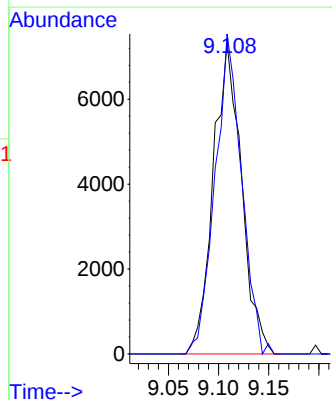
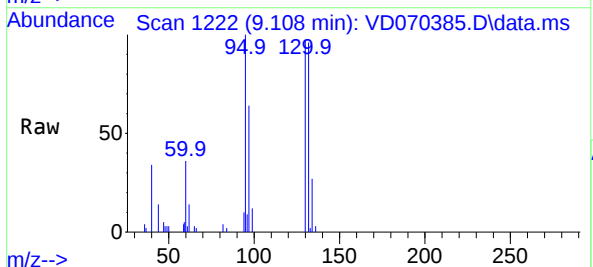
Tgt Ion:113 Resp: 153629
Ion Ratio Lower Upper
113 100
111 106.0 81.4 122.2
192 16.7 13.0 19.6

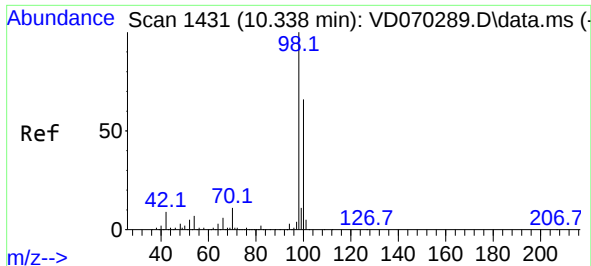


#44

Trichloroethene
Concen: 4.758 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

Tgt Ion:130 Resp: 14357
Ion Ratio Lower Upper
130 100
95 102.6 0.0 190.0

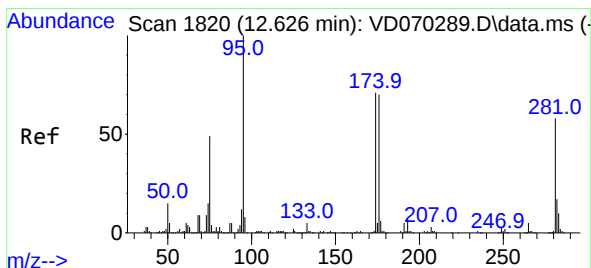
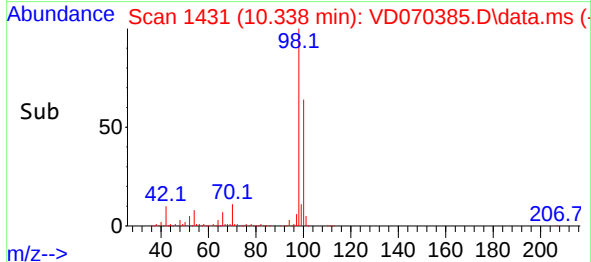
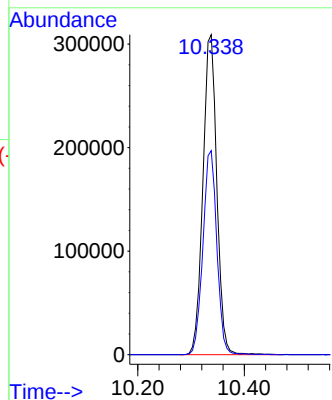
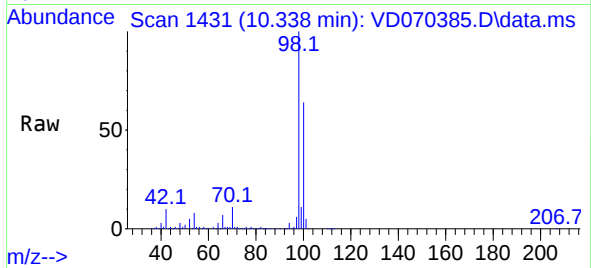




#50
Toluene-d8
Concen: 53.737 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

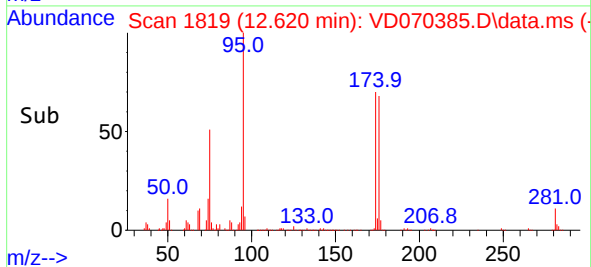
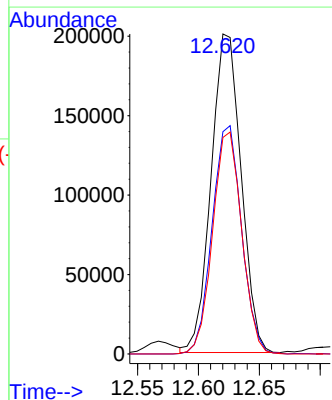
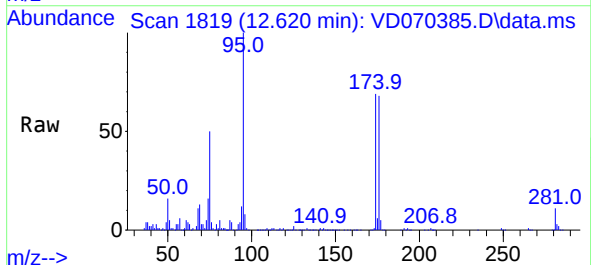
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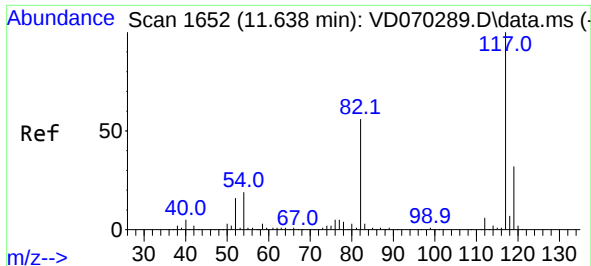
Tgt Ion: 98 Resp: 559830
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 94.448 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

Tgt Ion: 95 Resp: 343876
Ion Ratio Lower Upper
95 100
174 70.3 0.0 140.6
176 67.5 0.0 137.4

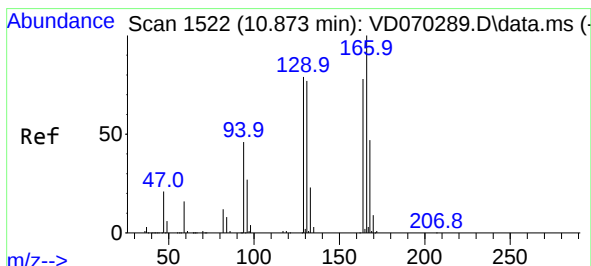
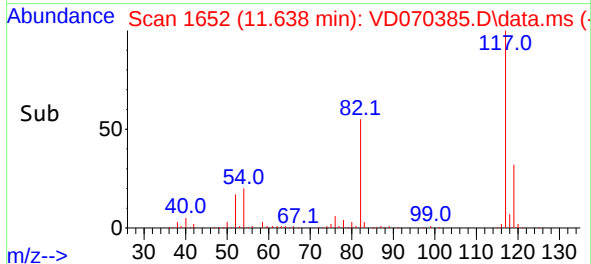
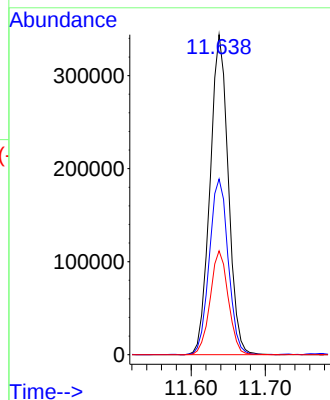
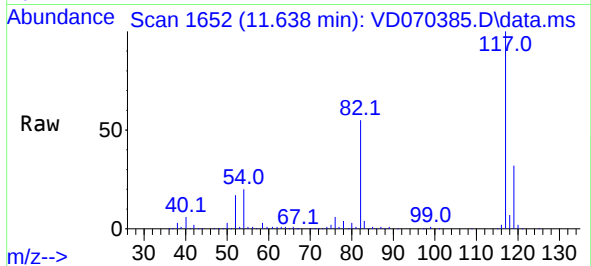




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

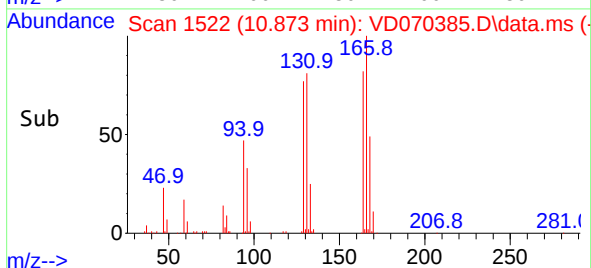
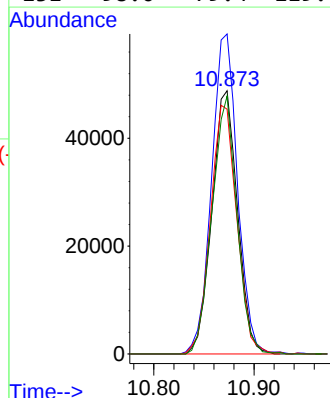
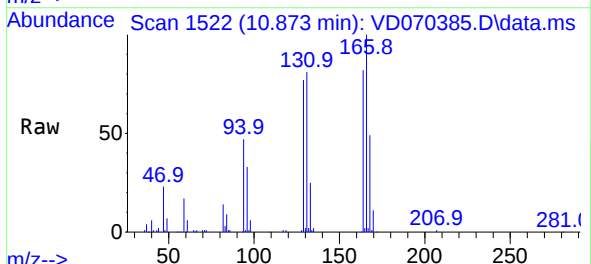
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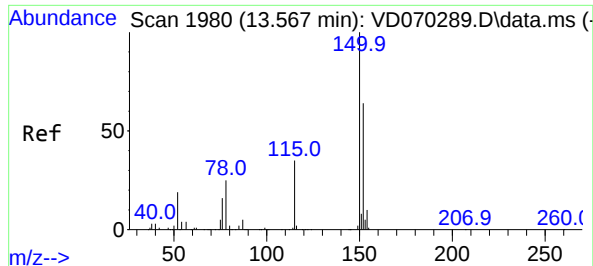
Tgt Ion:	117	Resp:	588087
Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.4
119	32.4	25.2	37.8



#64
Tetrachloroethene
Concen: 24.155 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070385.D
Acq: 20 Sep 2021 15:45

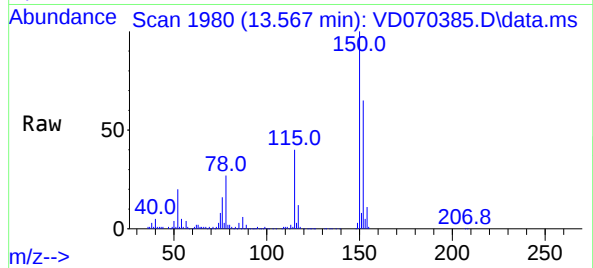
Tgt Ion:	164	Resp:	86488
Ion	Ratio	Lower	Upper
164	100		
166	121.6	102.4	153.6
129	93.0	80.9	121.3
131	98.0	79.4	119.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070385.D
 Acq: 20 Sep 2021 15:45

Instrument :
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Tgt Ion:	152	Resp:	322151
Ion	Ratio	Lower	Upper
152	100		
115	63.7	32.1	96.3
150	158.1	0.0	350.6

