

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070392.D
 Acq On : 20 Sep 2021 19:05
 Operator : VA/SY
 Sample : M3798-04RE
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 21 03:36:10 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)

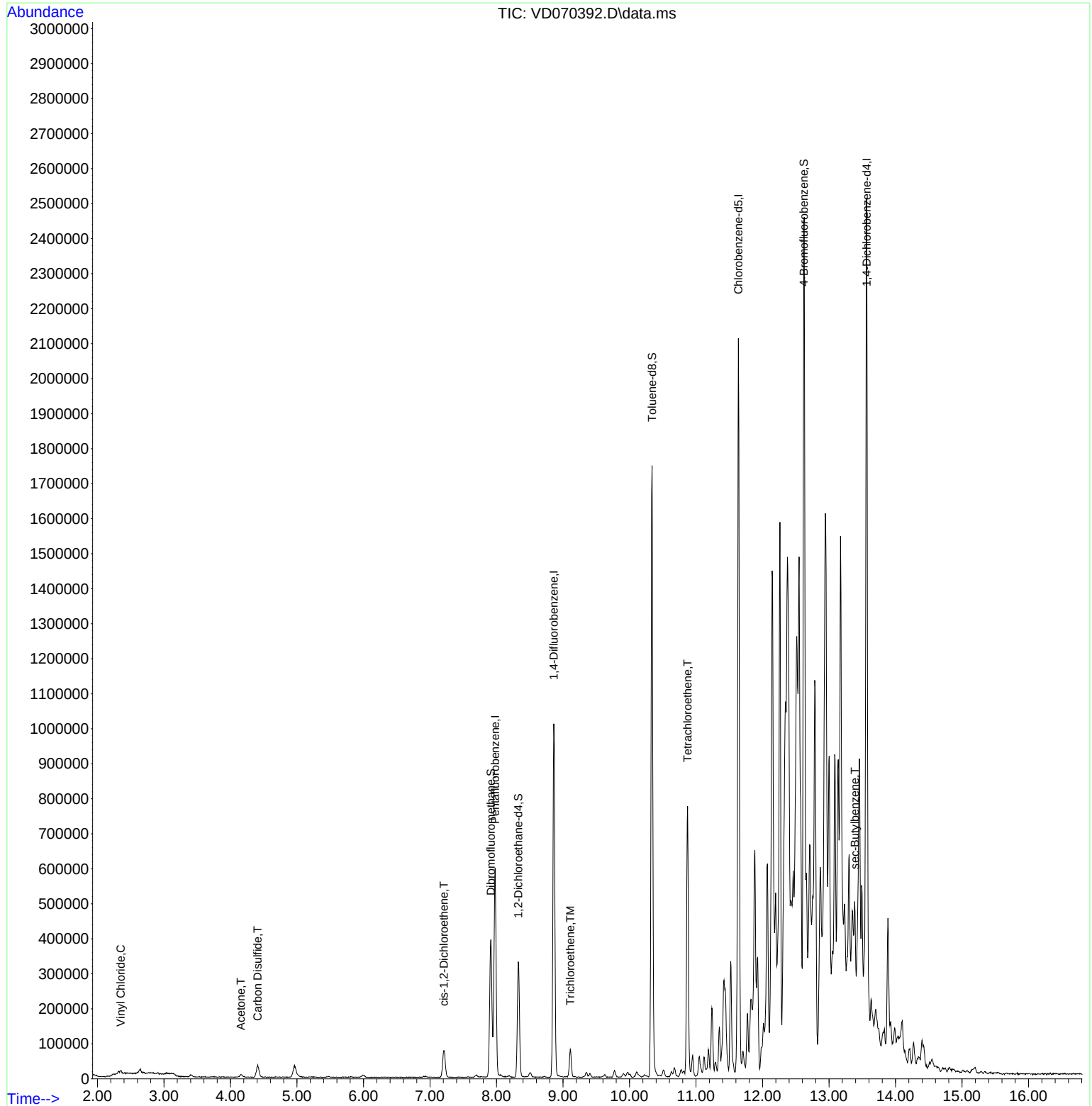
Internal Standards						
1) Pentafluorobenzene	7.979	168	414344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	856212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1193298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	630483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	271628	51.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.120%	
35) Dibromofluoromethane	7.914	113	293577	48.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.340%	
50) Toluene-d8	10.338	98	1181881	53.411	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	12.620	95	687328	88.877	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 177.760%#	
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.350	62	6554	1.005	ug/l	89
16) Acetone	4.156	43	14502	15.268	ug/l #	85
17) Carbon Disulfide	4.409	76	72525	4.075	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	49190	7.975	ug/l	90
44) Trichloroethene	9.108	130	28490	4.445	ug/l	97
64) Tetrachloroethene	10.873	164	172963	23.807	ug/l	98
85) sec-Butylbenzene	13.391	105	76980	1.582	ug/l #	59

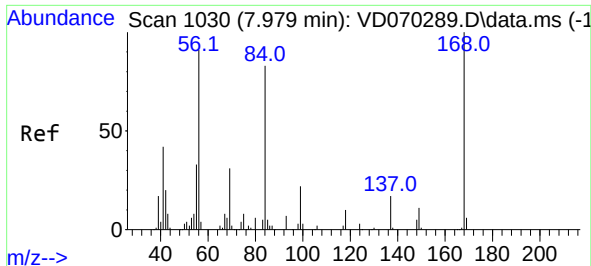
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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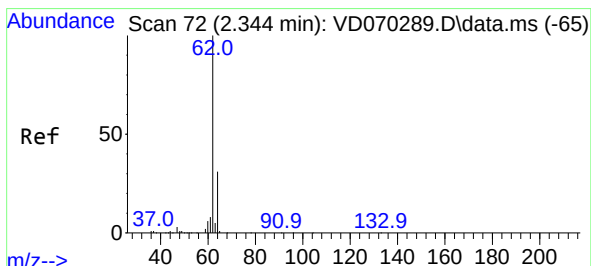
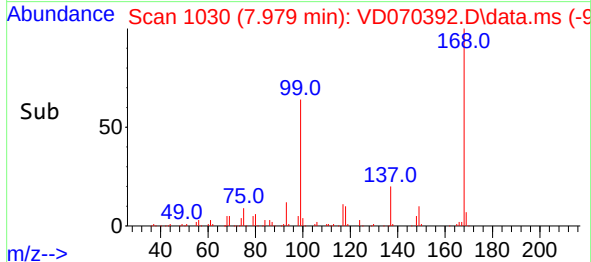
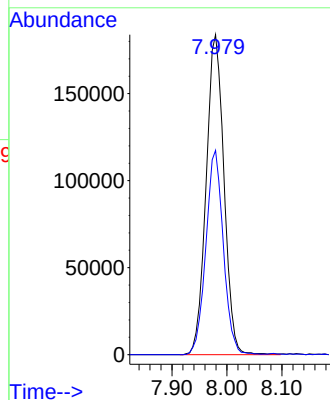
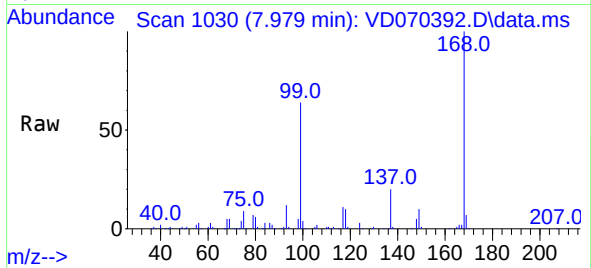




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

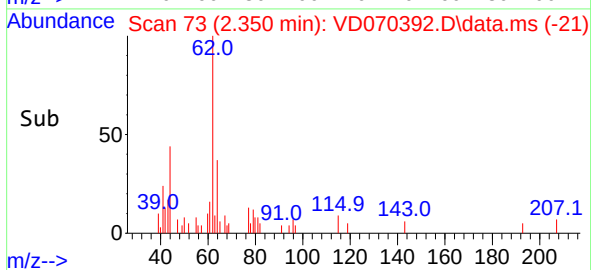
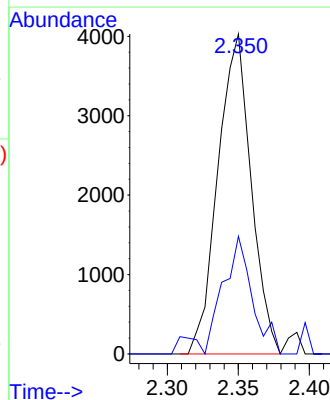
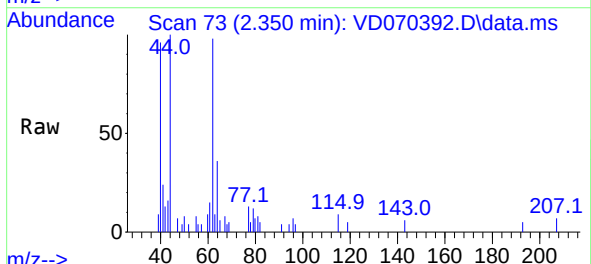
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MSVOA_D
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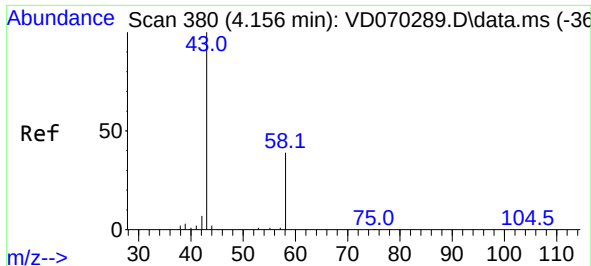
Tgt Ion:168 Resp: 414344
Ion Ratio Lower Upper
168 100
99 63.9 50.8 76.2



#4
Vinyl Chloride
Concen: 1.005 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

Tgt Ion: 62 Resp: 6554
Ion Ratio Lower Upper
62 100
64 36.8 24.6 36.8

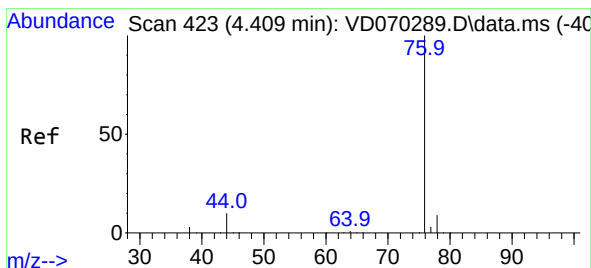
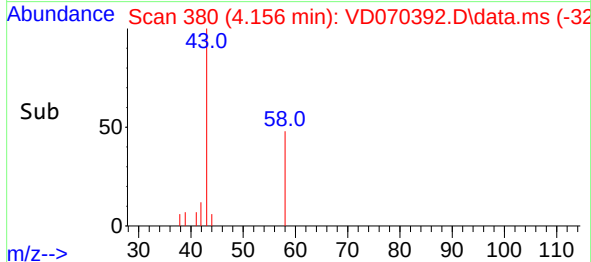
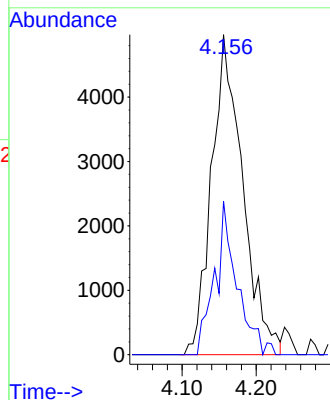
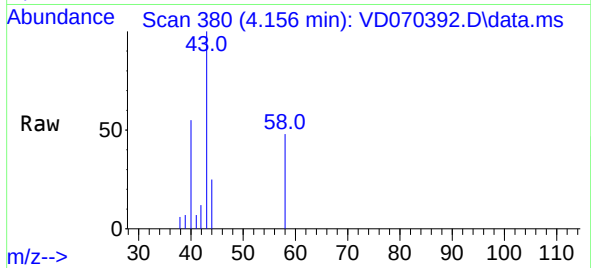




#16
Acetone
Concen: 15.268 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

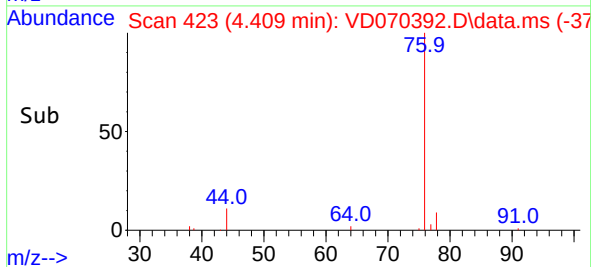
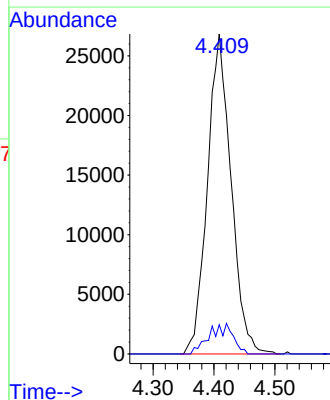
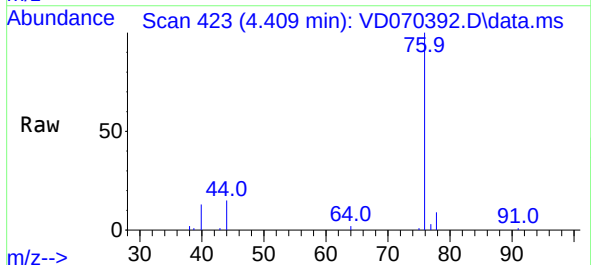
Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(22-24)RE

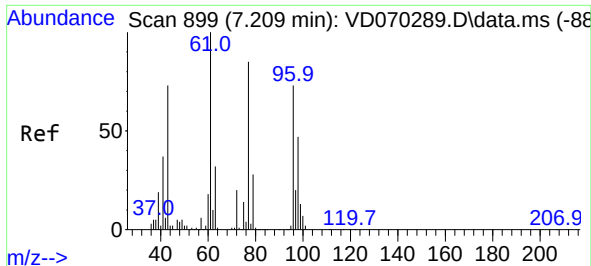
Tgt Ion: 43 Resp: 14502
Ion Ratio Lower Upper
43 100
58 48.0 30.9 46.3#



#17
Carbon Disulfide
Concen: 4.075 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

Tgt Ion: 76 Resp: 72525
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

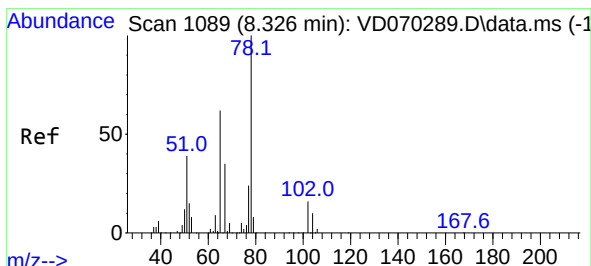
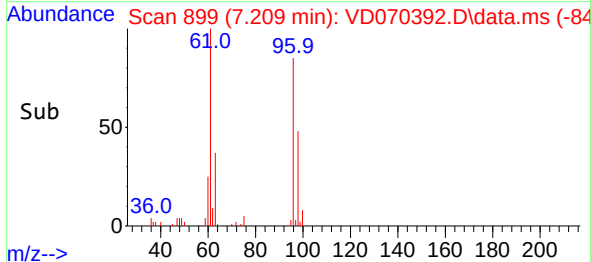
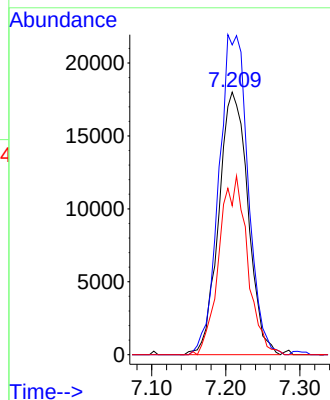
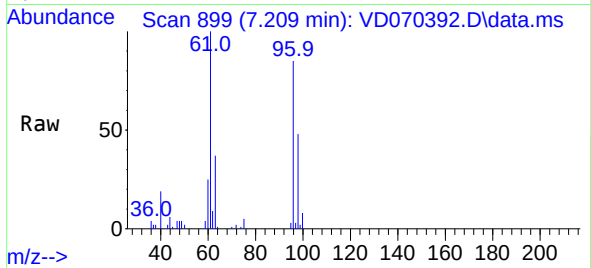




#27
cis-1,2-Dichloroethene
Concen: 7.975 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

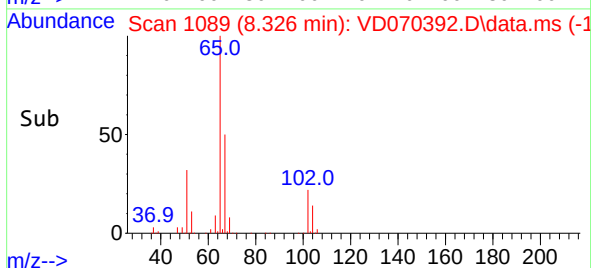
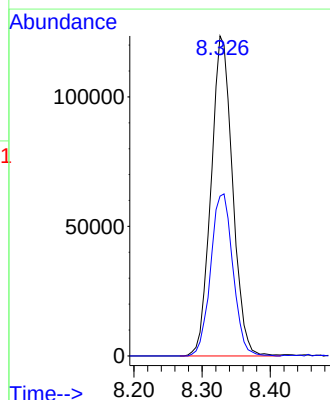
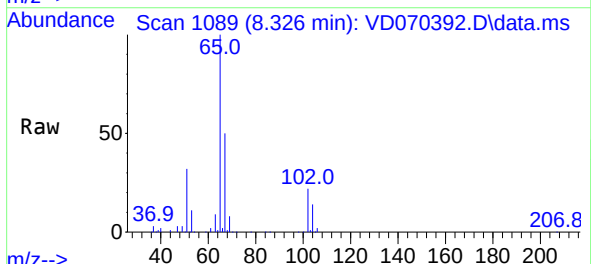
Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(22-24)RE

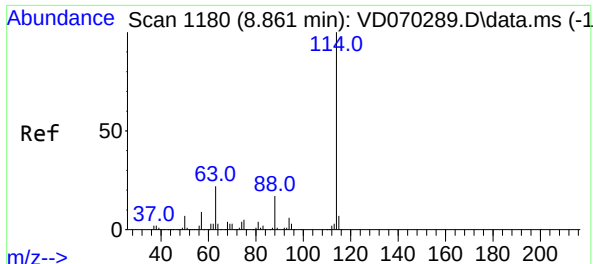
Tgt Ion: 96 Resp: 49190
Ion Ratio Lower Upper
96 100
61 122.2 0.0 277.4
98 66.0 0.0 130.0



#33
1,2-Dichloroethane-d4
Concen: 51.055 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

Tgt Ion: 65 Resp: 271628
Ion Ratio Lower Upper
65 100
67 52.3 0.0 111.4



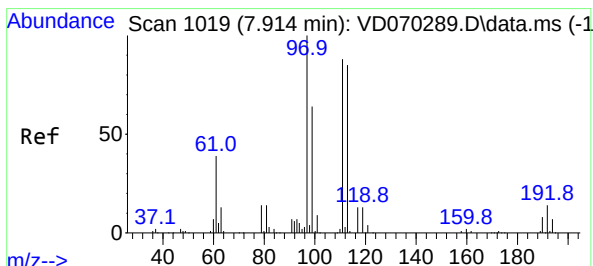
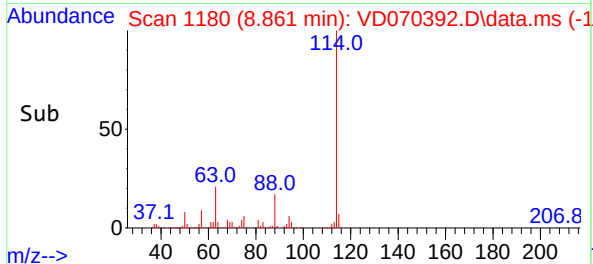
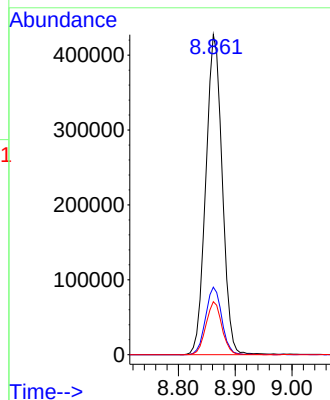
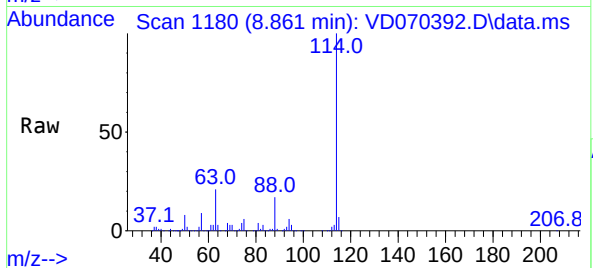


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

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

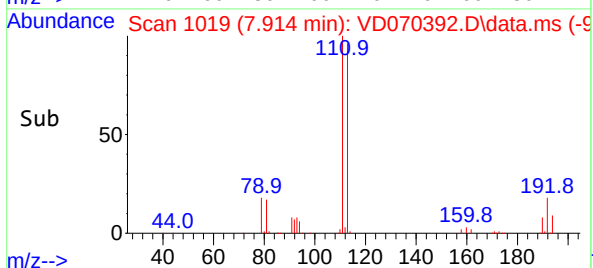
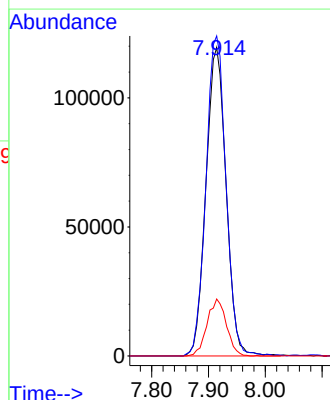
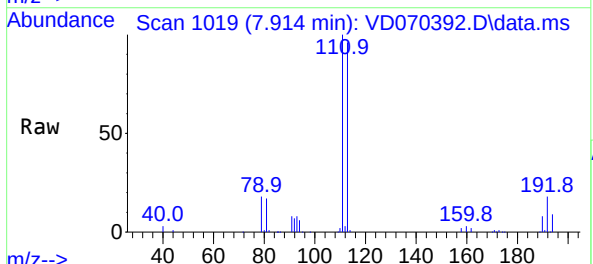
Tgt Ion:114 Resp: 856212
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.4
88 16.5 0.0 33.4

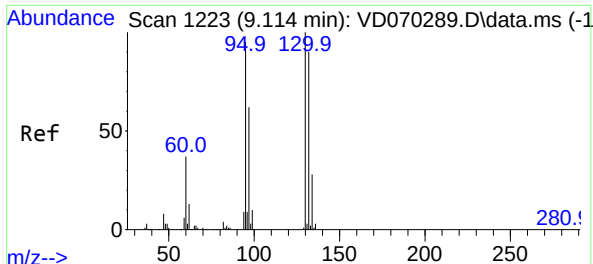


#35

Dibromofluoromethane
Concen: 48.170 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

Tgt Ion:113 Resp: 293577
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.2
192 17.7 13.0 19.6

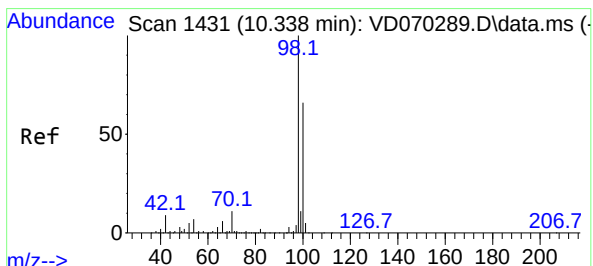
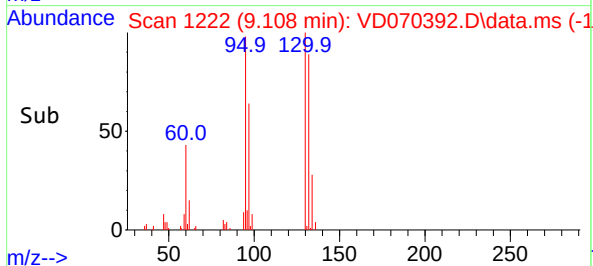
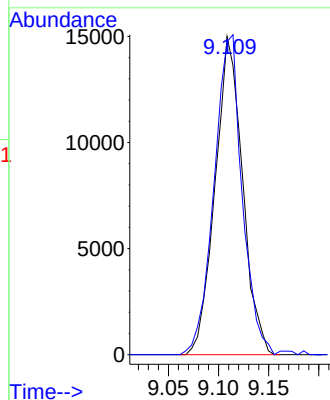
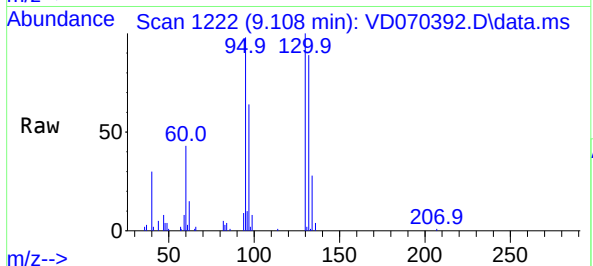




#44
Trichloroethene
Concen: 4.445 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

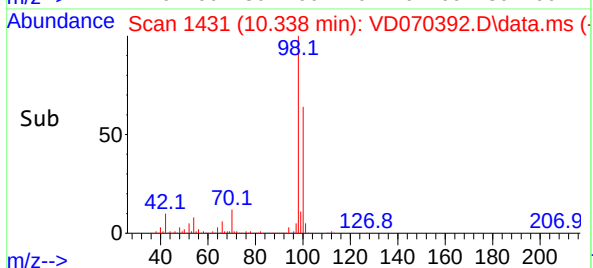
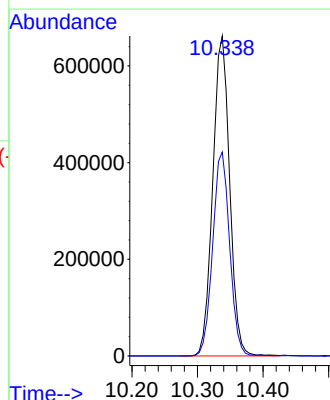
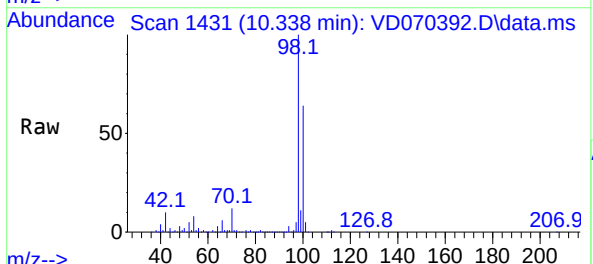
Instrument :
MSVOA_D
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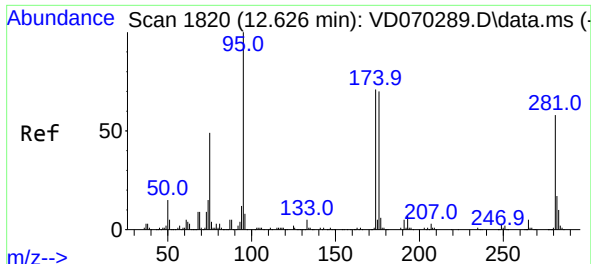
Tgt Ion:130 Resp: 28490
Ion Ratio Lower Upper
130 100
95 98.4 0.0 190.0



#50
Toluene-d8
Concen: 53.411 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

Tgt Ion: 98 Resp: 1181881
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

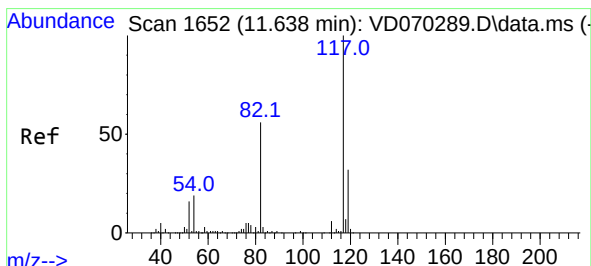
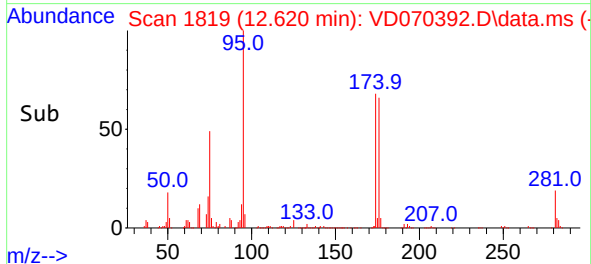
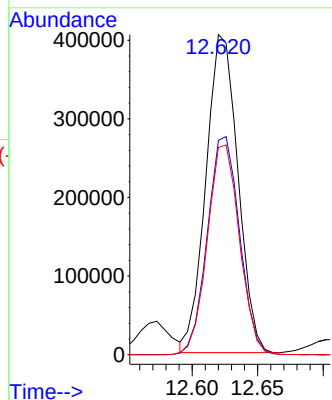
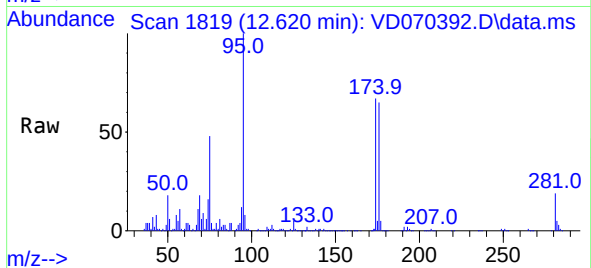




#62
4-Bromofluorobenzene
Concen: 88.877 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

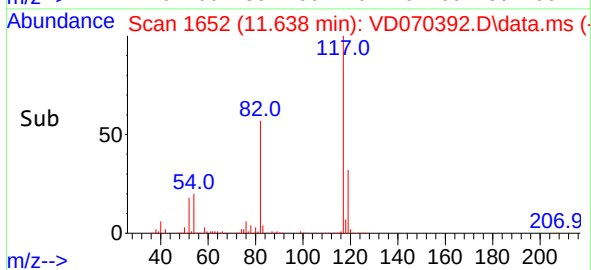
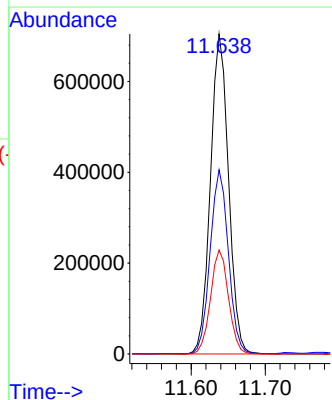
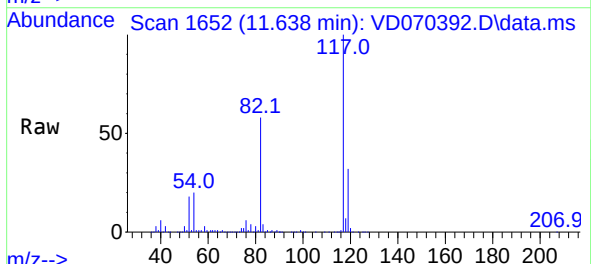
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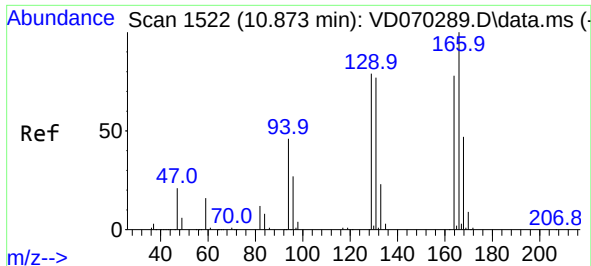
Tgt Ion: 95 Resp: 687328
Ion Ratio Lower Upper
95 100
174 69.0 0.0 140.6
176 66.1 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

Tgt Ion: 117 Resp: 1193298
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 32.5 25.2 37.8



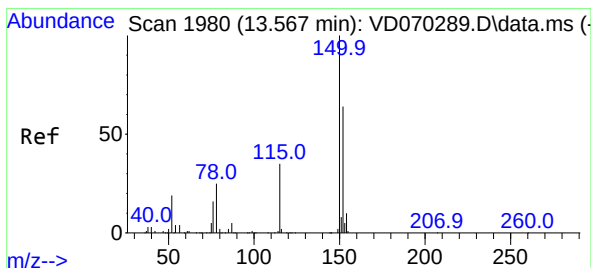
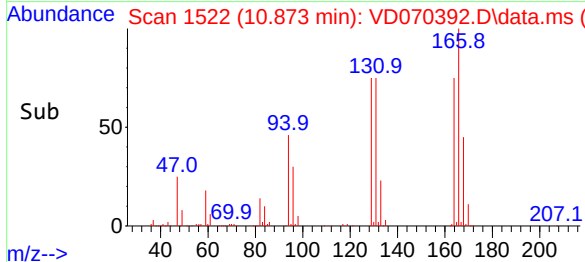
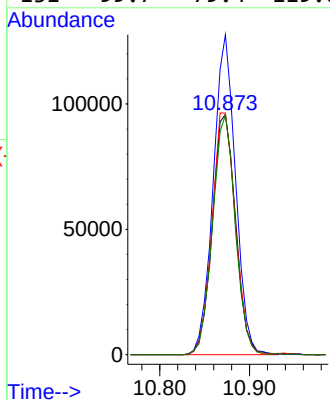
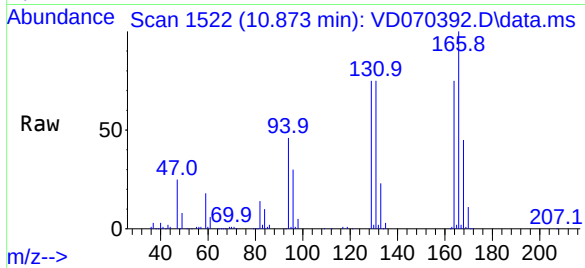


#64
Tetrachloroethene
Concen: 23.807 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

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

Tgt Ion:164 Resp: 172963

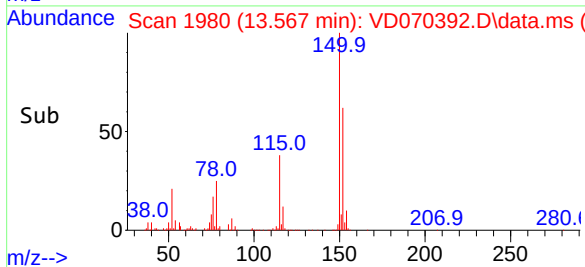
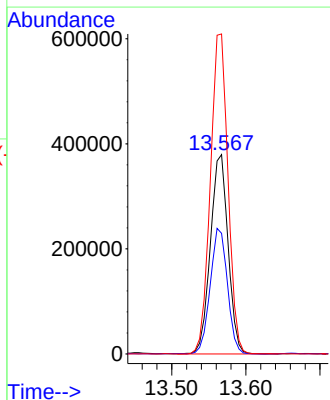
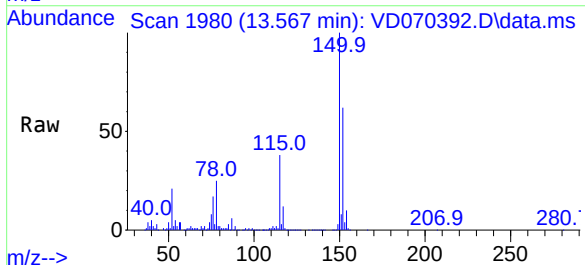
Ion	Ratio	Lower	Upper
164	100		
166	133.2	102.4	153.6
129	100.5	80.9	121.3
131	99.7	79.4	119.0

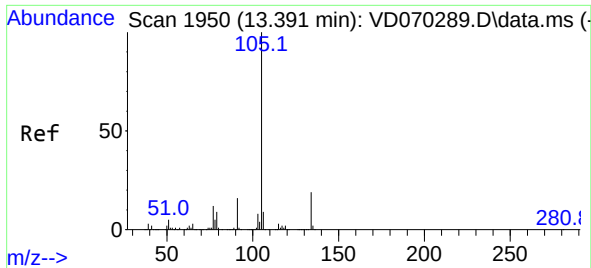


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070392.D
Acq: 20 Sep 2021 19:05

Tgt Ion:152 Resp: 630483

Ion	Ratio	Lower	Upper
152	100		
115	61.2	32.1	96.3
150	159.4	0.0	350.6





#85
 sec-Butylbenzene
 Concen: 1.582 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070392.D
 Acq: 20 Sep 2021 19:05

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

Tgt Ion:105 Resp: 76980
 Ion Ratio Lower Upper
 105 100
 134 38.3 9.8 29.3#

