

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070390.D
 Acq On : 20 Sep 2021 18:08
 Operator : VA/SY
 Sample : M3798-02RE
 Misc : 6.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NAPL-06-(30-32)RE

Quant Time: Sep 21 03:35:45 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)

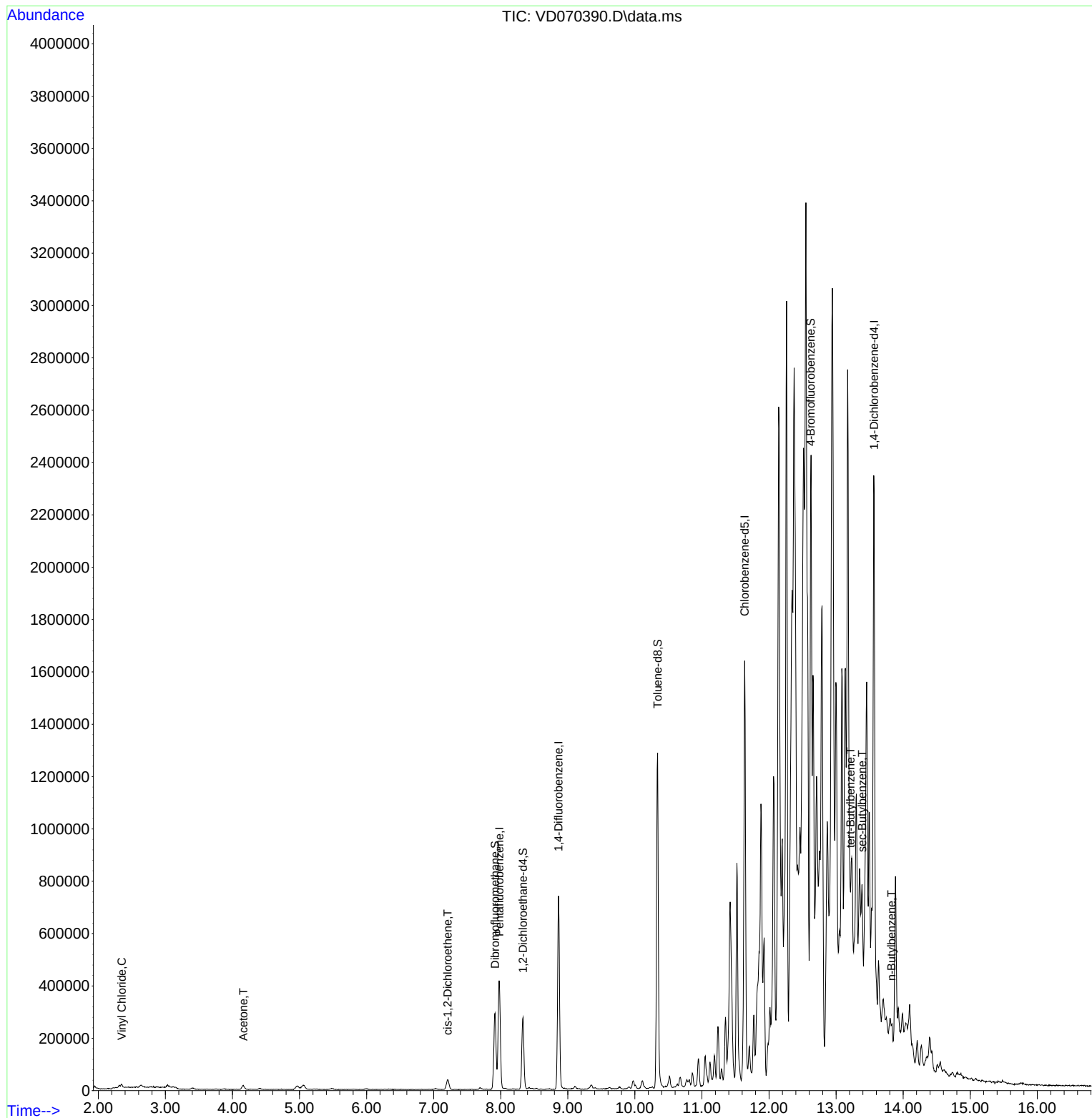
Internal Standards						
1) Pentafluorobenzene	7.979	168	291989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	607417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	915414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	497591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	221837	59.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.340%	
35) Dibromofluoromethane	7.914	113	214200	49.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.080%	
50) Toluene-d8	10.338	98	873731	55.658	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.320%	
62) 4-Bromofluorobenzene	12.620	95	549624	100.181	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 200.360%#	
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	6954	1.514	ug/l #	86
16) Acetone	4.162	43	25668	38.347	ug/l #	83
27) cis-1,2-Dichloroethene	7.209	96	22387	5.150	ug/l	89
83) tert-Butylbenzene	13.214	119	30520	1.264	ug/l	99
85) sec-Butylbenzene	13.391	105	101762	2.650	ug/l #	63
89) n-Butylbenzene	13.826	91	34992	1.138	ug/l #	80

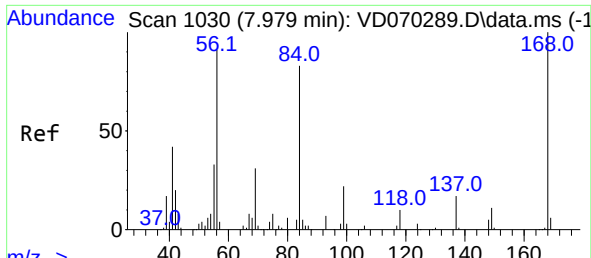
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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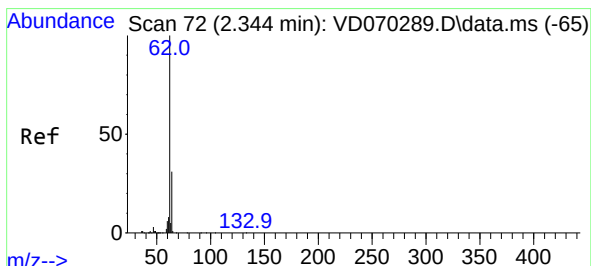
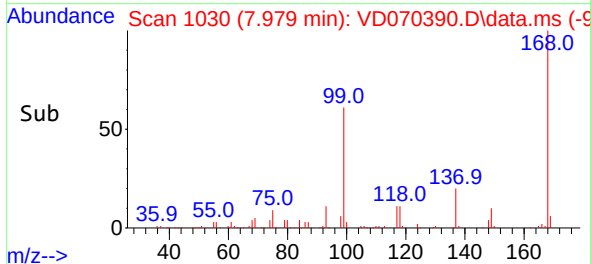
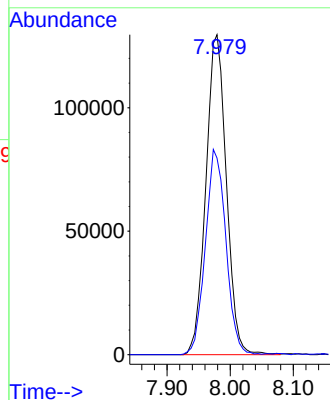
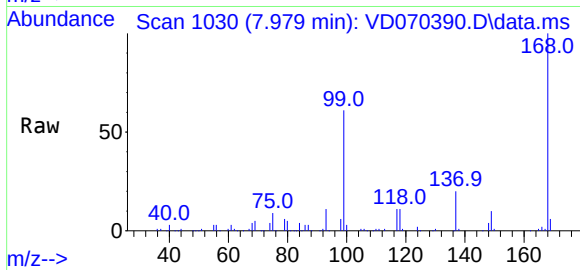




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

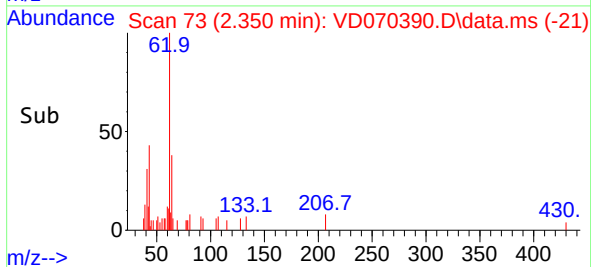
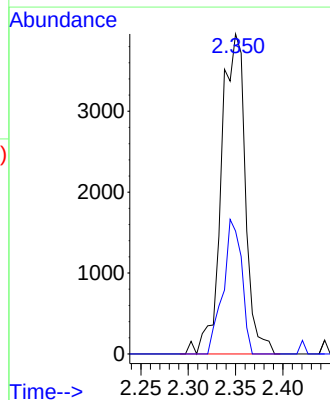
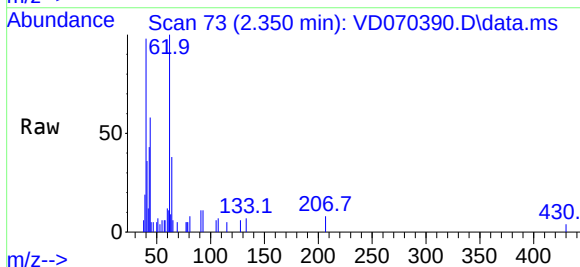
Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)RE

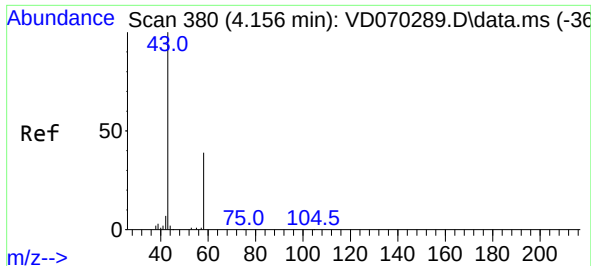
Tgt Ion:168 Resp: 291989
Ion Ratio Lower Upper
168 100
99 61.5 50.8 76.2



#4
Vinyl Chloride
Concen: 1.514 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

Tgt Ion: 62 Resp: 6954
Ion Ratio Lower Upper
62 100
64 38.4 24.6 36.8#

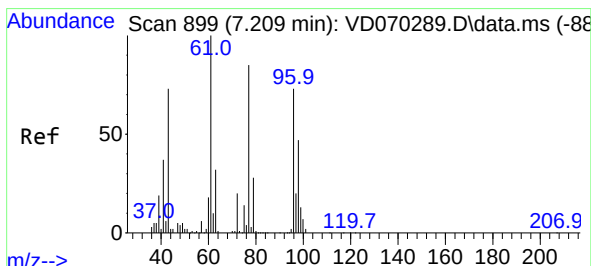
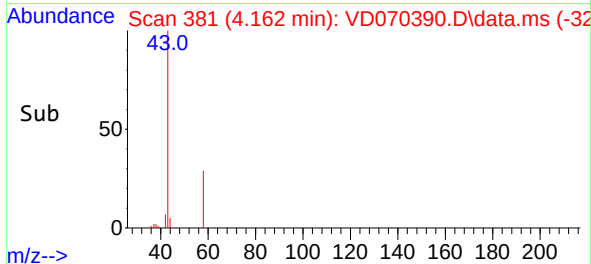
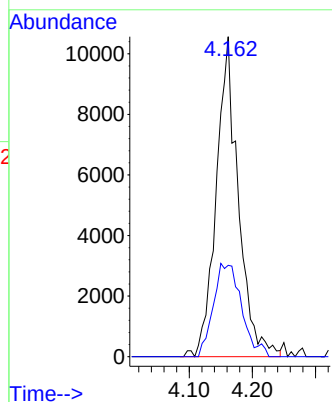
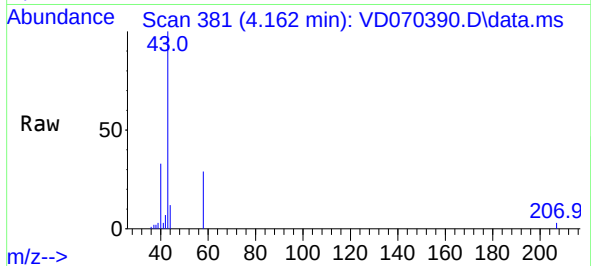




#16
Acetone
Concen: 38.347 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

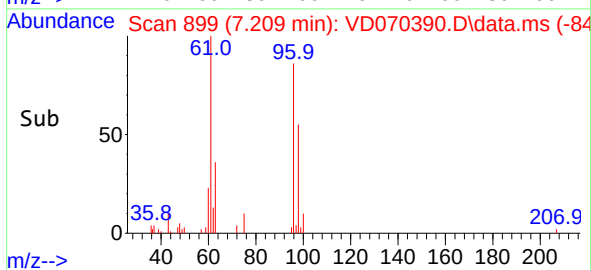
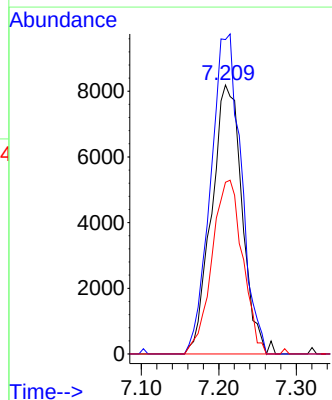
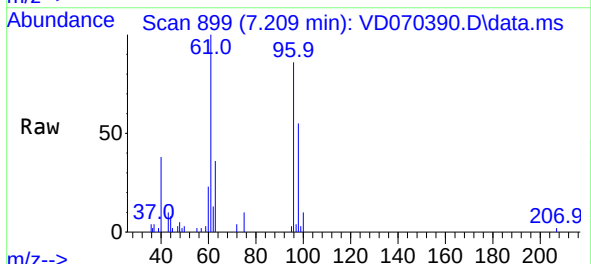
Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)RE

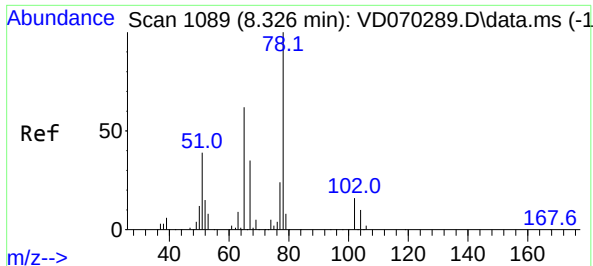
Tgt Ion: 43 Resp: 25668
Ion Ratio Lower Upper
43 100
58 28.5 30.9 46.3#



#27
cis-1,2-Dichloroethene
Concen: 5.150 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

Tgt Ion: 96 Resp: 22387
Ion Ratio Lower Upper
96 100
61 119.1 0.0 277.4
98 65.2 0.0 130.0



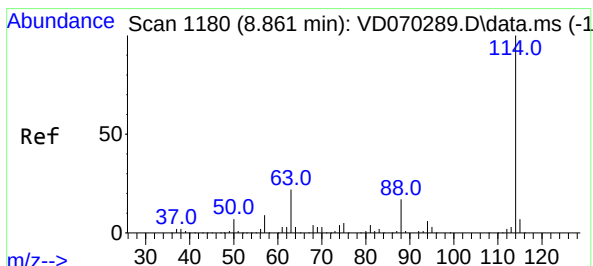
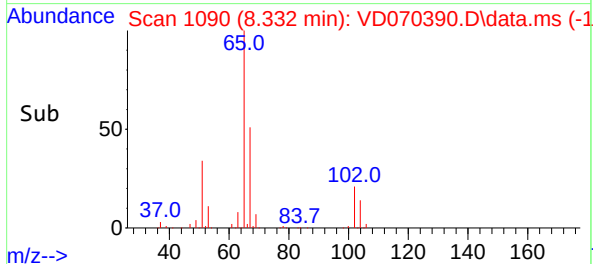
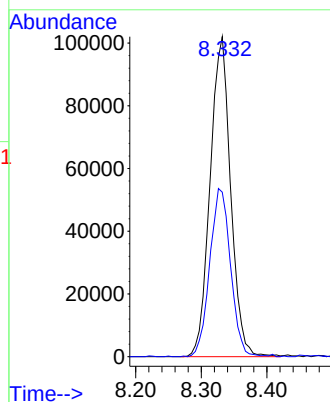
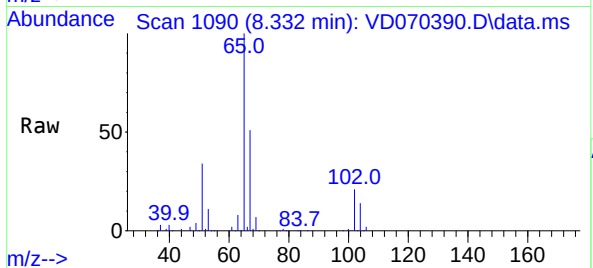


#33

1,2-Dichloroethane-d4
Concen: 59.169 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)RE

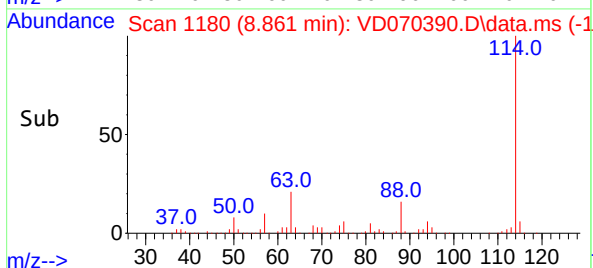
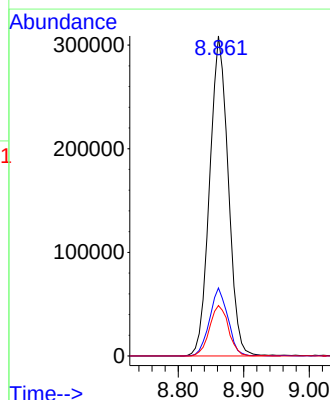
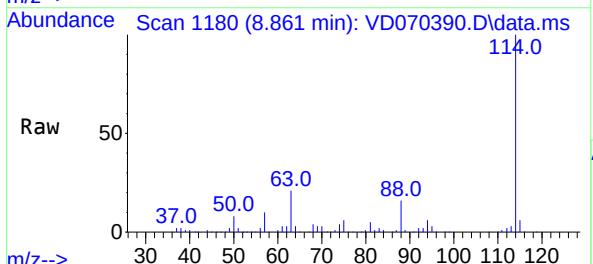
Tgt Ion: 65 Resp: 221837
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.4

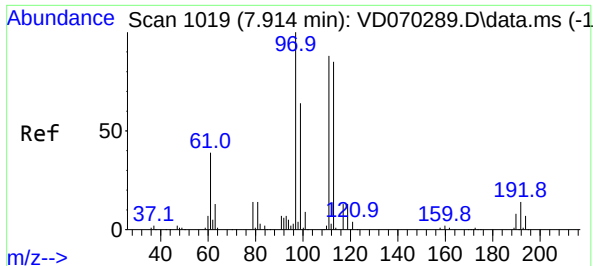


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

Tgt Ion:114 Resp: 607417
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.4
88 15.8 0.0 33.4

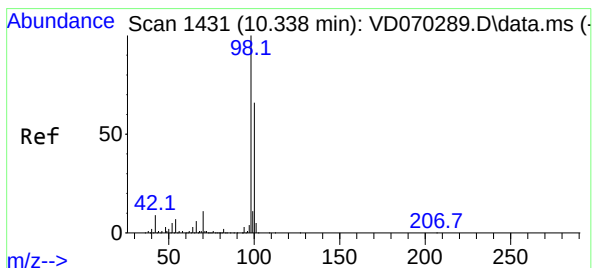
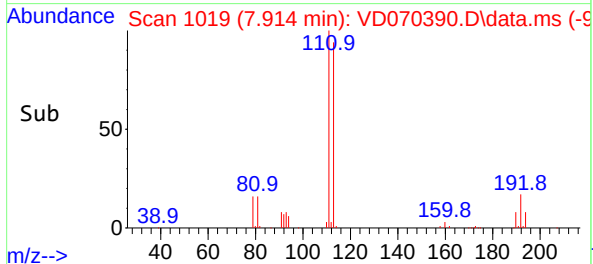
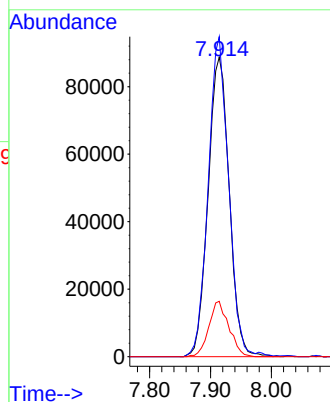
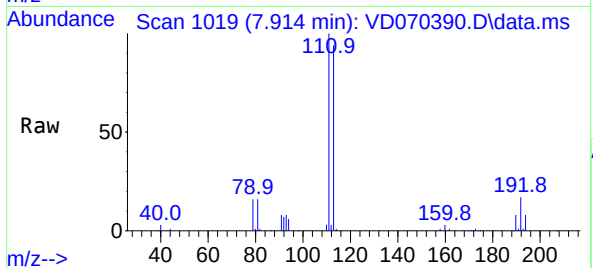




#35
Dibromofluoromethane
Concen: 49.541 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

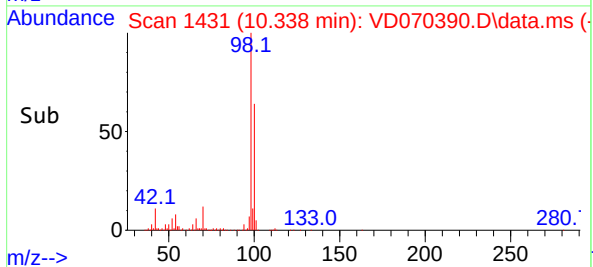
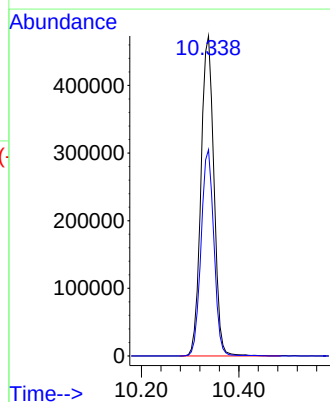
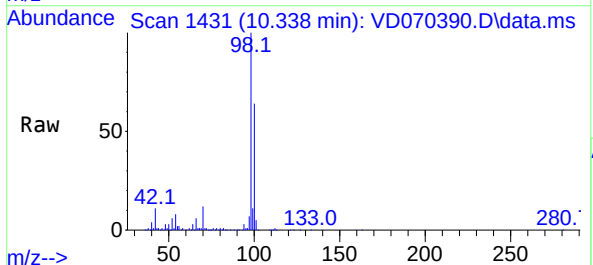
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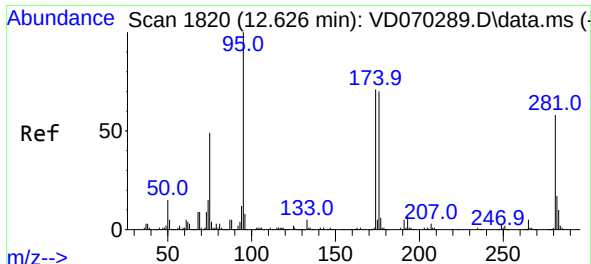
Tgt Ion:113 Resp: 214200
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.2
192 17.5 13.0 19.6



#50
Toluene-d8
Concen: 55.658 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

Tgt Ion: 98 Resp: 873731
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

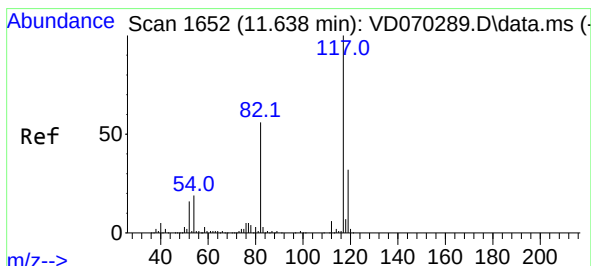
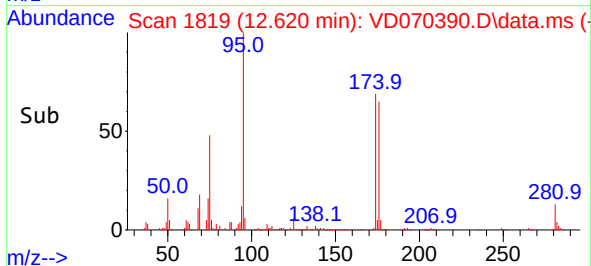
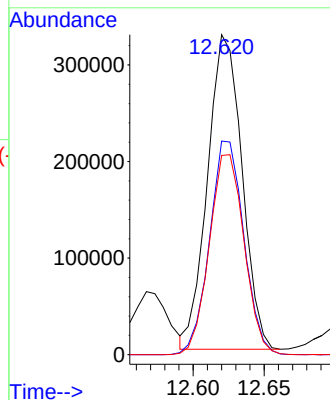
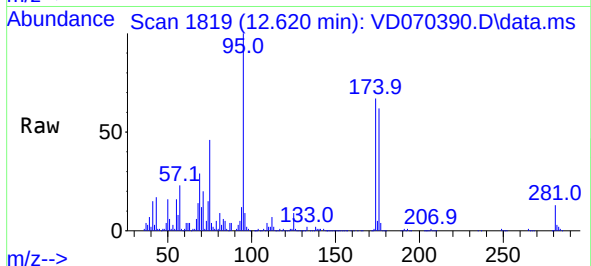




#62
4-Bromofluorobenzene
Concen: 100.181 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

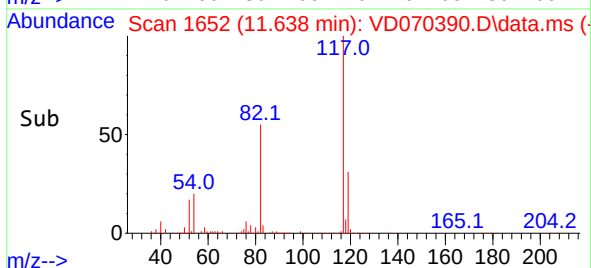
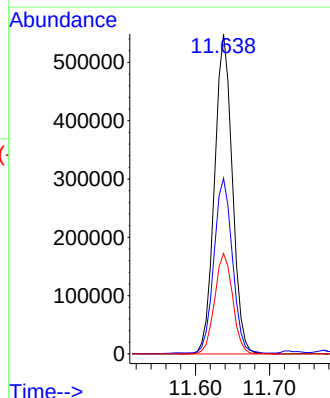
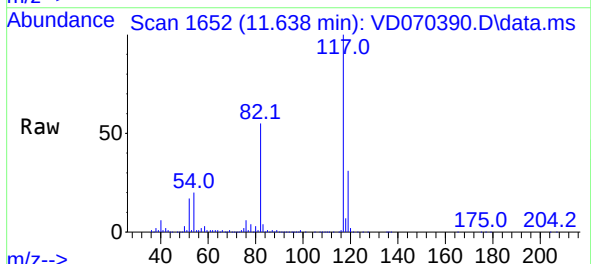
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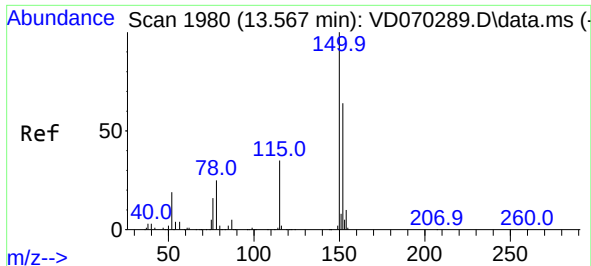
Tgt Ion: 95 Resp: 549624
Ion Ratio Lower Upper
95 100
174 67.7 0.0 140.6
176 64.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

Tgt Ion: 117 Resp: 915414
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.4 25.2 37.8

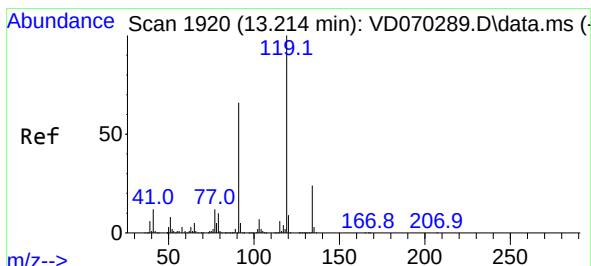
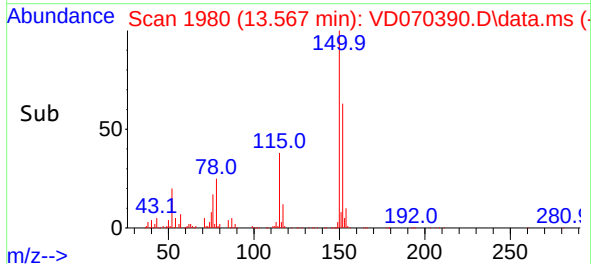
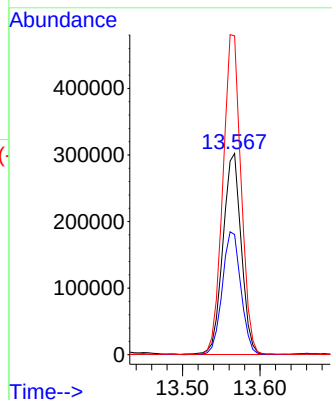
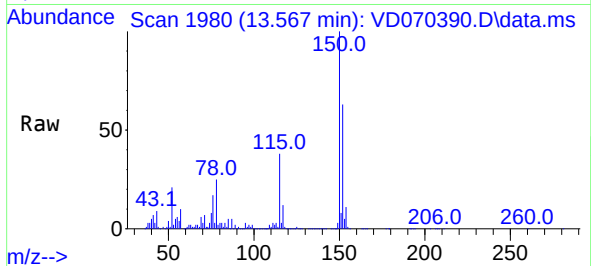




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

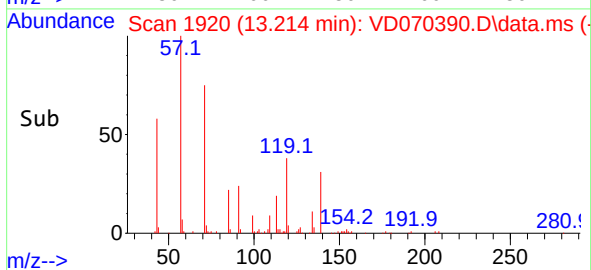
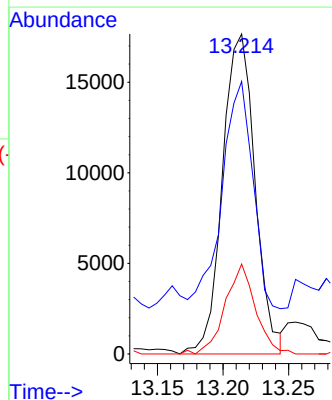
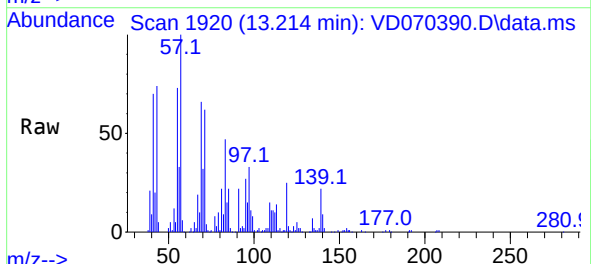
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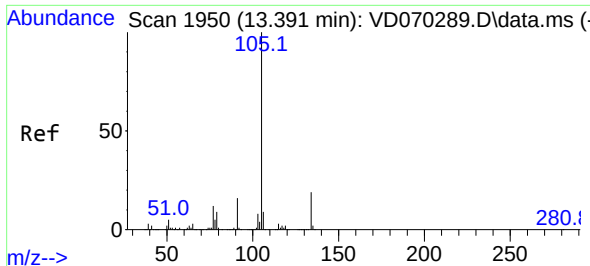
Tgt Ion:152 Resp: 497591
Ion Ratio Lower Upper
152 100
115 62.0 32.1 96.3
150 157.8 0.0 350.6



#83
tert-Butylbenzene
Concen: 1.264 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

Tgt Ion:119 Resp: 30520
Ion Ratio Lower Upper
119 100
91 66.8 33.7 101.0
134 26.1 13.2 39.5

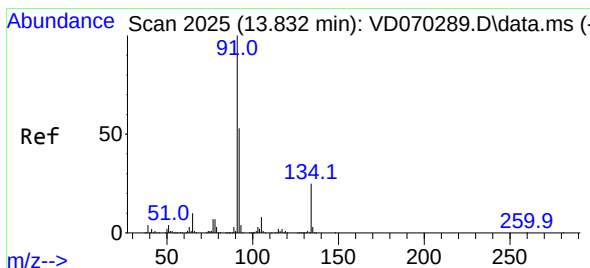
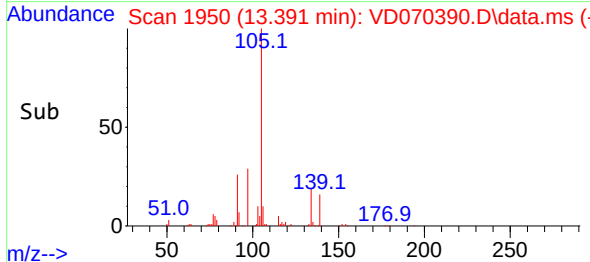
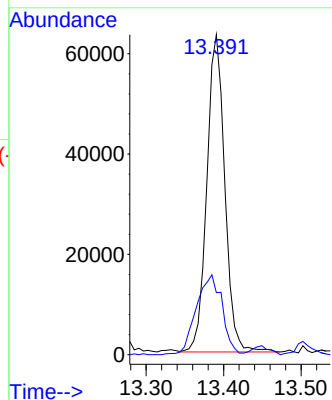
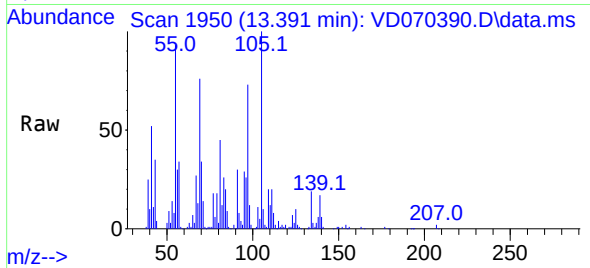




#85
sec-Butylbenzene
Concen: 2.650 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)RE

Tgt Ion:105 Resp: 101762
Ion Ratio Lower Upper
105 100
134 36.2 9.8 29.3#



#89
n-Butylbenzene
Concen: 1.138 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD070390.D
Acq: 20 Sep 2021 18:08

Tgt Ion: 91 Resp: 34992
Ion Ratio Lower Upper
91 100
92 48.1 26.8 80.4
134 0.0 12.1 36.3#

