

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070383.D
 Acq On : 20 Sep 2021 14:48
 Operator : VA/SY
 Sample : M3798-02
 Misc : 6.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 21 03:34:11 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)

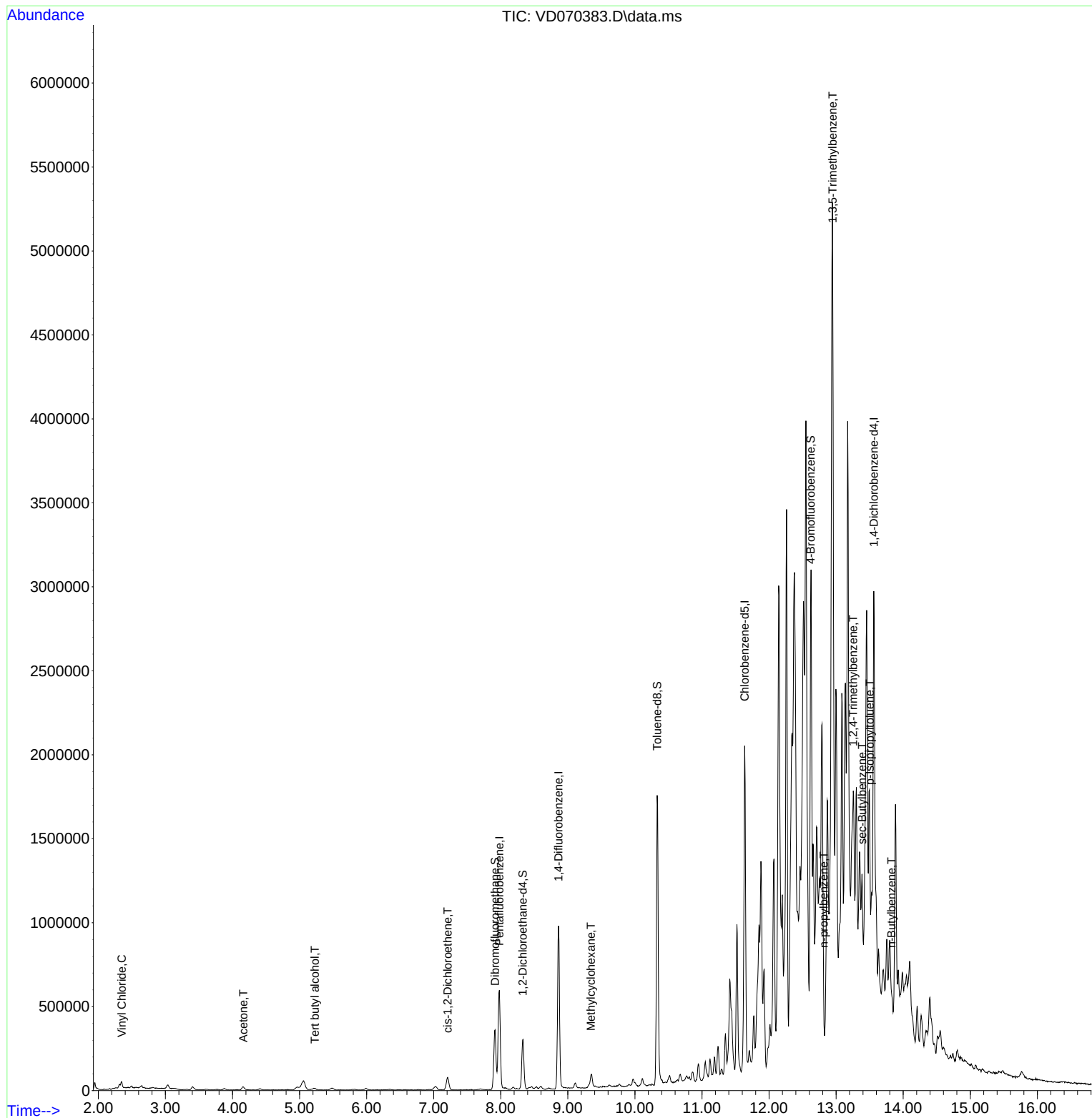
Internal Standards						
1) Pentafluorobenzene	7.979	168	400147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	816268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1112542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	596430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232258	45.204	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.400%		
35) Dibromofluoromethane	7.914	113	264883	45.589	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.180%		
50) Toluene-d8	10.332	98	1161981	55.081	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	110.160%		
62) 4-Bromofluorobenzene	12.620	95	656408	89.032	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	178.060%#		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.350	62	18202	2.891	ug/l	96
11) Tert butyl alcohol	5.226	59	17137	29.499	ug/l #	100
16) Acetone	4.162	43	31713	34.572	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	42499	7.134	ug/l	89
39) Methylcyclohexane	9.344	83	32282	3.312	ug/l	93
78) n-propylbenzene	12.814	91	91852	1.692	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	276755	7.667	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	549586	15.460	ug/l	100
85) sec-Butylbenzene	13.390	105	85928	1.867	ug/l #	63
86) p-Isopropyltoluene	13.502	119	77196	2.088	ug/l	100
89) n-Butylbenzene	13.826	91	50617	1.373	ug/l #	75

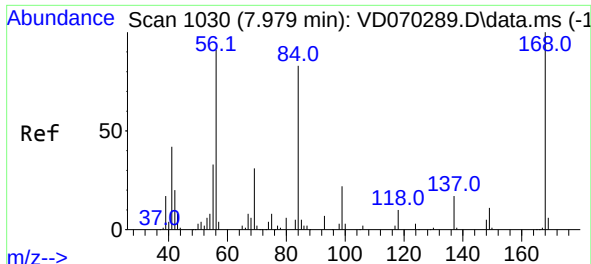
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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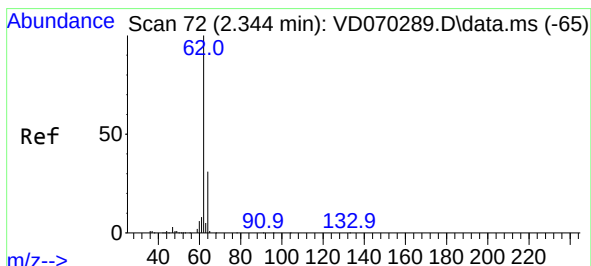
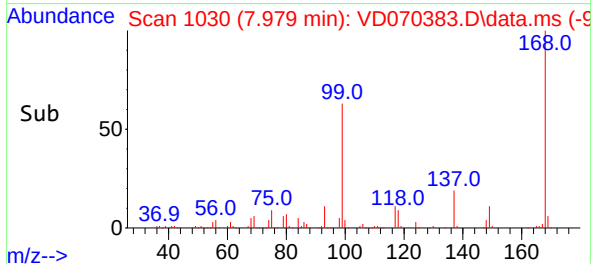
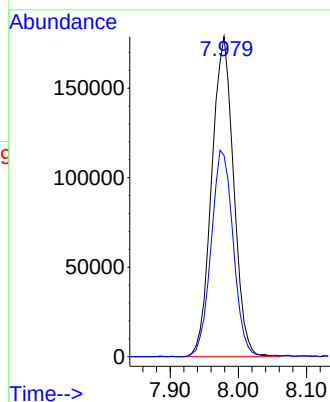
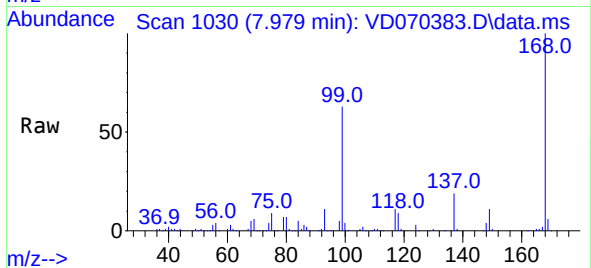




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

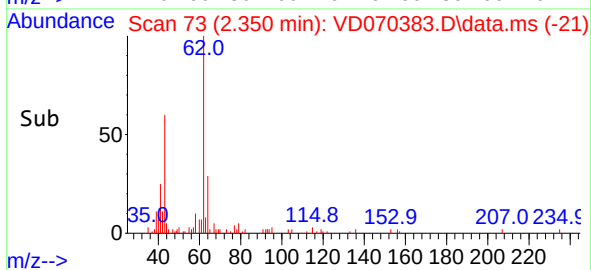
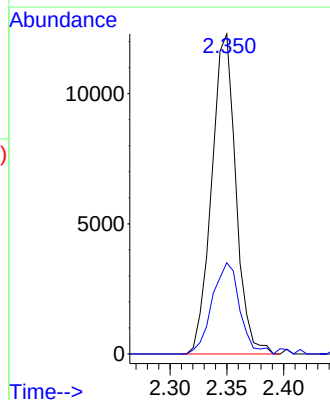
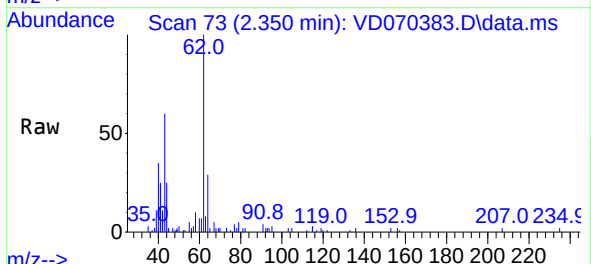
Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)

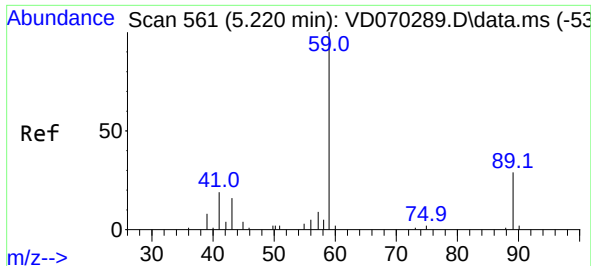
Tgt Ion:168 Resp: 400147
Ion Ratio Lower Upper
168 100
99 62.9 50.8 76.2



#4
Vinyl Chloride
Concen: 2.891 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

Tgt Ion: 62 Resp: 18202
Ion Ratio Lower Upper
62 100
64 28.5 24.6 36.8

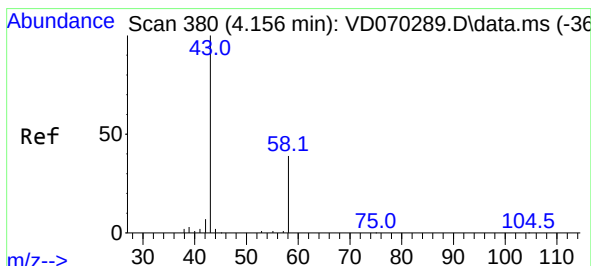
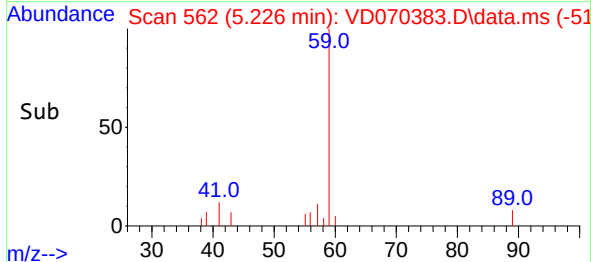
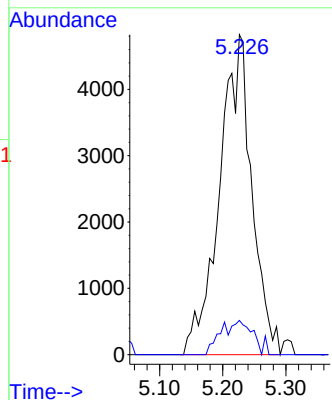
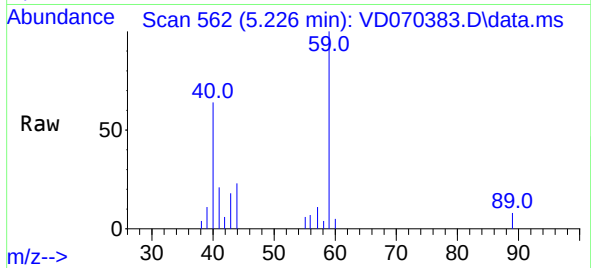




#11
Tert butyl alcohol
Concen: 29.499 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

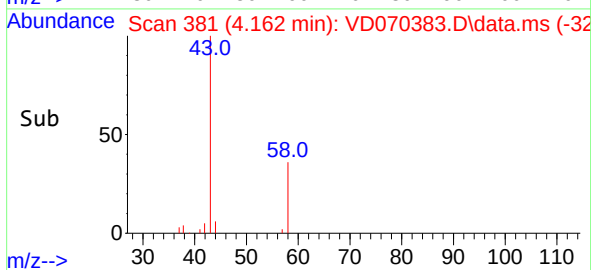
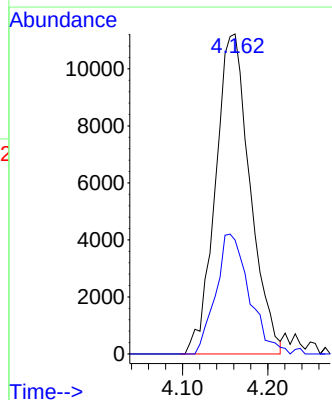
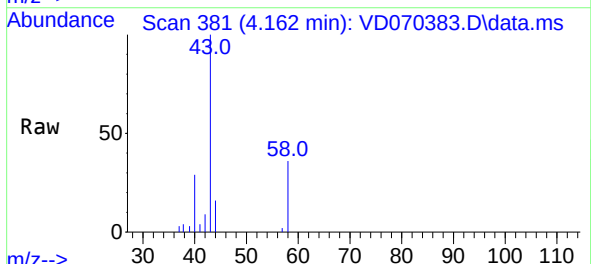
Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)

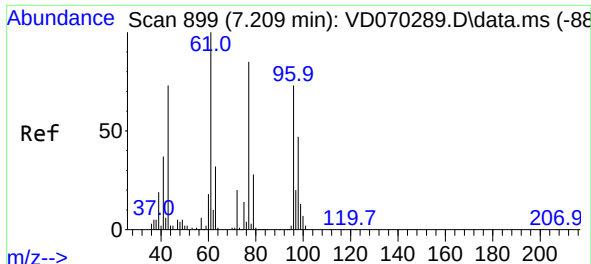
Tgt Ion: 59 Resp: 17137
Ion Ratio Lower Upper
59 100
57 6.5 0.0 0.0#



#16
Acetone
Concen: 34.572 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

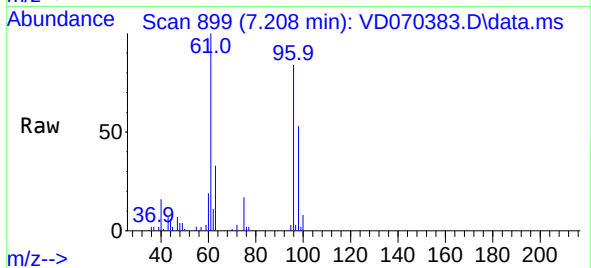
Tgt Ion: 43 Resp: 31713
Ion Ratio Lower Upper
43 100
58 35.6 30.9 46.3



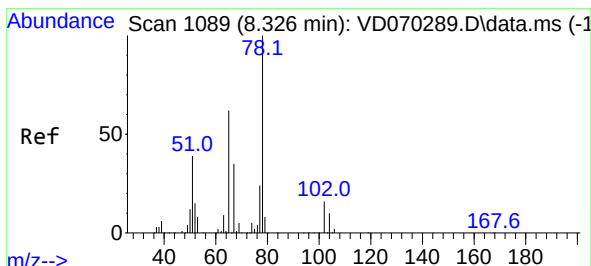
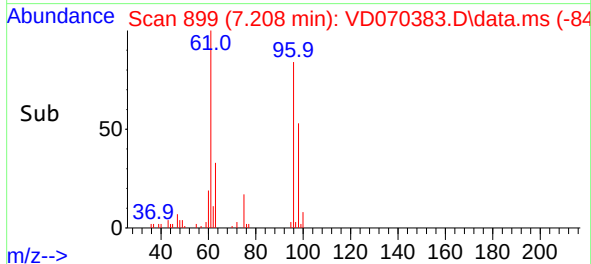
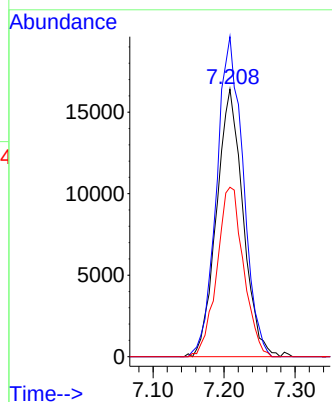


#27
cis-1,2-Dichloroethene
Concen: 7.134 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

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

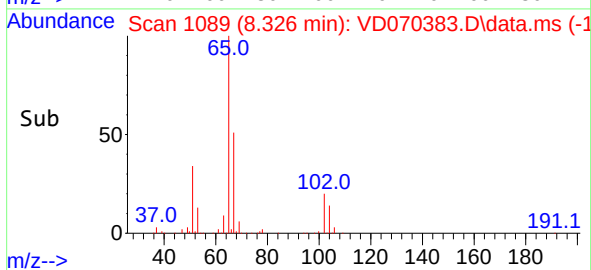
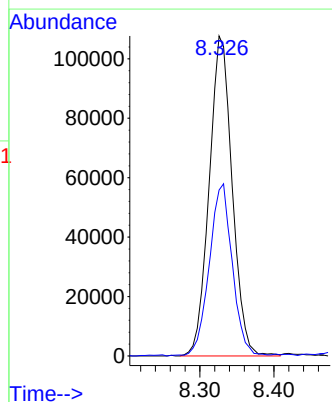
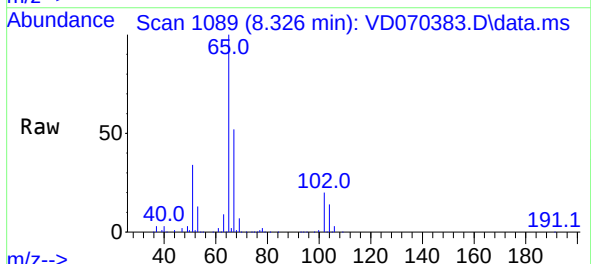


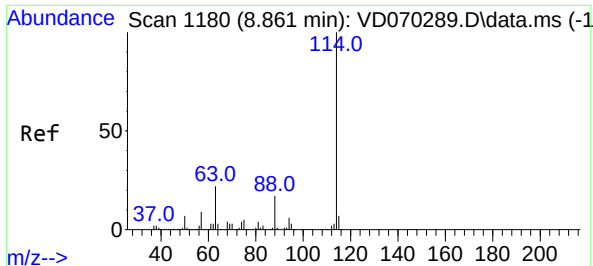
Tgt Ion:	96	Resp:	42499
Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	277.4
98	63.7	0.0	130.0



#33
1,2-Dichloroethane-d4
Concen: 45.204 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

Tgt Ion:	65	Resp:	232258
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	111.4



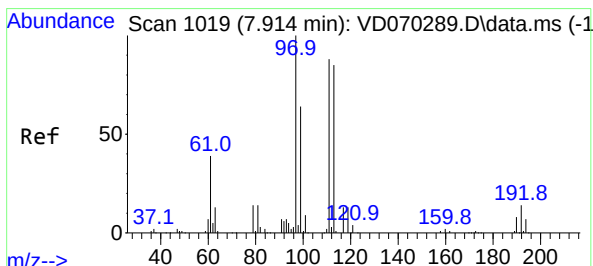
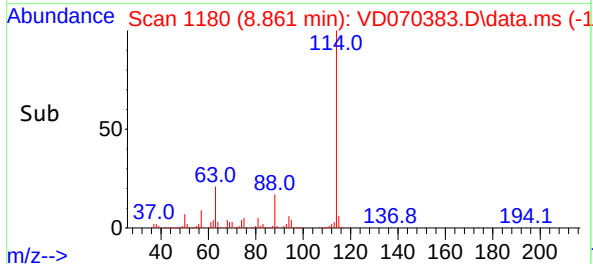
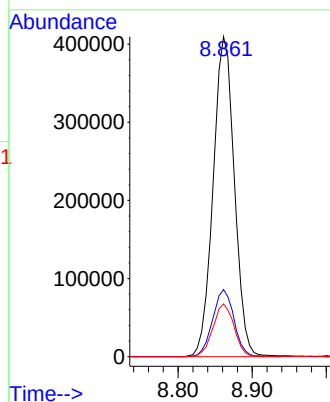
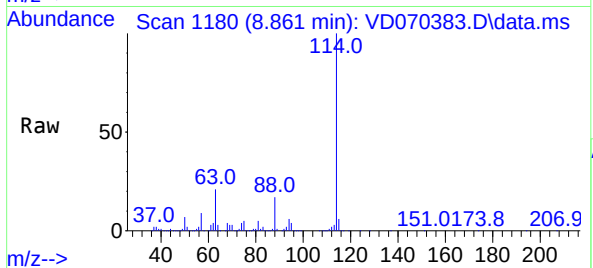


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

Instrument :
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NAPL-06-(30-32)

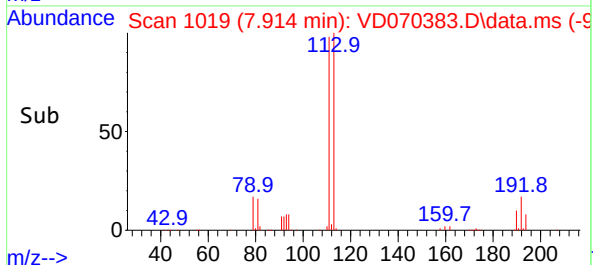
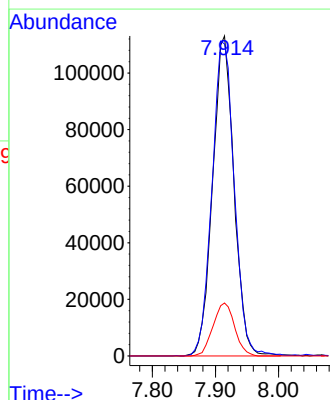
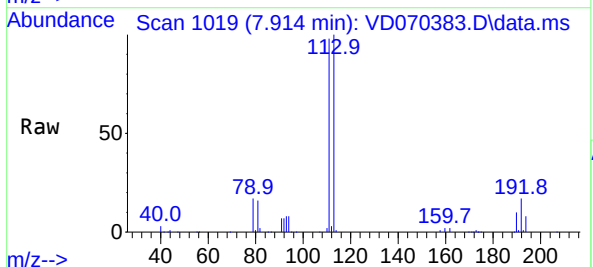
Tgt Ion:114 Resp: 816268
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 16.5 0.0 33.4

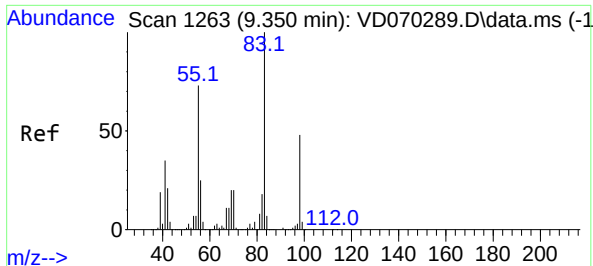


#35

Dibromofluoromethane
Concen: 45.589 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

Tgt Ion:113 Resp: 264883
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 16.8 13.0 19.6





#39

Methylcyclohexane

Concen: 3.312 ug/l

RT: 9.344 min Scan# 1262

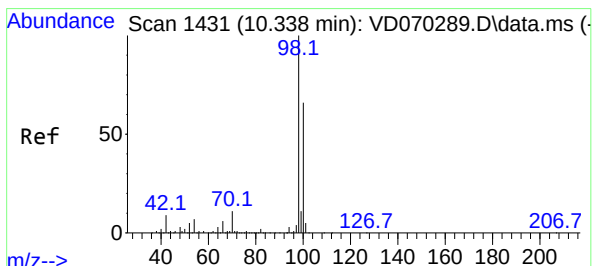
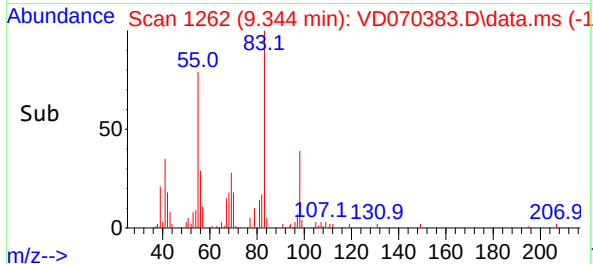
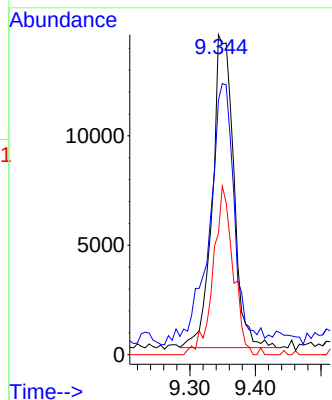
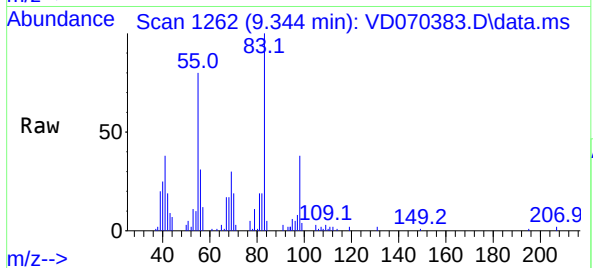
Delta R.T. -0.006 min

Lab File: VD070383.D

Acq: 20 Sep 2021 14:48

Tgt Ion:	83	Resp:	32282
Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.5	87.7
98	38.7	38.4	57.6

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NAPL-06-(30-32)



#50

Toluene-d8

Concen: 55.081 ug/l

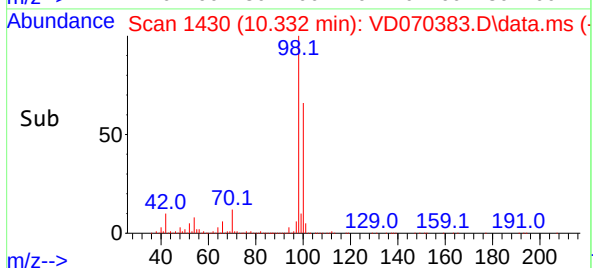
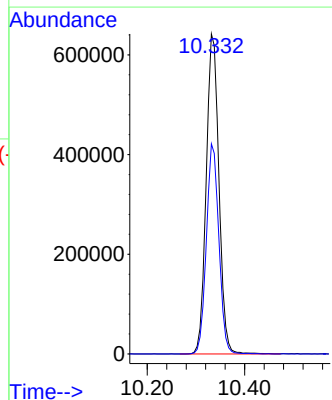
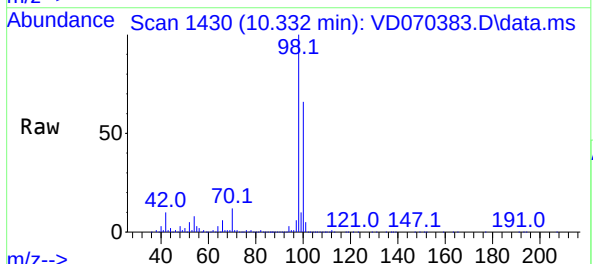
RT: 10.332 min Scan# 1430

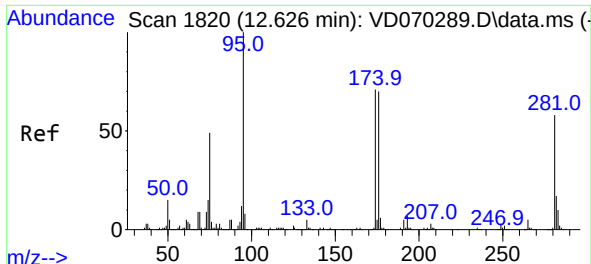
Delta R.T. -0.006 min

Lab File: VD070383.D

Acq: 20 Sep 2021 14:48

Tgt Ion:	98	Resp:	1161981
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0

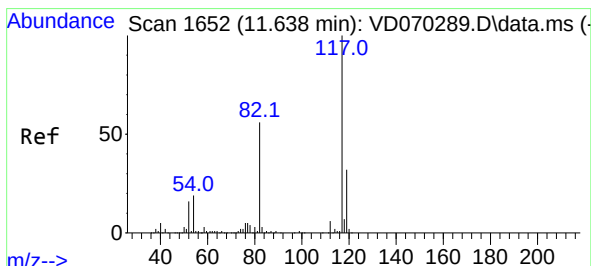
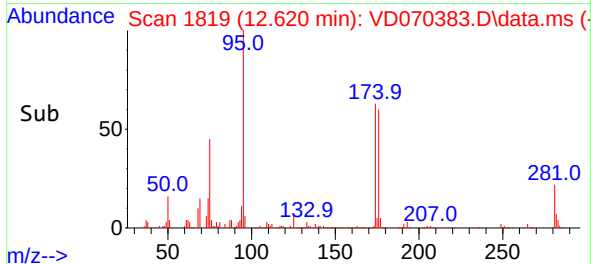
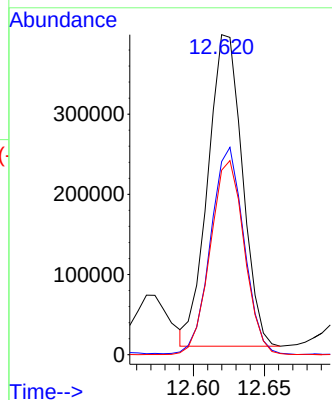
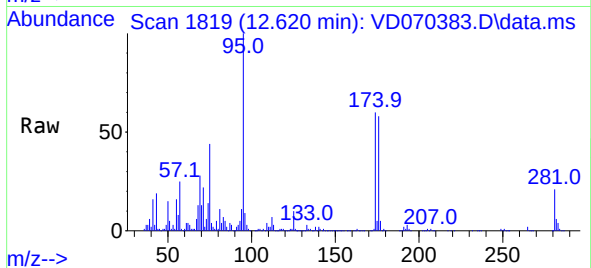




#62
4-Bromofluorobenzene
Concen: 89.032 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

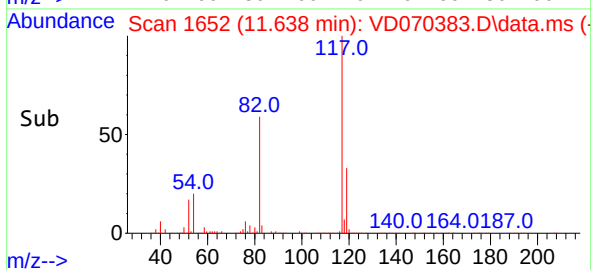
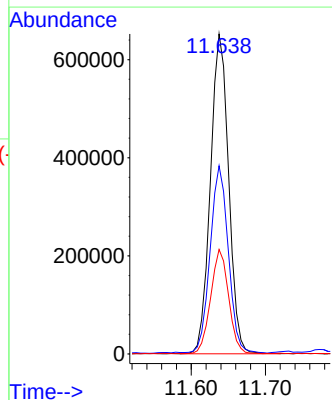
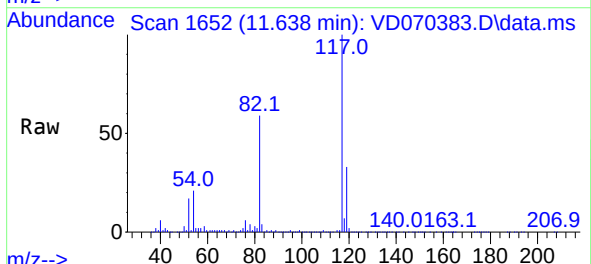
Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)

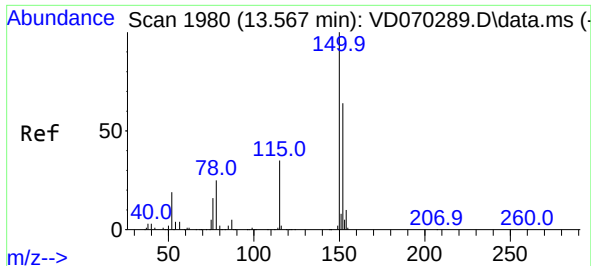
Tgt Ion: 95 Resp: 656408
Ion Ratio Lower Upper
95 100
174 64.6 0.0 140.6
176 61.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

Tgt Ion: 117 Resp: 1112542
Ion Ratio Lower Upper
117 100
82 58.4 45.0 67.4
119 32.5 25.2 37.8

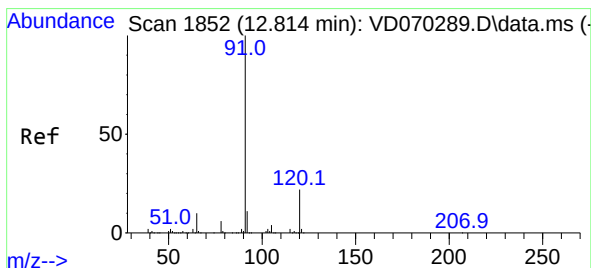
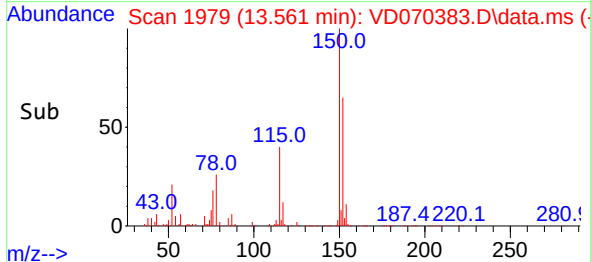
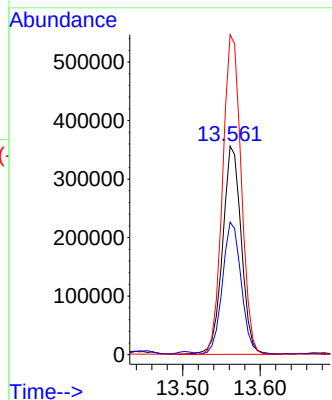
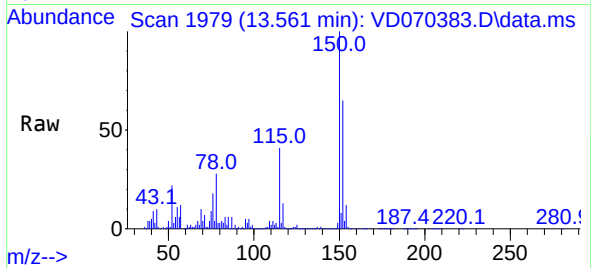




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

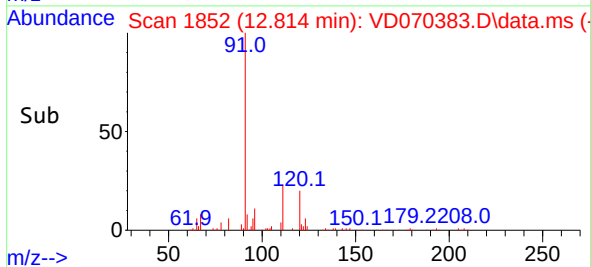
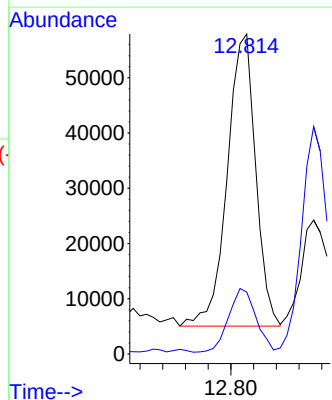
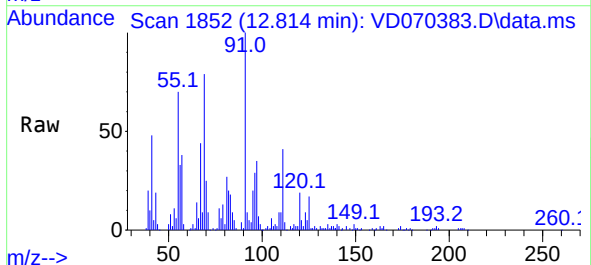
Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)

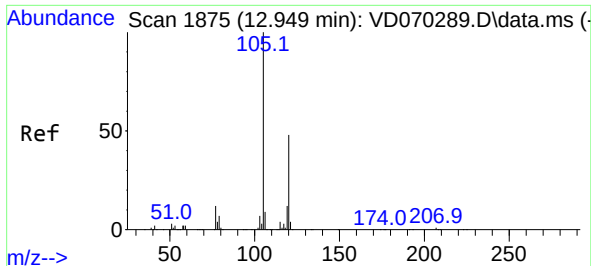
Tgt Ion:152 Resp: 596430
Ion Ratio Lower Upper
152 100
115 63.9 32.1 96.3
150 152.4 0.0 350.6



#78
n-propylbenzene
Concen: 1.692 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

Tgt Ion: 91 Resp: 91852
Ion Ratio Lower Upper
91 100
120 20.9 11.0 33.0

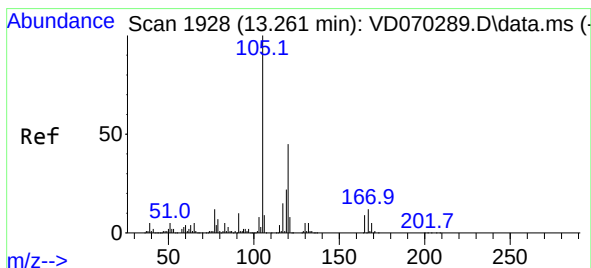
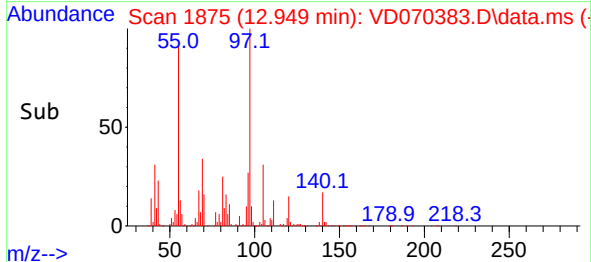
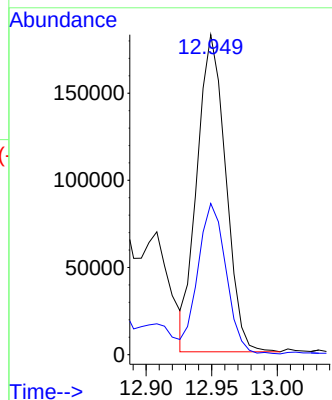
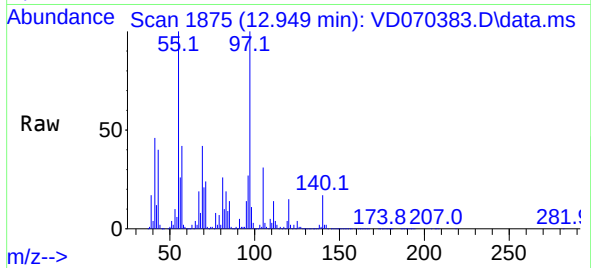




#80
1,3,5-Trimethylbenzene
Concen: 7.667 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

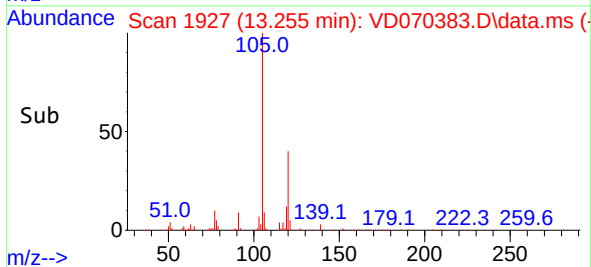
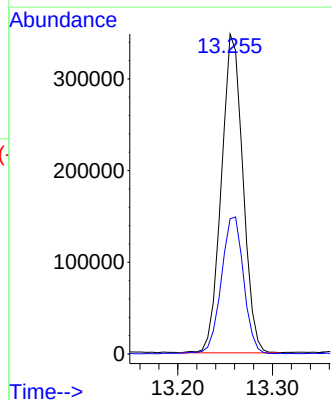
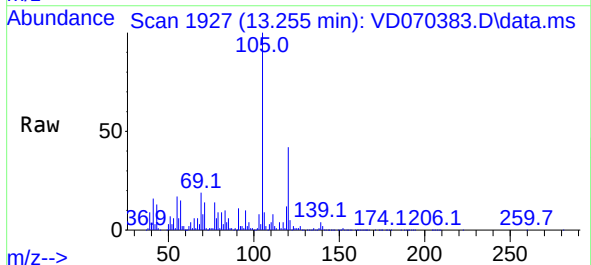
Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)

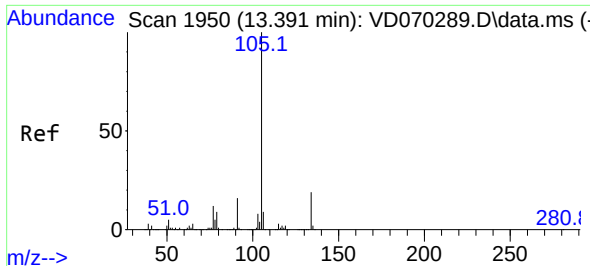
Tgt Ion:105 Resp: 276755
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 15.460 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

Tgt Ion:105 Resp: 549586
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8

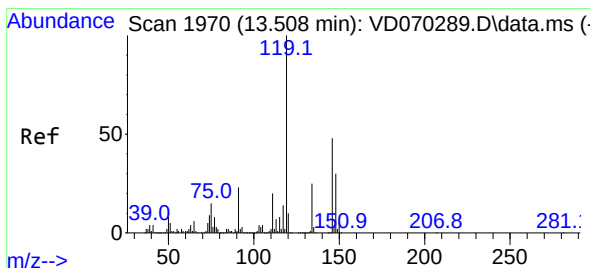
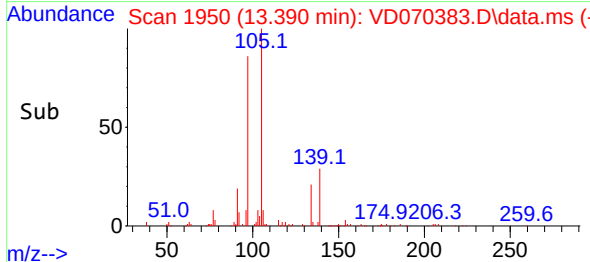
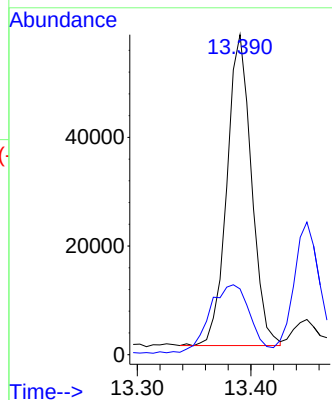
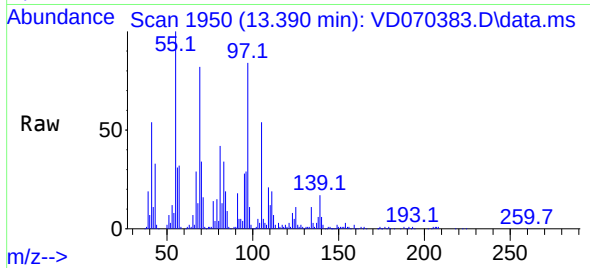




#85
sec-Butylbenzene
Concen: 1.867 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

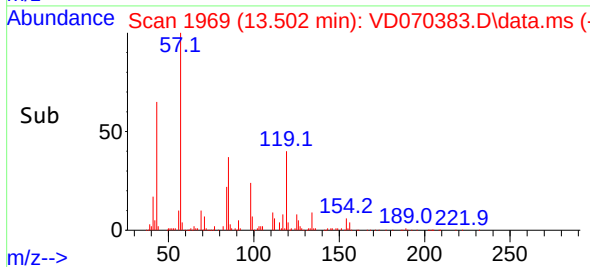
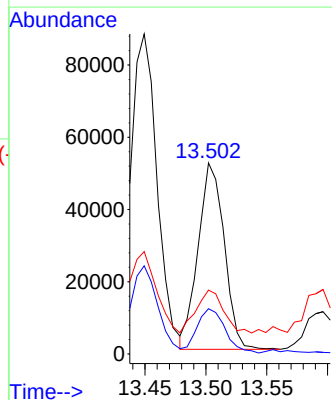
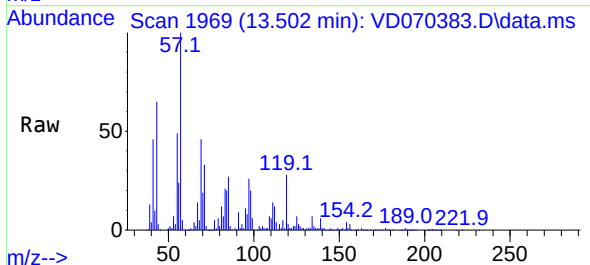
Instrument :
MSVOA_D
ClientSampleId :
NAPL-06-(30-32)

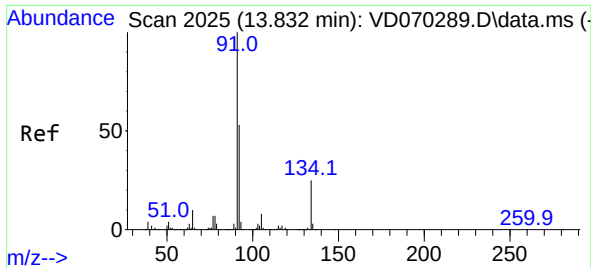
Tgt Ion:105 Resp: 85928
Ion Ratio Lower Upper
105 100
134 36.3 9.8 29.3#



#86
p-Isopropyltoluene
Concen: 2.088 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070383.D
Acq: 20 Sep 2021 14:48

Tgt Ion:119 Resp: 77196
Ion Ratio Lower Upper
119 100
134 25.4 12.7 38.0
91 23.7 11.8 35.3





#89
 n-Butylbenzene
 Concen: 1.373 ug/l
 RT: 13.826 min Scan# 2024
 Delta R.T. -0.006 min
 Lab File: VD070383.D
 Acq: 20 Sep 2021 14:48

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

Tgt Ion:	91	Resp:	50617
Ion	Ratio	Lower	Upper
91	100		
92	64.1	26.8	80.4
134	0.0	12.1	36.3#

