

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070384.D
 Acq On : 20 Sep 2021 15:17
 Operator : VA/SY
 Sample : M3798-03
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NAPL-07-(15-18)

Quant Time: Sep 21 03:34:26 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)

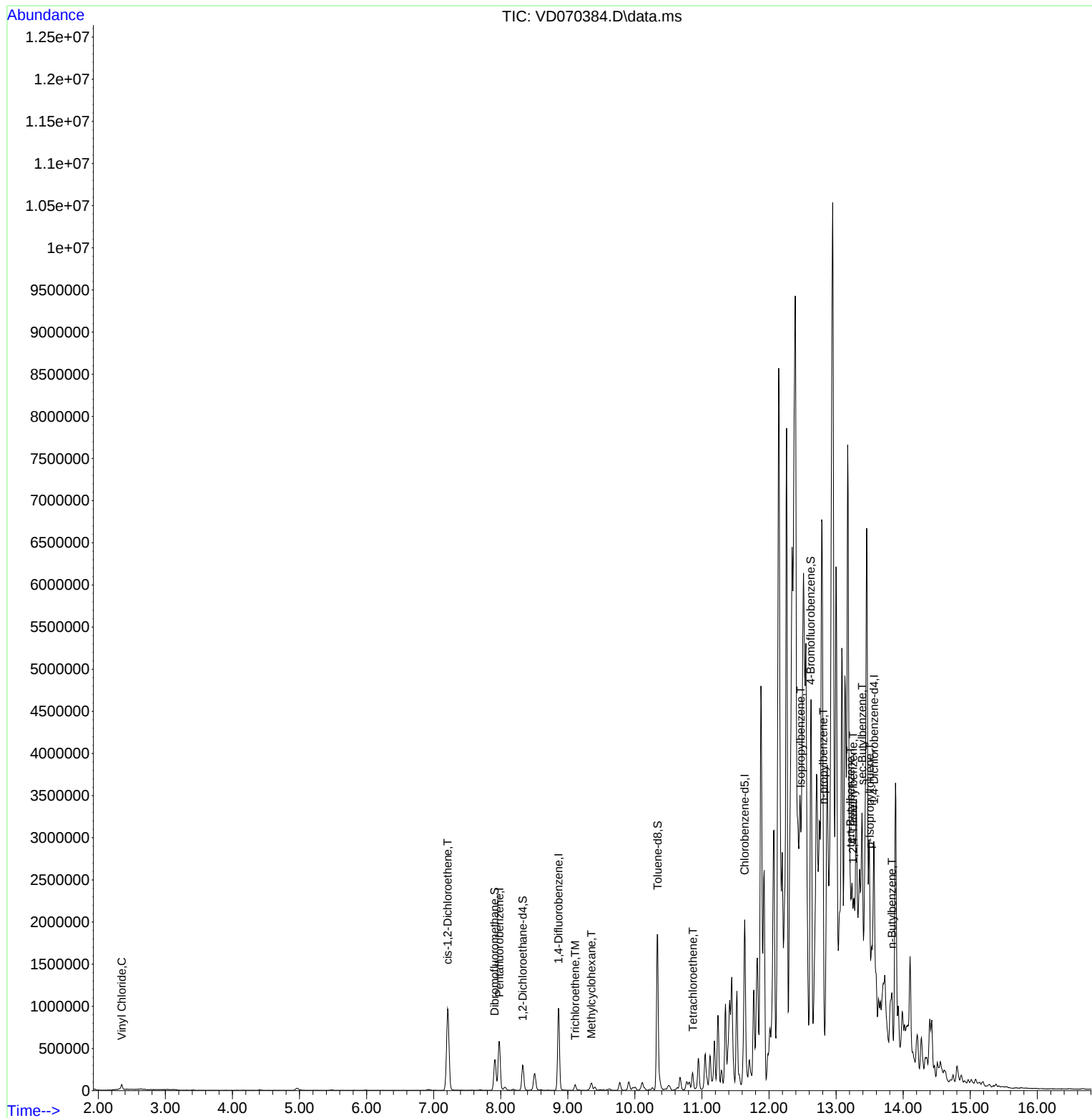
Internal Standards						
1) Pentafluorobenzene	7.979	168	414459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	828234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1113134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	621909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232117	43.617	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.240%		
35) Dibromofluoromethane	7.909	113	274980	46.643	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.280%		
50) Toluene-d8	10.338	98	1172782	54.790	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	109.580%		
62) 4-Bromofluorobenzene	12.620	95	816812	109.188	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	218.380%#		
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	50625	7.763	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	617038	100.004	ug/l	90
39) Methylcyclohexane	9.350	83	27939	2.825	ug/l	94
44) Trichloroethene	9.108	130	22508	3.630	ug/l	90
64) Tetrachloroethene	10.867	164	10615	1.566	ug/l #	86
73) Isopropylbenzene	12.473	105	182408	4.182	ug/l	99
78) n-propylbenzene	12.808	91	605518	10.697	ug/l	98
83) tert-Butylbenzene	13.214	119	136447	4.520	ug/l	89
84) 1,2,4-Trimethylbenzene	13.255	105	325905	8.792	ug/l	99
85) sec-Butylbenzene	13.391	105	623028	12.983	ug/l #	64
86) p-Isopropyltoluene	13.502	119	96384	2.500	ug/l	95
89) n-Butylbenzene	13.832	91	351067	9.133	ug/l #	82

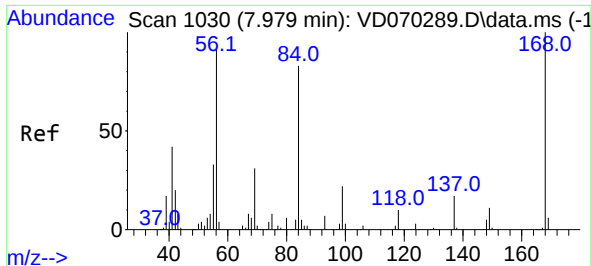
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
Data File : VD070384.D
Acq On : 20 Sep 2021 15:17
Operator : VA/SY
Sample : M3798-03
Misc : 6.54G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

Quant Time: Sep 21 03:34:26 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

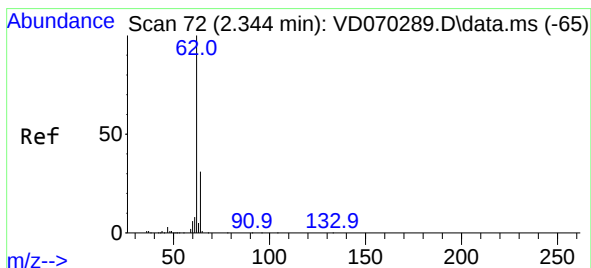
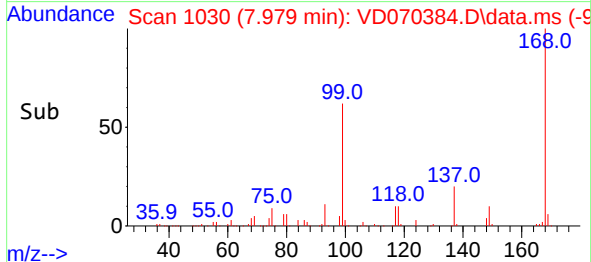
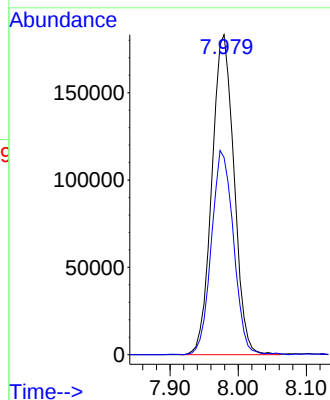
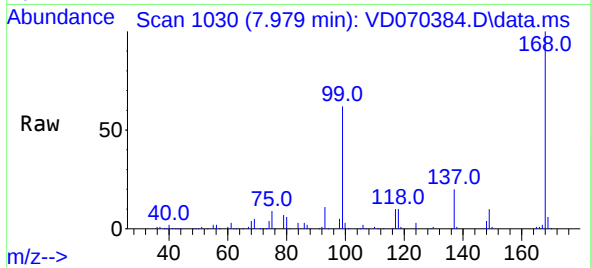




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

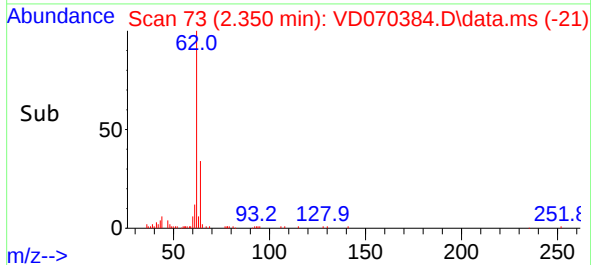
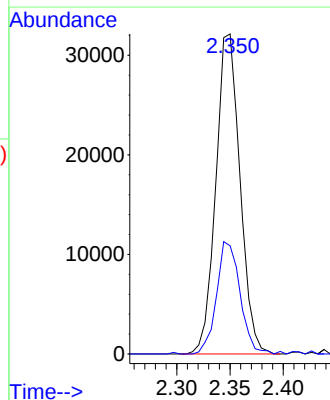
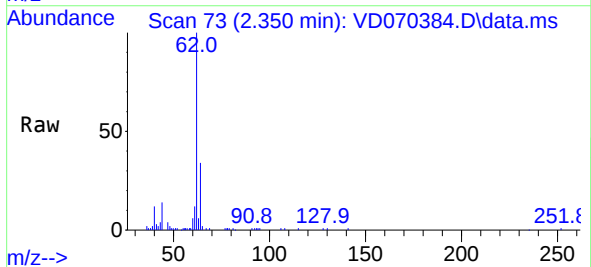
Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

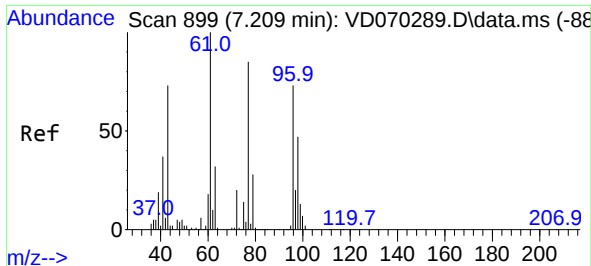
Tgt Ion:168 Resp: 414459
Ion Ratio Lower Upper
168 100
99 61.5 50.8 76.2



#4
Vinyl Chloride
Concen: 7.763 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

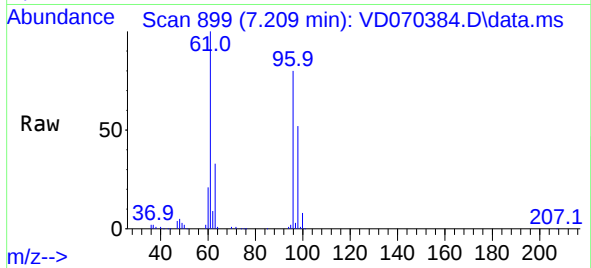
Tgt Ion: 62 Resp: 50625
Ion Ratio Lower Upper
62 100
64 33.8 24.6 36.8



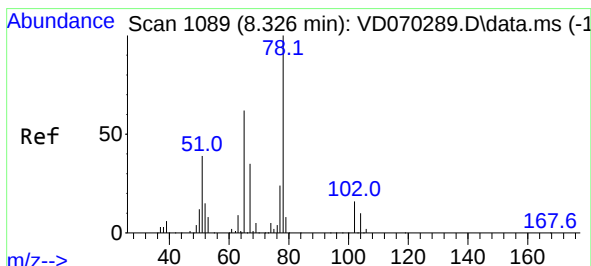
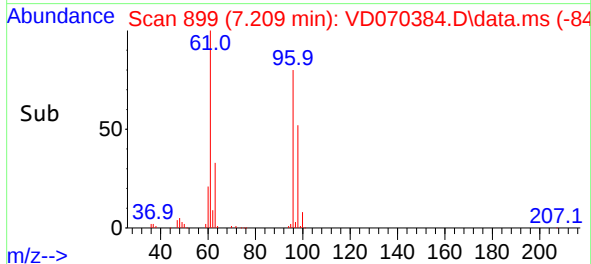
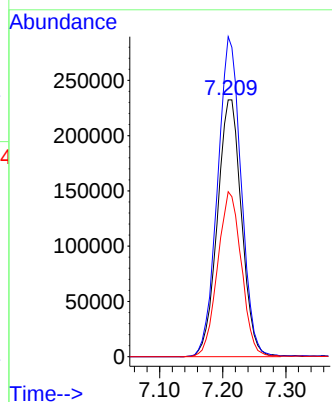


#27
cis-1,2-Dichloroethene
Concen: 100.004 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

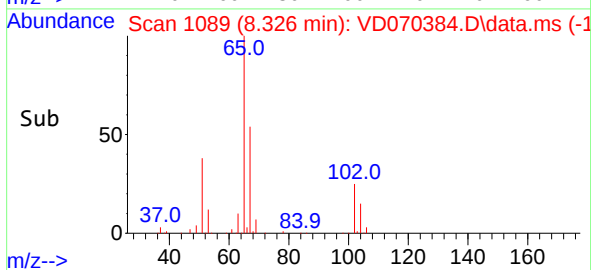
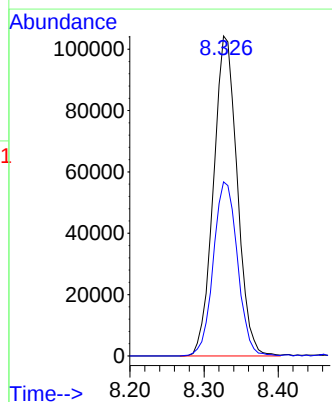
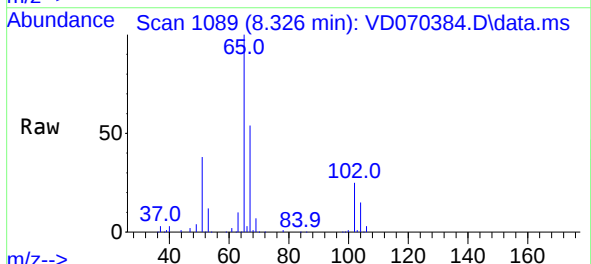


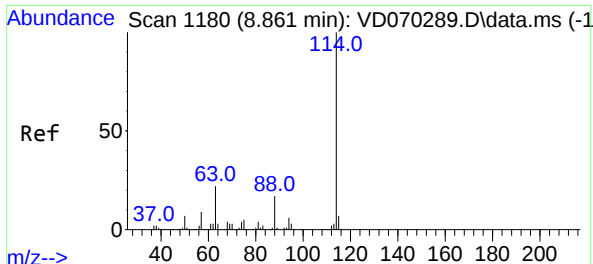
Tgt Ion: 96 Resp: 617038
Ion Ratio Lower Upper
96 100
61 121.5 0.0 277.4
98 63.4 0.0 130.0



#33
1,2-Dichloroethane-d4
Concen: 43.617 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Tgt Ion: 65 Resp: 232117
Ion Ratio Lower Upper
65 100
67 55.3 0.0 111.4



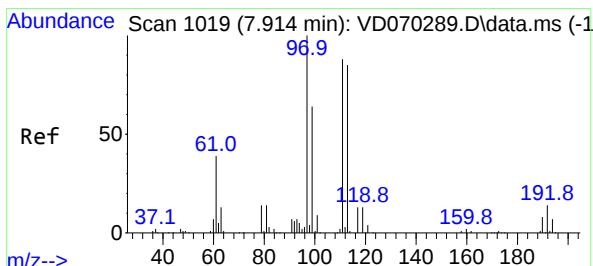
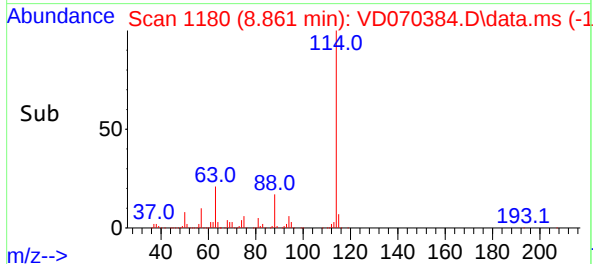
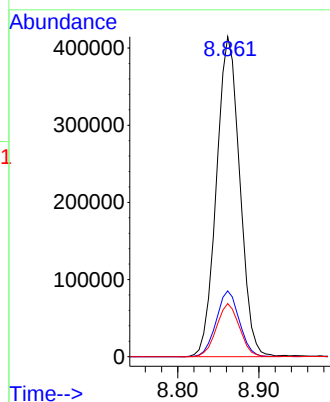
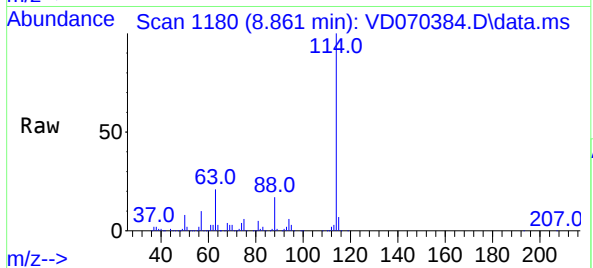


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

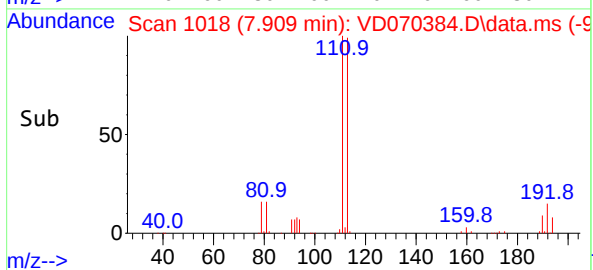
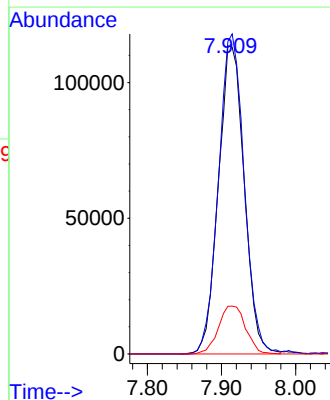
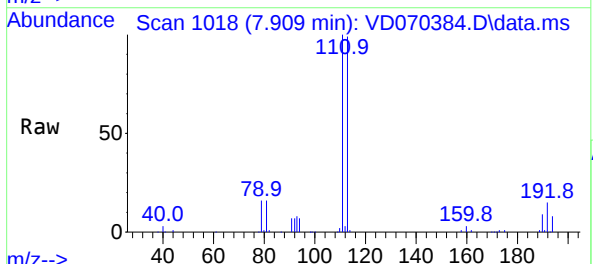
Tgt Ion:	114	Resp:	828234
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.4
88	16.6	0.0	33.4

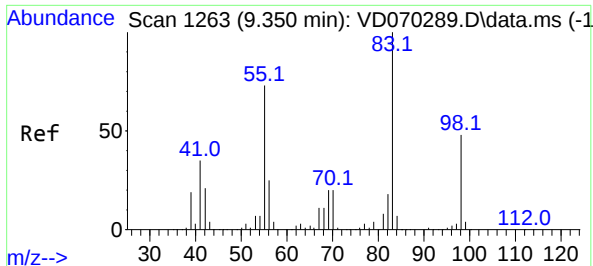


#35

Dibromofluoromethane
Concen: 46.643 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Tgt Ion:	113	Resp:	274980
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.2
192	16.4	13.0	19.6





#39

Methylcyclohexane

Concen: 2.825 ug/l

RT: 9.350 min Scan# 1263

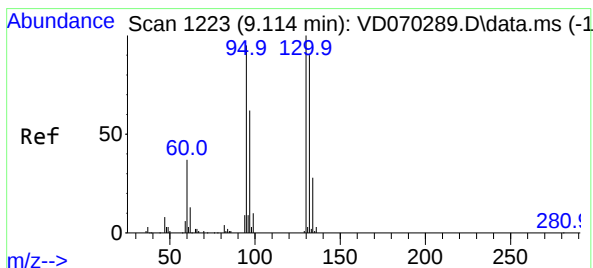
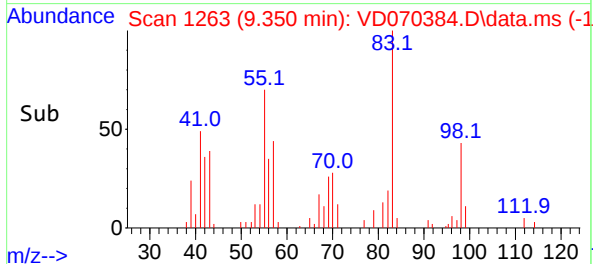
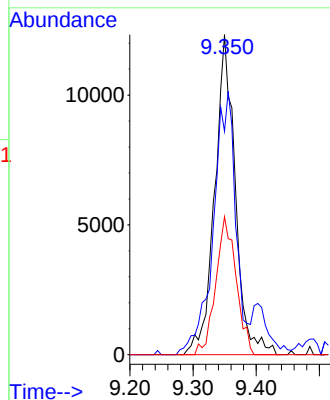
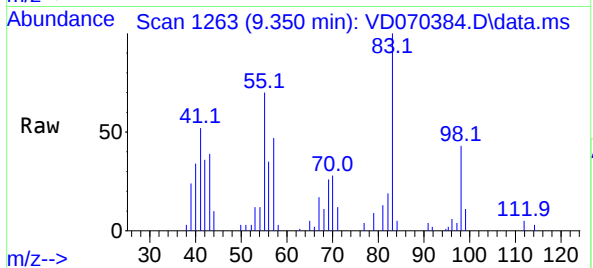
Delta R.T. 0.000 min

Lab File: VD070384.D

Acq: 20 Sep 2021 15:17

Tgt Ion: 83 Resp: 27939

Ion	Ratio	Lower	Upper
83	100		
55	68.3	58.5	87.7
98	43.1	38.4	57.6



#44

Trichloroethene

Concen: 3.630 ug/l

RT: 9.108 min Scan# 1222

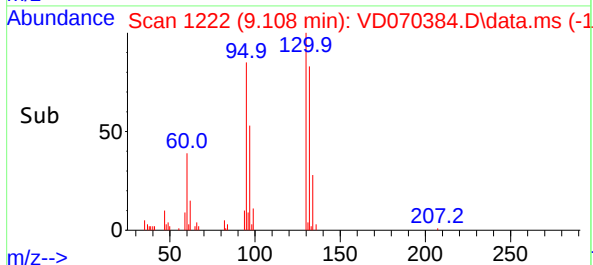
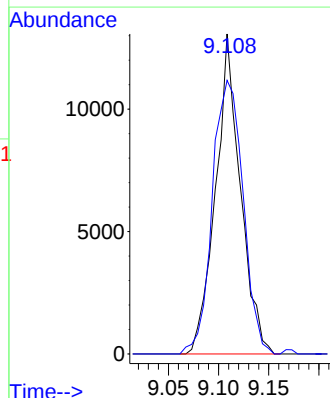
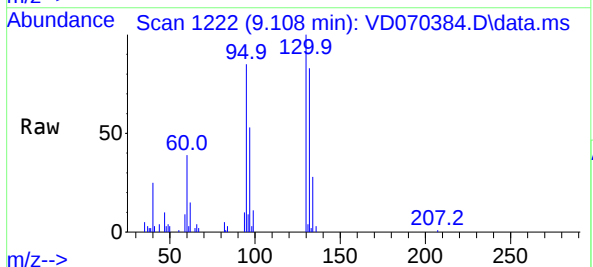
Delta R.T. -0.006 min

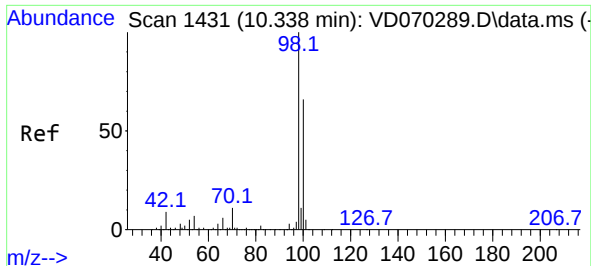
Lab File: VD070384.D

Acq: 20 Sep 2021 15:17

Tgt Ion:130 Resp: 22508

Ion	Ratio	Lower	Upper
130	100		
95	85.5	0.0	190.0

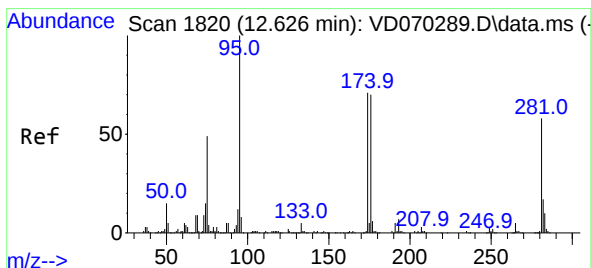
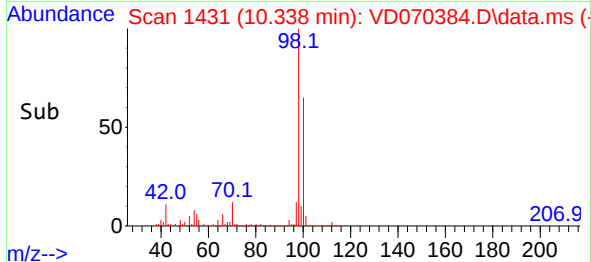
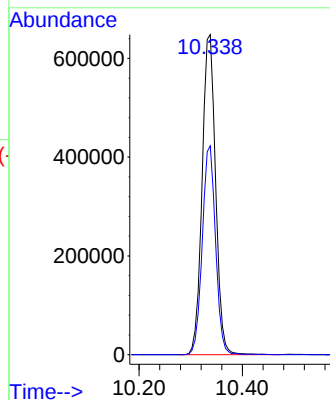
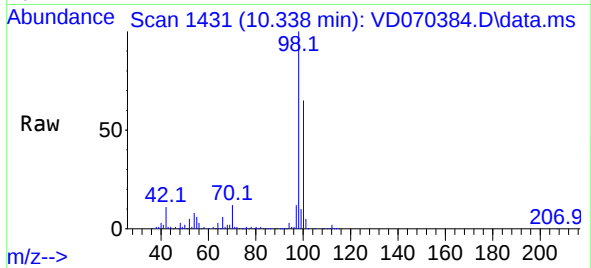




#50
Toluene-d8
Concen: 54.790 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

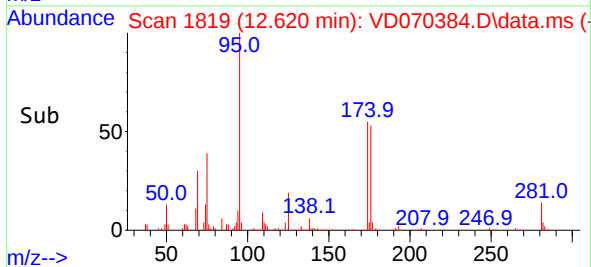
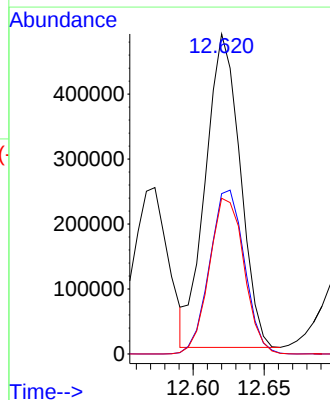
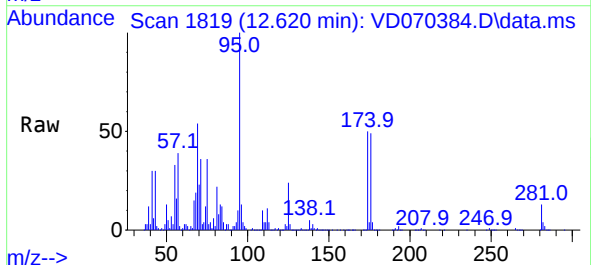
Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

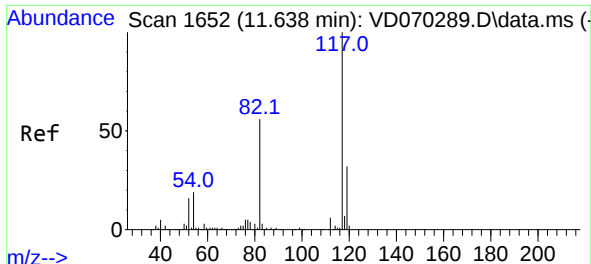
Tgt Ion: 98 Resp: 1172782
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 109.188 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Tgt Ion: 95 Resp: 816812
Ion Ratio Lower Upper
95 100
174 52.6 0.0 140.6
176 50.1 0.0 137.4



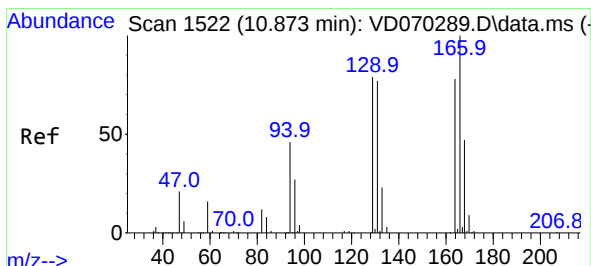
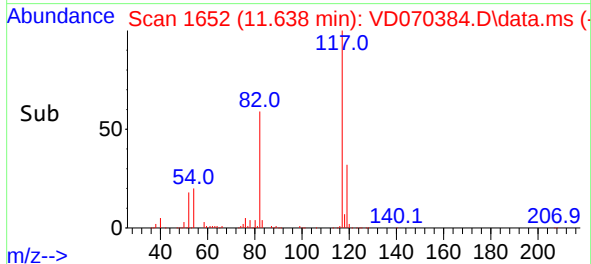
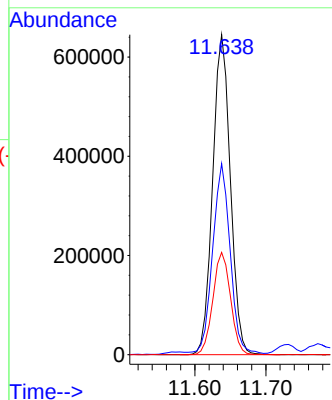
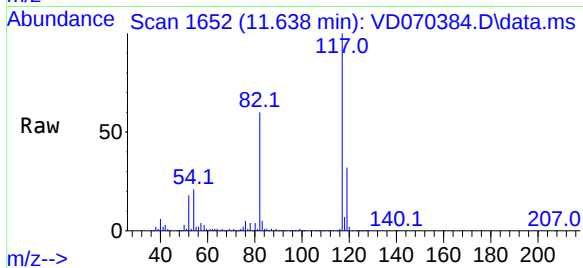


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

Tgt Ion:117 Resp: 1113134

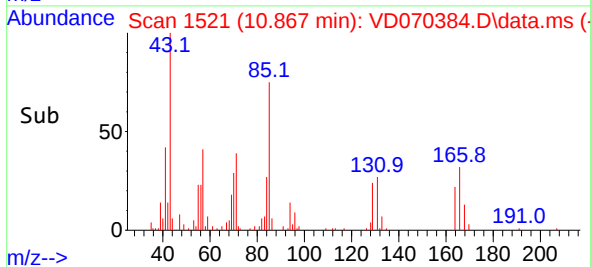
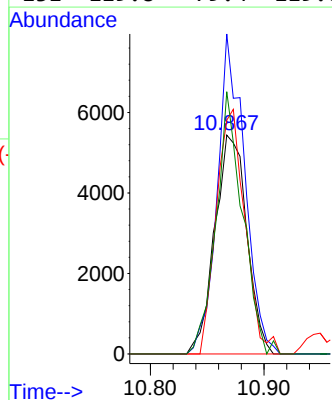
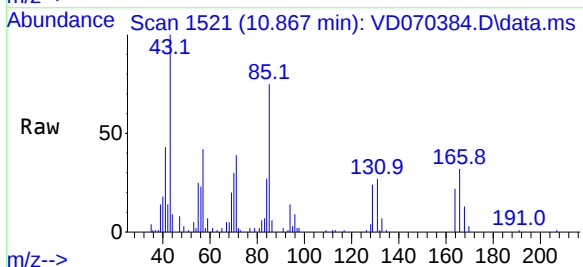
Ion	Ratio	Lower	Upper
117	100		
82	58.8	45.0	67.4
119	32.0	25.2	37.8

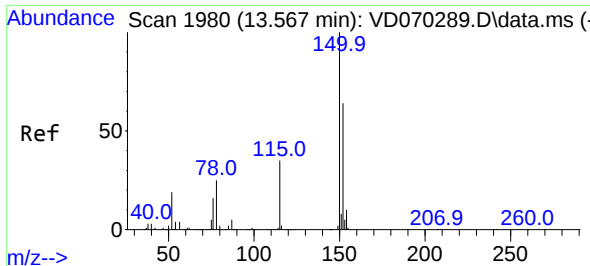


#64
Tetrachloroethene
Concen: 1.566 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Tgt Ion:164 Resp: 10615

Ion	Ratio	Lower	Upper
164	100		
166	146.2	102.4	153.6
129	106.8	80.9	121.3
131	119.8	79.4	119.0#

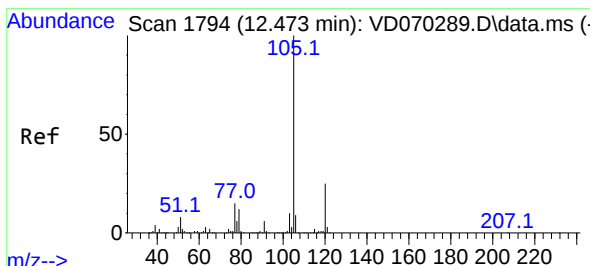
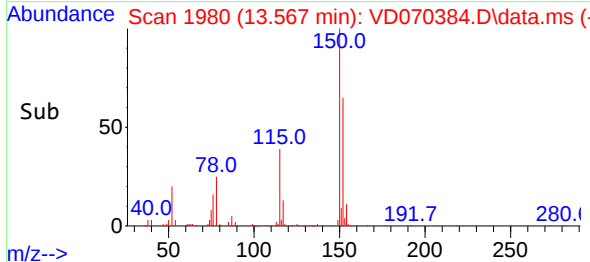
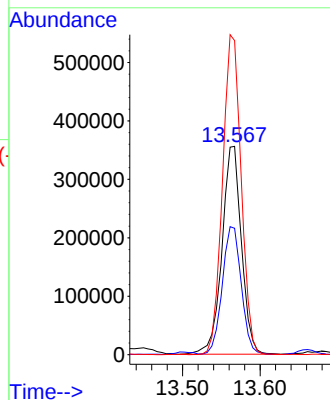
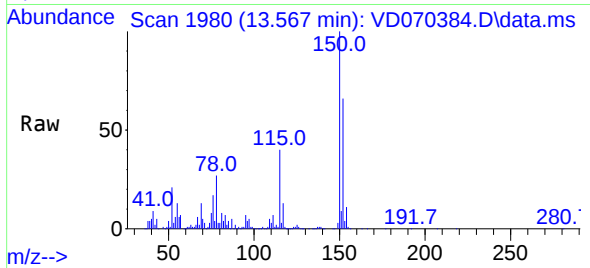




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

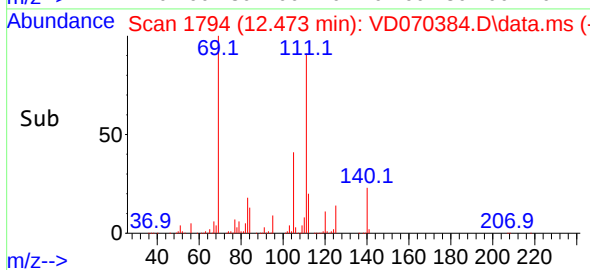
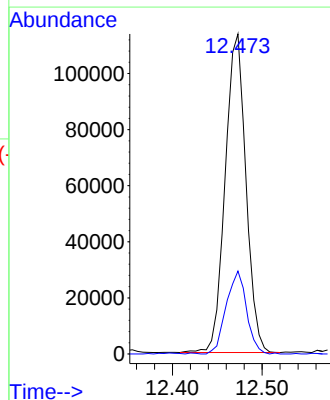
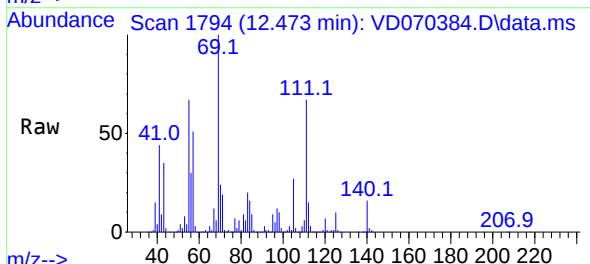
Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

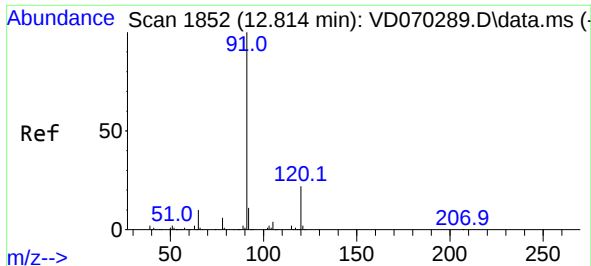
Tgt Ion:152 Resp: 621909
Ion Ratio Lower Upper
152 100
115 60.1 32.1 96.3
150 147.8 0.0 350.6



#73
Isopropylbenzene
Concen: 4.182 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Tgt Ion:105 Resp: 182408
Ion Ratio Lower Upper
105 100
120 25.5 13.0 38.9

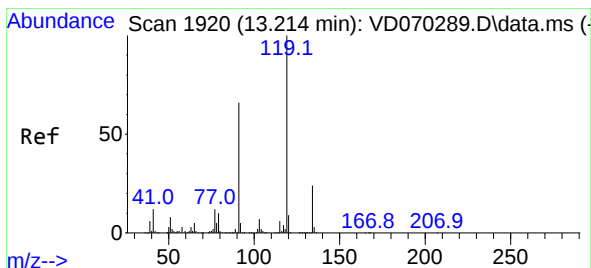
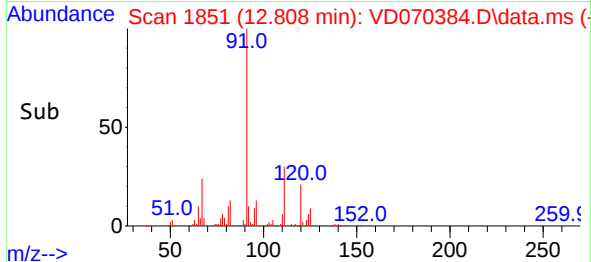
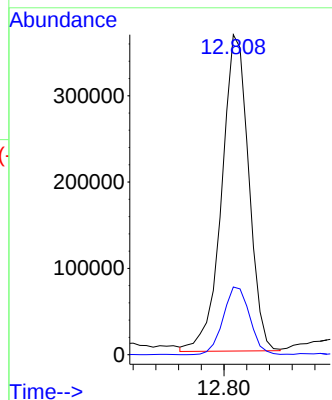
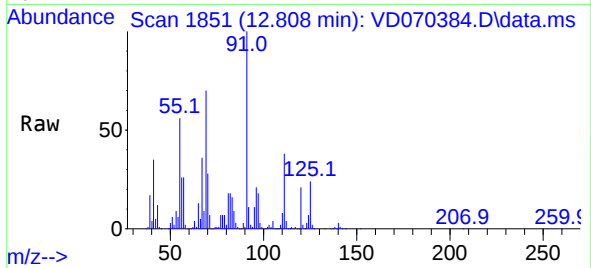




#78
n-propylbenzene
Concen: 10.697 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

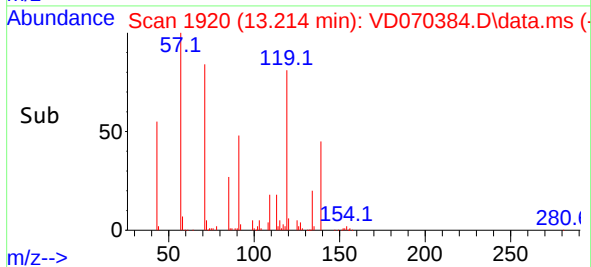
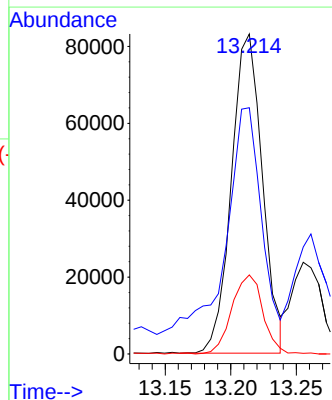
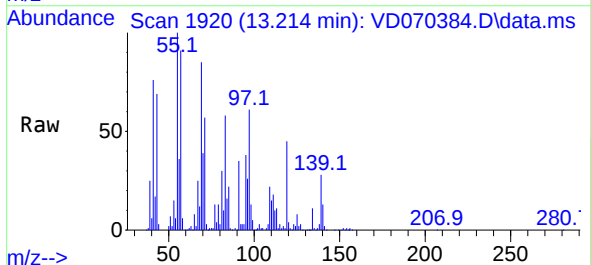
Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

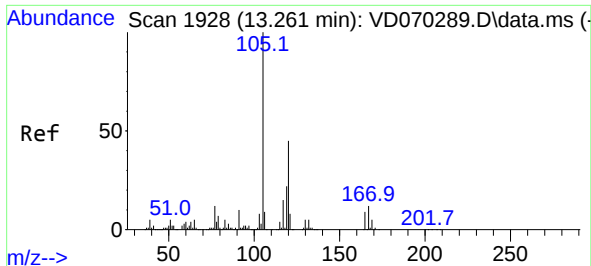
Tgt Ion: 91 Resp: 605518
Ion Ratio Lower Upper
91 100
120 21.1 11.0 33.0



#83
tert-Butylbenzene
Concen: 4.520 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Tgt Ion: 119 Resp: 136447
Ion Ratio Lower Upper
119 100
91 78.2 33.7 101.0
134 24.9 13.2 39.5

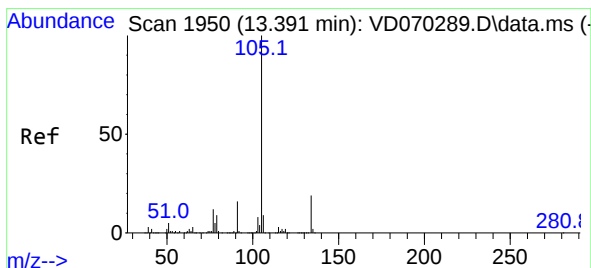
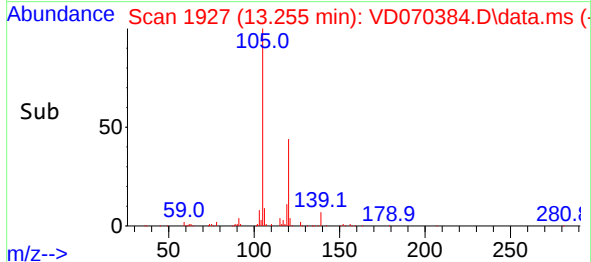
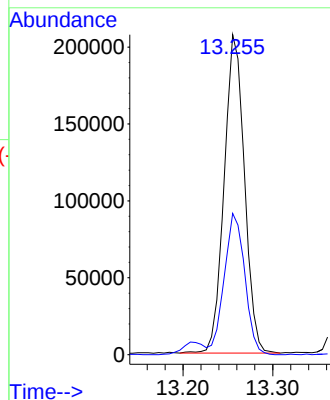
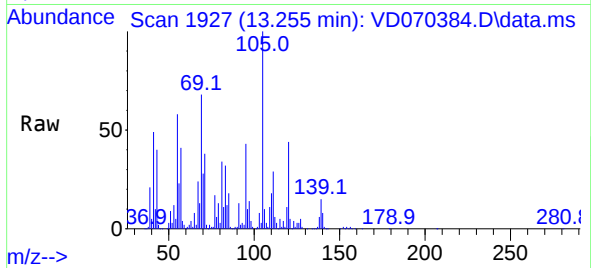




#84
1,2,4-Trimethylbenzene
Concen: 8.792 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

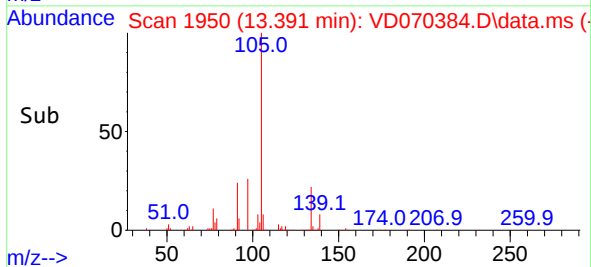
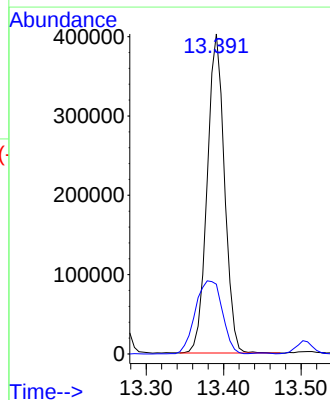
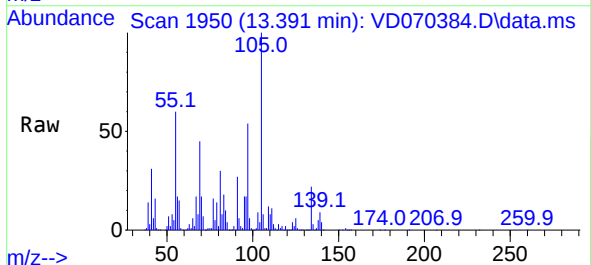
Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

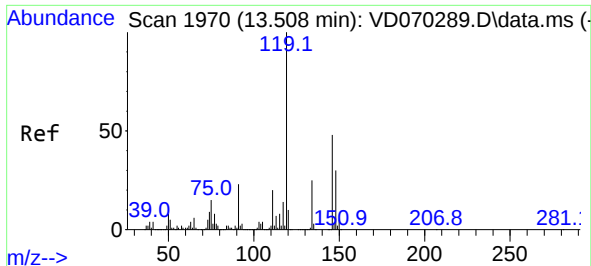
Tgt Ion:105 Resp: 325905
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8



#85
sec-Butylbenzene
Concen: 12.983 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Tgt Ion:105 Resp: 623028
Ion Ratio Lower Upper
105 100
134 35.9 9.8 29.3#

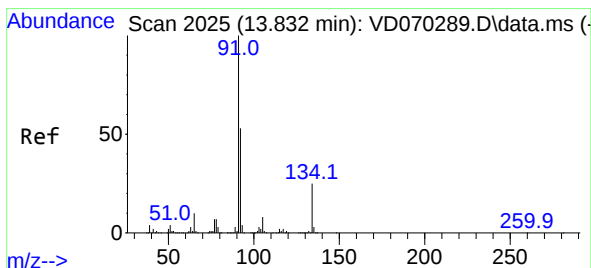
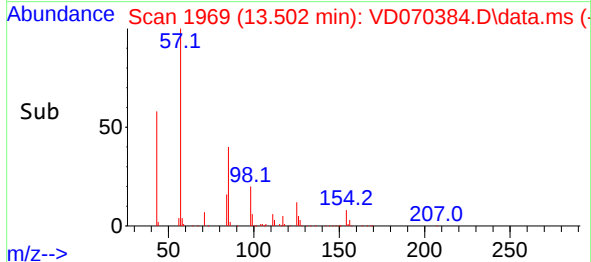
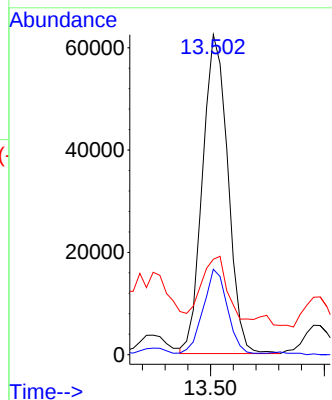
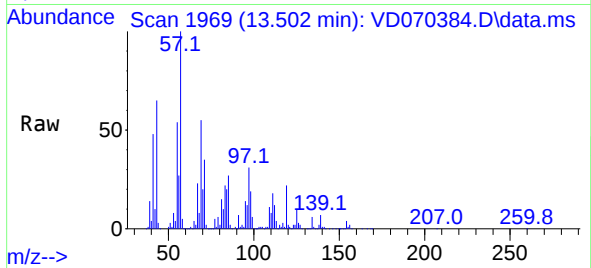




#86
p-Isopropyltoluene
Concen: 2.500 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :
NAPL-07-(15-18)

Tgt Ion:119 Resp: 96384
Ion Ratio Lower Upper
119 100
134 24.8 12.7 38.0
91 18.9 11.8 35.3



#89
n-Butylbenzene
Concen: 9.133 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070384.D
Acq: 20 Sep 2021 15:17

Tgt Ion: 91 Resp: 351067
Ion Ratio Lower Upper
91 100
92 50.8 26.8 80.4
134 0.0 12.1 36.3#

