

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006098.D
 Acq On : 20 Sep 2021 15:55
 Operator : SY/MD
 Sample : M3770-01
 Misc : 6.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-05-(29-31)

Quant Time: Sep 21 02:11:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

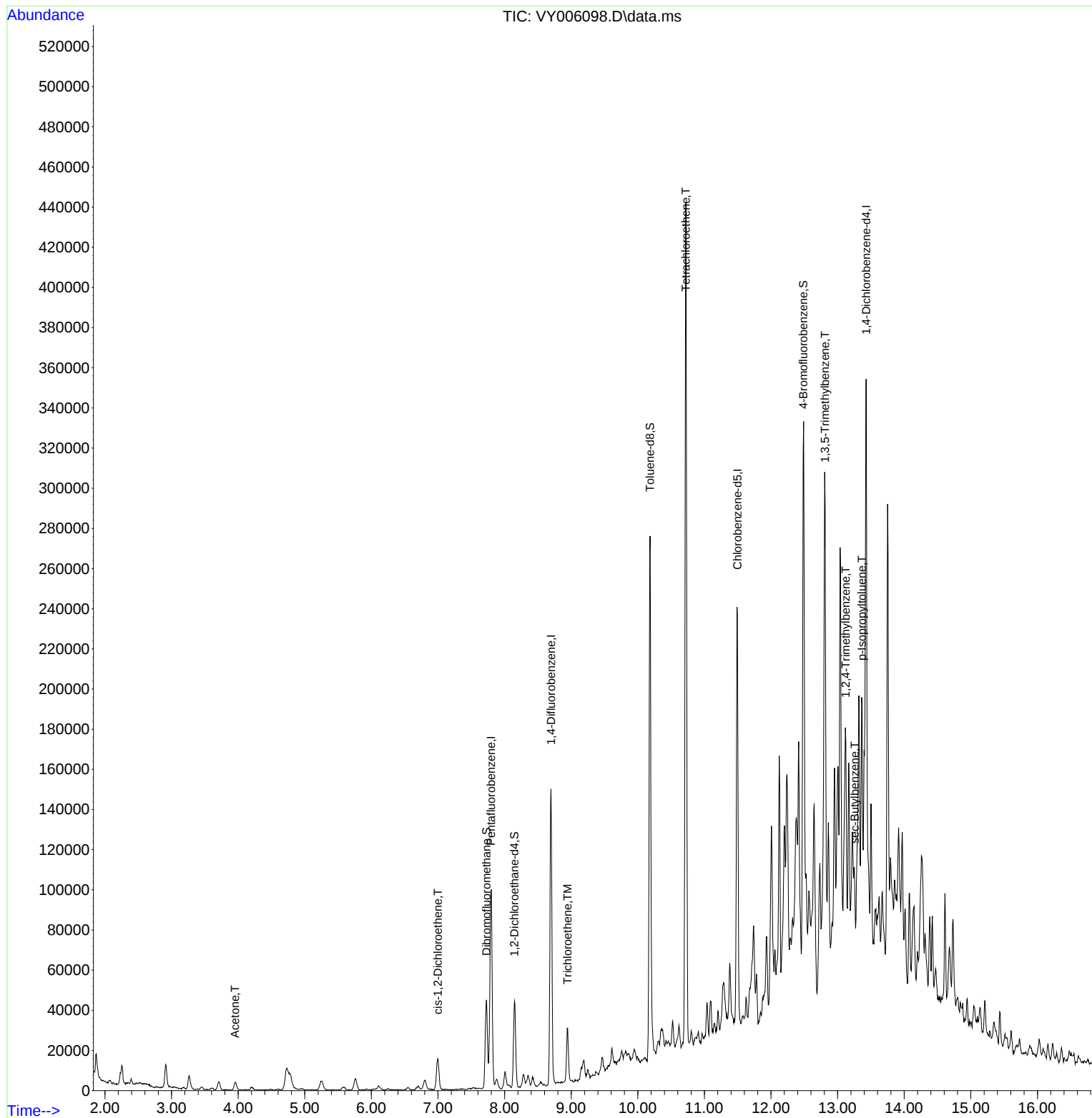
Internal Standards						
1) Pentafluorobenzene	7.795	168	72703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	114521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	105987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	33866	33.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.060%
35) Dibromofluoromethane	7.728	113	29448	41.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.800%
50) Toluene-d8	10.185	98	151914	50.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.483	95	51170	49.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.420%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	6866	24.788	ug/l	93
27) cis-1,2-Dichloroethene	6.996	96	8435	9.288	ug/l	85
44) Trichloroethene	8.947	130	8582	9.716	ug/l	100
64) Tetrachloroethene	10.721	164	88522	102.116	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	17918	5.438	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	47082	14.404	ug/l	96
85) sec-Butylbenzene	13.258	105	5963	1.414	ug/l #	59
86) p-Isopropyltoluene	13.367	119	6498	1.804	ug/l	99

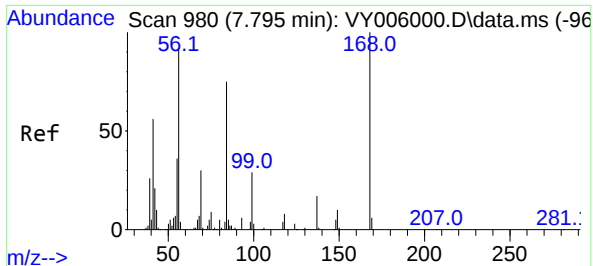
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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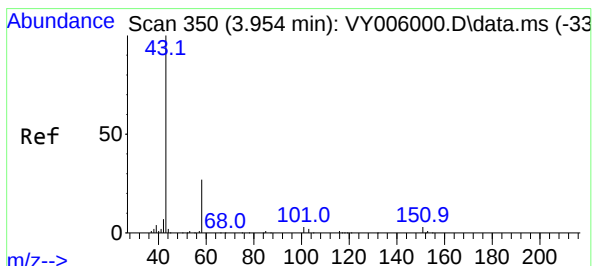
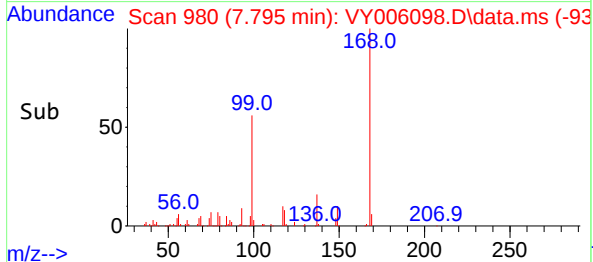
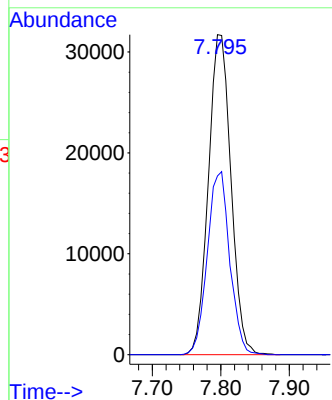
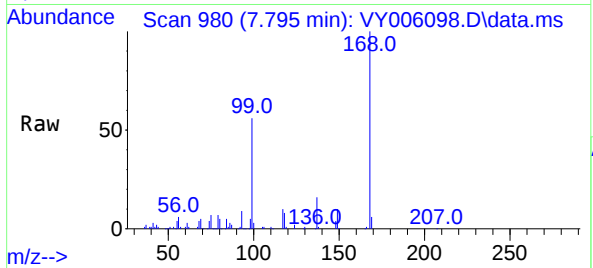




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

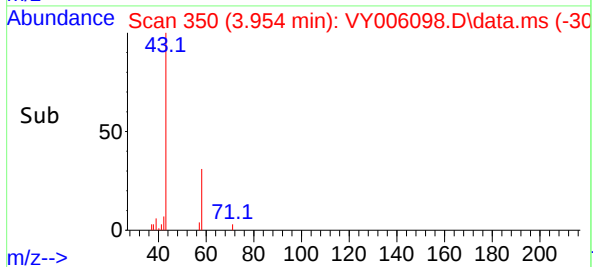
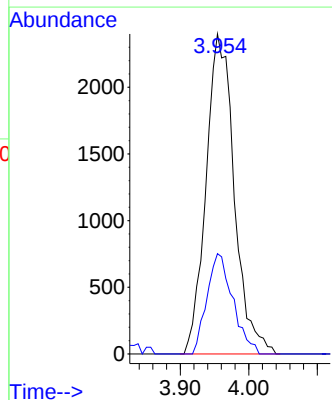
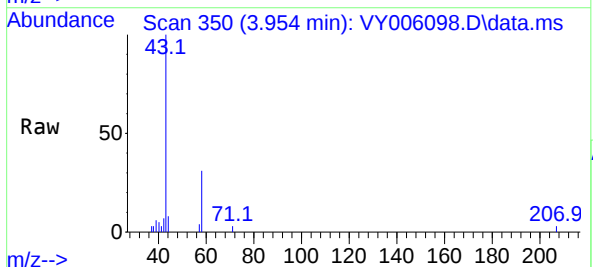
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-05-(29-31)

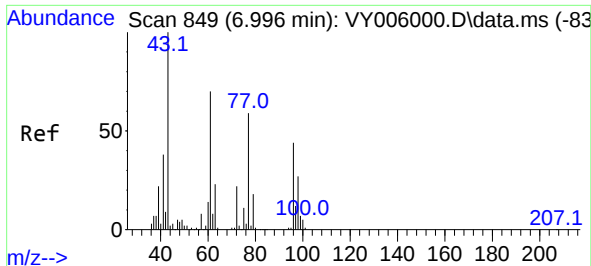
Tgt Ion:168 Resp: 72703
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#16
Acetone
Concen: 24.788 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

Tgt Ion: 43 Resp: 6866
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0

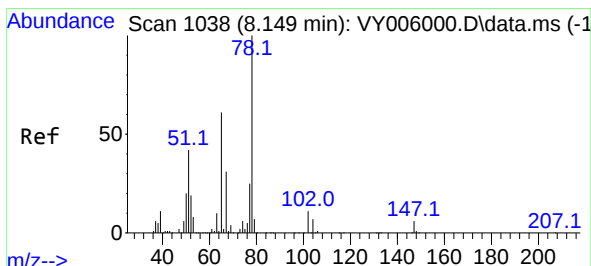
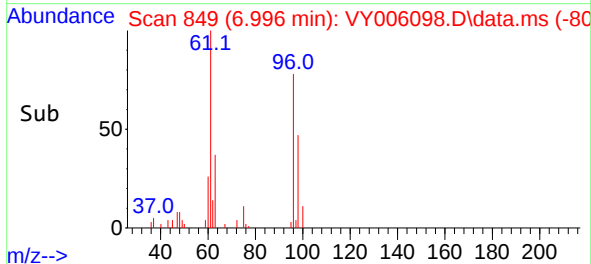
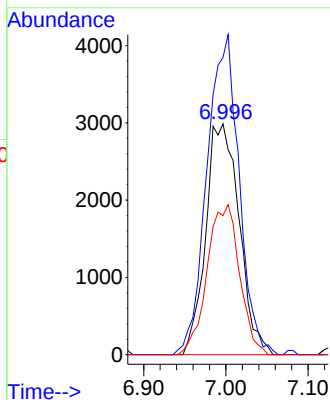
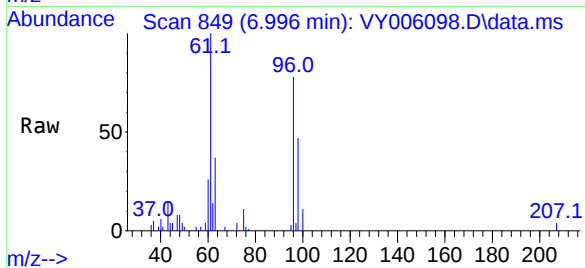




#27
cis-1,2-Dichloroethene
Concen: 9.288 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

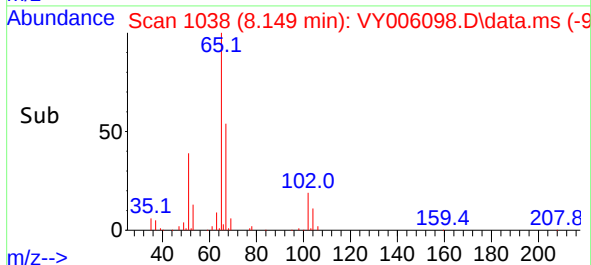
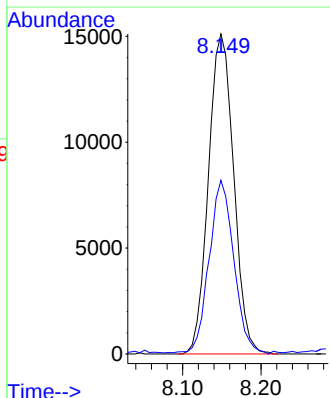
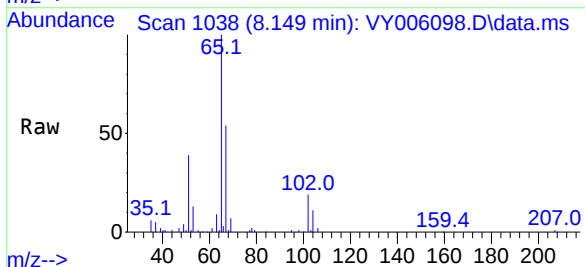
Instrument :
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ClientSampleId :
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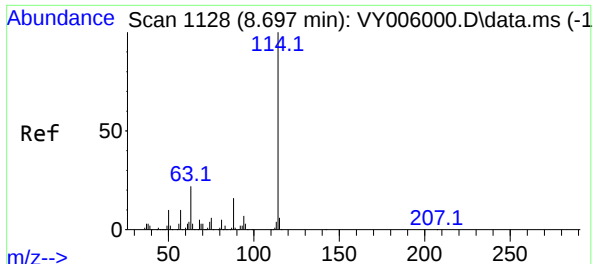
Tgt Ion:	96	Resp:	8435
Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	319.8
98	63.0	0.0	127.0



#33
1,2-Dichloroethane-d4
Concen: 33.534 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

Tgt Ion:	65	Resp:	33866
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	99.4

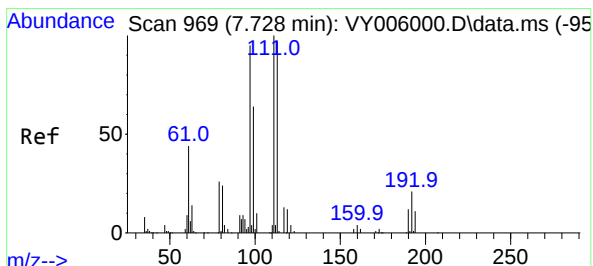
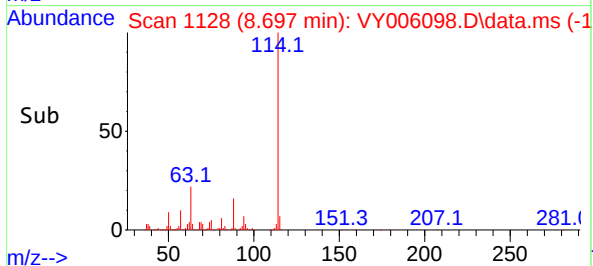
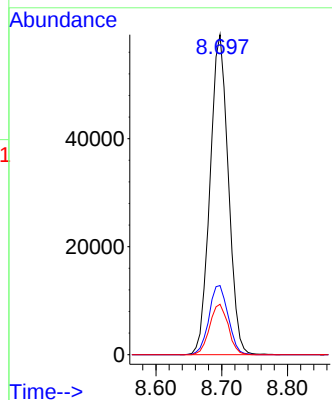
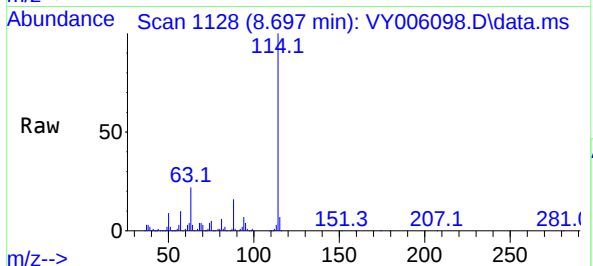




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

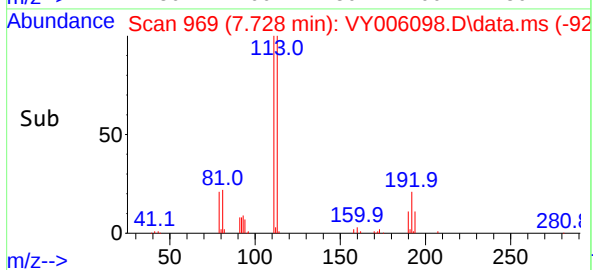
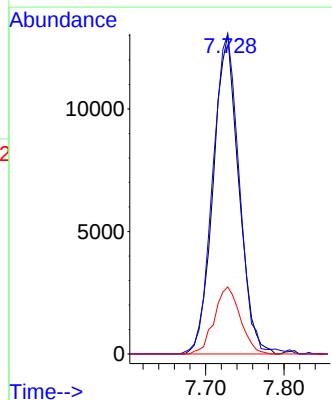
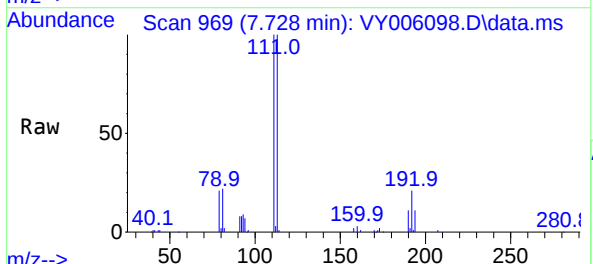
Instrument :
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ClientSampleId :
NAPL-05-(29-31)

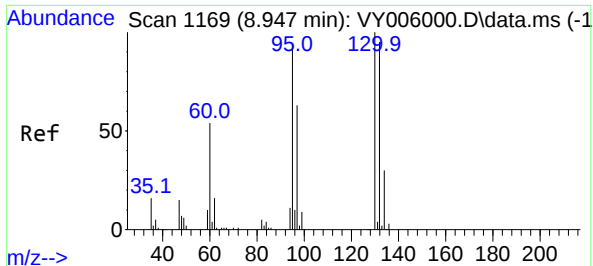
Tgt Ion:114 Resp: 114521
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.400 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

Tgt Ion:113 Resp: 29448
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 21.4 17.6 26.4

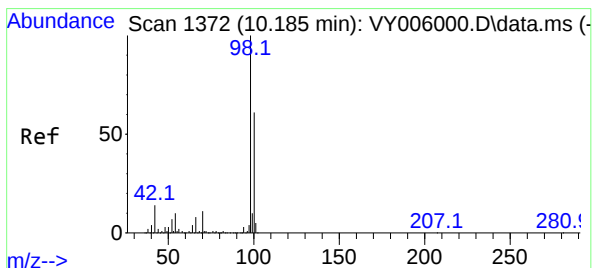
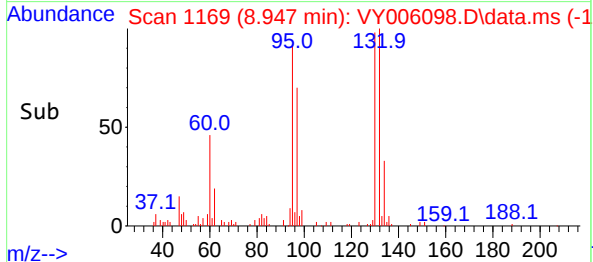
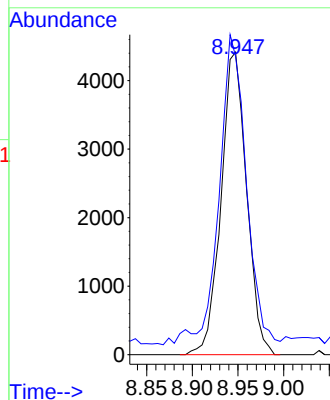
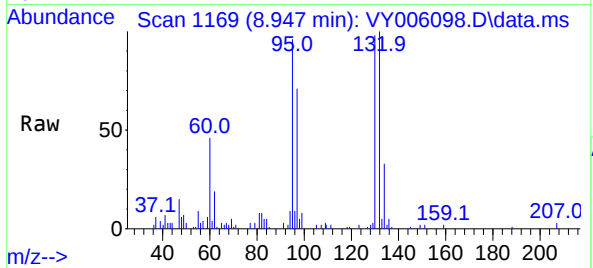




#44
Trichloroethene
Concen: 9.716 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

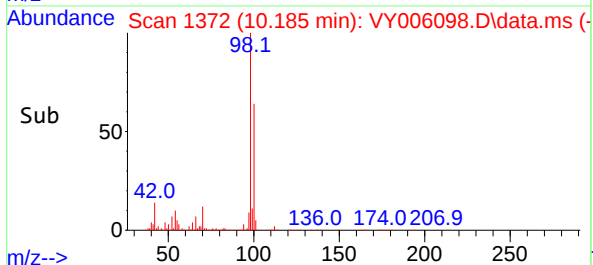
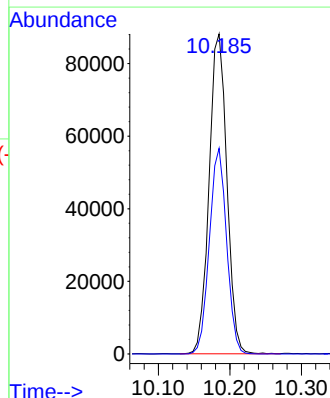
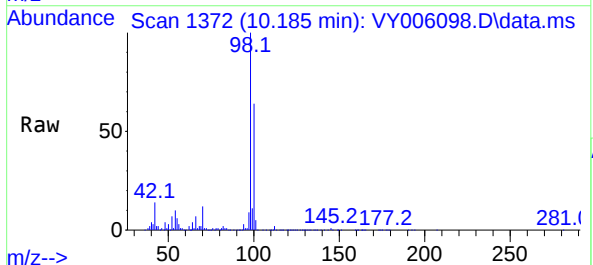
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ClientSampleId :
NAPL-05-(29-31)

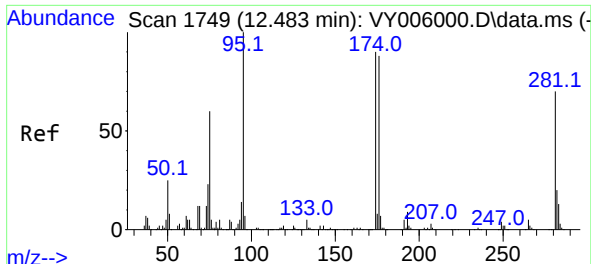
Tgt Ion:130 Resp: 8582
Ion Ratio Lower Upper
130 100
95 94.2 0.0 188.2



#50
Toluene-d8
Concen: 50.110 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

Tgt Ion: 98 Resp: 151914
Ion Ratio Lower Upper
98 100
100 62.3 50.2 75.2

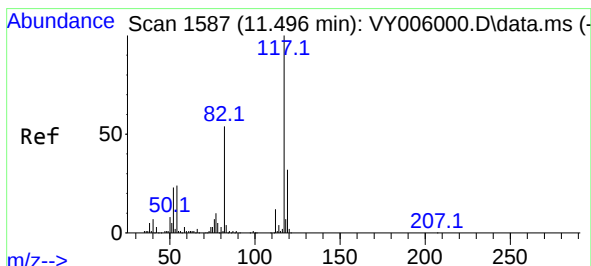
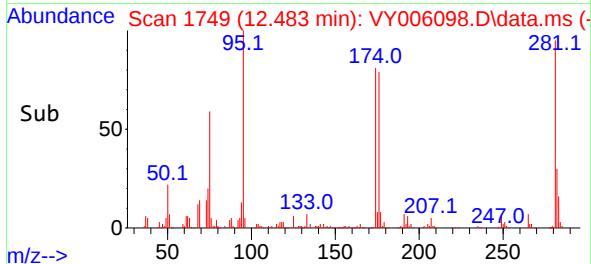
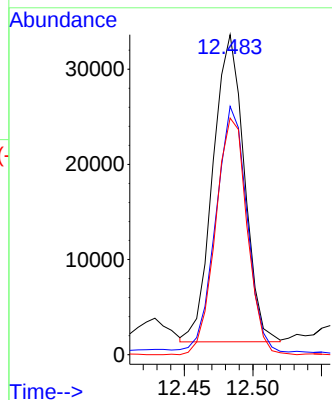
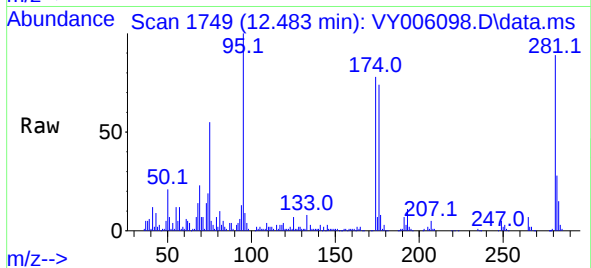




#62
4-Bromofluorobenzene
Concen: 49.714 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

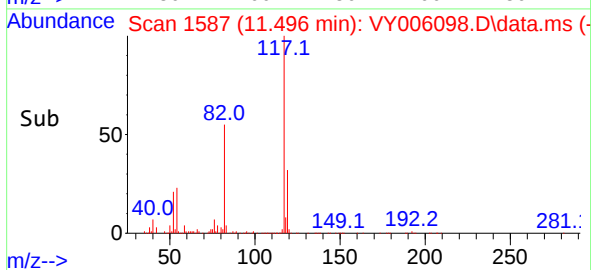
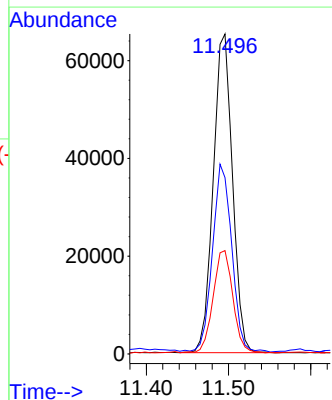
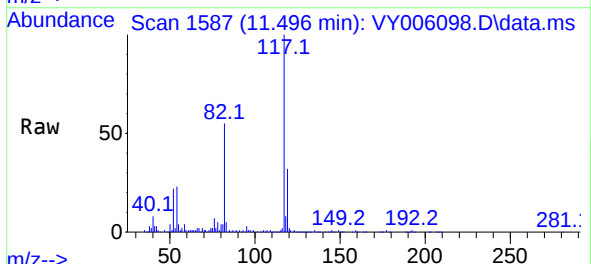
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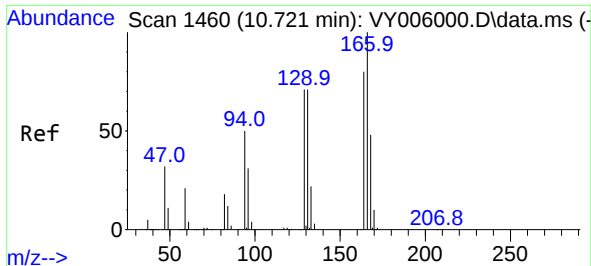
Tgt Ion: 95 Resp: 51170
Ion Ratio Lower Upper
95 100
174 81.0 0.0 177.0
176 77.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

Tgt Ion: 117 Resp: 105987
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.0 25.4 38.0

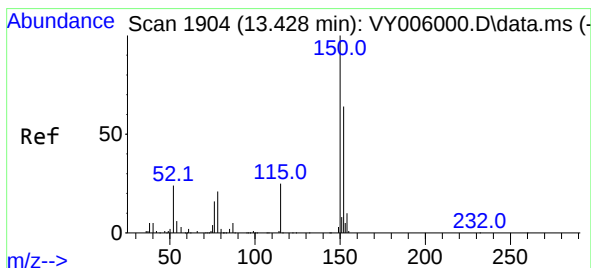
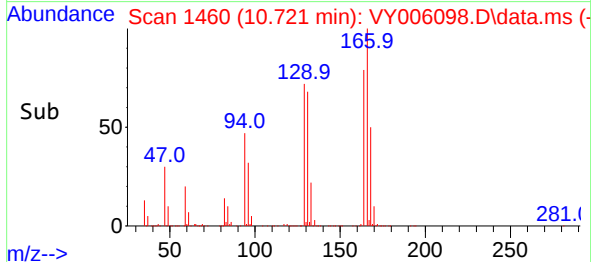
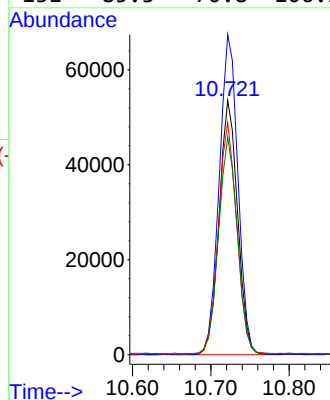
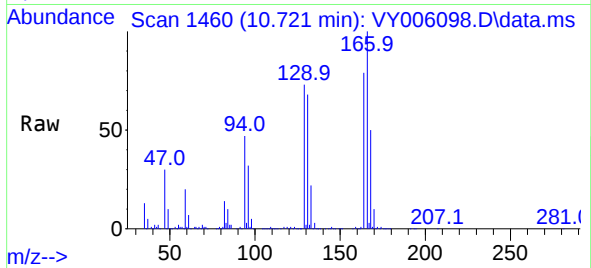




#64
Tetrachloroethene
Concen: 102.116 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

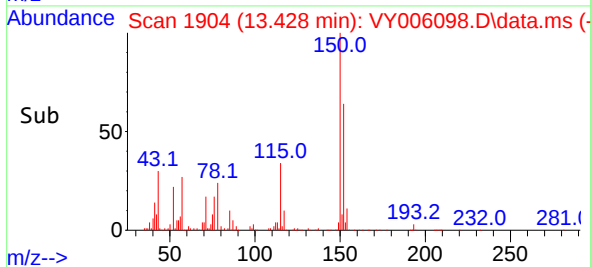
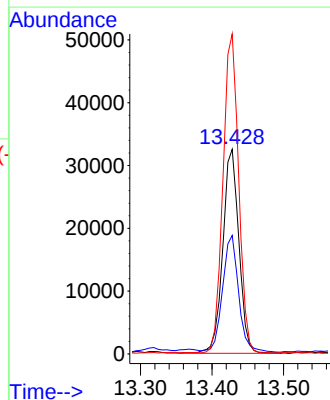
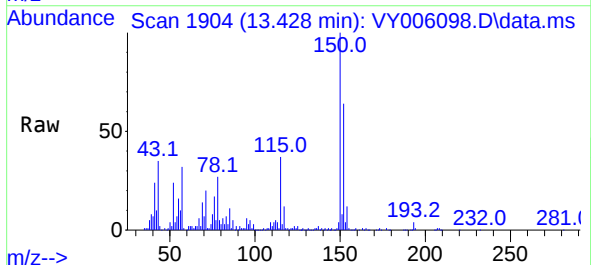
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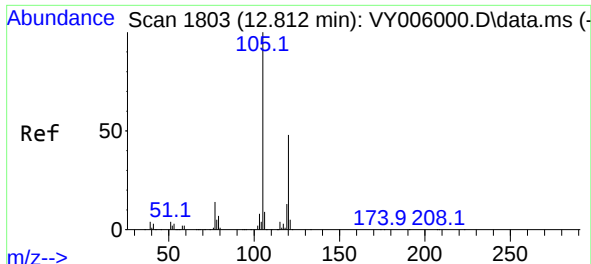
Tgt Ion:164 Resp: 88522
Ion Ratio Lower Upper
164 100
166 125.9 100.4 150.6
129 91.0 71.4 107.0
131 85.3 70.8 106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

Tgt Ion:152 Resp: 50731
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 152.0 0.0 347.6

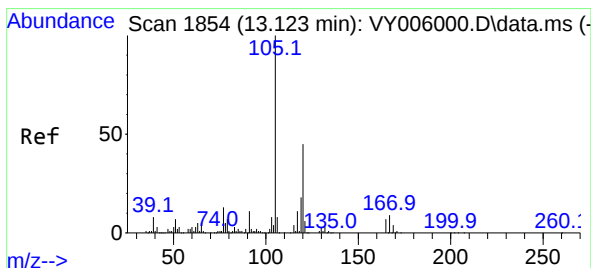
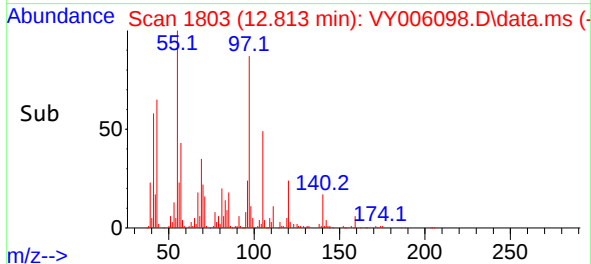
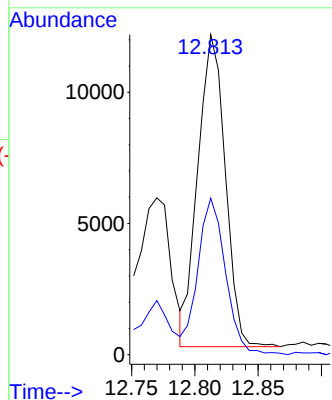
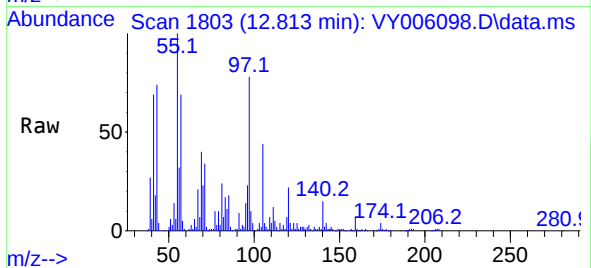




#80
1,3,5-Trimethylbenzene
Concen: 5.438 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

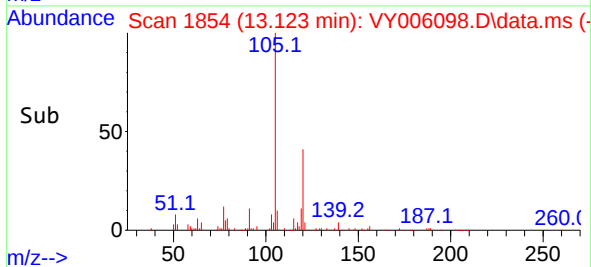
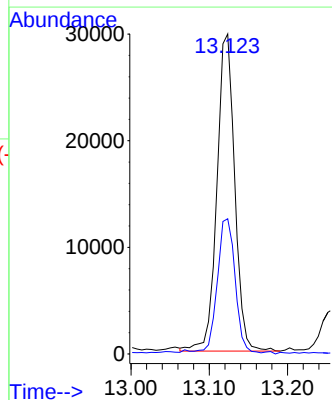
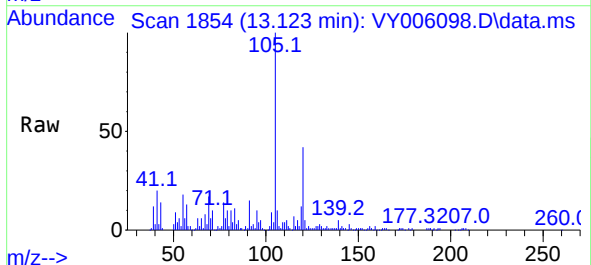
Instrument :
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ClientSampleId :
NAPL-05-(29-31)

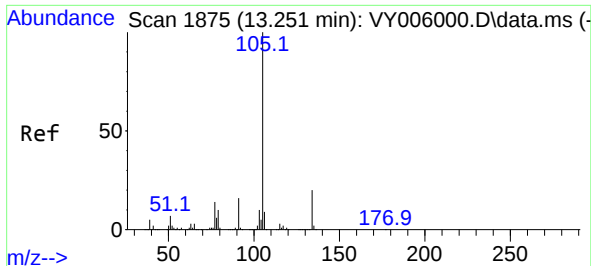
Tgt Ion:105 Resp: 17918
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 14.404 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006098.D
Acq: 20 Sep 2021 15:55

Tgt Ion:105 Resp: 47082
Ion Ratio Lower Upper
105 100
120 42.0 22.3 66.9

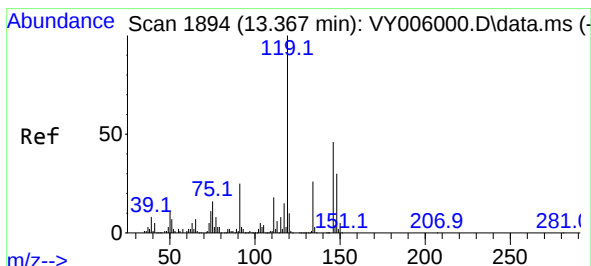
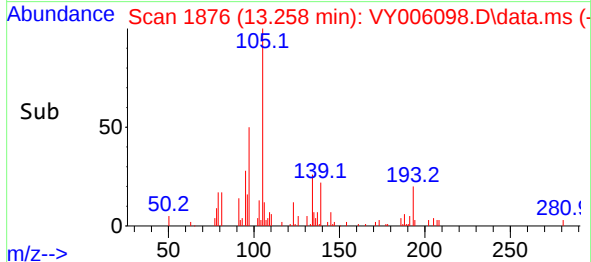
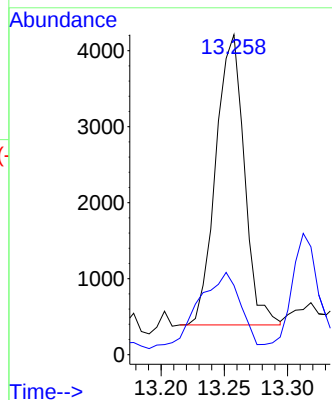
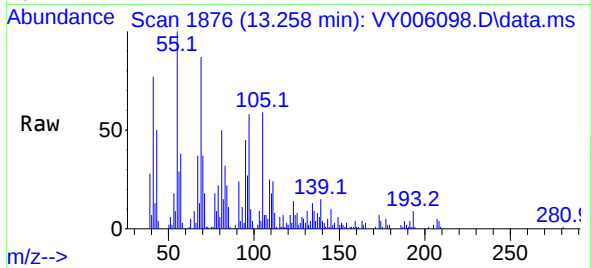




#85
 sec-Butylbenzene
 Concen: 1.414 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY006098.D
 Acq: 20 Sep 2021 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-05-(29-31)

Tgt Ion:105 Resp: 5963
 Ion Ratio Lower Upper
 105 100
 134 39.3 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 1.804 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY006098.D
 Acq: 20 Sep 2021 15:55

Tgt Ion:119 Resp: 6498
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 25.8 12.4 37.2

