

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006091.D
 Acq On : 20 Sep 2021 13:10
 Operator : SY/MD
 Sample : M3770-02
 Misc : 6.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-05-(20-22)

Quant Time: Sep 21 02:10:32 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)

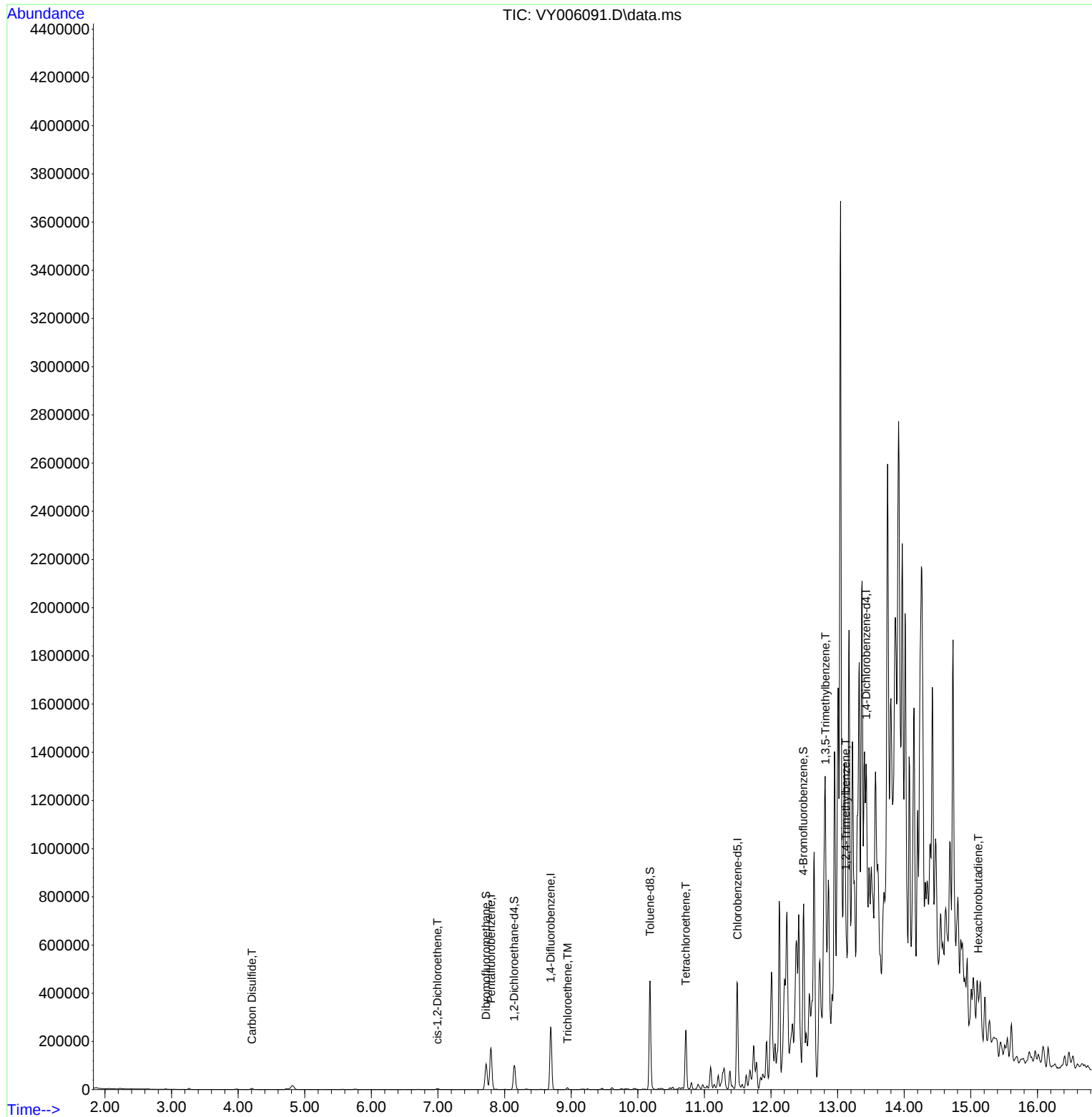
Internal Standards						
1) Pentafluorobenzene	7.795	168	136150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	228784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84238	44.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.080%
35) Dibromofluoromethane	7.722	113	71035	52.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.840%
50) Toluene-d8	10.185	98	278869	48.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.483	95	117655	60.572	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.140%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.204	76	9705	2.138	ug/l #	91
27) cis-1,2-Dichloroethene	6.990	96	2345	1.379	ug/l	87
44) Trichloroethene	8.947	130	2698	1.619	ug/l	81
64) Tetrachloroethene	10.721	164	51266	27.397	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	9720	1.180	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	19761	2.418	ug/l	98
94) Hexachlorobutadiene	15.111	225	2871	1.741	ug/l	95

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

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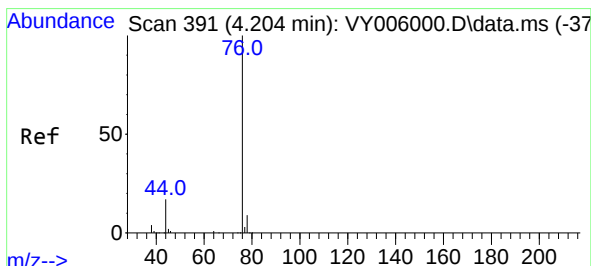
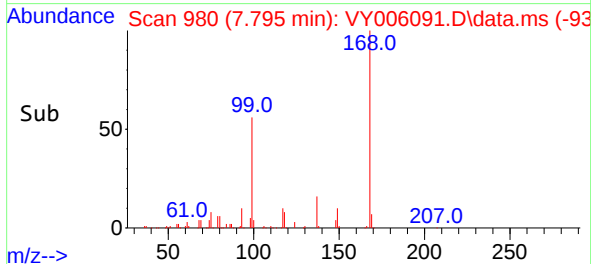
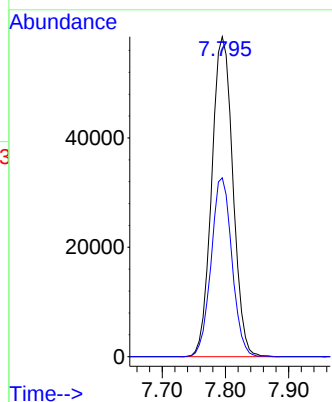
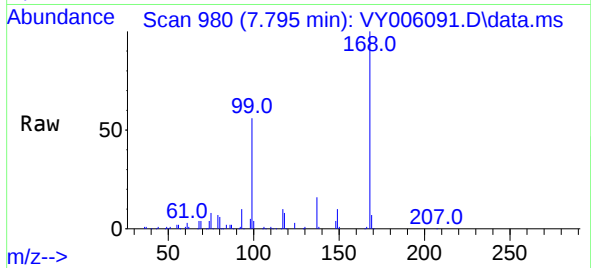




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

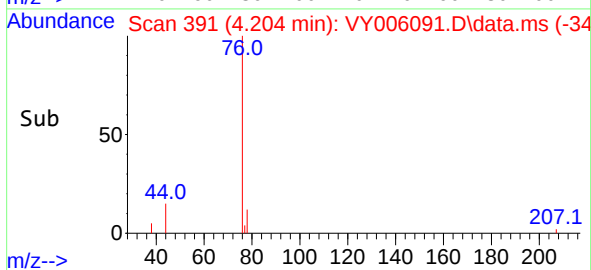
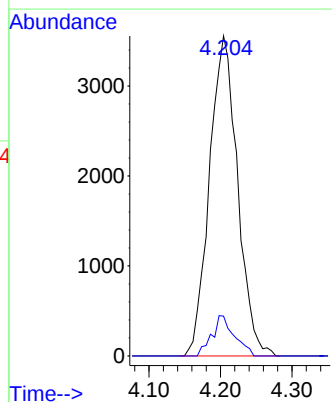
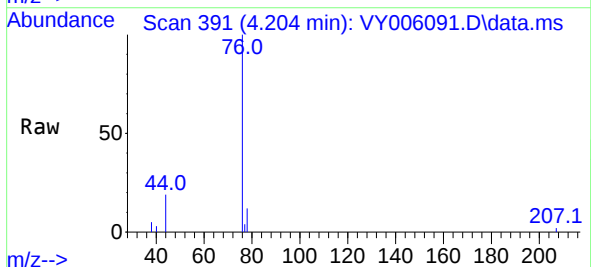
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-05-(20-22)

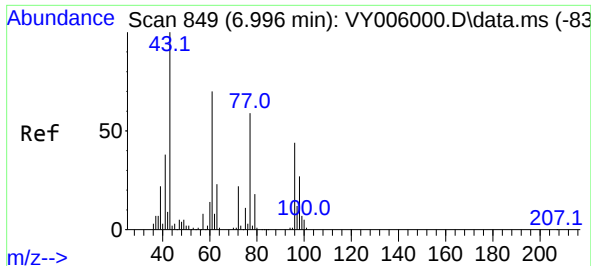
Tgt Ion:168 Resp: 136150
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#17
Carbon Disulfide
Concen: 2.138 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

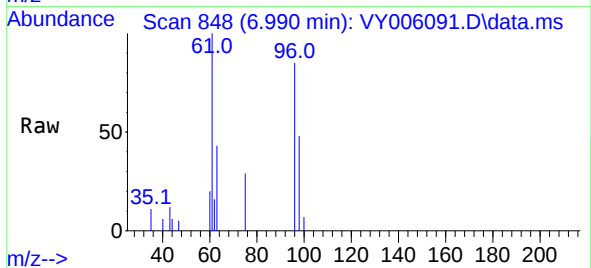
Tgt Ion: 76 Resp: 9705
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.0#



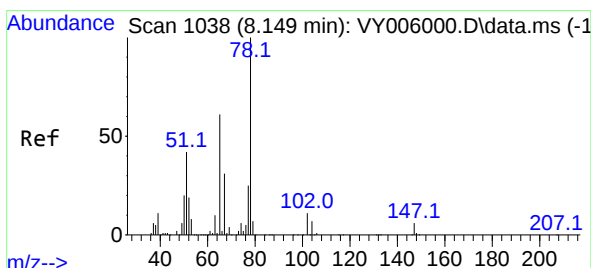
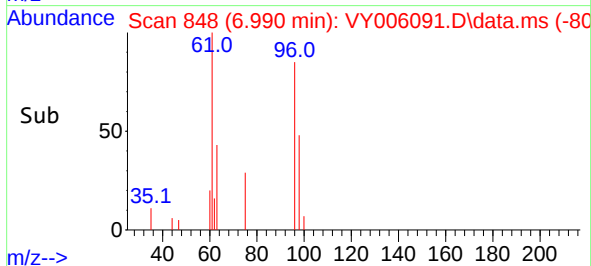
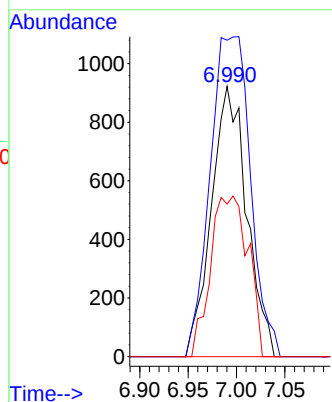


#27
cis-1,2-Dichloroethene
Concen: 1.379 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-05-(20-22)

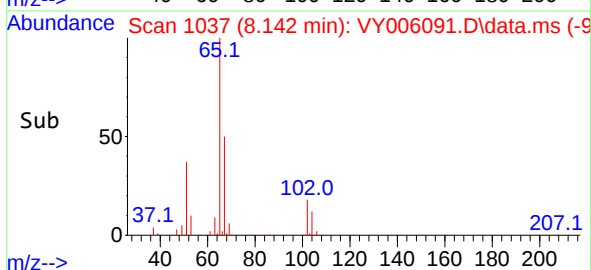
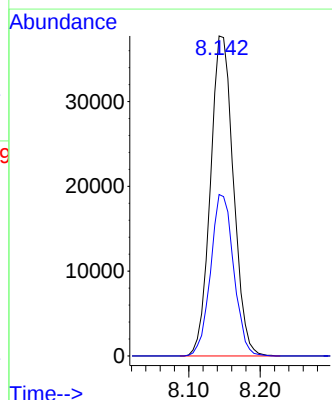
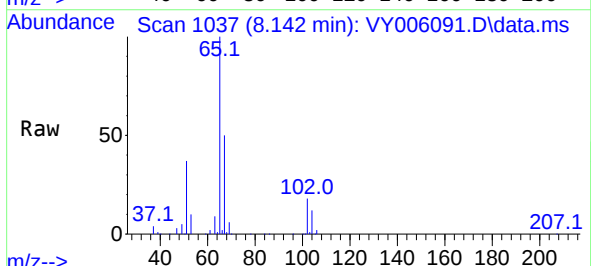


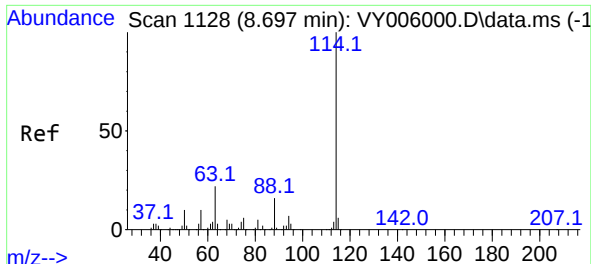
Tgt Ion:	96	Resp:	2345
Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	319.8
98	63.2	0.0	127.0



#33
1,2-Dichloroethane-d4
Concen: 44.542 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Tgt Ion:	65	Resp:	84238
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.4



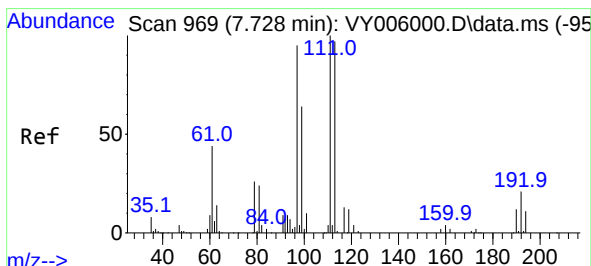
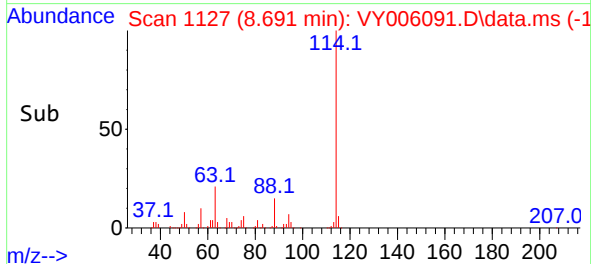
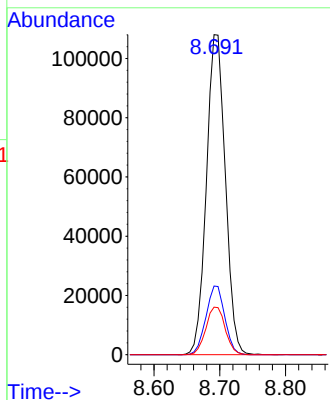
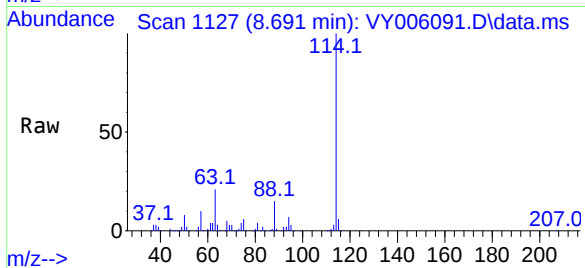


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-05-(20-22)

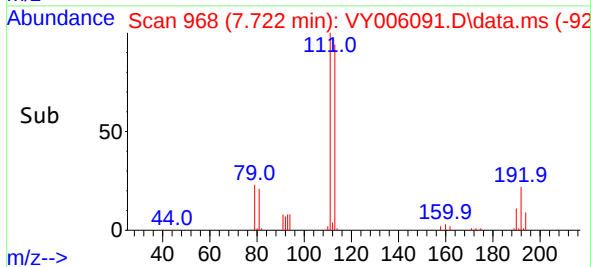
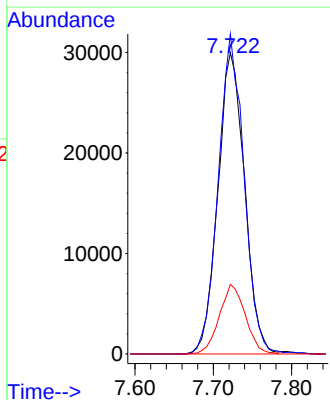
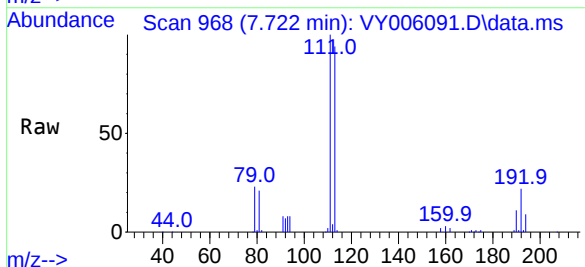
Tgt Ion:	114	Resp:	216114
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	14.9	0.0	31.8

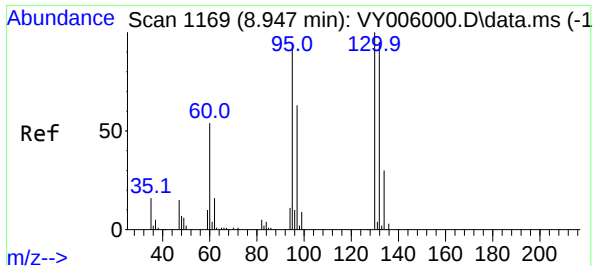


#35

Dibromofluoromethane
Concen: 52.920 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Tgt Ion:	113	Resp:	71035
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	22.4	17.6	26.4

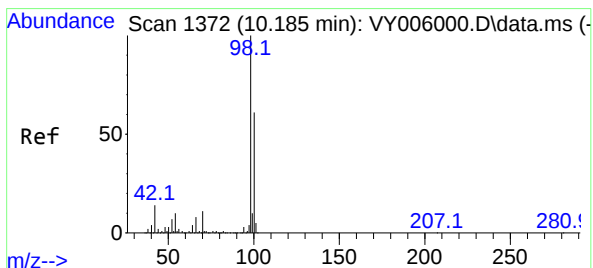
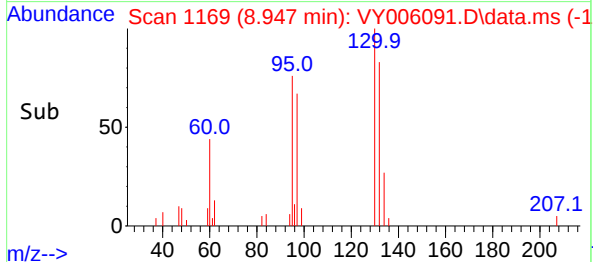
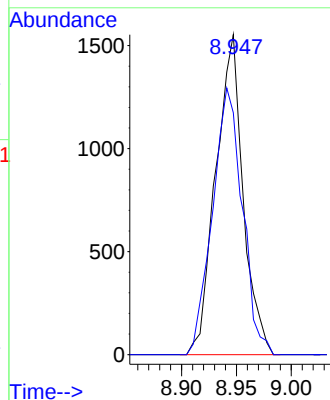
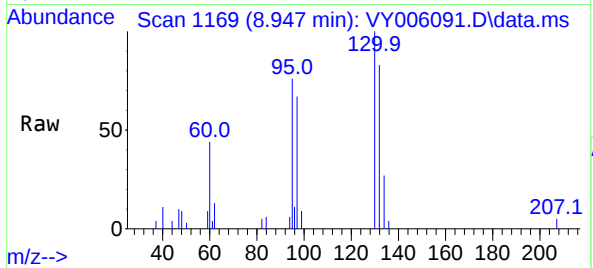




#44
Trichloroethene
Concen: 1.619 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

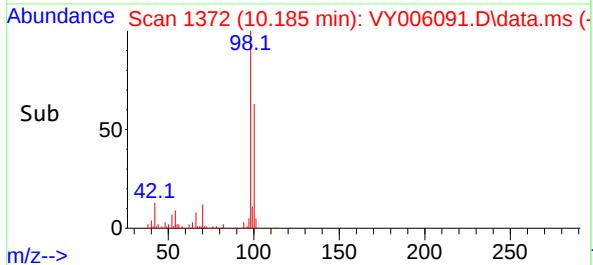
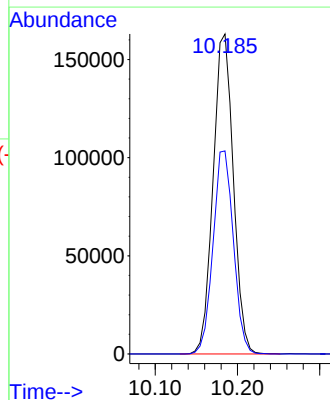
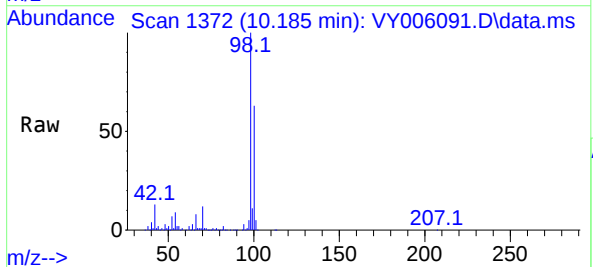
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-05-(20-22)

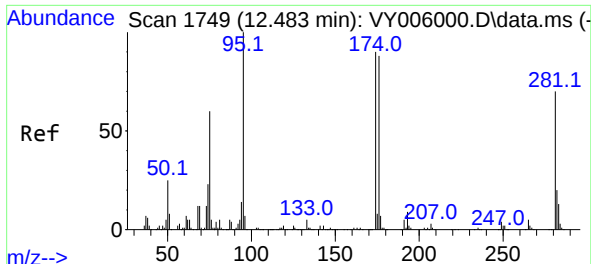
Tgt Ion:130 Resp: 2698
Ion Ratio Lower Upper
130 100
95 75.6 0.0 188.2



#50
Toluene-d8
Concen: 48.745 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Tgt Ion: 98 Resp: 278869
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

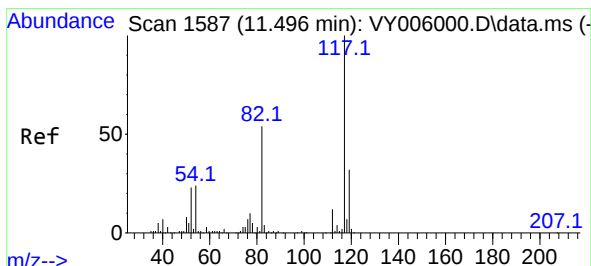
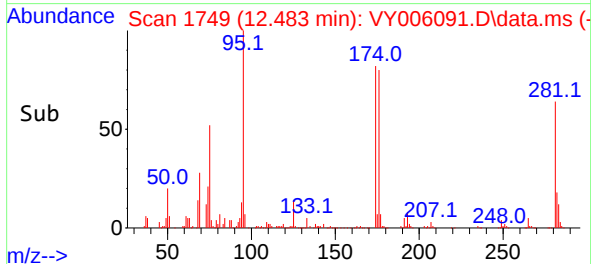
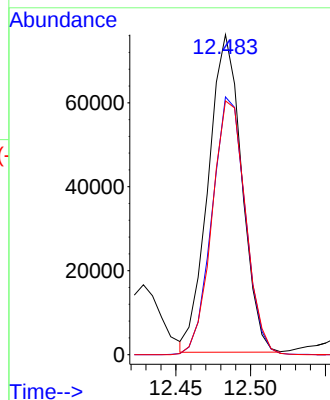
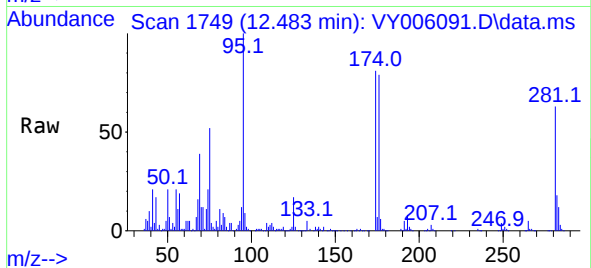




#62
4-Bromofluorobenzene
Concen: 60.572 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

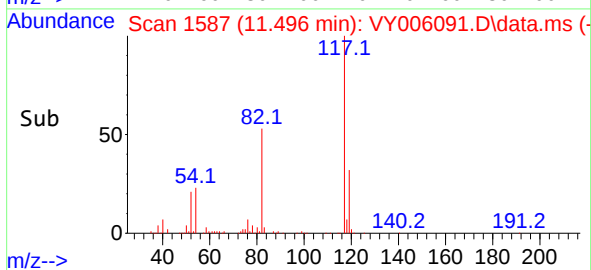
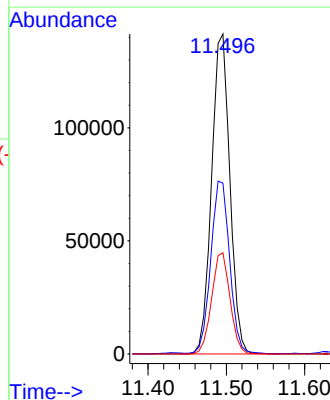
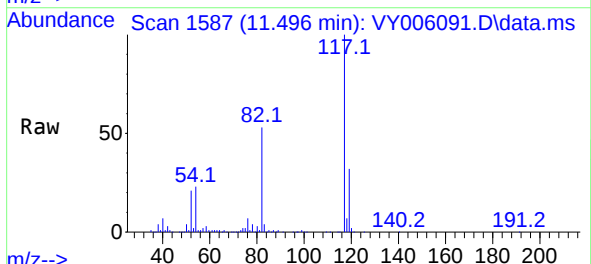
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-05-(20-22)

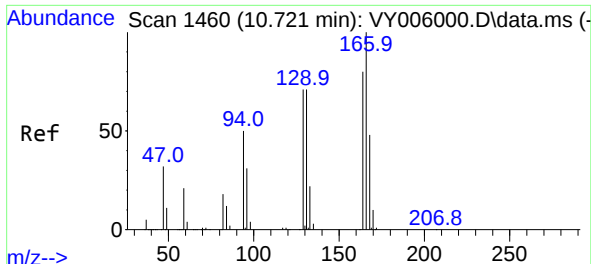
Tgt Ion: 95 Resp: 117655
Ion Ratio Lower Upper
95 100
174 80.5 0.0 177.0
176 80.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Tgt Ion: 117 Resp: 228784
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.6 25.4 38.0



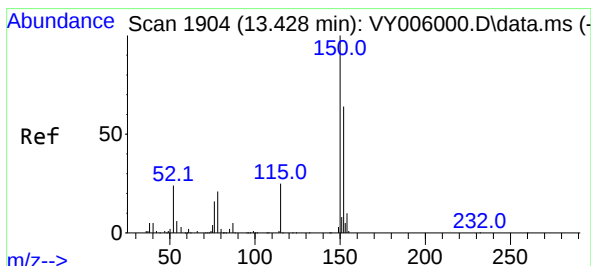
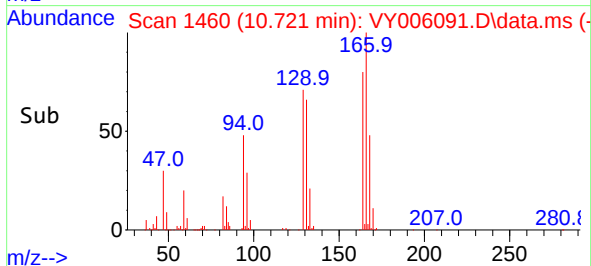
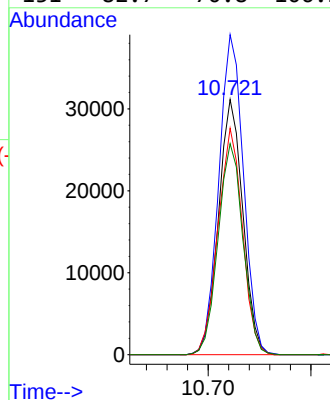
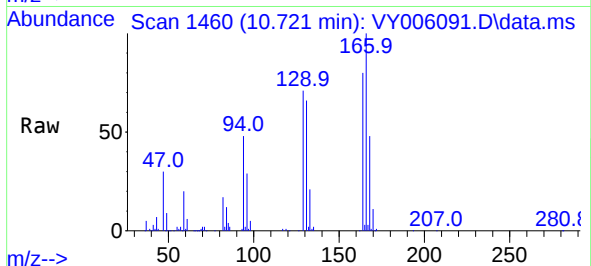


#64
Tetrachloroethene
Concen: 27.397 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-05-(20-22)

Tgt Ion:164 Resp: 51266

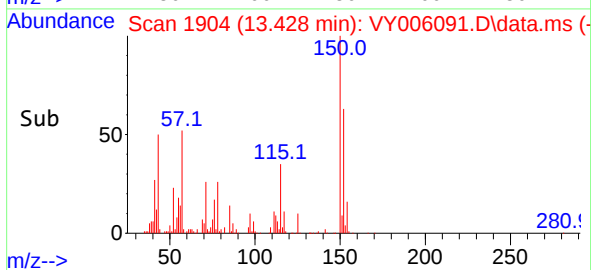
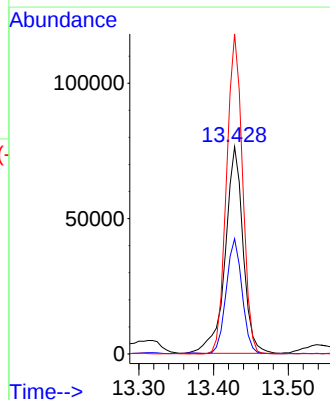
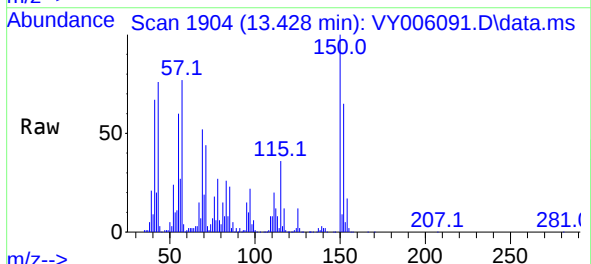
Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.4	150.6
129	88.7	71.4	107.0
131	82.7	70.8	106.2

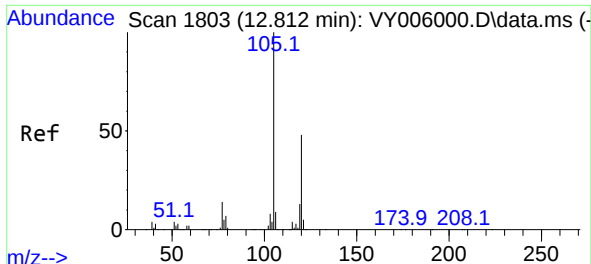


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Tgt Ion:152 Resp: 126842

Ion	Ratio	Lower	Upper
152	100		
115	49.4	28.2	84.7
150	138.3	0.0	347.6

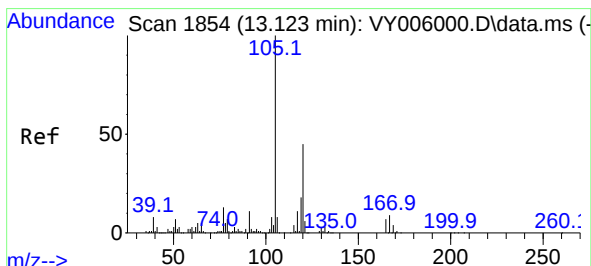
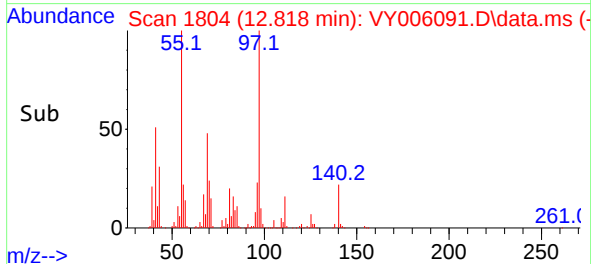
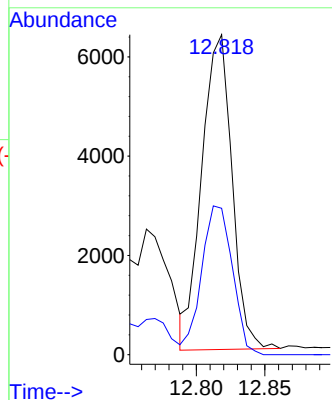
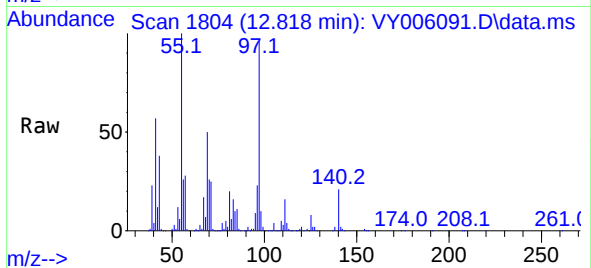




#80
1,3,5-Trimethylbenzene
Concen: 1.180 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

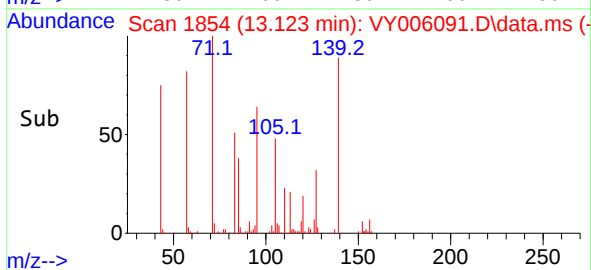
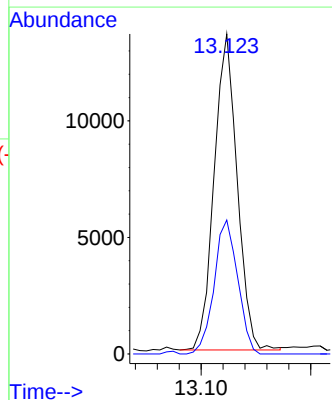
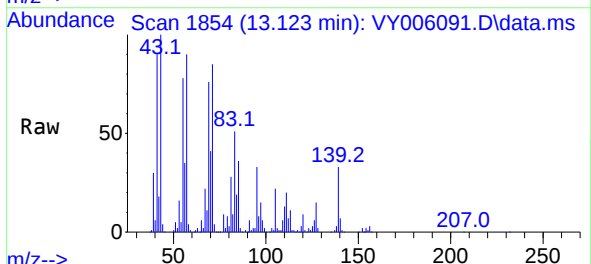
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-05-(20-22)

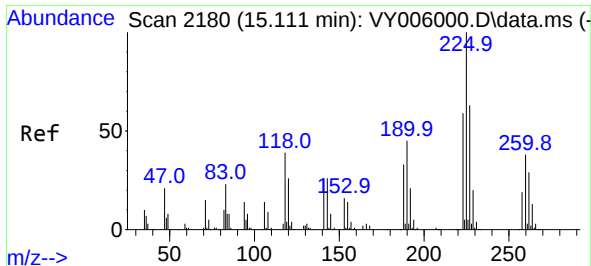
Tgt Ion:105 Resp: 9720
Ion Ratio Lower Upper
105 100
120 48.4 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 2.418 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Tgt Ion:105 Resp: 19761
Ion Ratio Lower Upper
105 100
120 43.3 22.3 66.9





#94
Hexachlorobutadiene
Concen: 1.741 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY006091.D
Acq: 20 Sep 2021 13:10

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-05-(20-22)

Tgt Ion:	225	Resp:	2871
Ion	Ratio	Lower	Upper
225	100		
223	65.0	30.8	92.3
227	66.9	31.6	94.7

