

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006030.D
 Acq On : 15 Sep 2021 17:36
 Operator : SY/MD
 Sample : M3733-08
 Misc : 6.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-02-(25-27)

Quant Time: Sep 16 01:24:04 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)

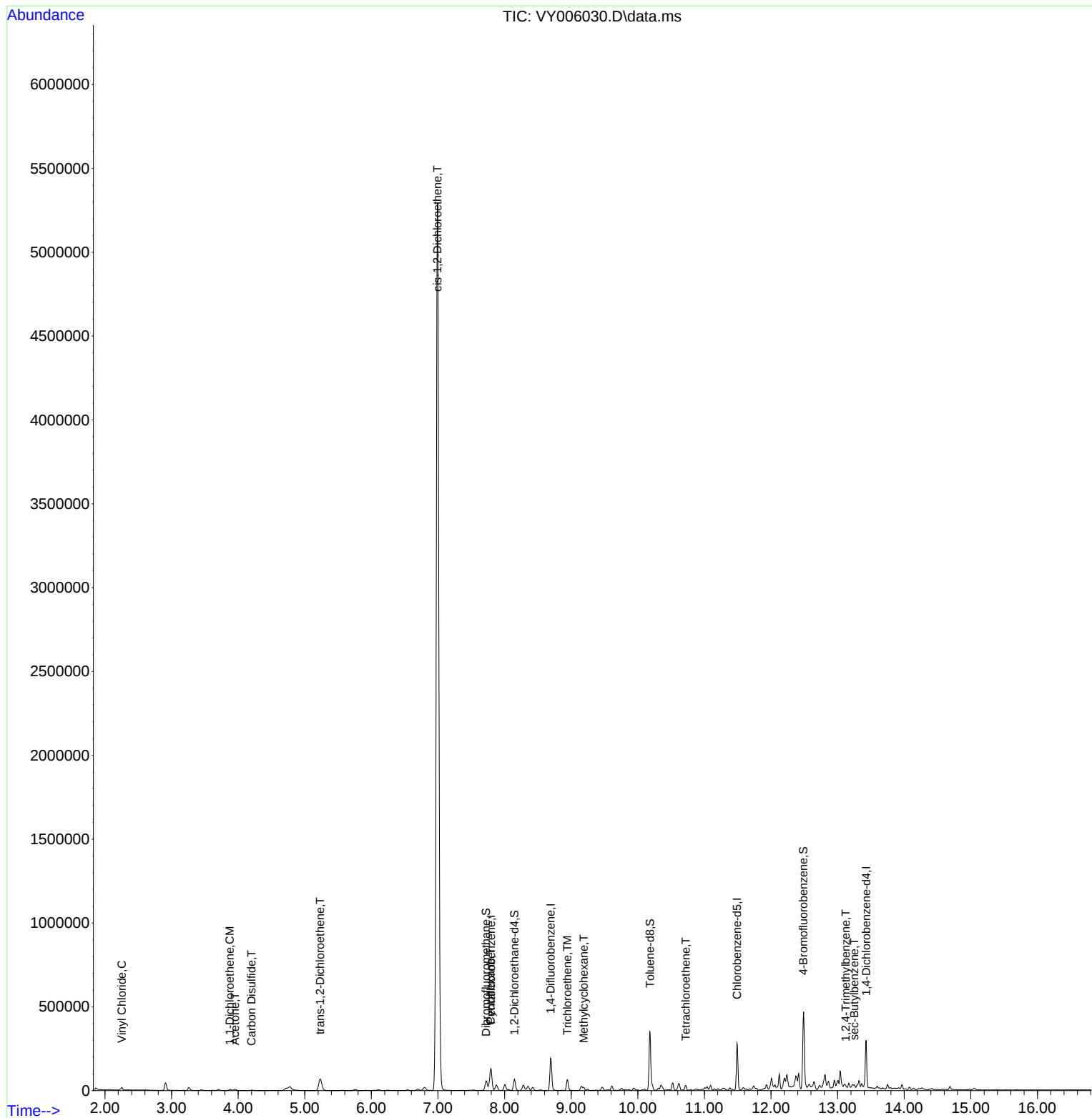
Internal Standards						
1) Pentafluorobenzene	7.795	168	80248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	137406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	52091	46.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.460%
35) Dibromofluoromethane	7.722	113	40514	46.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.740%
50) Toluene-d8	10.185	98	186170	49.996	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.483	95	68210	53.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.900%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	1692	1.422	ug/l	99
12) 1,1-Dichloroethene	3.875	96	4084	5.097	ug/l	97
16) Acetone	3.954	43	13214	43.220	ug/l	96
17) Carbon Disulfide	4.198	76	6307	2.357	ug/l	100
21) trans-1,2-Dichloroethene	5.228	96	35259	39.243	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	3040993	3033.774	ug/l	90
31) Cyclohexane	7.789	56	17340	9.711	ug/l #	89
39) Methylcyclohexane	9.191	83	7834	4.163	ug/l	94
44) Trichloroethene	8.941	130	19632	18.095	ug/l	94
64) Tetrachloroethene	10.721	164	5329	4.742	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	4516	1.038	ug/l	90
85) sec-Butylbenzene	13.251	105	5994	1.068	ug/l #	70

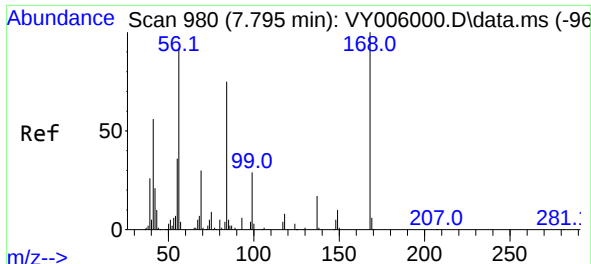
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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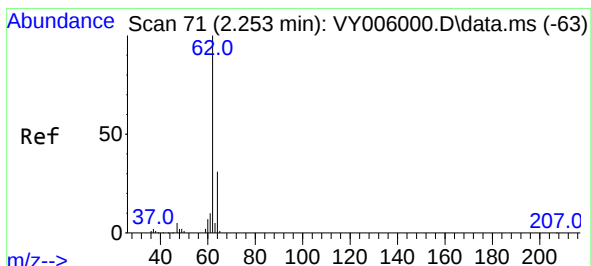
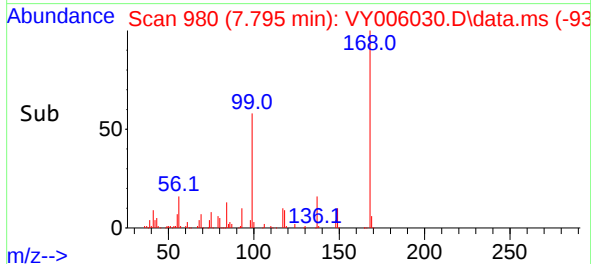
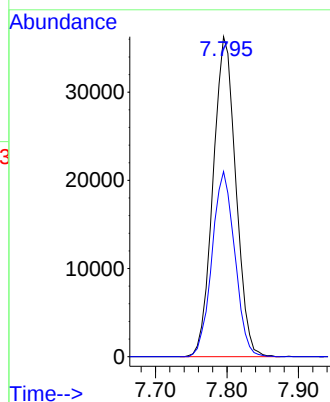
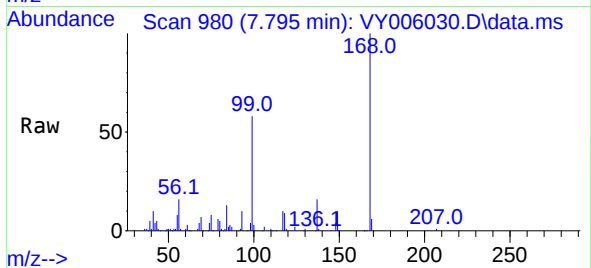




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

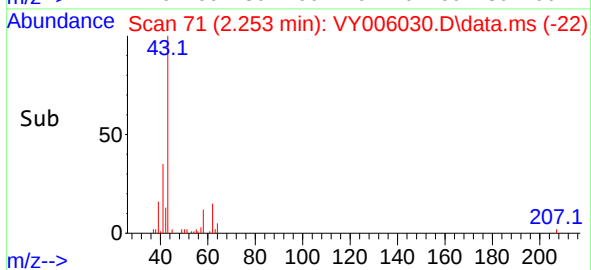
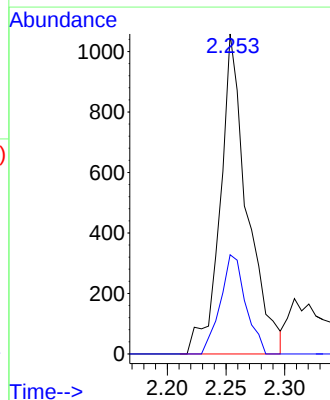
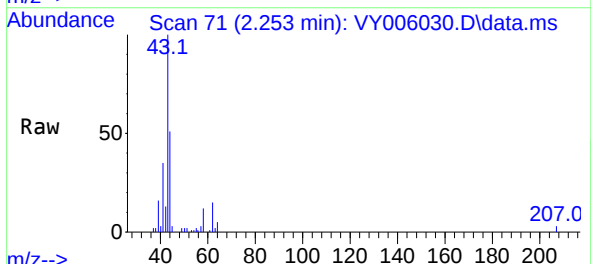
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(25-27)

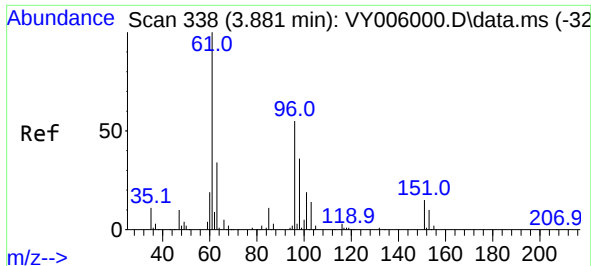
Tgt Ion:168 Resp: 80248
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#4
Vinyl Chloride
Concen: 1.422 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

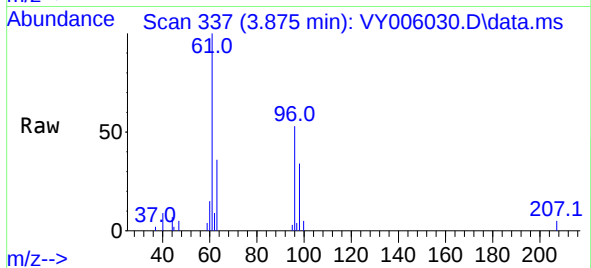
Tgt Ion: 62 Resp: 1692
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.6





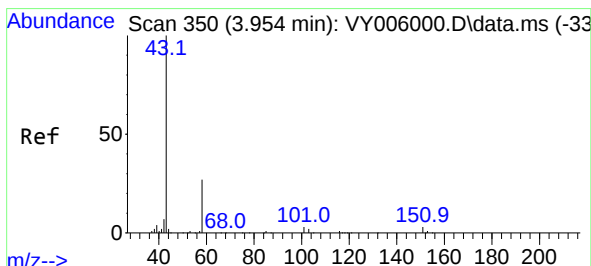
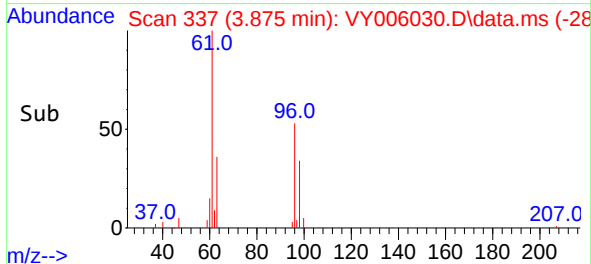
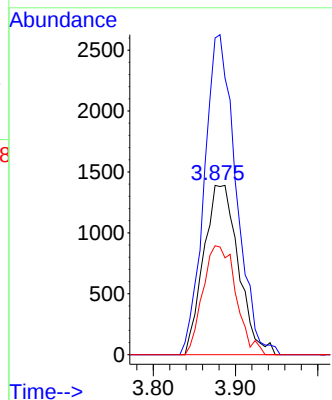
#12
1,1-Dichloroethene
Concen: 5.097 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(25-27)



Tgt Ion: 96 Resp: 4084

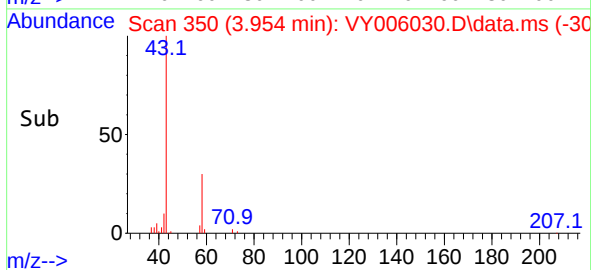
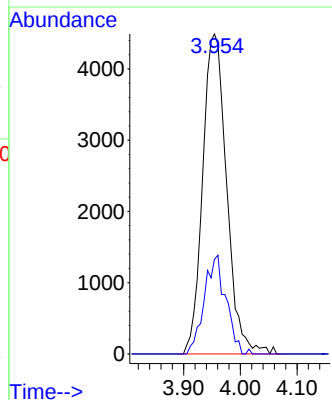
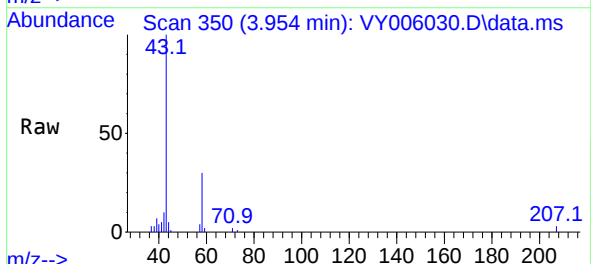
Ion	Ratio	Lower	Upper
96	100		
61	187.1	145.8	218.6
98	64.3	52.5	78.7

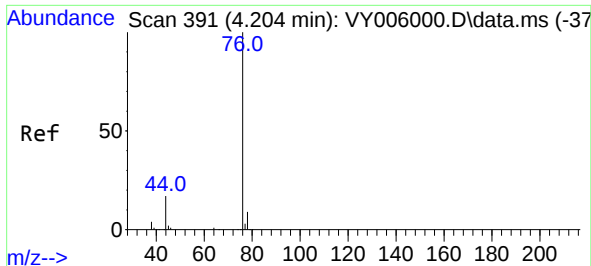


#16
Acetone
Concen: 43.220 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Tgt Ion: 43 Resp: 13214

Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.0	33.0

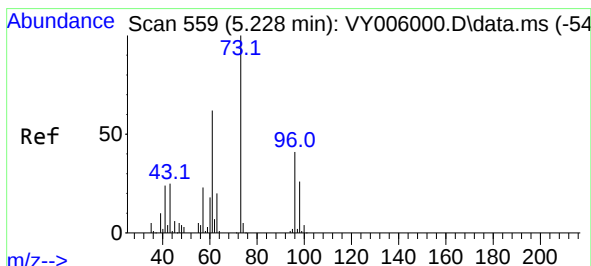
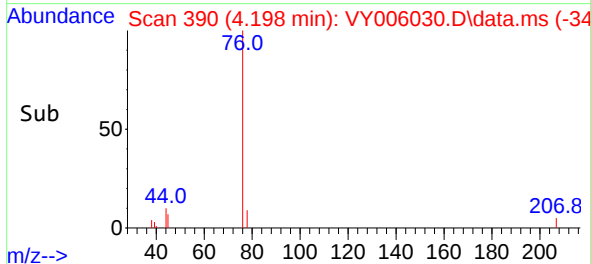
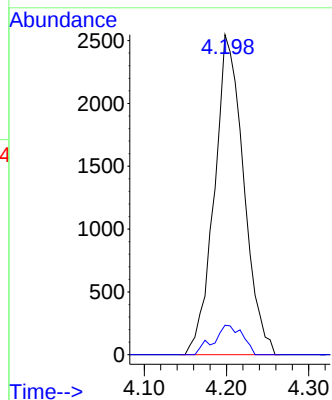
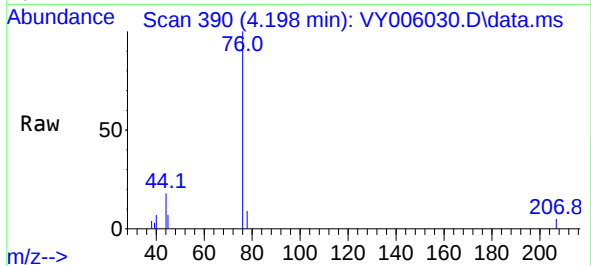




#17
Carbon Disulfide
Concen: 2.357 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

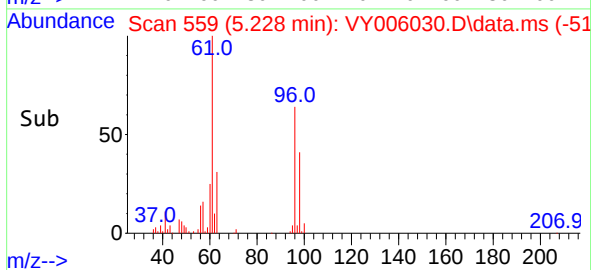
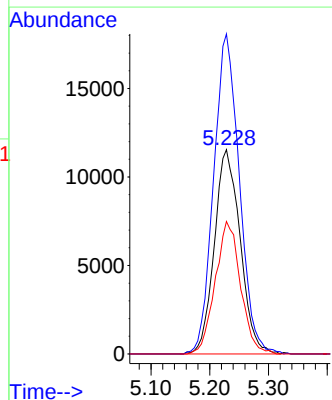
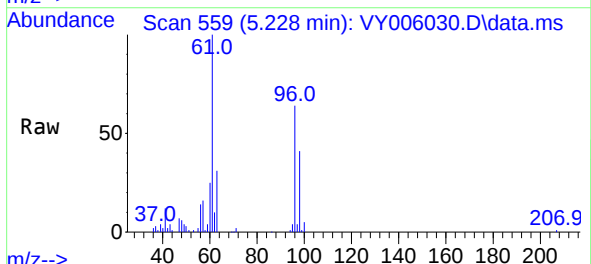
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(25-27)

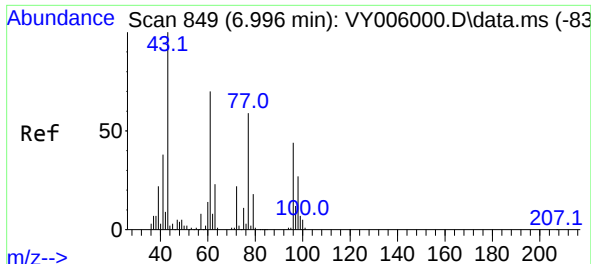
Tgt Ion: 76 Resp: 6307
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#21
trans-1,2-Dichloroethene
Concen: 39.243 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

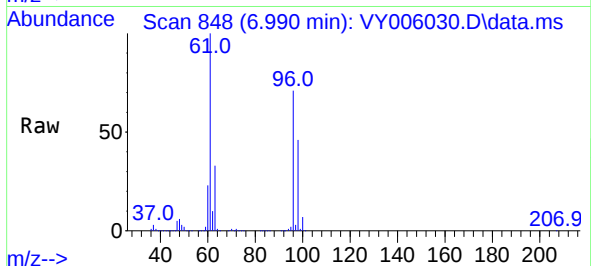
Tgt Ion: 96 Resp: 35259
Ion Ratio Lower Upper
96 100
61 156.6 120.5 180.7
98 64.8 49.8 74.8





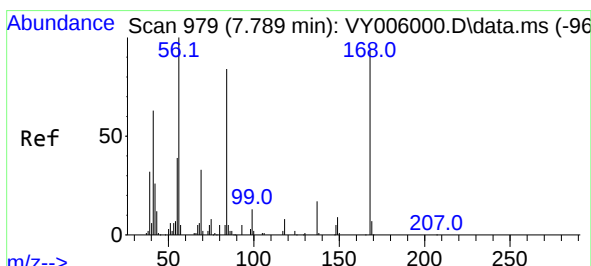
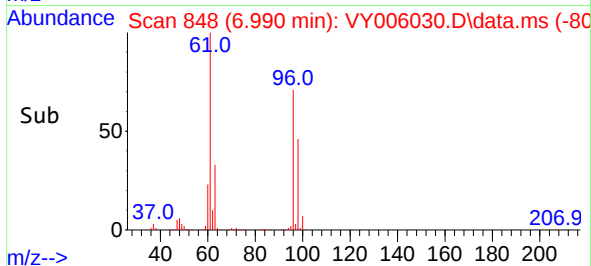
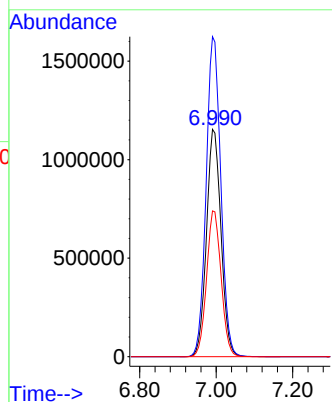
#27
cis-1,2-Dichloroethene
Concen: 3033.774 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 96 Resp: 3040993

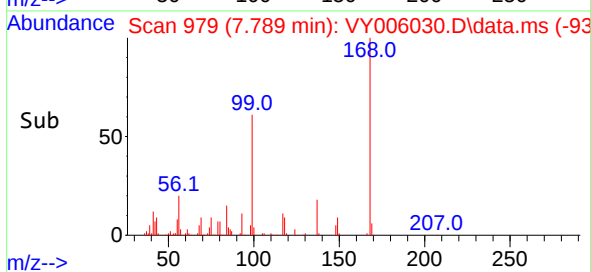
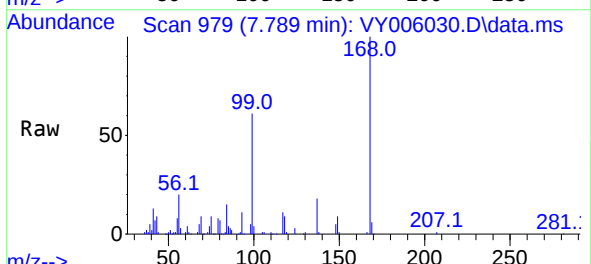
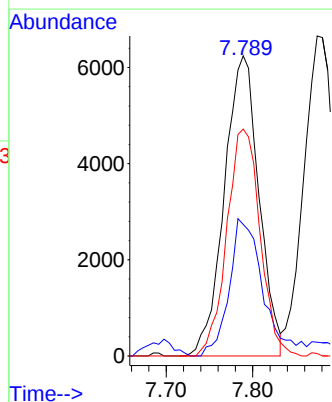
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	319.8
98	64.2	0.0	127.0

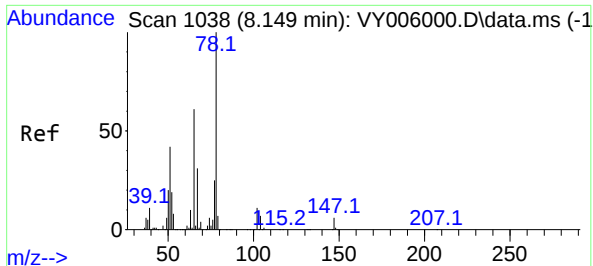


#31
Cyclohexane
Concen: 9.711 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Tgt Ion: 56 Resp: 17340

Ion	Ratio	Lower	Upper
56	100		
69	41.8	26.7	40.1#
84	75.6	67.2	100.8

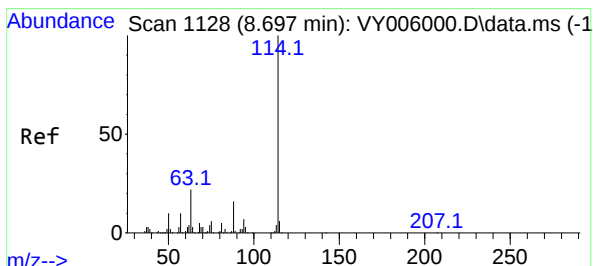
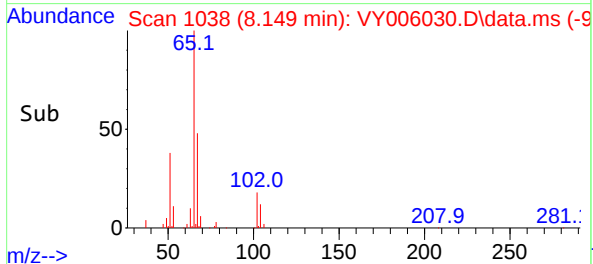
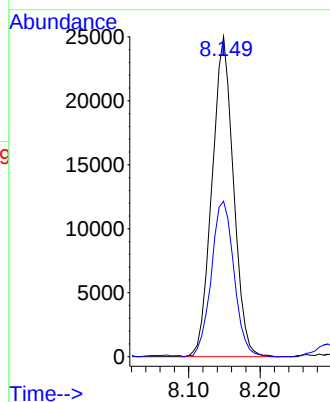
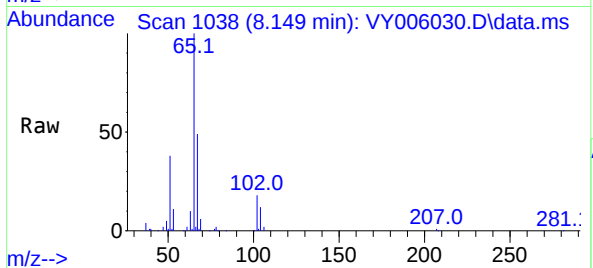




#33
1,2-Dichloroethane-d4
Concen: 46.731 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

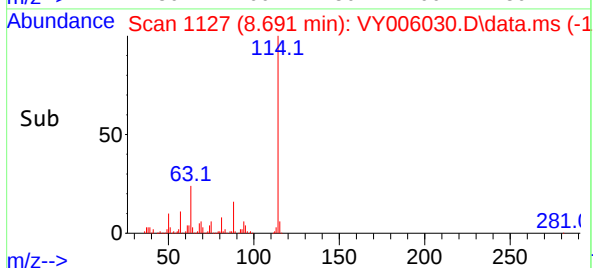
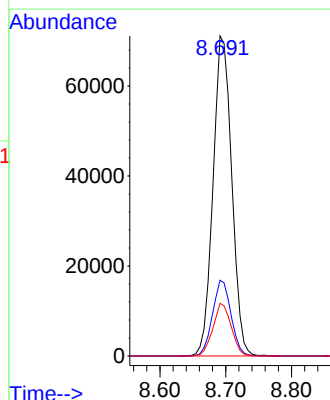
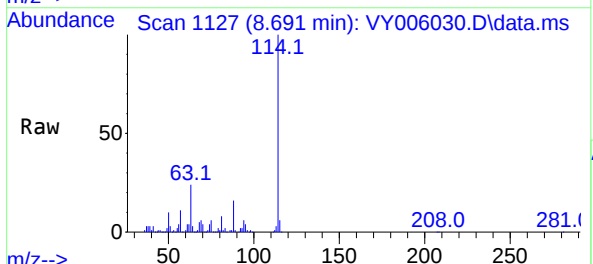
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(25-27)

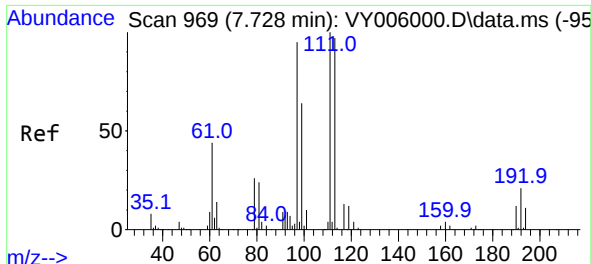
Tgt Ion: 65 Resp: 52091
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Tgt Ion: 114 Resp: 140664
Ion Ratio Lower Upper
114 100
63 23.7 0.0 43.2
88 16.5 0.0 31.8

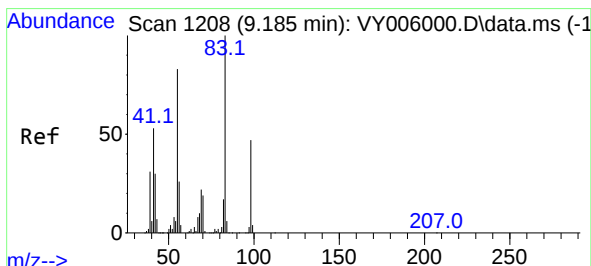
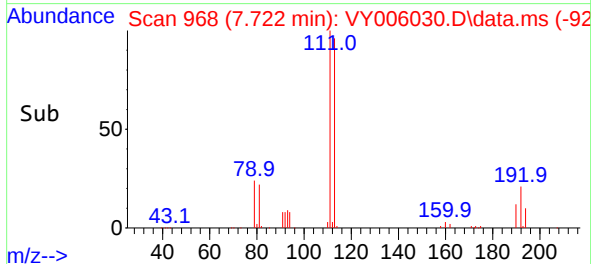
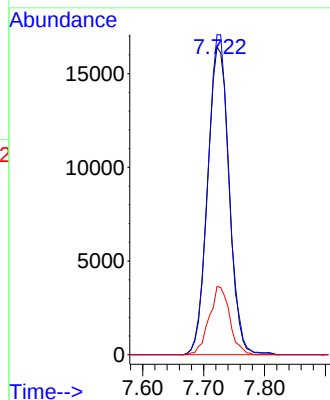
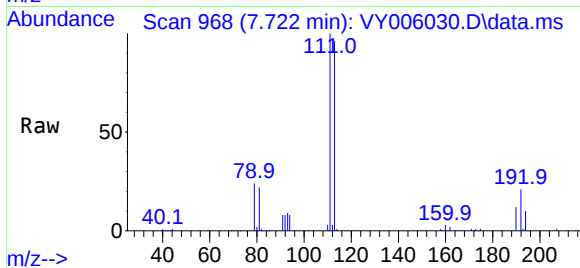




#35
Dibromofluoromethane
Concen: 46.371 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

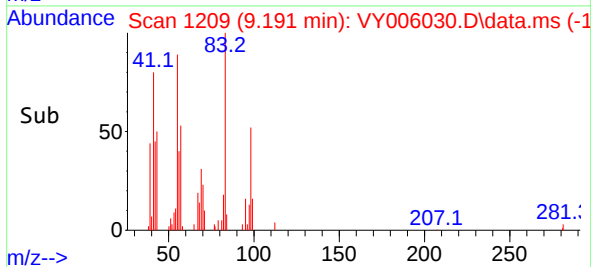
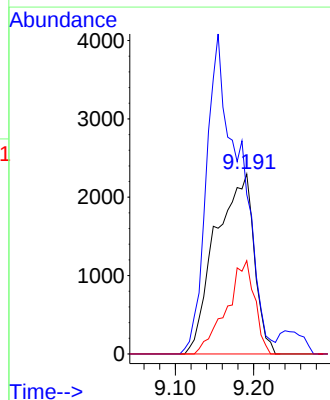
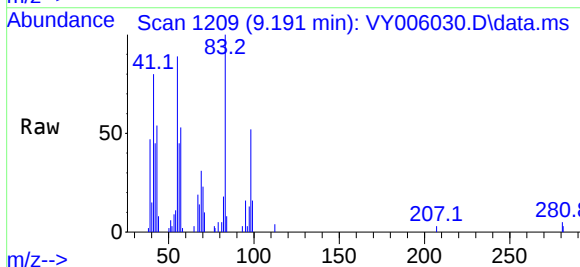
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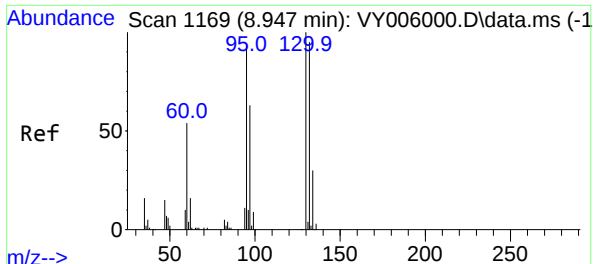
Tgt Ion:	113	Resp:	40514
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	21.0	17.6	26.4



#39
Methylcyclohexane
Concen: 4.163 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Tgt Ion:	83	Resp:	7834
Ion	Ratio	Lower	Upper
83	100		
55	88.6	66.5	99.7
98	51.8	37.9	56.9

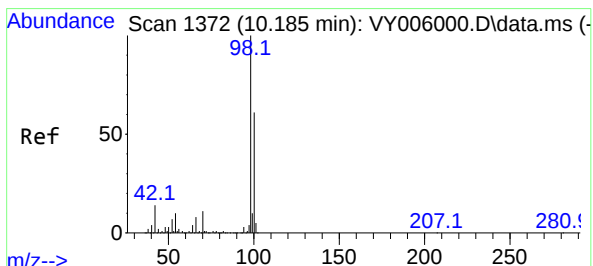
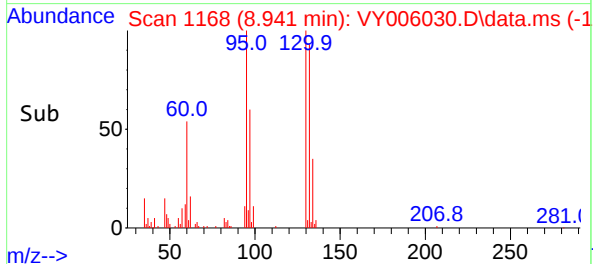
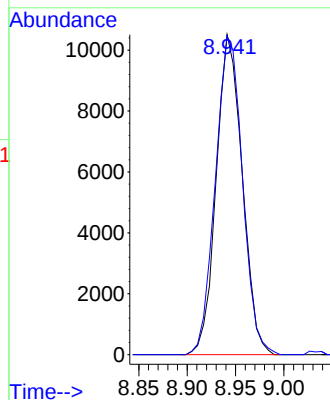
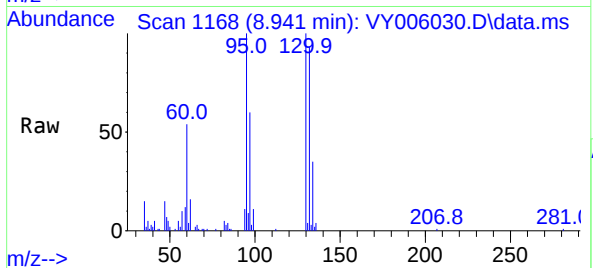




#44
Trichloroethene
Concen: 18.095 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

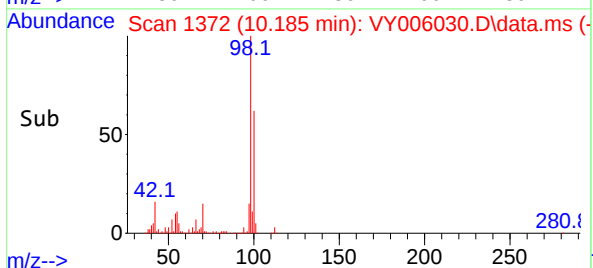
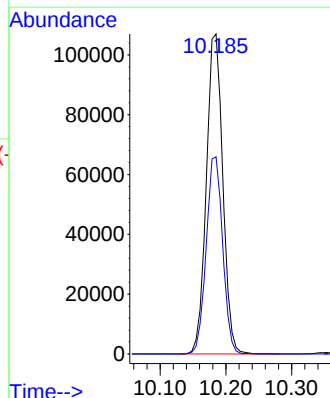
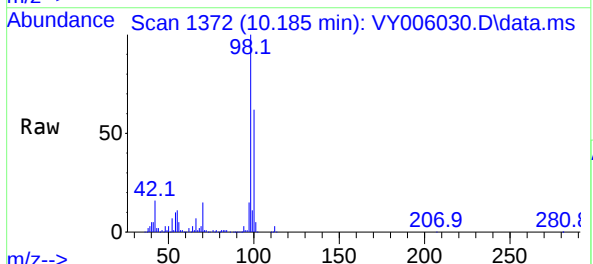
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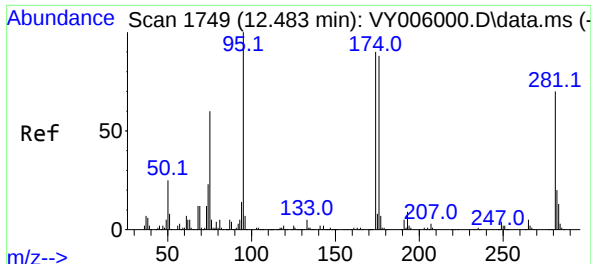
Tgt Ion:130 Resp: 19632
Ion Ratio Lower Upper
130 100
95 99.6 0.0 188.2



#50
Toluene-d8
Concen: 49.996 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Tgt Ion: 98 Resp: 186170
Ion Ratio Lower Upper
98 100
100 61.7 50.2 75.2

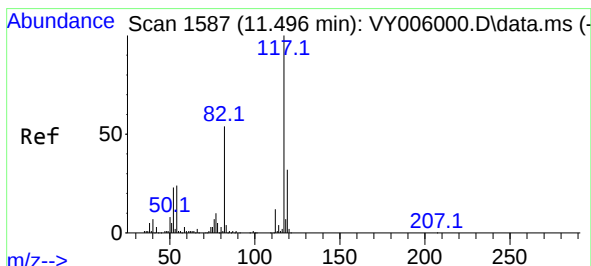
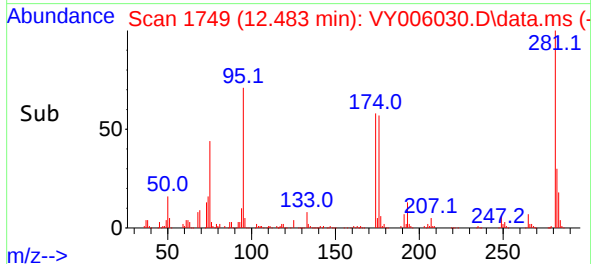
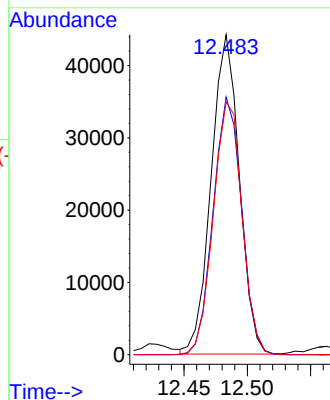
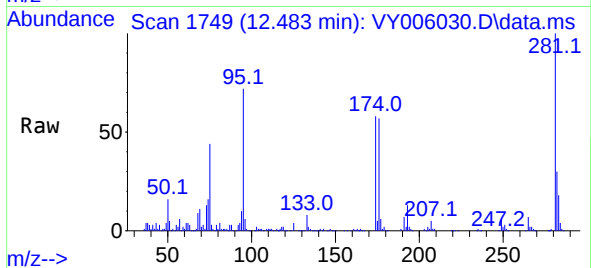




#62
4-Bromofluorobenzene
Concen: 53.953 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

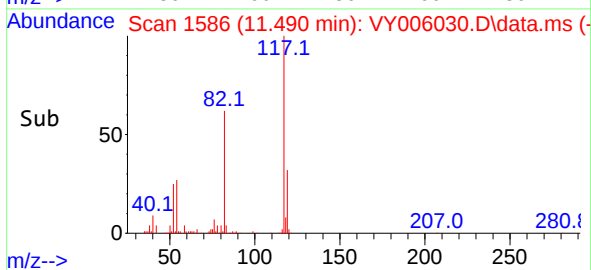
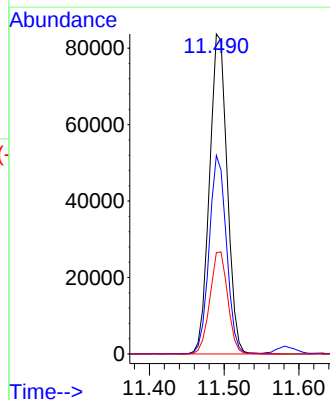
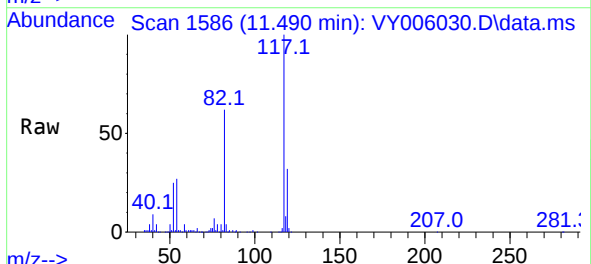
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(25-27)

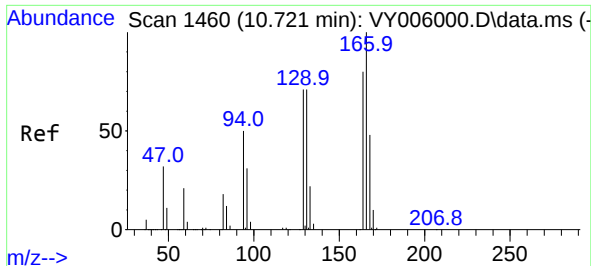
Tgt Ion: 95 Resp: 68210
Ion Ratio Lower Upper
95 100
174 81.6 0.0 177.0
176 80.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Tgt Ion: 117 Resp: 137406
Ion Ratio Lower Upper
117 100
82 62.0 43.0 64.4
119 31.7 25.4 38.0



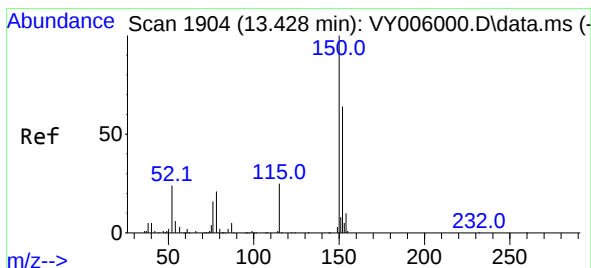
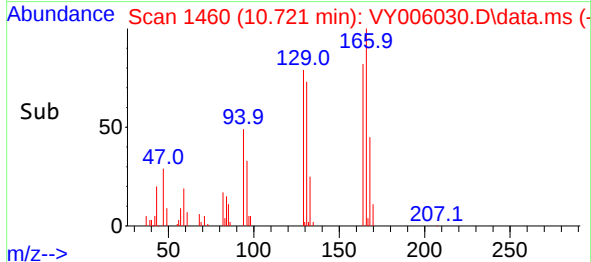
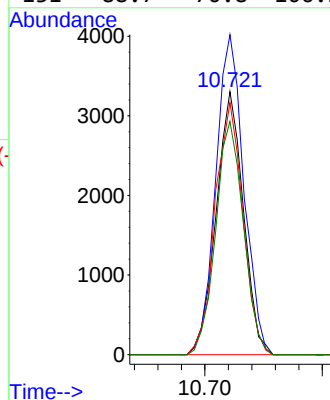
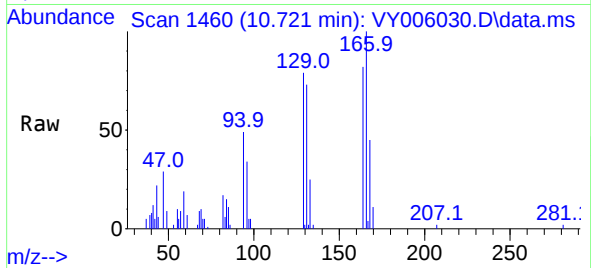


#64
Tetrachloroethene
Concen: 4.742 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(25-27)

Tgt Ion:164 Resp: 5329

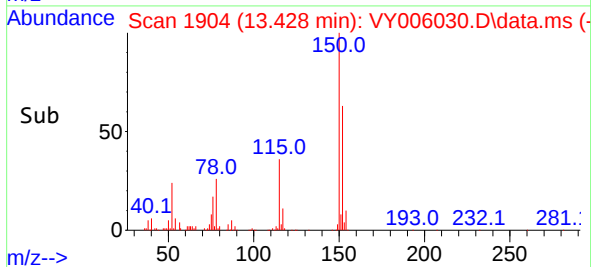
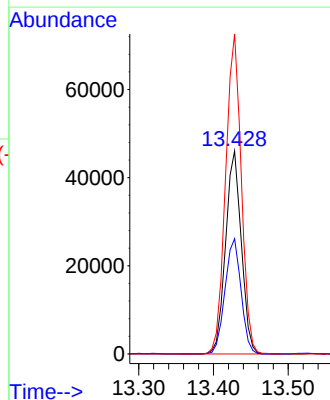
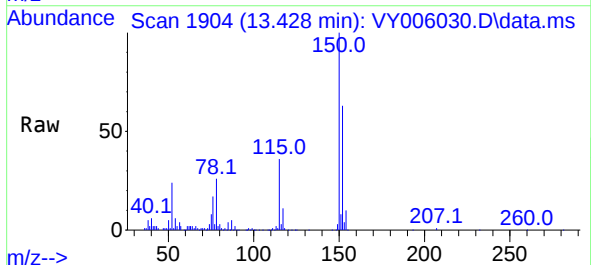
Ion	Ratio	Lower	Upper
164	100		
166	121.6	100.4	150.6
129	95.9	71.4	107.0
131	88.7	70.8	106.2

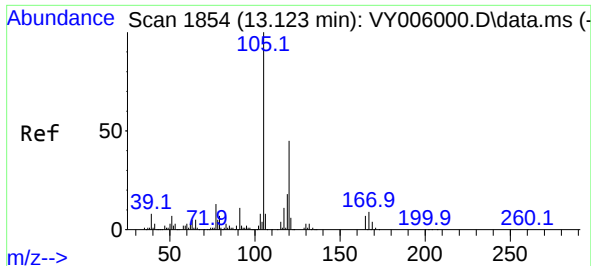


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Tgt Ion:152 Resp: 67497

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.2	84.7
150	156.9	0.0	347.6

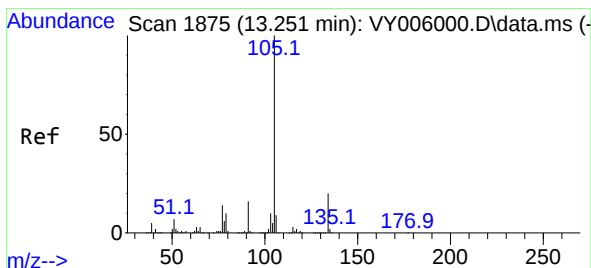
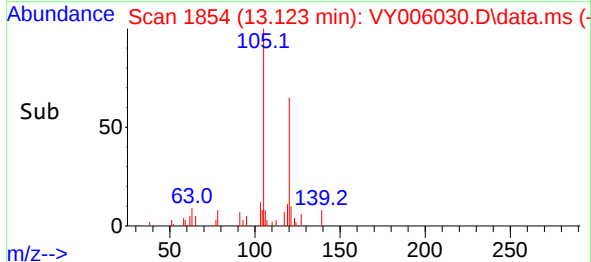
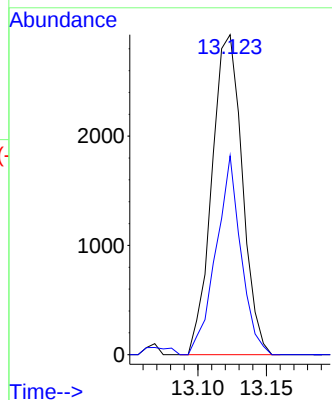
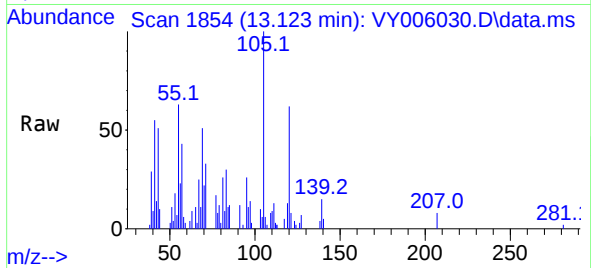




#84
1,2,4-Trimethylbenzene
Concen: 1.038 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(25-27)

Tgt Ion:105 Resp: 4516
Ion Ratio Lower Upper
105 100
120 51.2 22.3 66.9



#85
sec-Butylbenzene
Concen: 1.068 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY006030.D
Acq: 15 Sep 2021 17:36

Tgt Ion:105 Resp: 5994
Ion Ratio Lower Upper
105 100
134 34.0 10.2 30.4#

