

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006054.D
 Acq On : 16 Sep 2021 17:38
 Operator : SY/MD
 Sample : M3750-03
 Misc : 6.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-04-(5-7)

Quant Time: Sep 17 02:46:34 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)

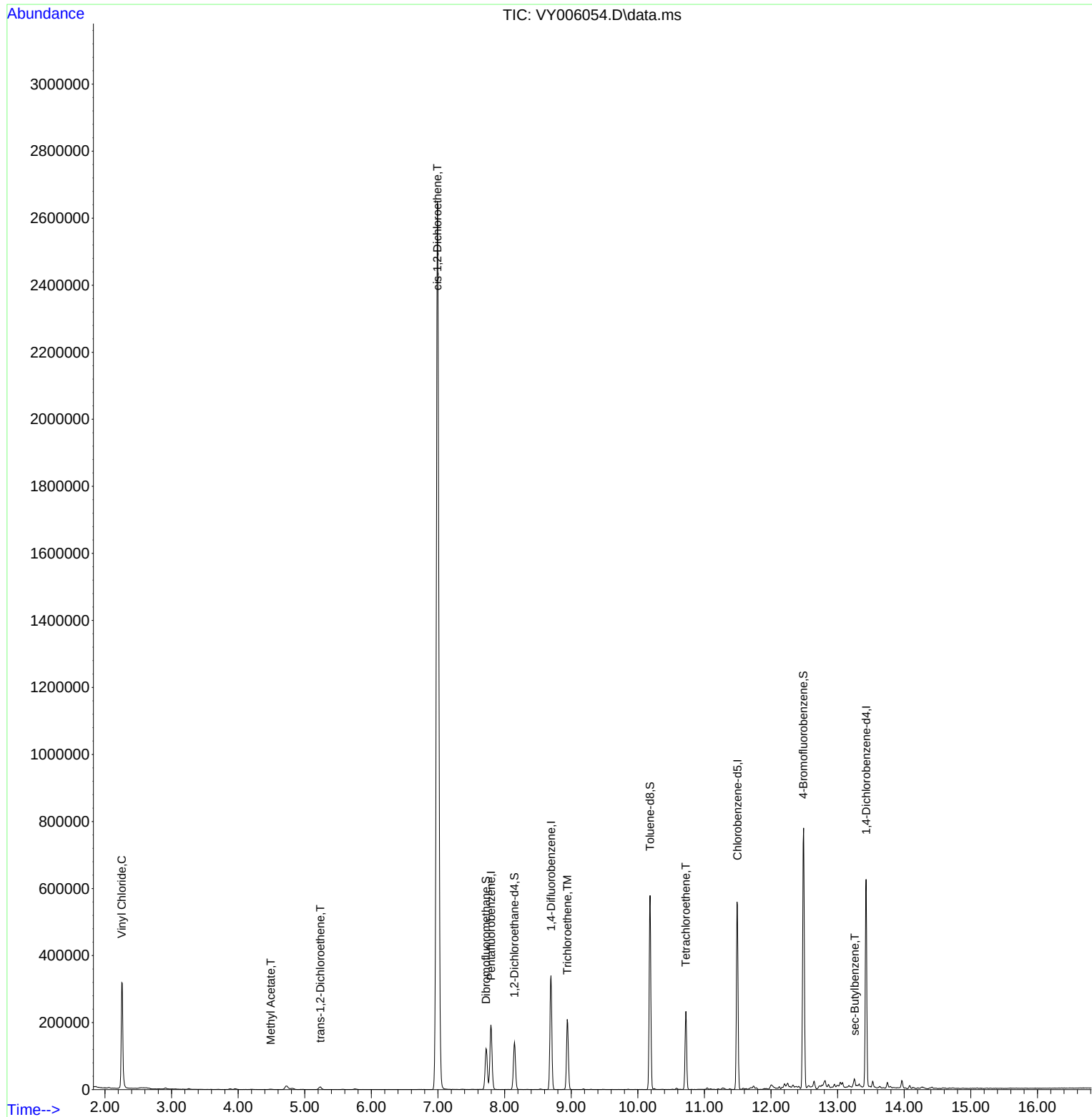
Internal Standards						
1) Pentafluorobenzene	7.795	168	145229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113889	56.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.920%	
35) Dibromofluoromethane	7.722	113	83420	49.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.100%	
50) Toluene-d8	10.185	98	359698	50.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.483	95	145440	59.695	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.380%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	321101	149.070	ug/l	99
18) Methyl Acetate	4.491	43	2121	1.522	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	4548	2.797	ug/l	88
27) cis-1,2-Dichloroethene	6.990	96	1519732	837.752	ug/l	89
44) Trichloroethene	8.941	130	70145	33.549	ug/l	94
64) Tetrachloroethene	10.721	164	47164	19.644	ug/l	91
85) sec-Butylbenzene	13.257	105	13463	1.076	ug/l	84

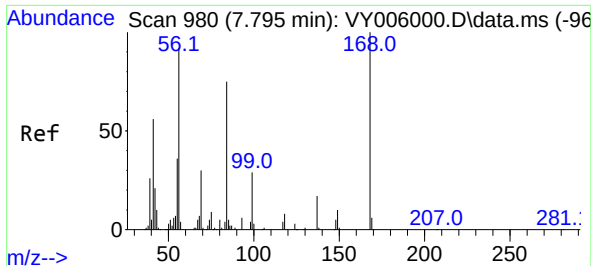
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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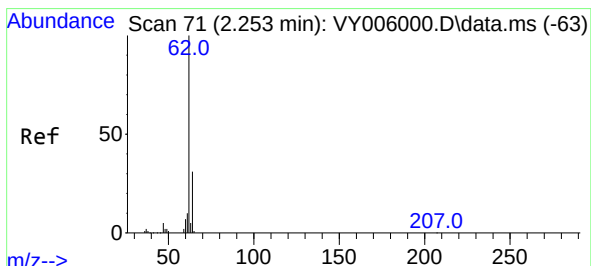
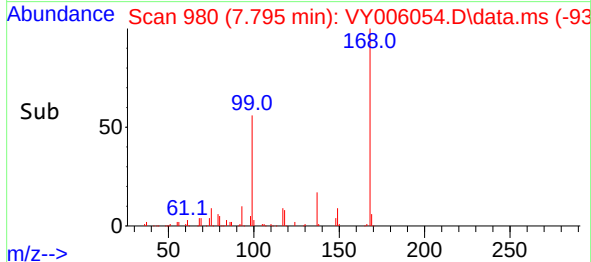
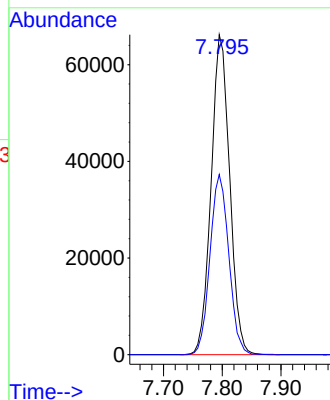
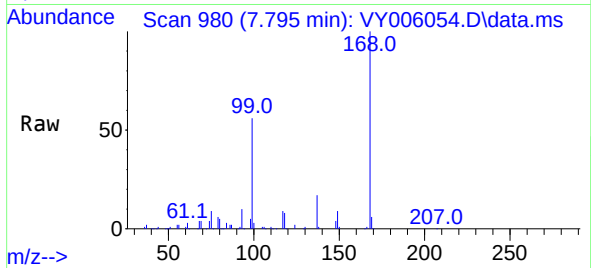




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

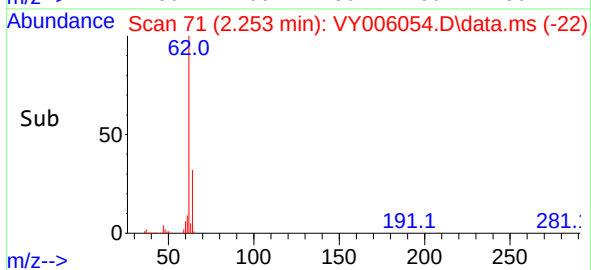
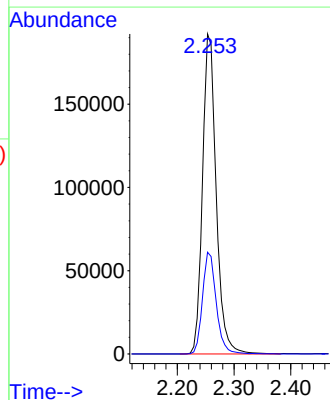
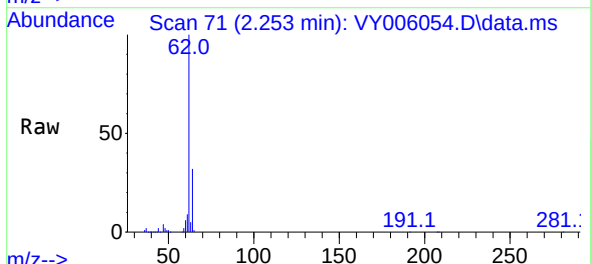
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

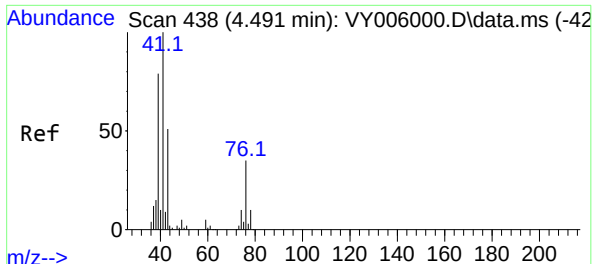
Tgt Ion:168 Resp: 145229
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#4
Vinyl Chloride
Concen: 149.070 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

Tgt Ion: 62 Resp: 321101
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6

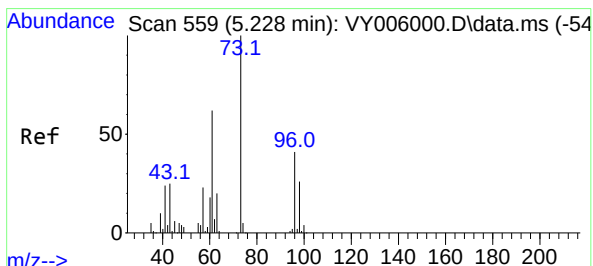
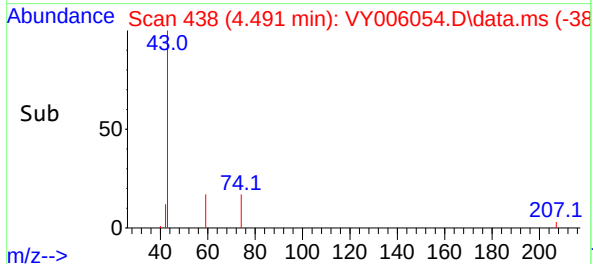
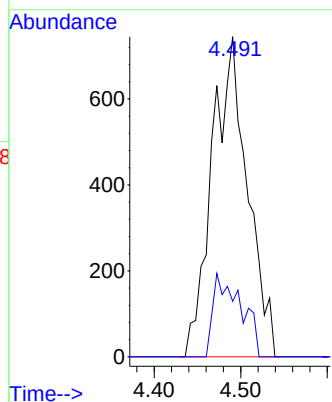
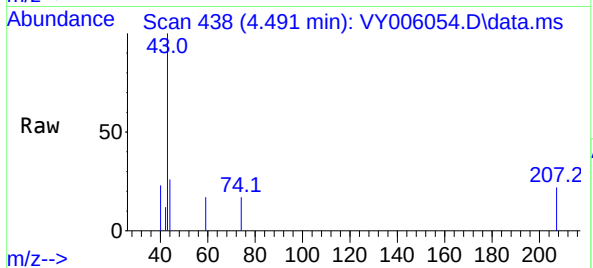




#18
Methyl Acetate
Concen: 1.522 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

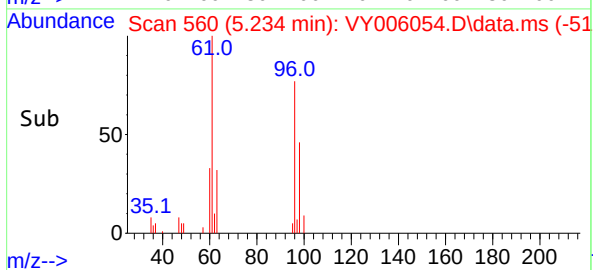
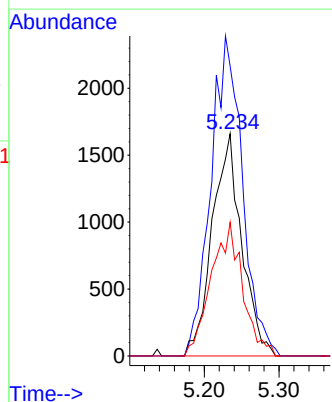
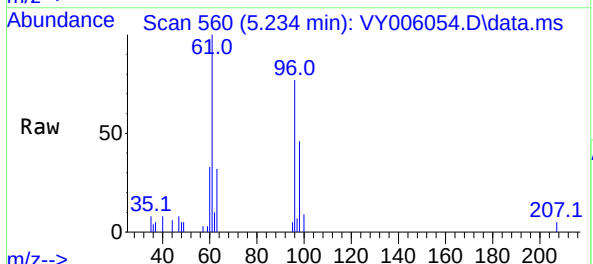
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

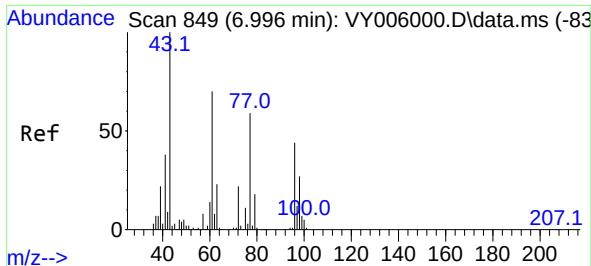
Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
74 20.2 16.6 24.8



#21
trans-1,2-Dichloroethene
Concen: 2.797 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

Tgt Ion: 96 Resp: 4548
Ion Ratio Lower Upper
96 100
61 130.5 120.5 180.7
98 60.1 49.8 74.8



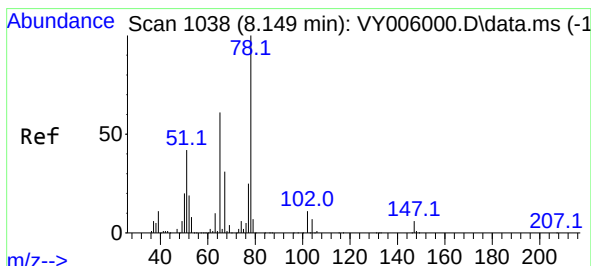
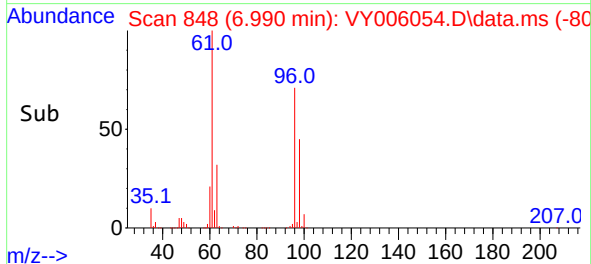
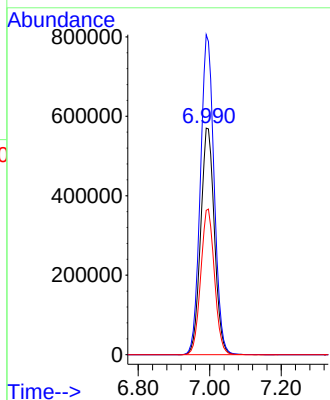
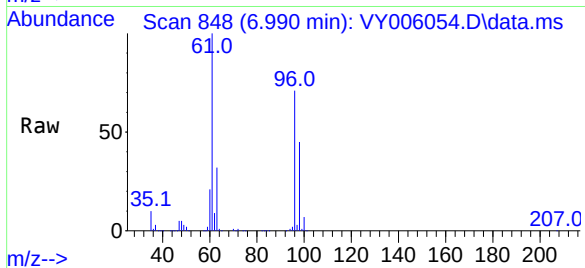


#27
 cis-1,2-Dichloroethene
 Concen: 837.752 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY006054.D
 Acq: 16 Sep 2021 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-04-(5-7)

Tgt Ion: 96 Resp: 1519732

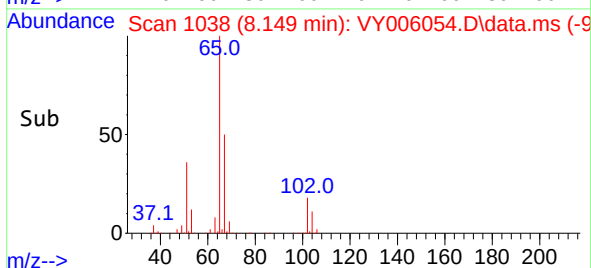
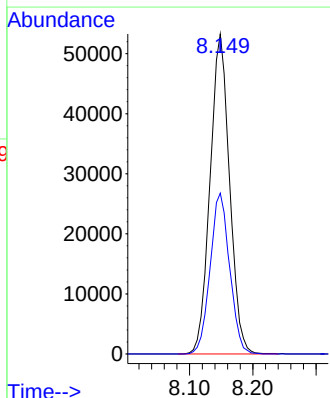
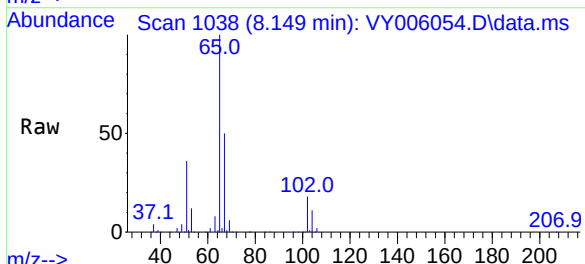
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	319.8
98	64.2	0.0	127.0

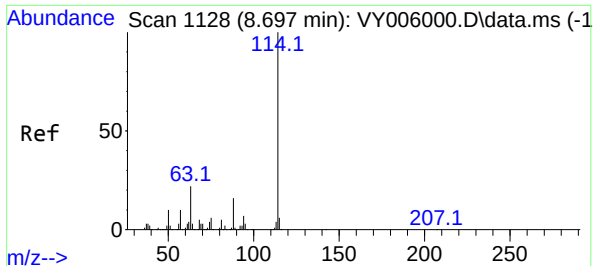


#33
 1,2-Dichloroethane-d4
 Concen: 56.456 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006054.D
 Acq: 16 Sep 2021 17:38

Tgt Ion: 65 Resp: 113889

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	99.4

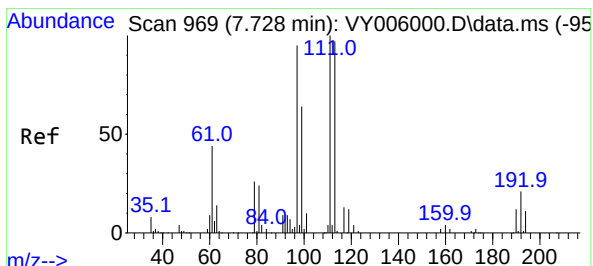
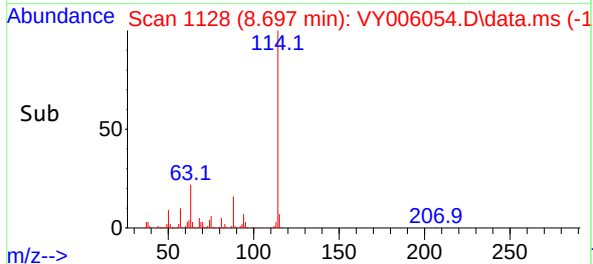
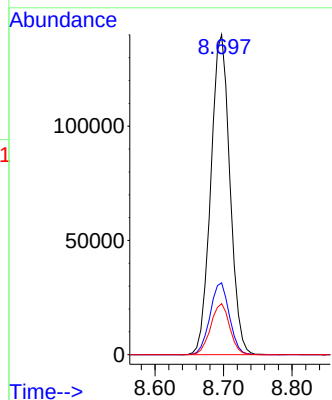
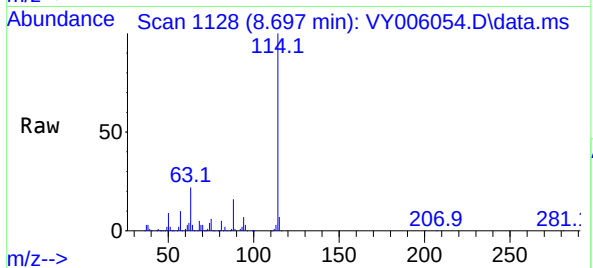




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

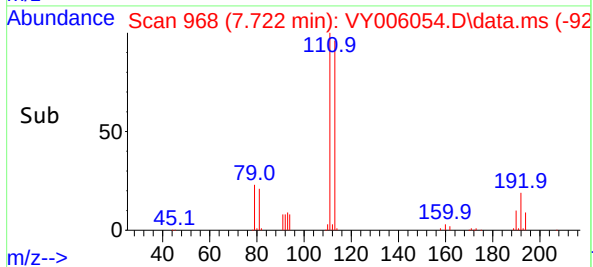
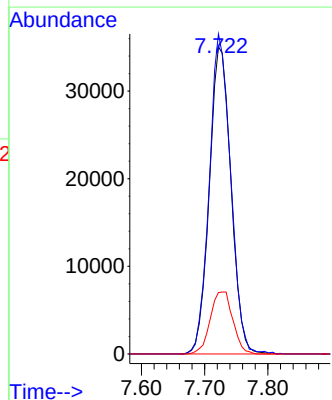
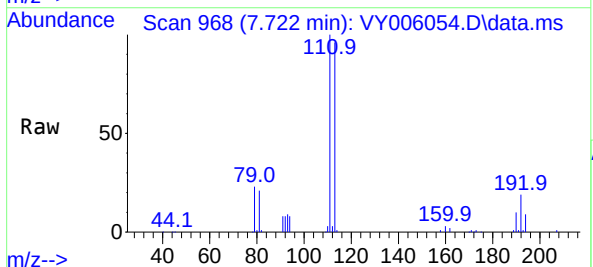
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

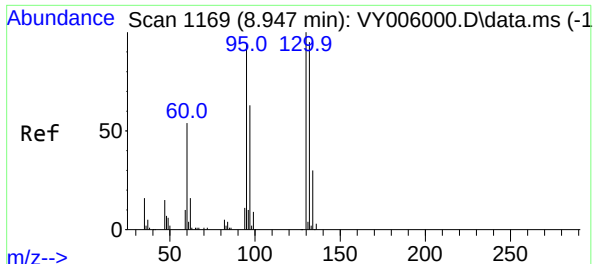
Tgt Ion:	114	Resp:	271078
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.2
88	16.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 49.545 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

Tgt Ion:	113	Resp:	83420
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	21.0	17.6	26.4



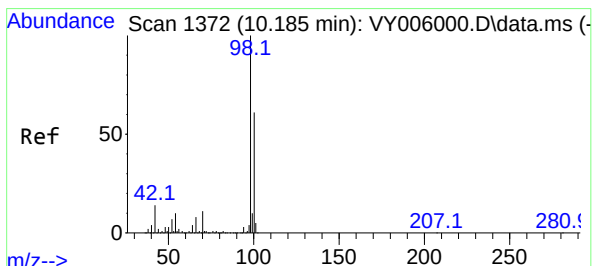
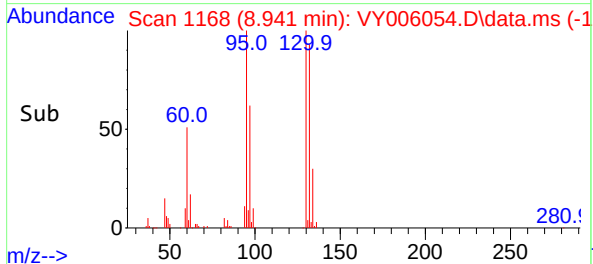
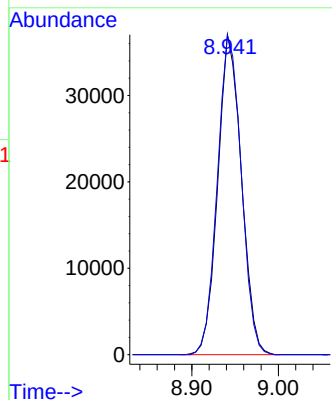
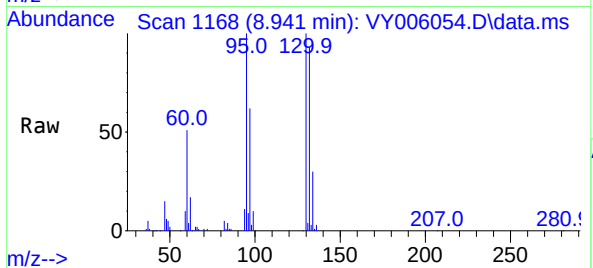


#44

Trichloroethene
Concen: 33.549 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

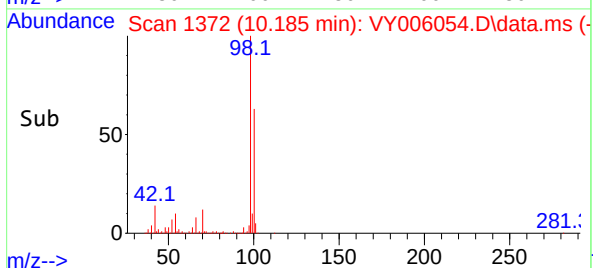
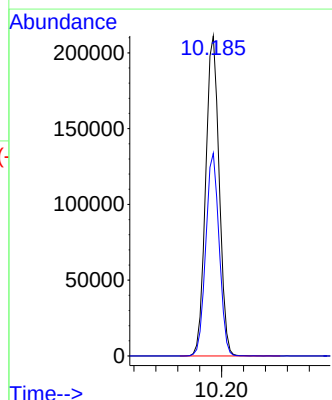
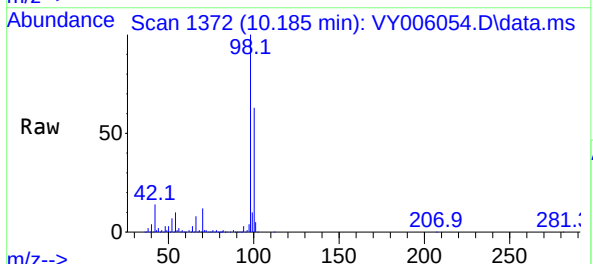
Tgt Ion:130 Resp: 70145
Ion Ratio Lower Upper
130 100
95 99.9 0.0 188.2

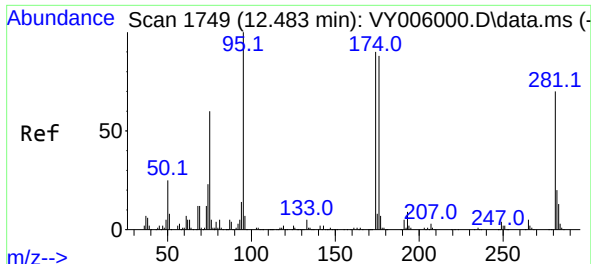


#50

Toluene-d8
Concen: 50.125 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

Tgt Ion: 98 Resp: 359698
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2

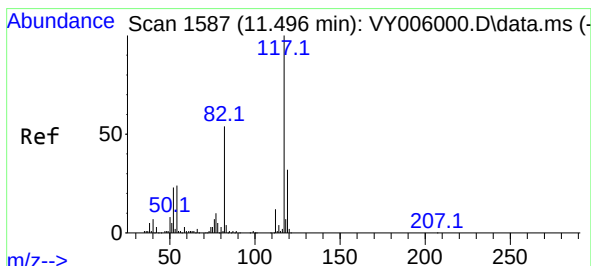
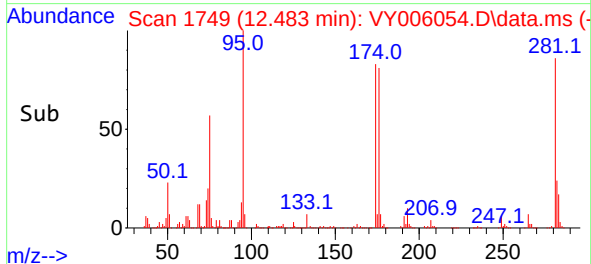
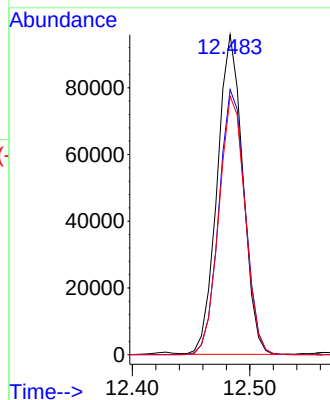
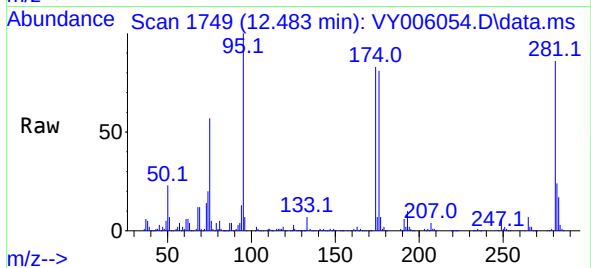




#62
4-Bromofluorobenzene
Concen: 59.695 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

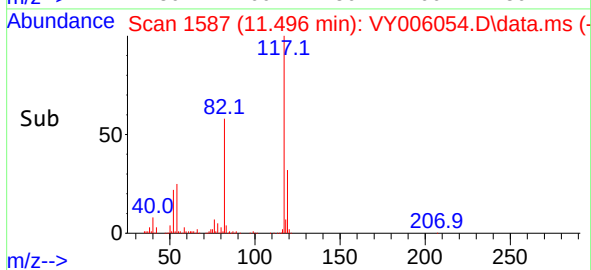
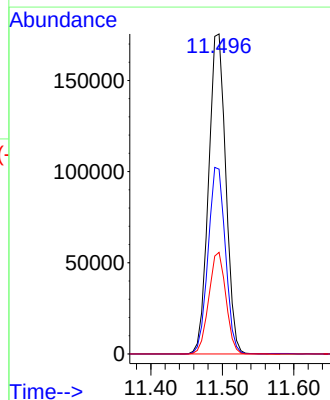
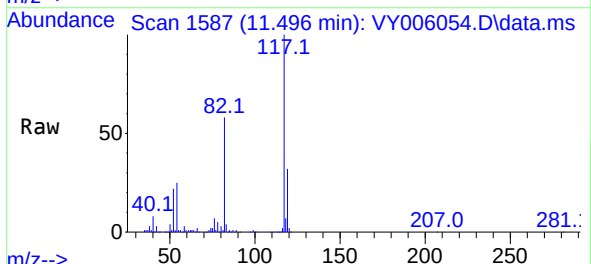
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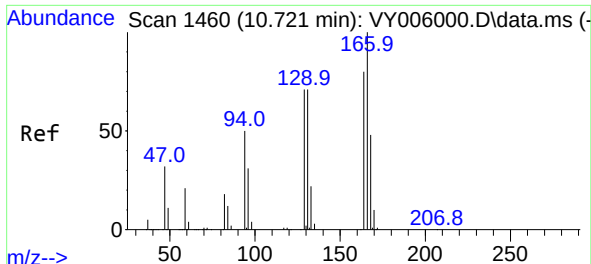
Tgt Ion: 95 Resp: 145440
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

Tgt Ion: 117 Resp: 293552
Ion Ratio Lower Upper
117 100
82 57.8 43.0 64.4
119 31.7 25.4 38.0



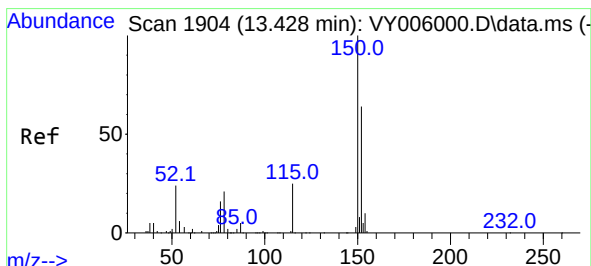
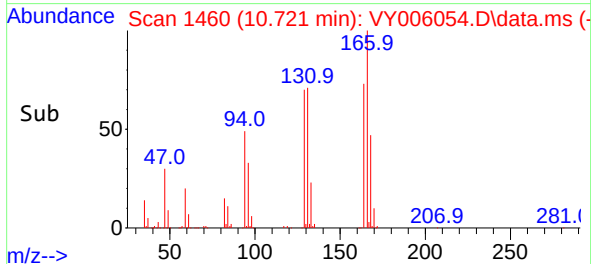
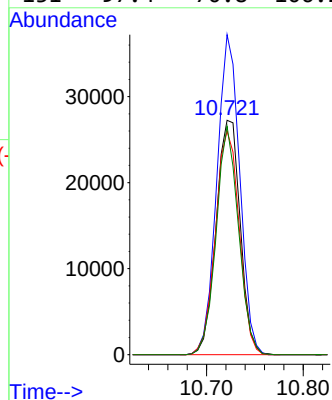
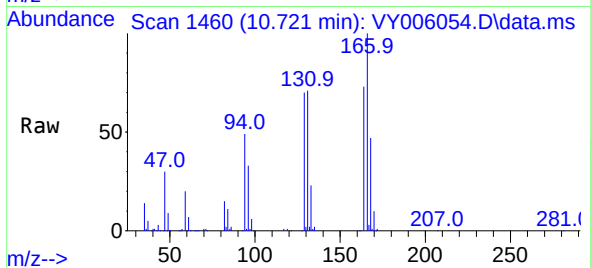


#64
Tetrachloroethene
Concen: 19.644 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

Tgt Ion:164 Resp: 47164

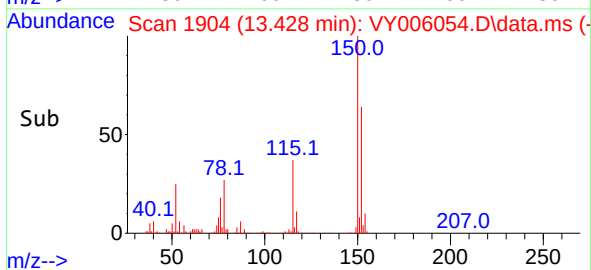
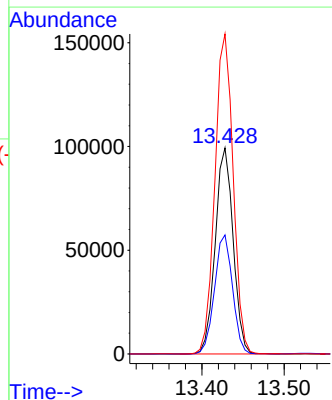
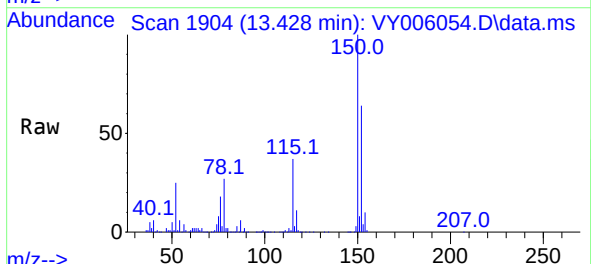
Ion	Ratio	Lower	Upper
164	100		
166	136.5	100.4	150.6
129	95.3	71.4	107.0
131	97.4	70.8	106.2

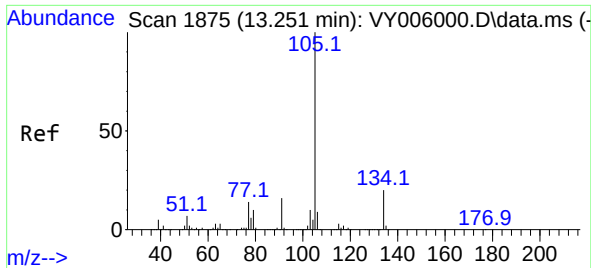


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

Tgt Ion:152 Resp: 150448

Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.7
150	158.3	0.0	347.6





#85
 sec-Butylbenzene
 Concen: 1.076 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY006054.D
 Acq: 16 Sep 2021 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-04-(5-7)

Tgt Ion:105 Resp: 13463
 Ion Ratio Lower Upper
 105 100
 134 27.6 10.2 30.4

