

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)

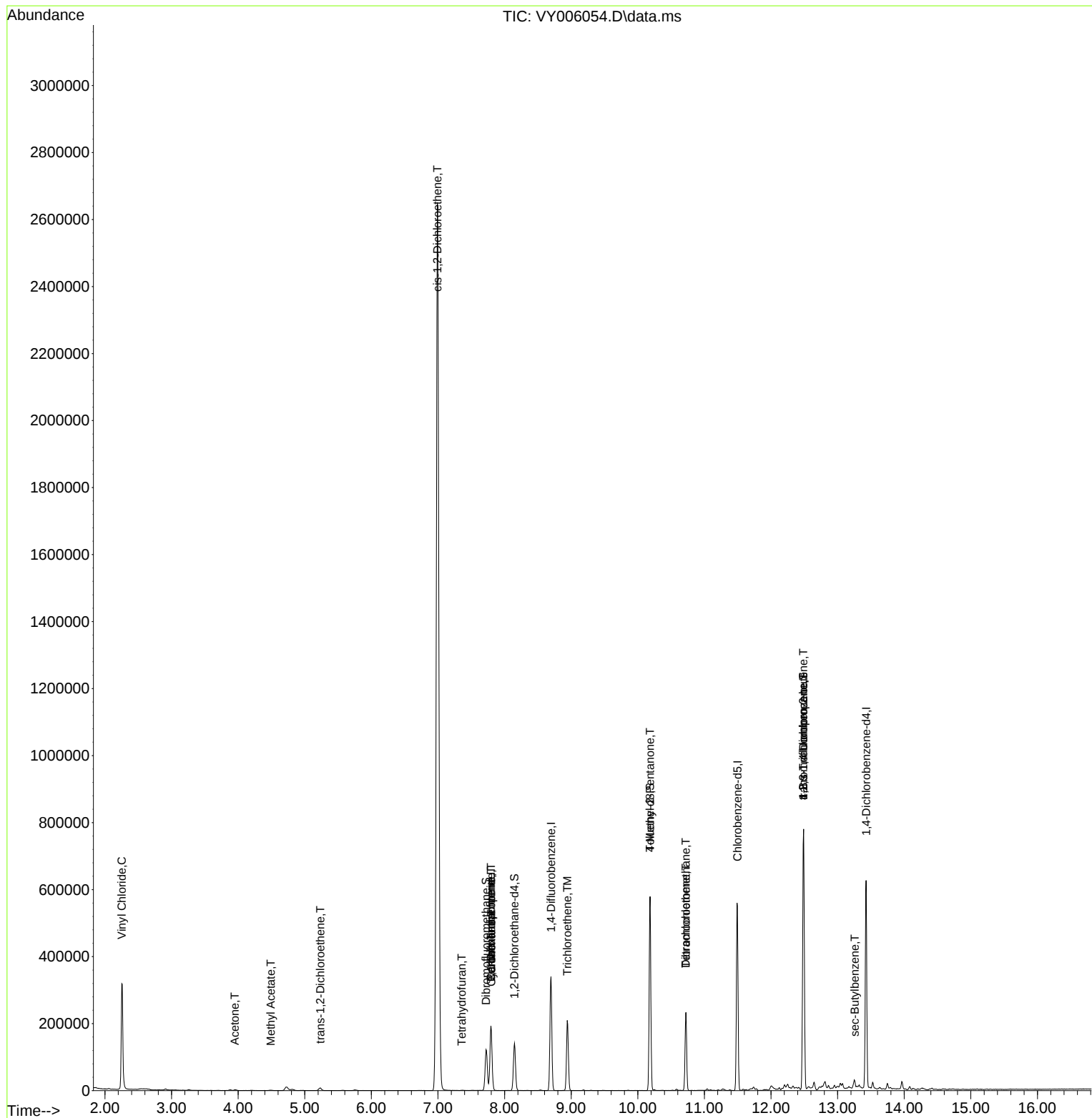
Internal Standards						
1) Pentafluorobenzene	7.795	168	145229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
11) Tert butyl alcohol	4.972	59	620	Below Cal	#	77
16) Acetone	3.948	43	4382	7.920	ug/l #	86
18) Methyl Acetate	4.491	43	2121	1.522	ug/l	99
20) Methylene Chloride	4.728	84	7516	Below Cal		93
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
29) Tetrahydrofuran	7.356	42	554	1.156	ug/l #	81
31) Cyclohexane	7.801	56	3694	1.143	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	12334	4.216	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14508	4.555	ug/l #	15
44) Trichloroethene	8.941	130	70145	33.549	ug/l	94
51) 4-Methyl-2-Pentanone	10.185	43	2088	1.040	ug/l #	1
60) Dibromochloromethane	10.721	129	43245	22.721	ug/l #	11
64) Tetrachloroethene	10.721	164	47164	19.644	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	84443	52.643	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84443	96.785	ug/l #	8
85) sec-Butylbenzene	13.257	105	13463	1.076	ug/l	84

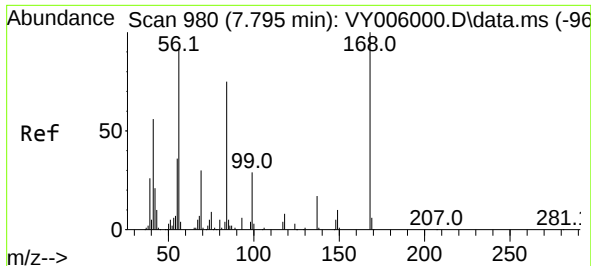
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

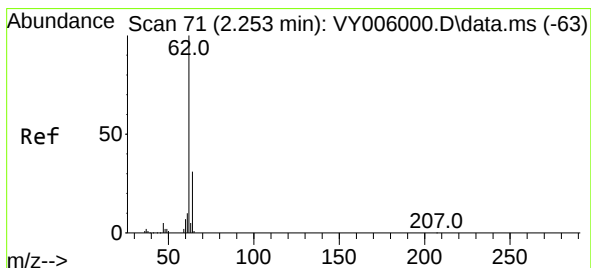
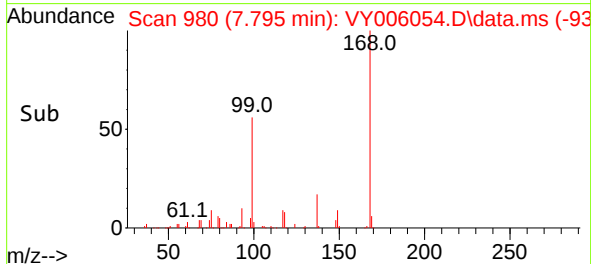
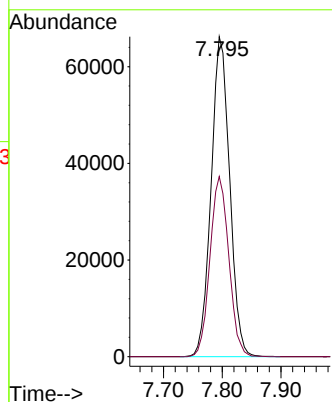
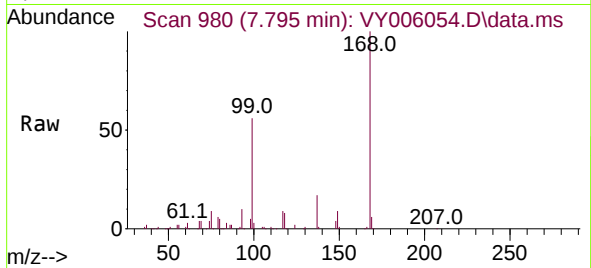




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

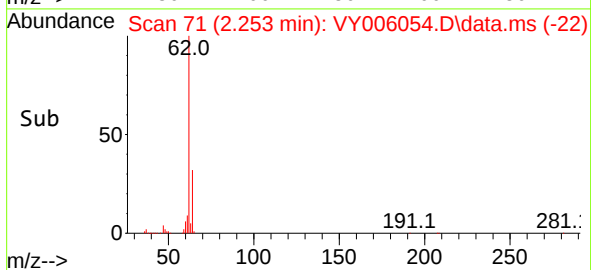
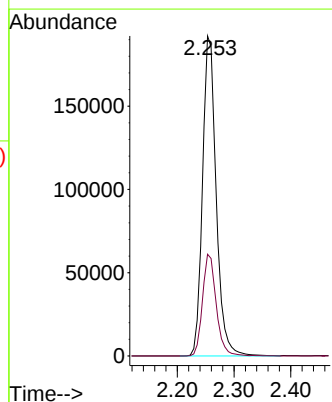
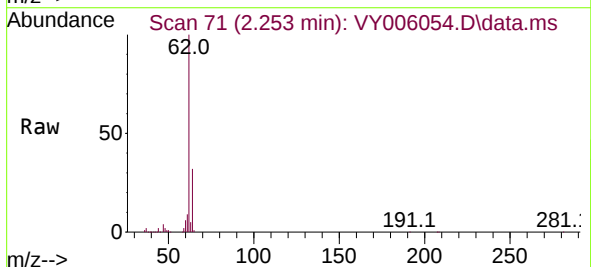
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

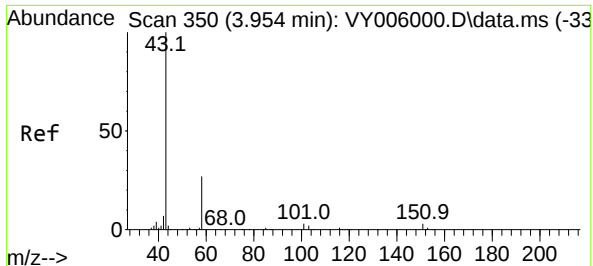
Tgt Ion:168 Resp: 145229
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#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

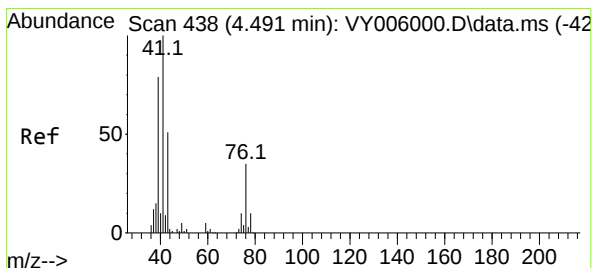
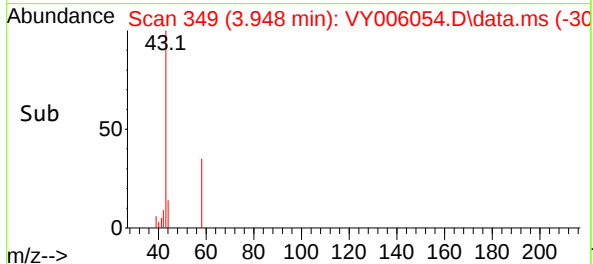
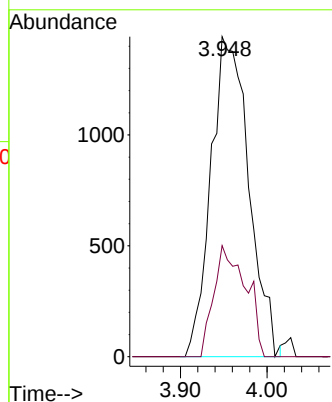
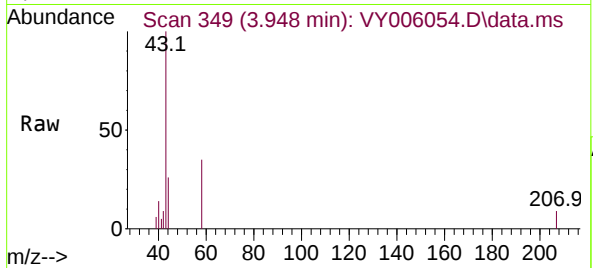




#16
Acetone
Concen: 7.920 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

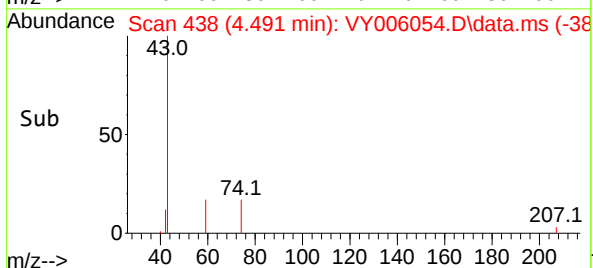
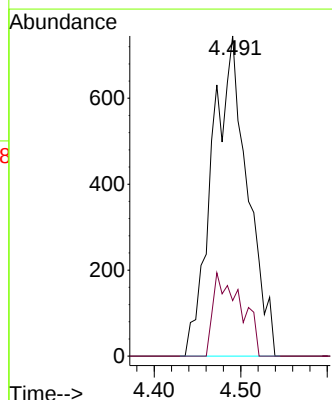
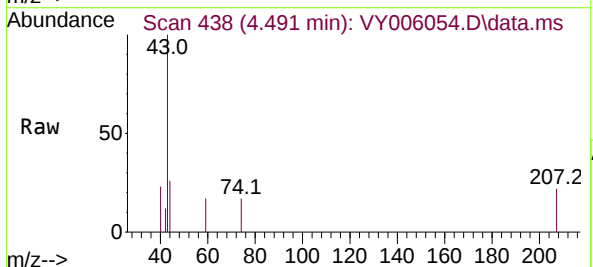
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

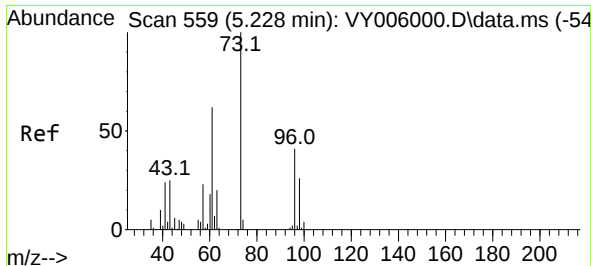
Tgt Ion: 43 Resp: 4382
Ion Ratio Lower Upper
43 100
58 34.7 22.0 33.0#



#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

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

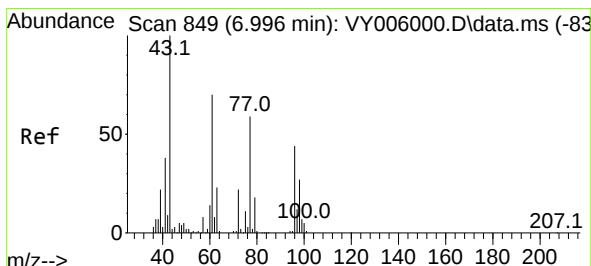
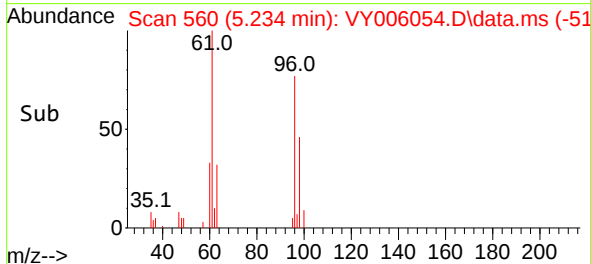
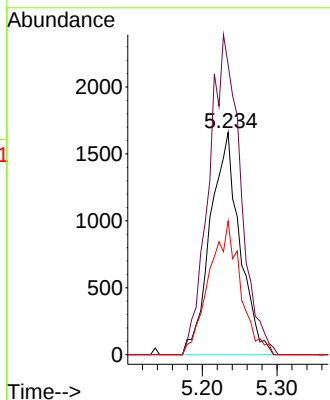
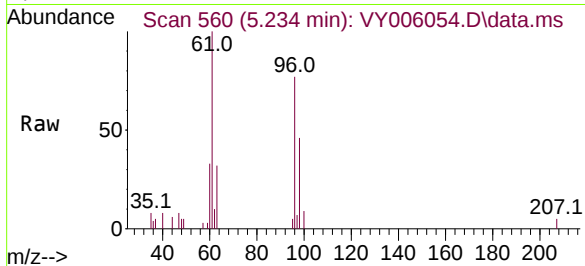




#21
trans-1,2-Dichloroethene
Concen: 2.797 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

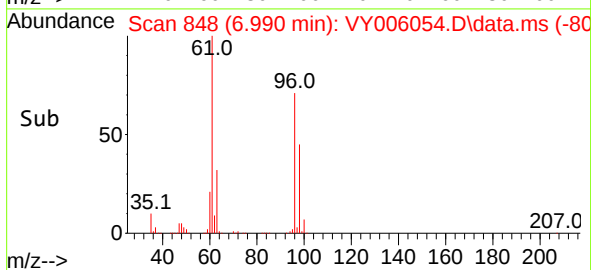
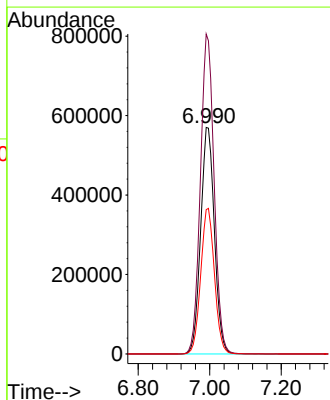
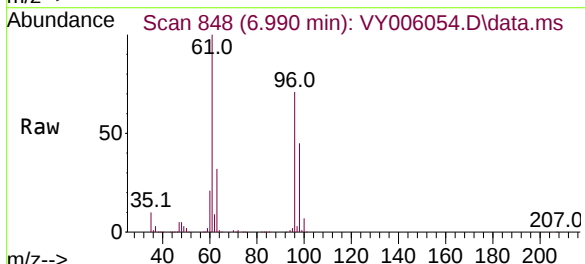
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

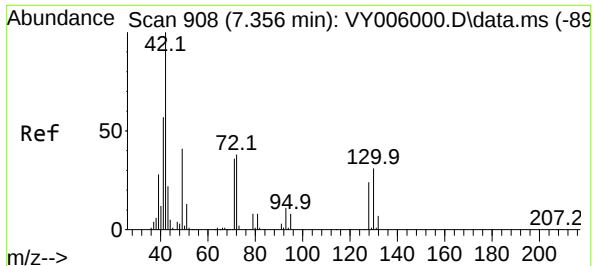
Tgt Ion: 96 Resp: 4548
Ion Ratio Lower Upper
96 100
61 130.5 120.5 180.7
98 60.1 49.8 74.8



#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

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





#29

Tetrahydrofuran

Concen: 1.156 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY006054.D

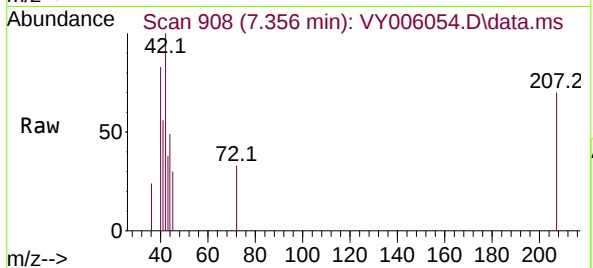
Acq: 16 Sep 2021 17:38

Instrument :

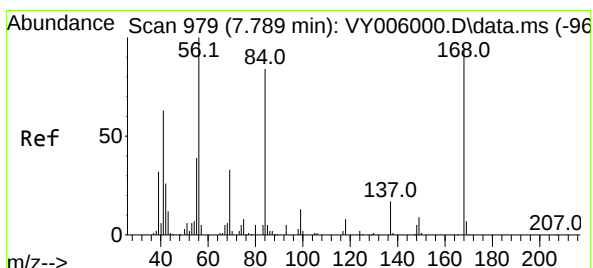
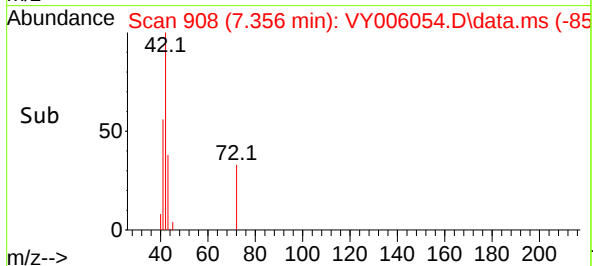
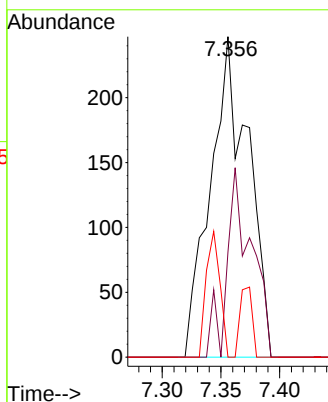
MSVOA_Y

ClientSampleId :

NAPL-AREA-04-(5-7)



Tgt Ion:	42	Resp:	554
Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.3	45.5
71	14.3	29.0	43.4#



#31

Cyclohexane

Concen: 1.143 ug/l

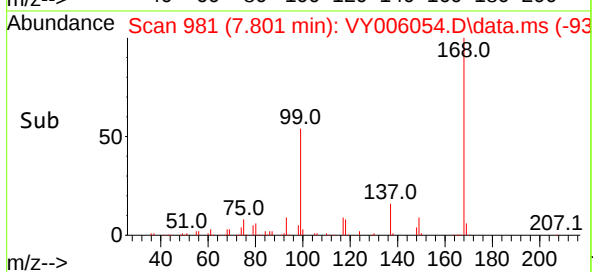
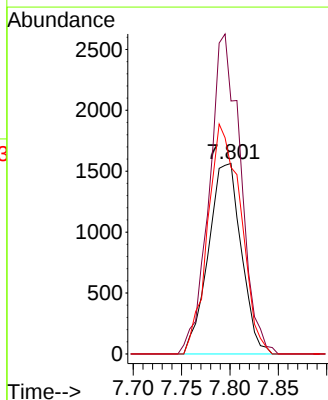
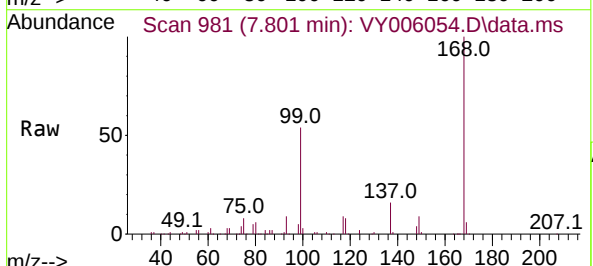
RT: 7.801 min Scan# 981

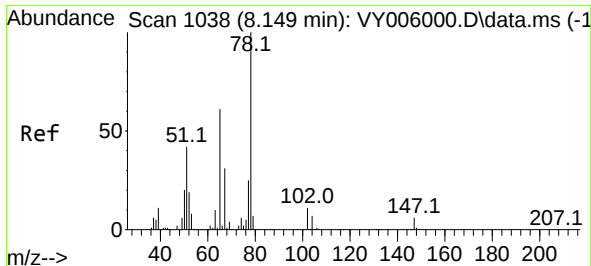
Delta R.T. 0.012 min

Lab File: VY006054.D

Acq: 16 Sep 2021 17:38

Tgt Ion:	56	Resp:	3694
Ion	Ratio	Lower	Upper
56	100		
69	132.7	26.7	40.1#
84	104.7	67.2	100.8#

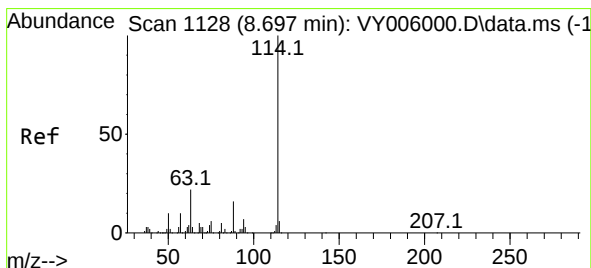
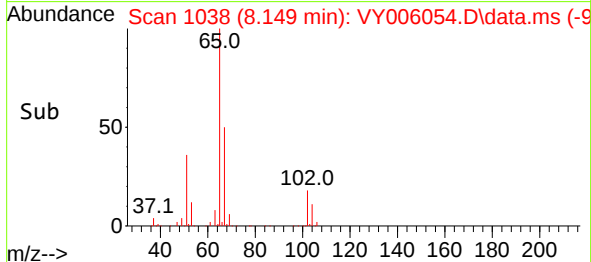
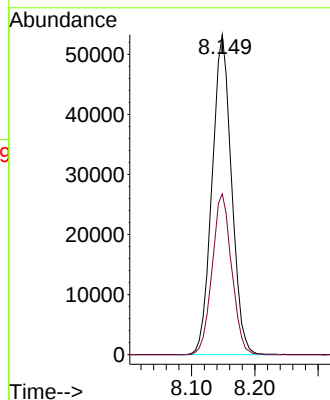
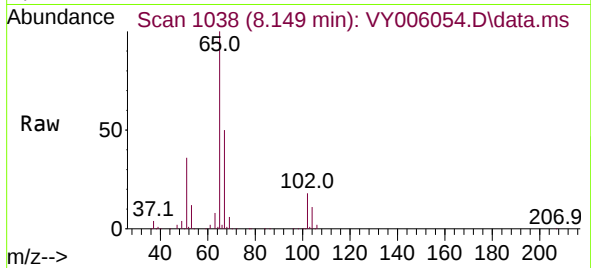




#33
 1,2-Dichloroethane-d4
 Concen: 56.456 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006054.D
 Acq: 16 Sep 2021 17:38

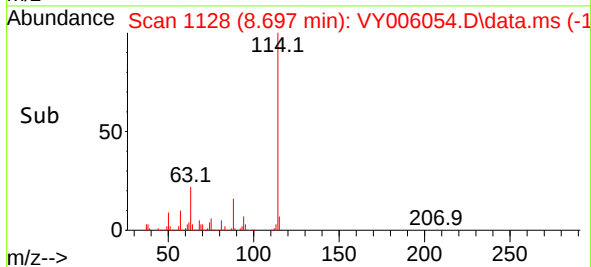
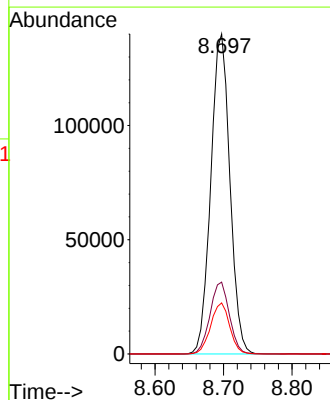
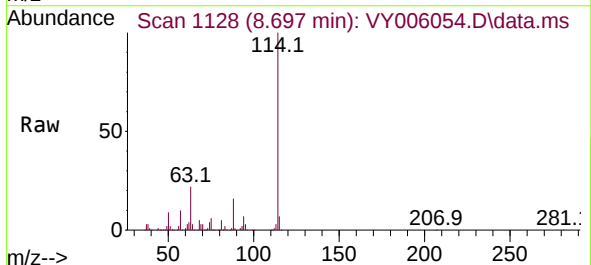
Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-04-(5-7)

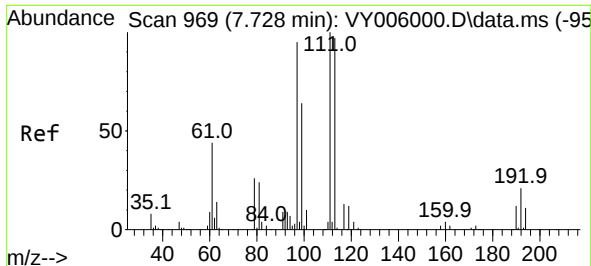
Tgt Ion: 65 Resp: 113889
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.4



#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

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

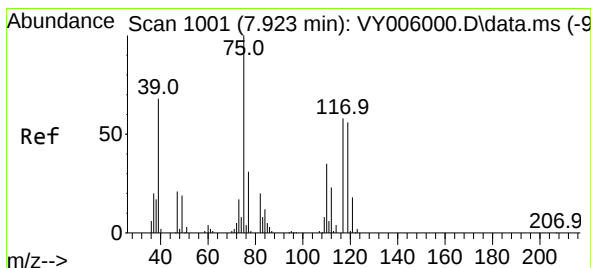
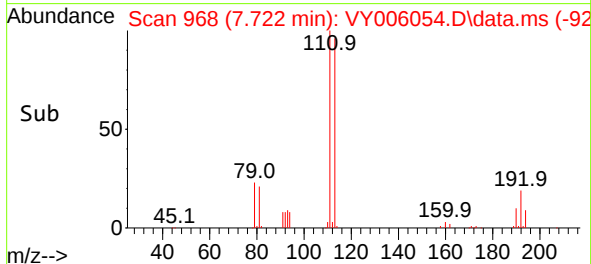
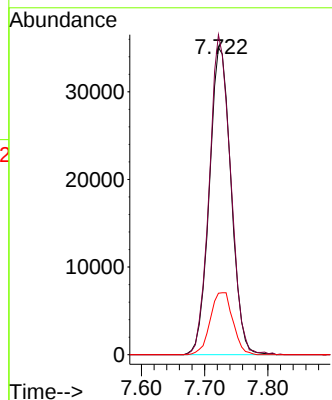
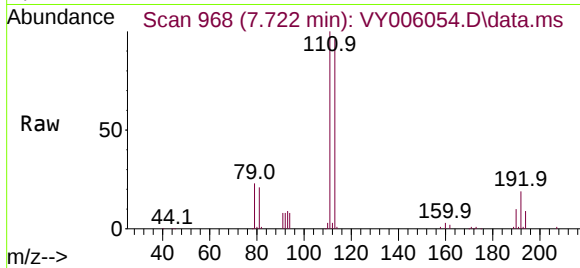




#35
Dibromofluoromethane
Concen: 49.545 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

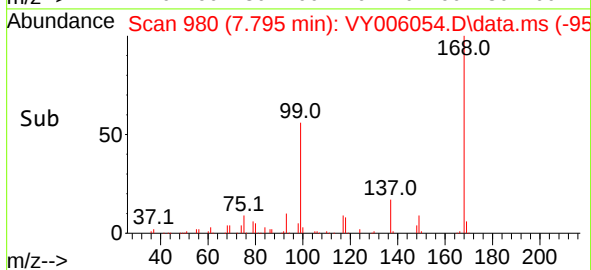
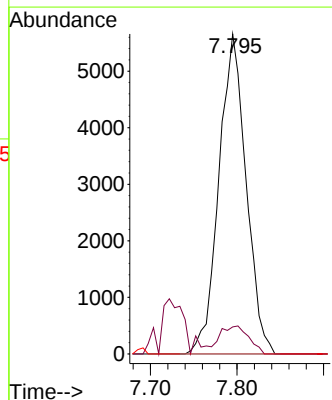
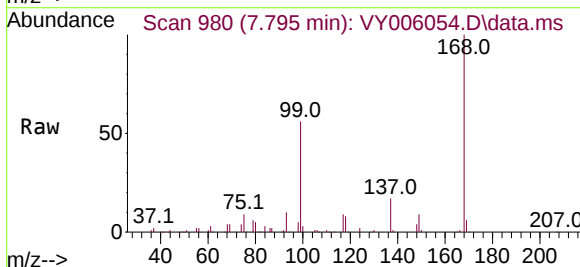
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

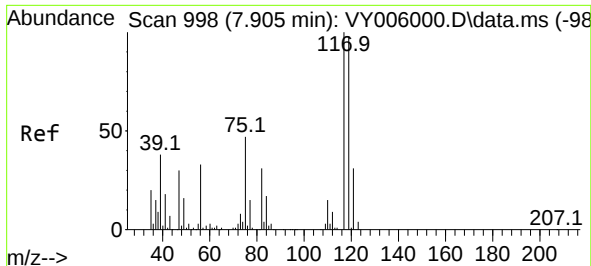
Tgt Ion:113 Resp: 83420
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.216 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

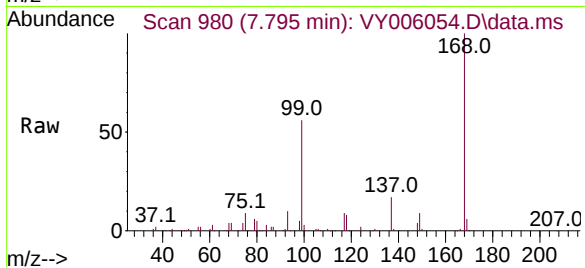
Tgt Ion: 75 Resp: 12334
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



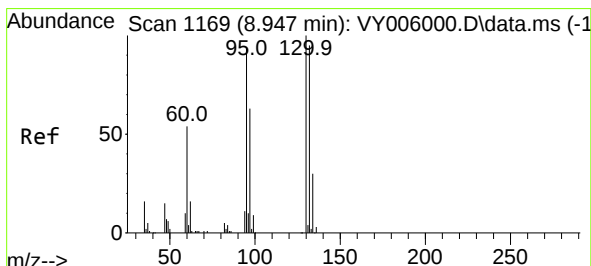
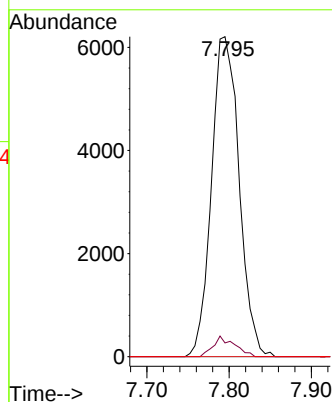
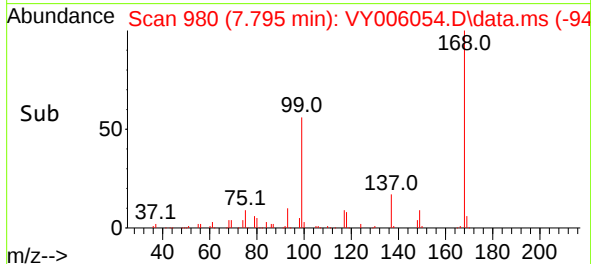


#38
Carbon Tetrachloride
Concen: 4.555 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

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

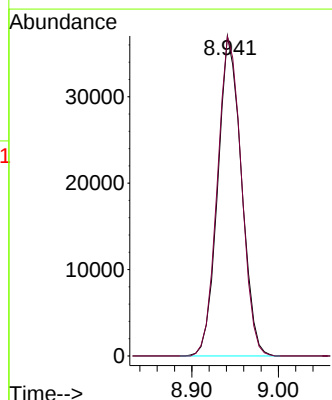
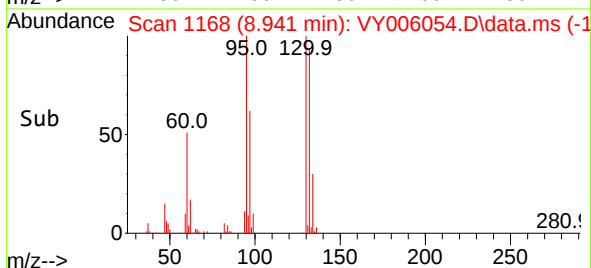
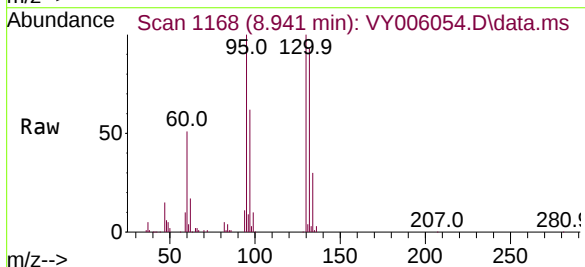


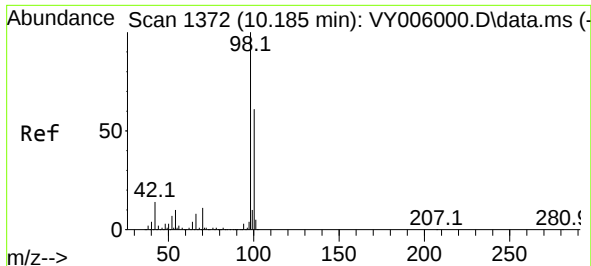
Tgt Ion:117 Resp: 14508
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#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

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

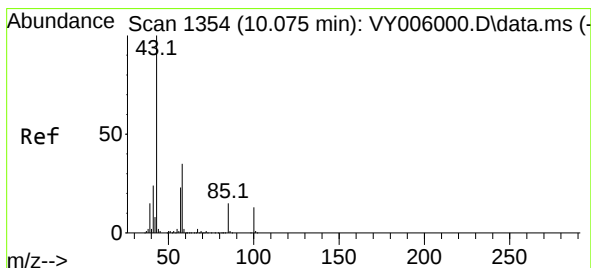
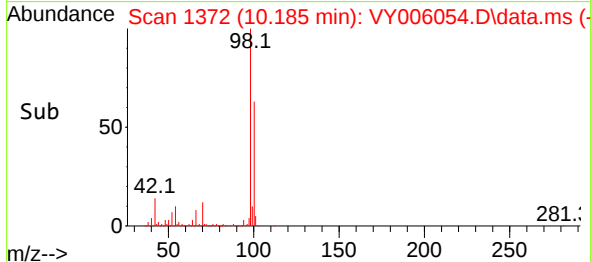
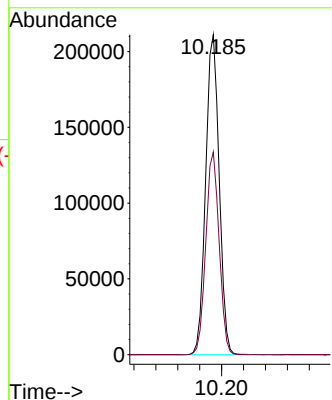
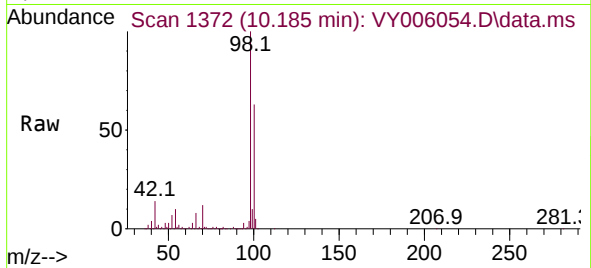




#50
Toluene-d8
Concen: 50.125 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

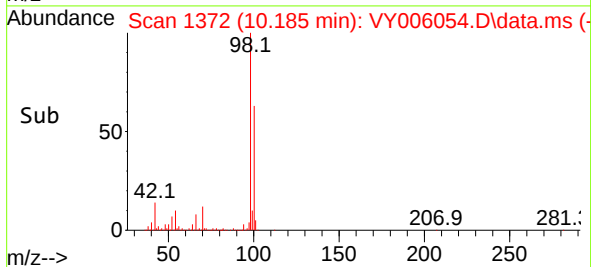
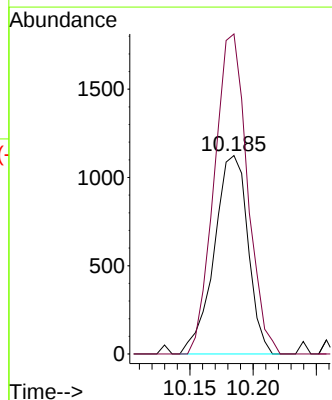
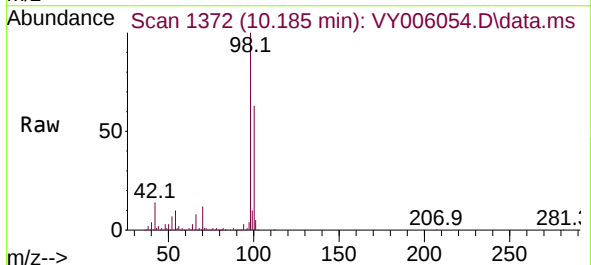
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

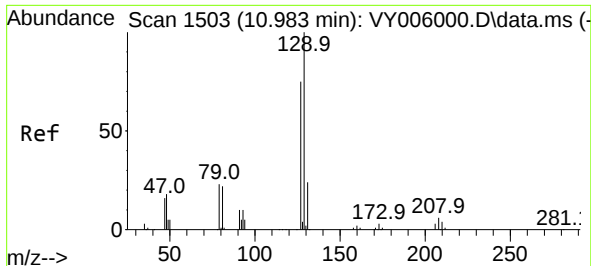
Tgt Ion: 98 Resp: 359698
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.040 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

Tgt Ion: 43 Resp: 2088
Ion Ratio Lower Upper
43 100
58 158.0 28.1 42.1#

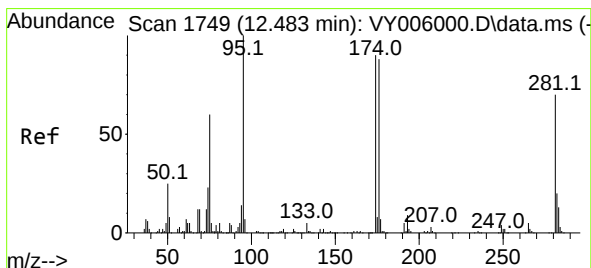
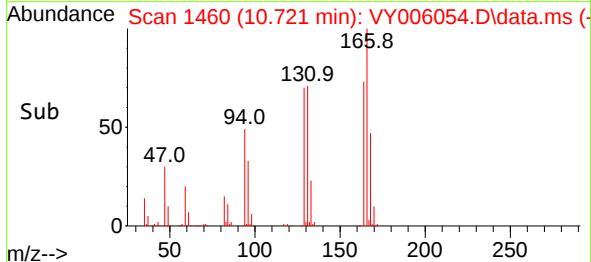
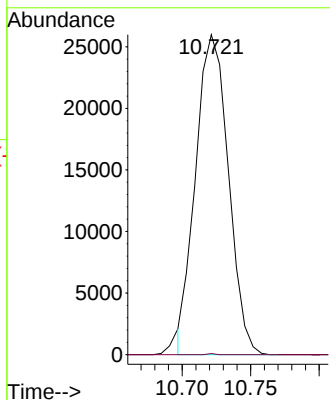
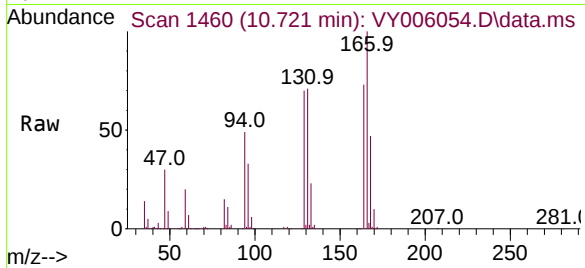




#60
Dibromochloromethane
Concen: 22.721 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

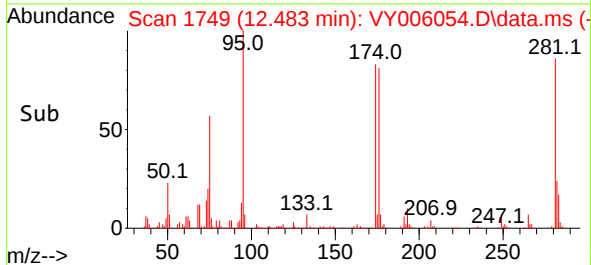
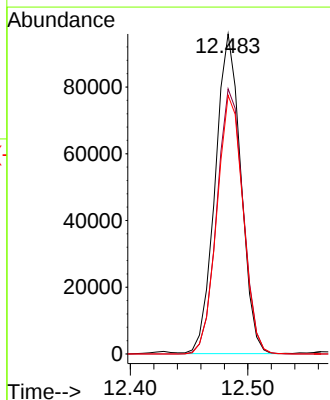
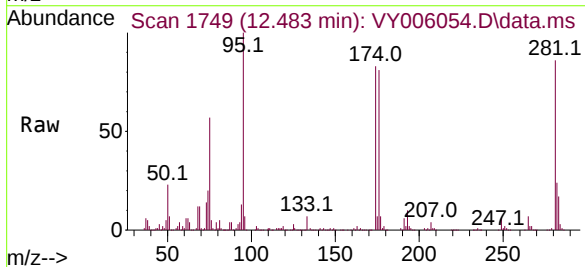
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

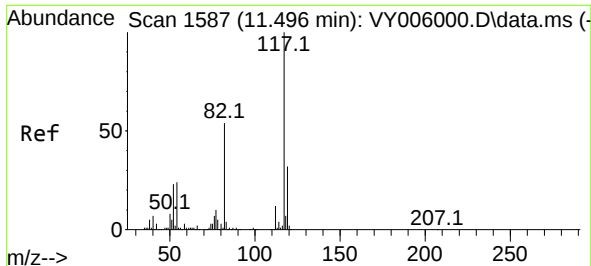
Tgt Ion:129 Resp: 43245
Ion Ratio Lower Upper
129 100
127 0.1 38.7 116.1#



#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

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

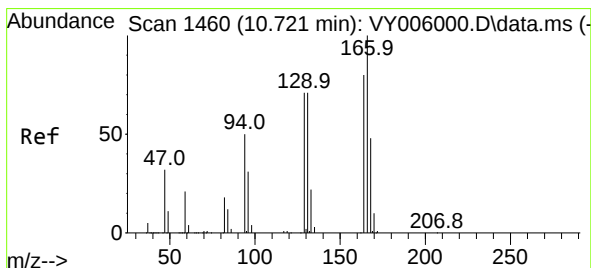
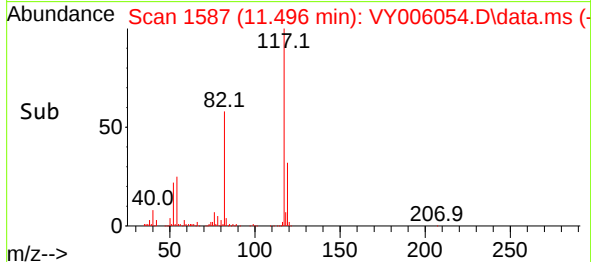
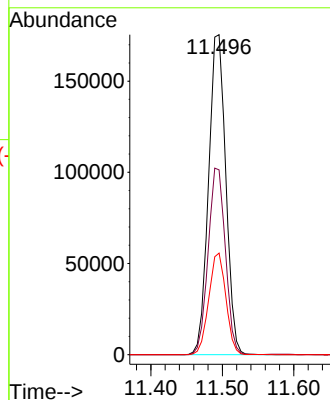
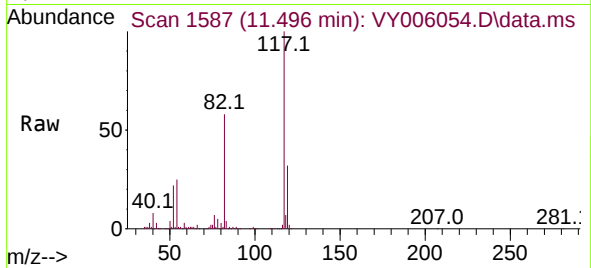




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

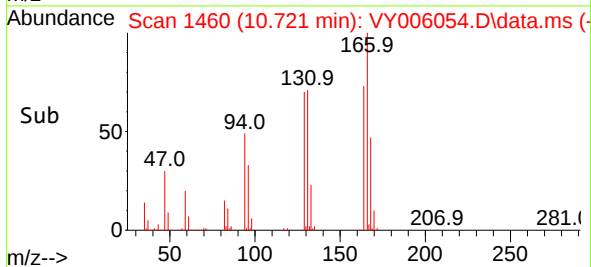
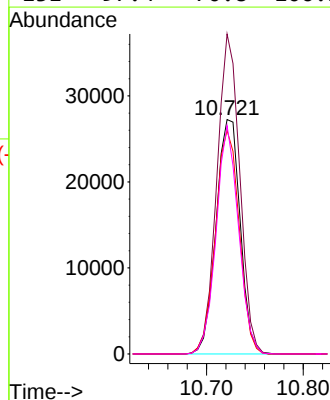
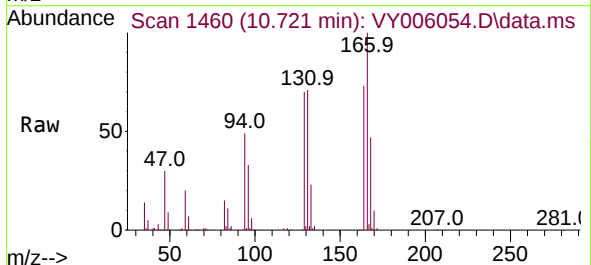
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-04-(5-7)

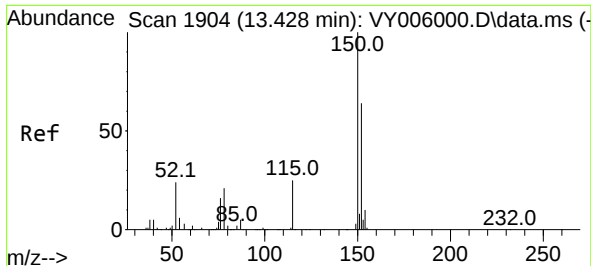
Tgt Ion:	117	Resp:	293552
Ion Ratio	Lower	Upper	
117	100		
82	57.8	43.0	64.4
119	31.7	25.4	38.0



#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

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

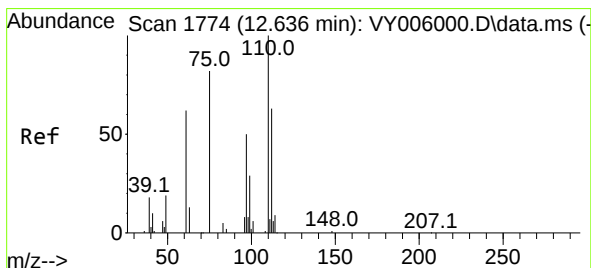
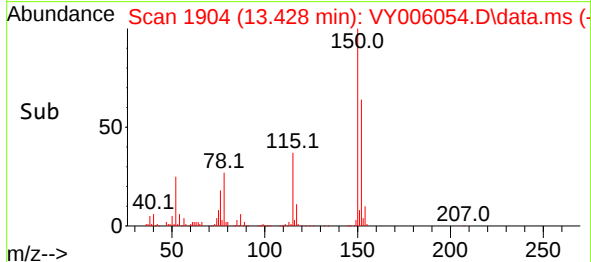
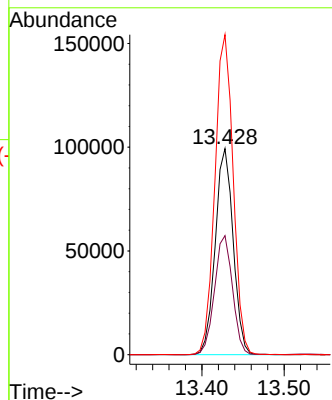
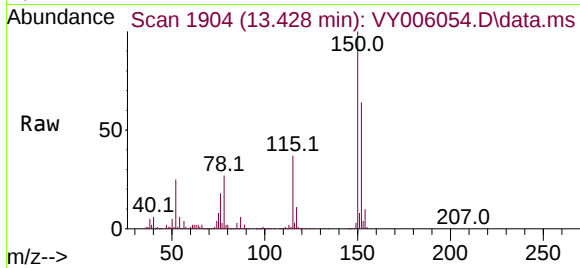




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006054.D
 Acq: 16 Sep 2021 17:38

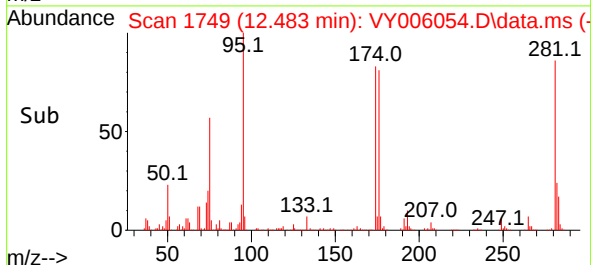
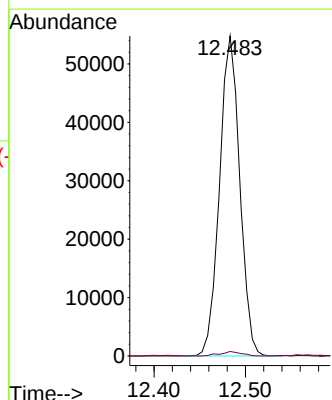
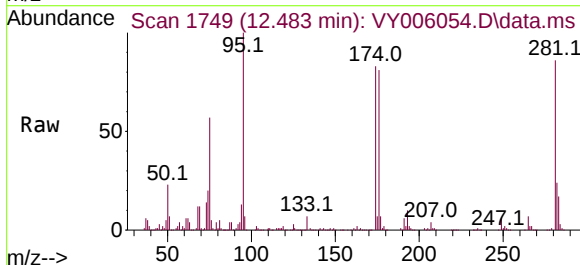
Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-04-(5-7)

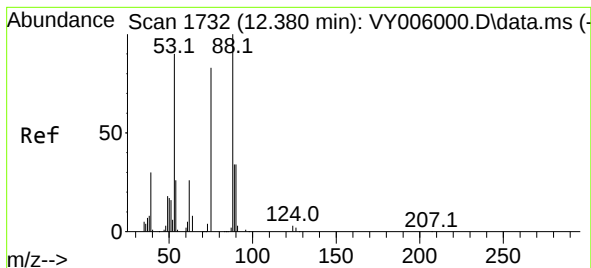
Tgt Ion:152 Resp: 150448
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 158.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 52.643 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006054.D
 Acq: 16 Sep 2021 17:38

Tgt Ion: 75 Resp: 84443
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

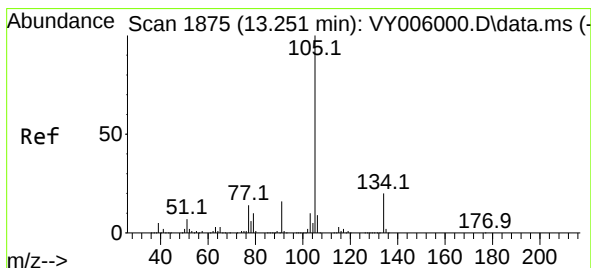
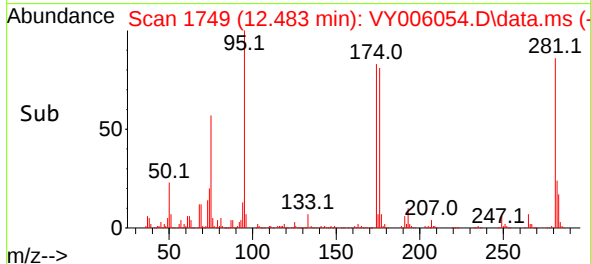
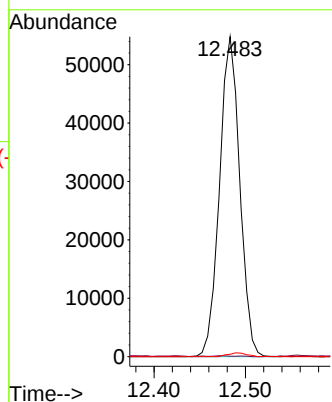
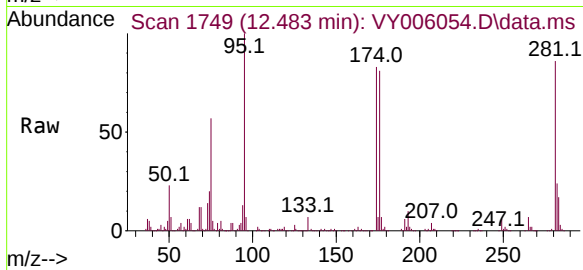




#81
trans-1,4-Dichloro-2-butene
Concen: 96.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006054.D
Acq: 16 Sep 2021 17:38

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

Tgt Ion: 75 Resp: 84443
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 1.1 37.0 55.4#



#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

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

