

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006046.D
 Acq On : 16 Sep 2021 14:34
 Operator : SY/MD
 Sample : M3733-07
 Misc : 6.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-02-(5-8)

Quant Time: Sep 17 02:45:08 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)

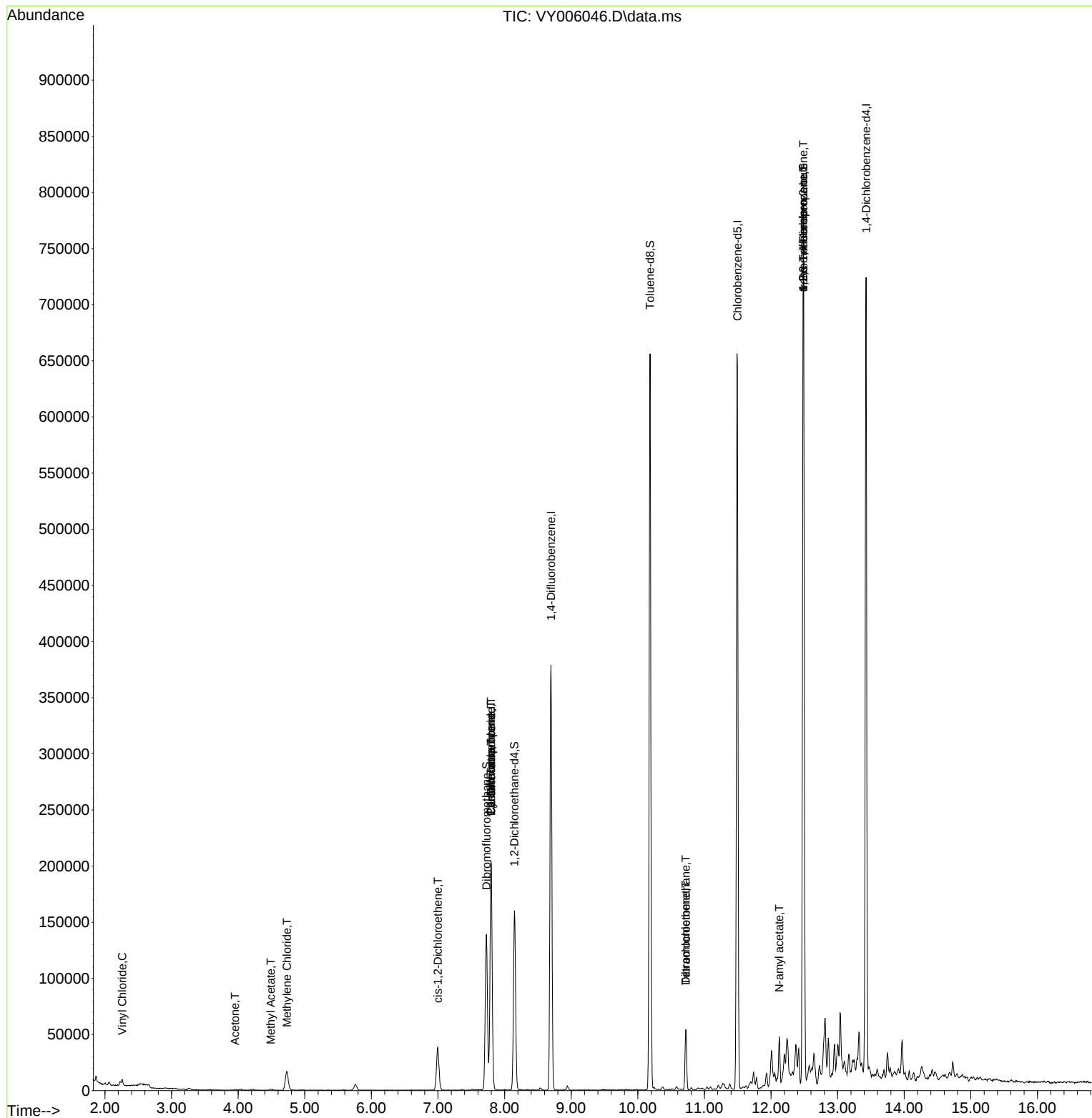
Internal Standards						
1) Pentafluorobenzene	7.795	168	156066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	332067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128288	59.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.360%	
35) Dibromofluoromethane	7.728	113	95279	50.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.200%	
50) Toluene-d8	10.185	98	401404	50.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	12.483	95	168705	61.921	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.840%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.259	62	3529	1.525	ug/l	94
11) Tert butyl alcohol	4.960	59	177	Below Cal	#	77
16) Acetone	3.954	43	1180	1.985	ug/l	95
18) Methyl Acetate	4.491	43	1910	1.275	ug/l #	56
20) Methylene Chloride	4.735	84	11949	1.976	ug/l	91
27) cis-1,2-Dichloroethene	6.996	96	21824	11.195	ug/l	90
31) Cyclohexane	7.795	56	3829	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12733	3.892	ug/l #	51
38) Carbon Tetrachloride	7.795	117	15441	4.335	ug/l #	14
60) Dibromochloromethane	10.721	129	9928	4.664	ug/l #	11
64) Tetrachloroethene	10.721	164	10839	3.991	ug/l	95
74) N-amyl acetate	12.124	43	9791	2.106	ug/l #	65
76) 1,2,3-Trichloropropane	12.483	75	97529	53.208	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	97529	97.824	ug/l #	8

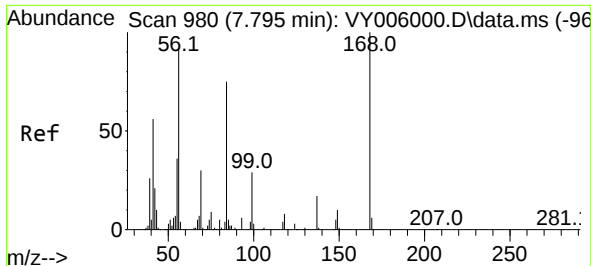
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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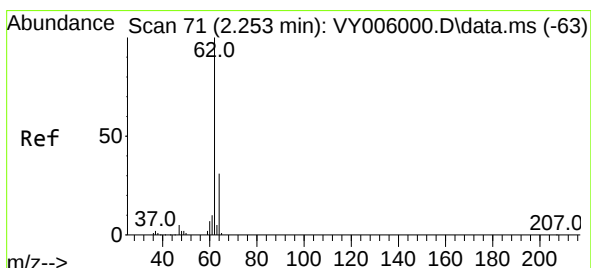
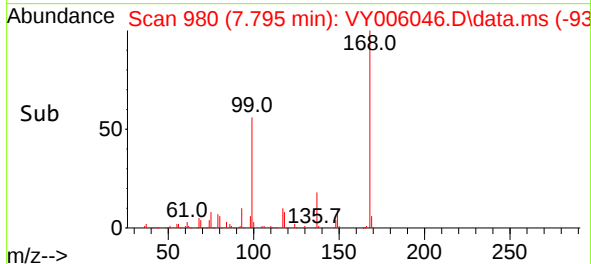
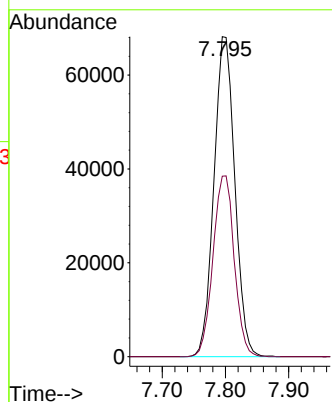
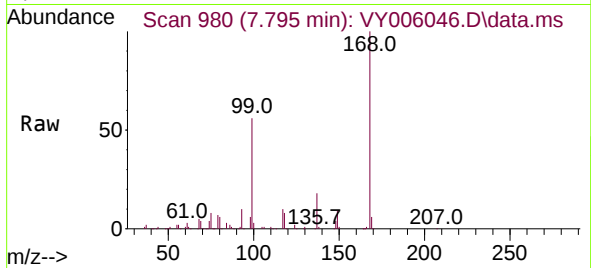




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

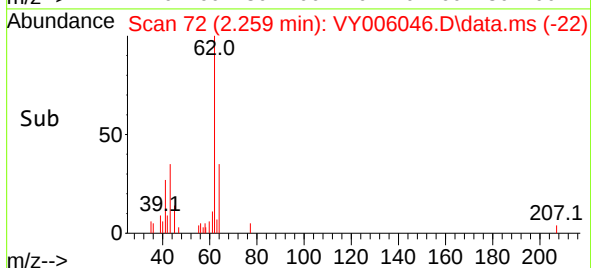
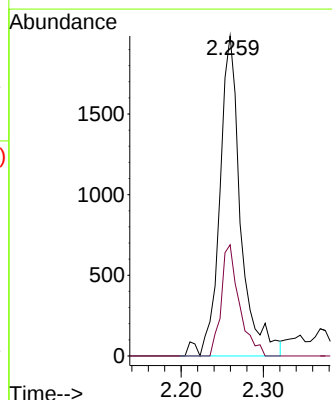
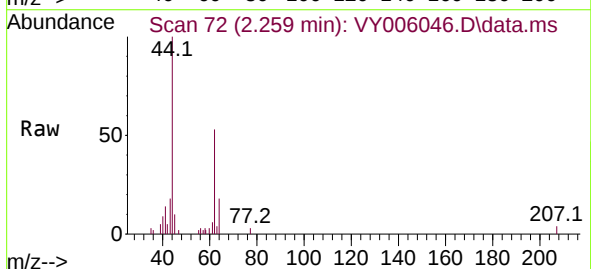
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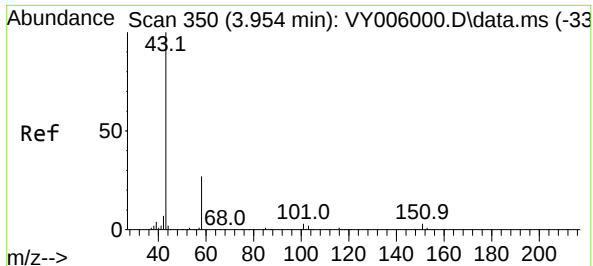
Tgt Ion:168 Resp: 156066
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#4
Vinyl Chloride
Concen: 1.525 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

Tgt Ion: 62 Resp: 3529
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.6

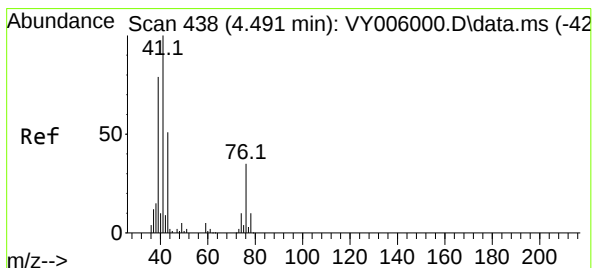
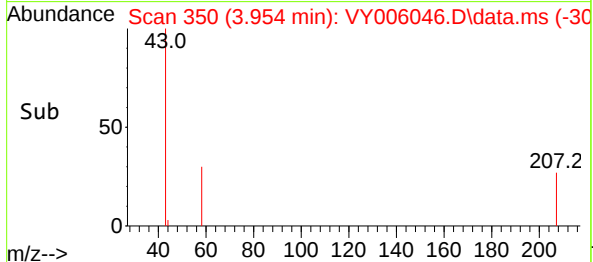
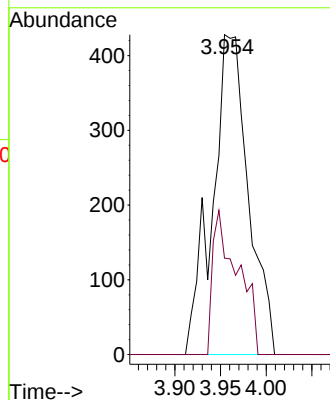
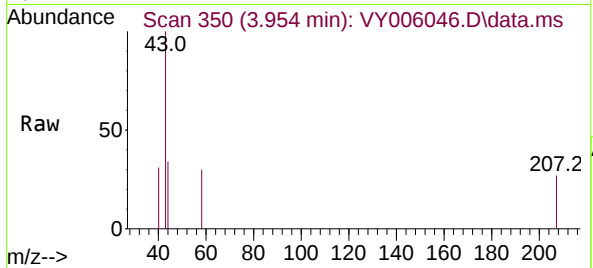




#16
Acetone
Concen: 1.985 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

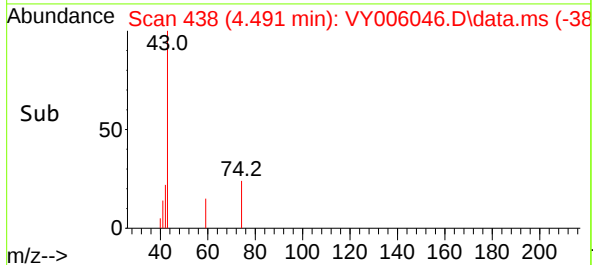
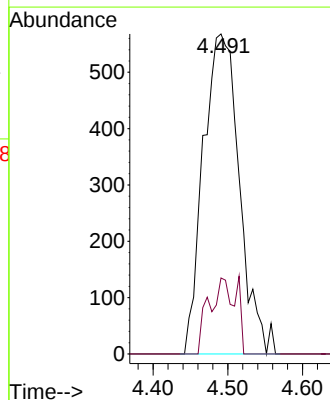
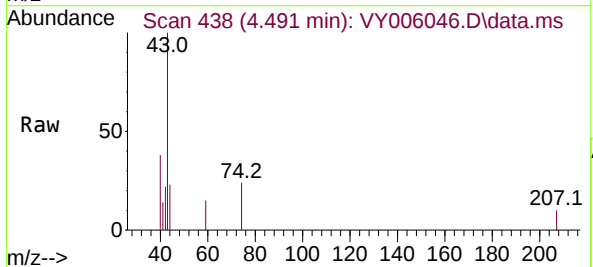
Instrument :
MSVOA_Y
ClientSampleId :
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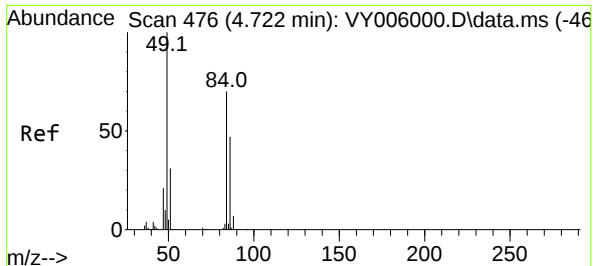
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0



#18
Methyl Acetate
Concen: 1.275 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

Tgt Ion: 43 Resp: 1910
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

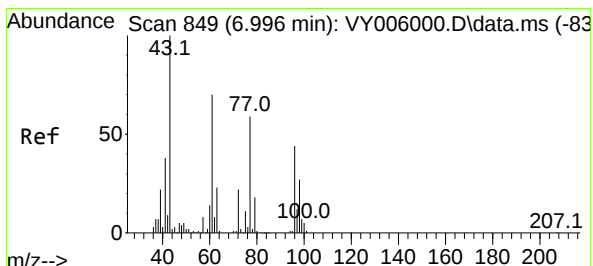
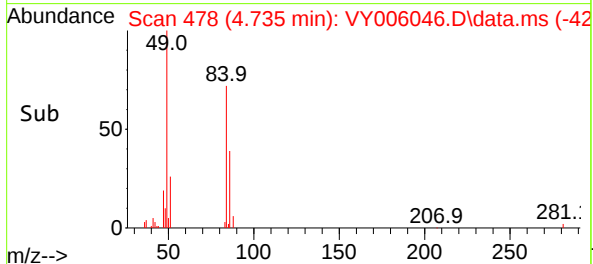
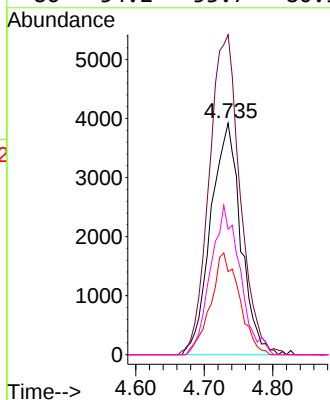
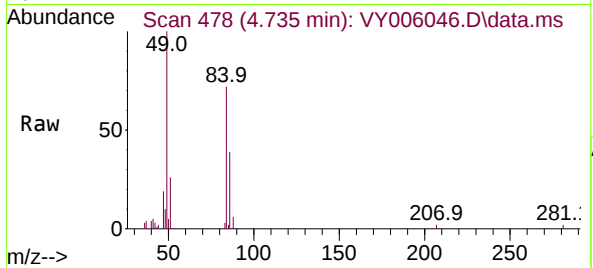




#20
Methylene Chloride
Concen: 1.976 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

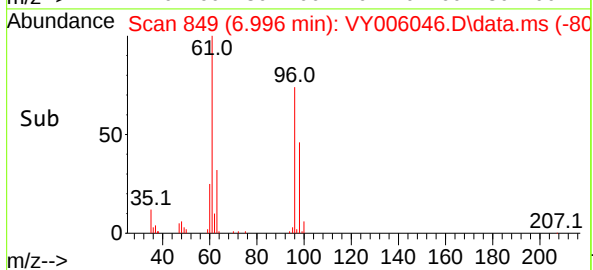
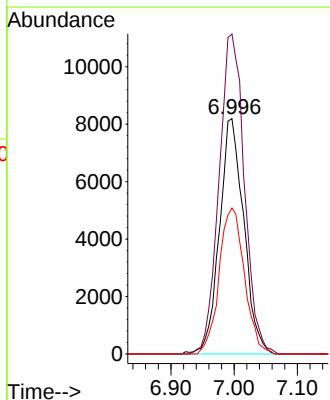
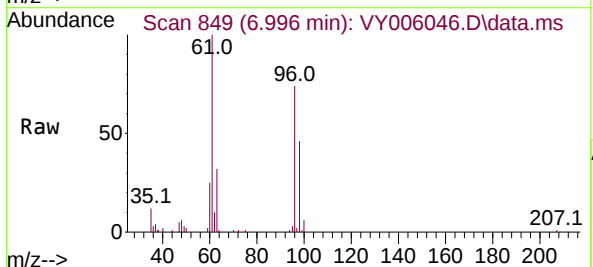
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(5-8)

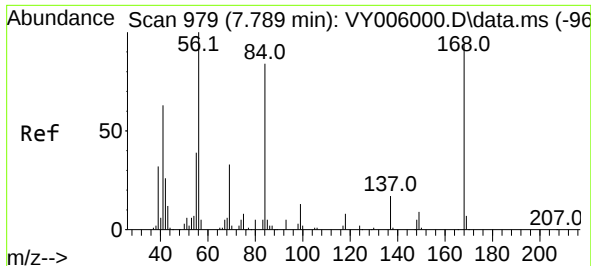
Tgt Ion:	84	Resp:	11949
Ion	Ratio	Lower	Upper
84	100		
49	138.3	114.4	171.6
51	35.9	35.3	52.9
86	54.2	53.7	80.5



#27
cis-1,2-Dichloroethene
Concen: 11.195 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

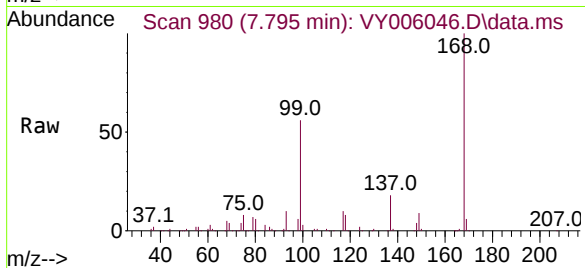
Tgt Ion:	96	Resp:	21824
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	319.8
98	64.5	0.0	127.0



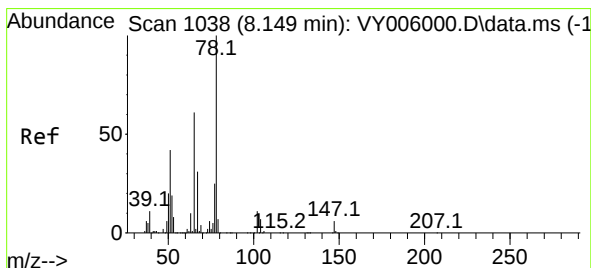
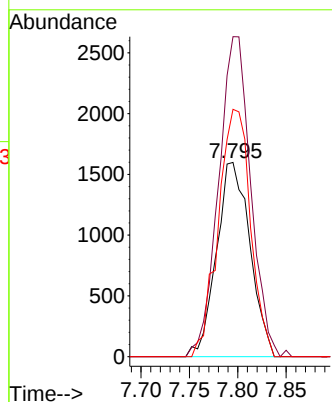
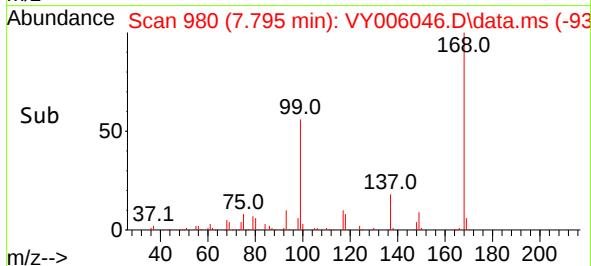


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

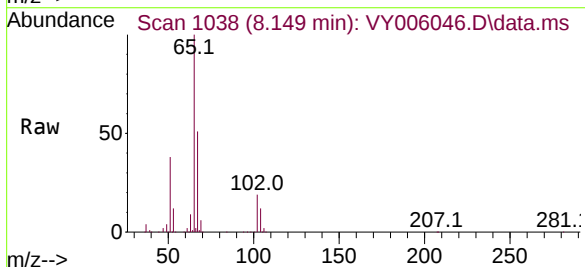
Instrument :
MSVOA_Y
ClientSampleId :
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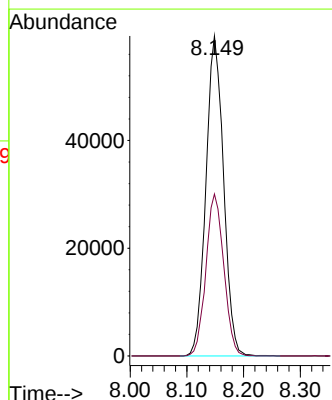
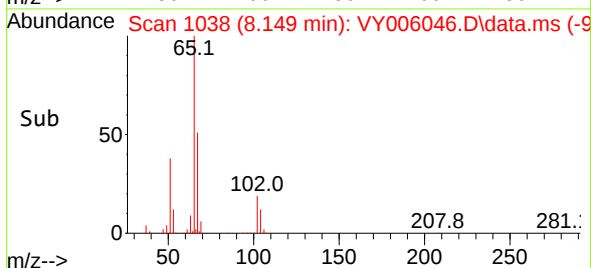
Tgt Ion: 56 Resp: 3829
Ion Ratio Lower Upper
56 100
69 164.8 26.7 40.1#
84 127.4 67.2 100.8#

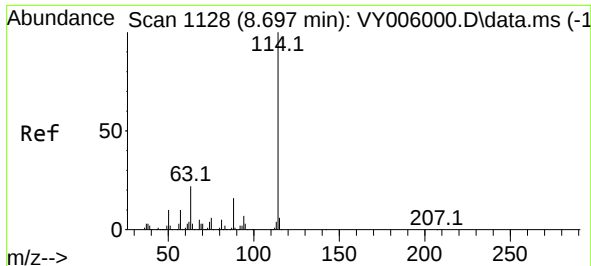


#33
1,2-Dichloroethane-d4
Concen: 59.178 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34



Tgt Ion: 65 Resp: 128288
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4

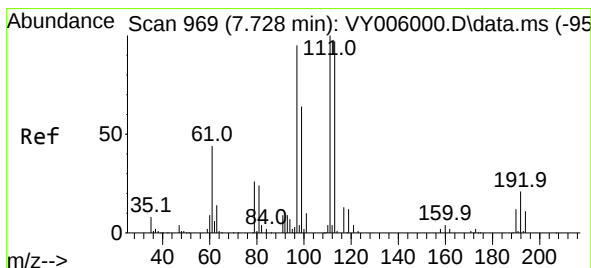
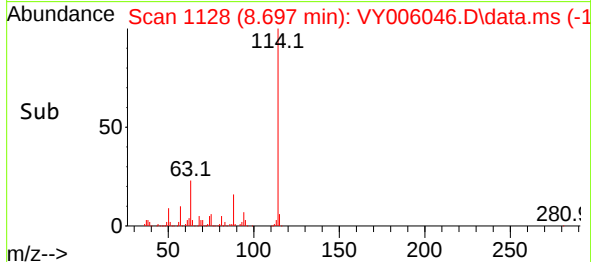
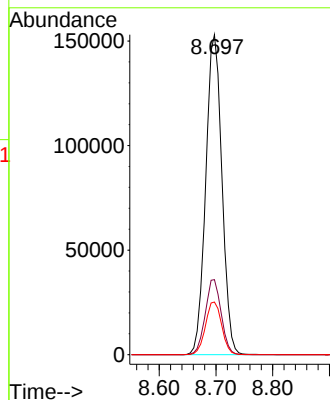
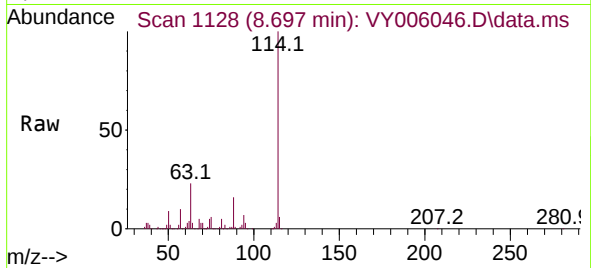




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

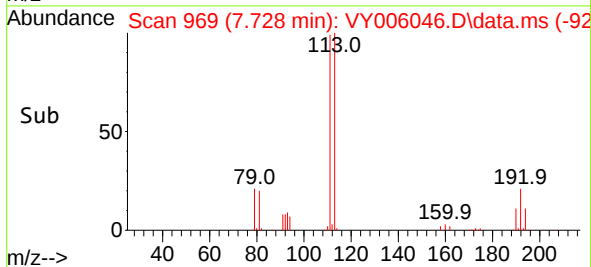
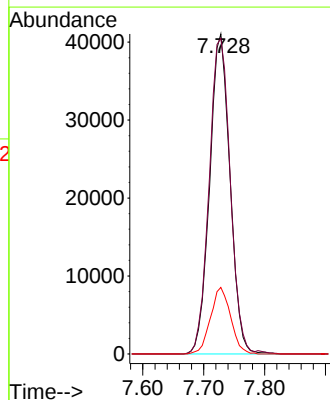
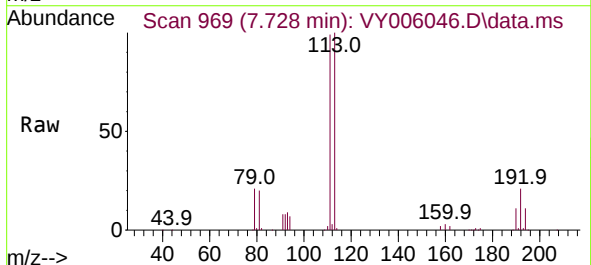
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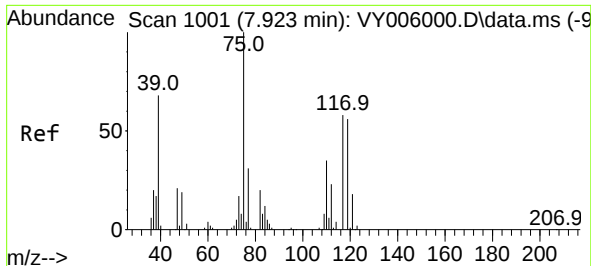
Tgt Ion:114 Resp: 303136
Ion Ratio Lower Upper
114 100
63 23.4 0.0 43.2
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.604 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

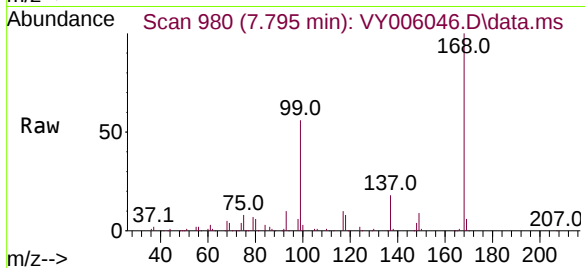
Tgt Ion:113 Resp: 95279
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.6 17.6 26.4



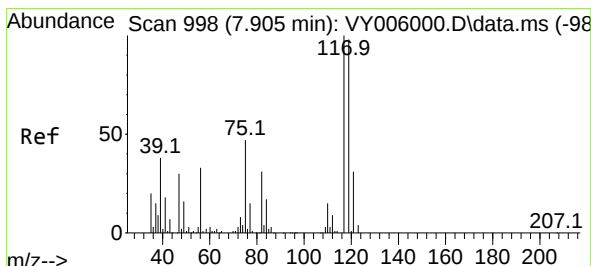
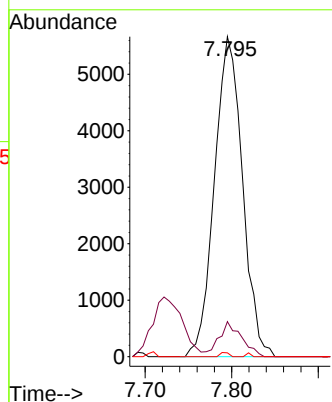
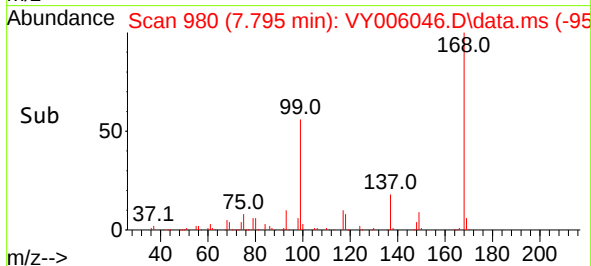


#36
1,1-Dichloropropene
Concen: 3.892 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

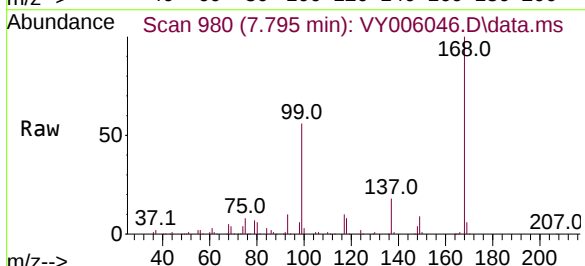
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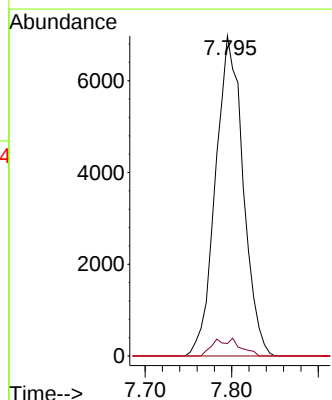
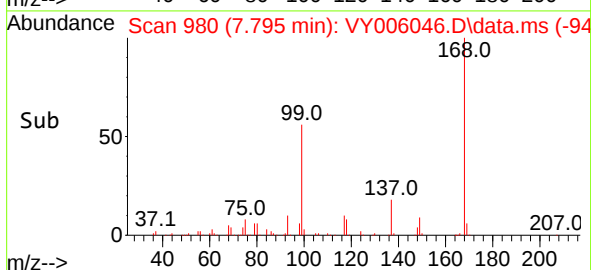
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.4	24.4	36.6#

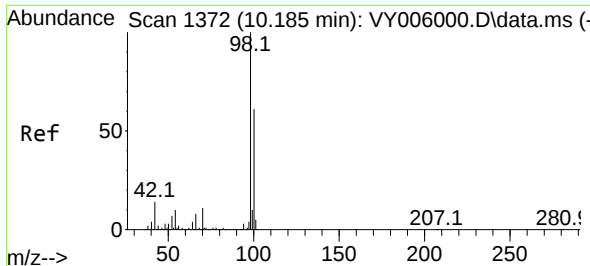


#38
Carbon Tetrachloride
Concen: 4.335 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34



Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.9	116.9#
121	0.0	24.8	37.2#

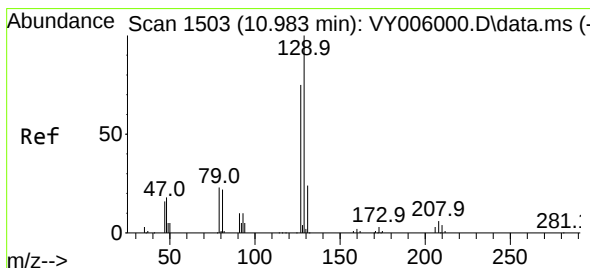
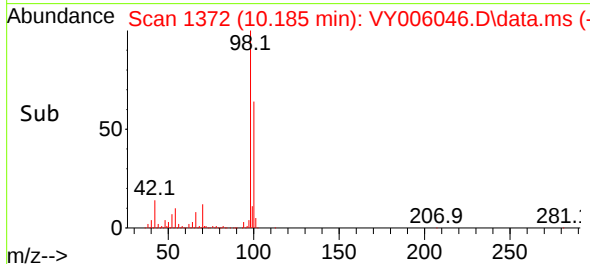
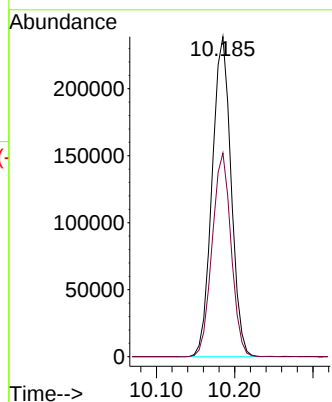
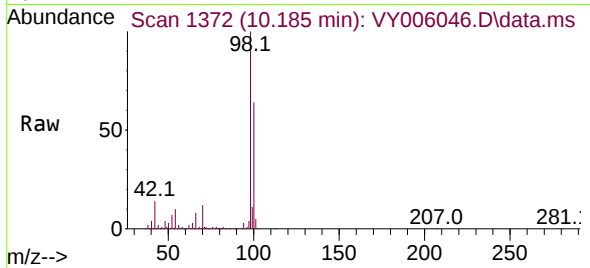




#50
Toluene-d8
Concen: 50.021 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

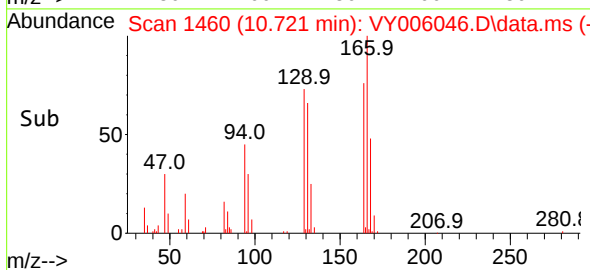
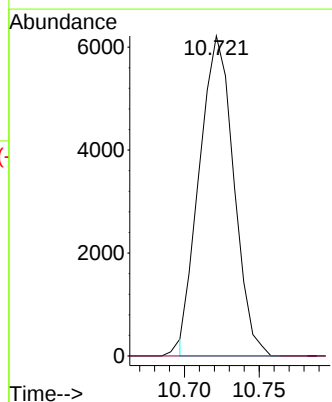
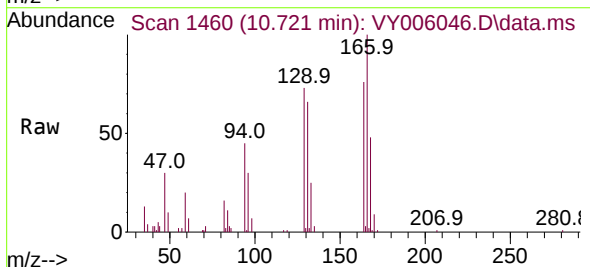
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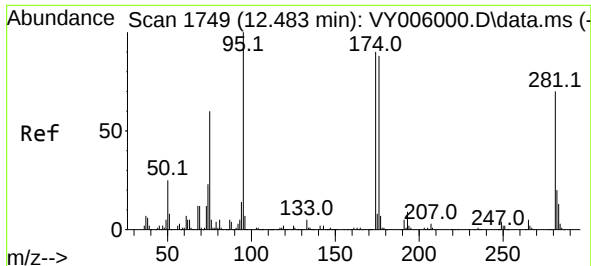
Tgt Ion: 98 Resp: 401404
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#60
Dibromochloromethane
Concen: 4.664 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

Tgt Ion: 129 Resp: 9928
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

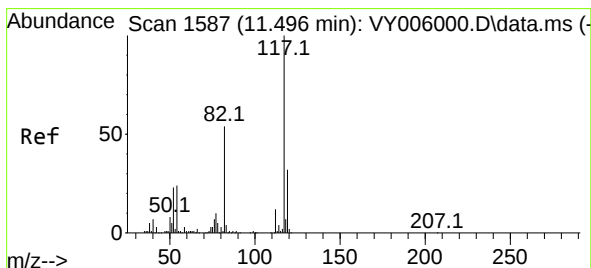
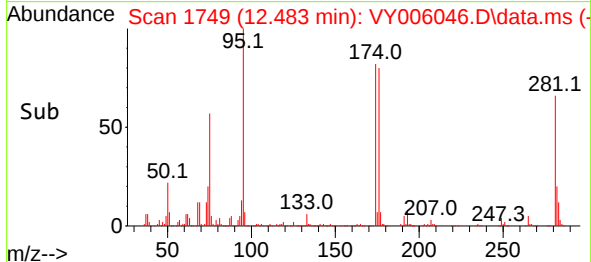
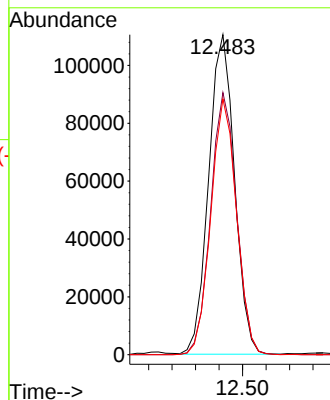
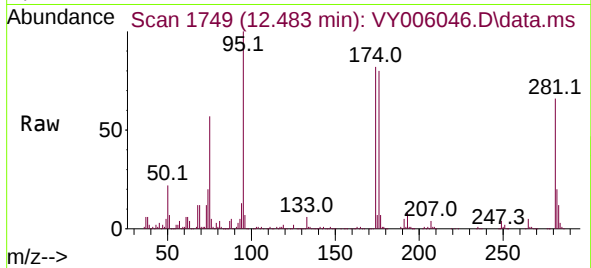




#62
4-Bromofluorobenzene
Concen: 61.921 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

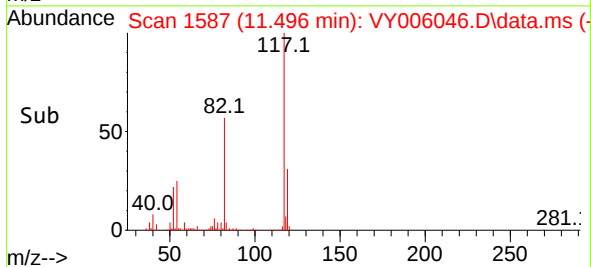
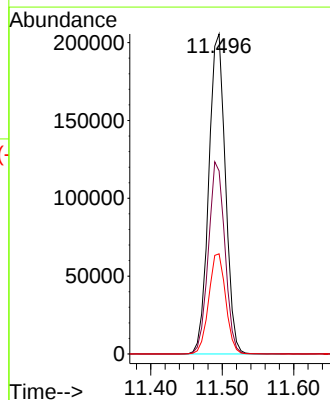
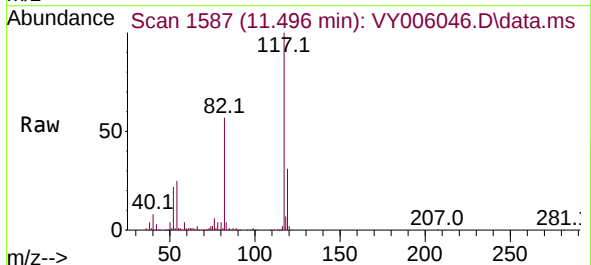
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(5-8)

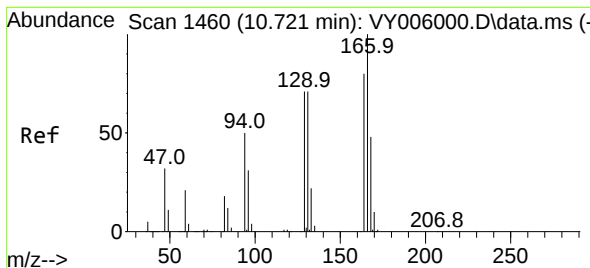
Tgt Ion: 95 Resp: 168705
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 79.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

Tgt Ion: 117 Resp: 332067
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 31.3 25.4 38.0





#64

Tetrachloroethene

Concen: 3.991 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY006046.D

Acq: 16 Sep 2021 14:34

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:164 Resp: 10839

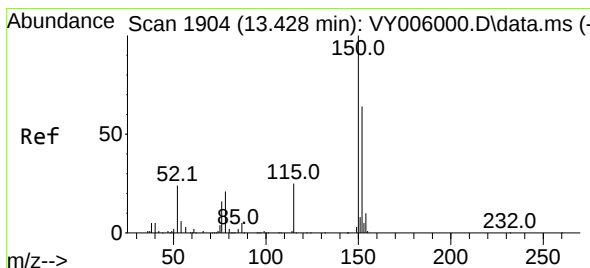
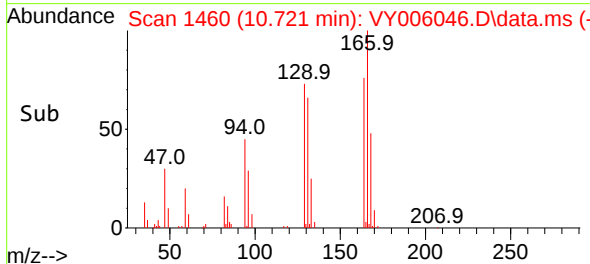
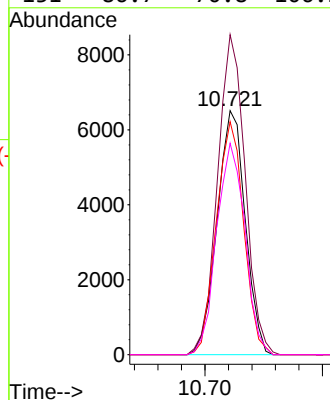
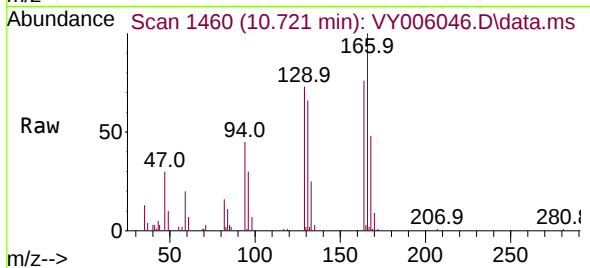
Ion Ratio Lower Upper

164 100

166 131.1 100.4 150.6

129 95.5 71.4 107.0

131 86.7 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: VY006046.D

Acq: 16 Sep 2021 14:34

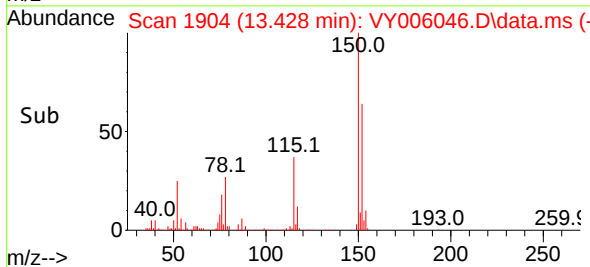
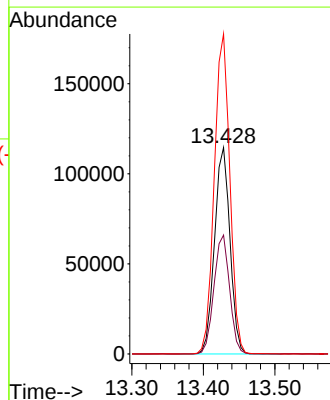
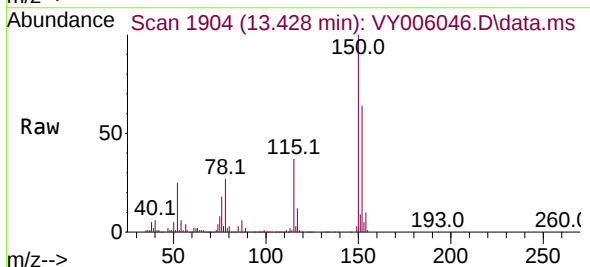
Tgt Ion:152 Resp: 171918

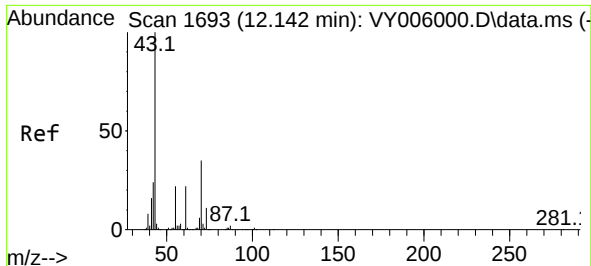
Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 155.9 0.0 347.6

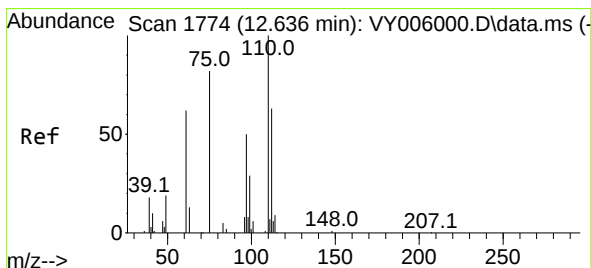
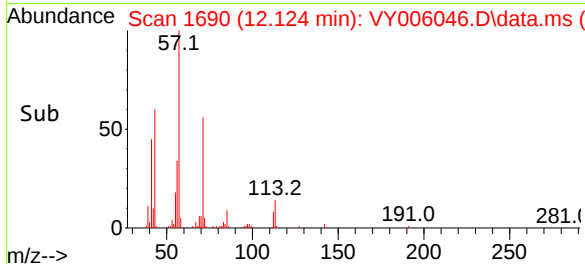
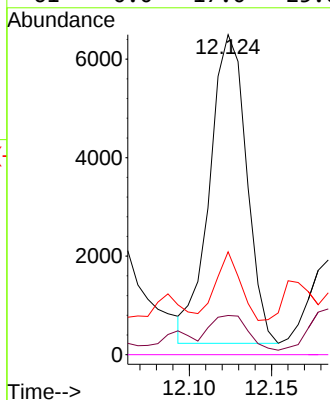
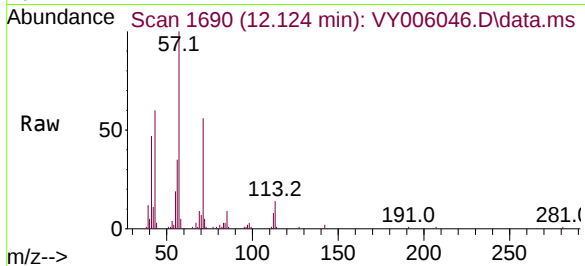




#74
N-amy1 acetate
Concen: 2.106 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

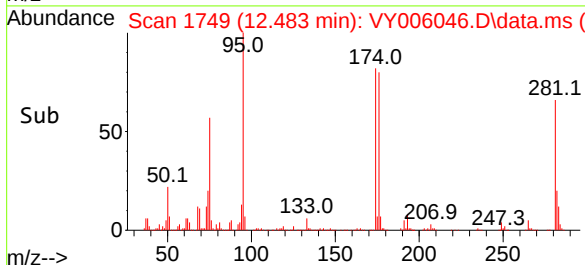
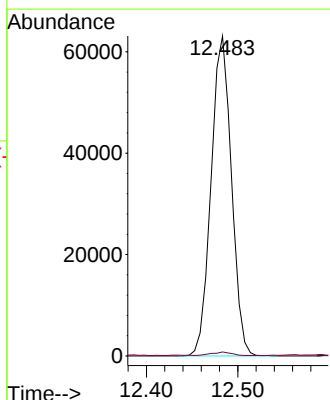
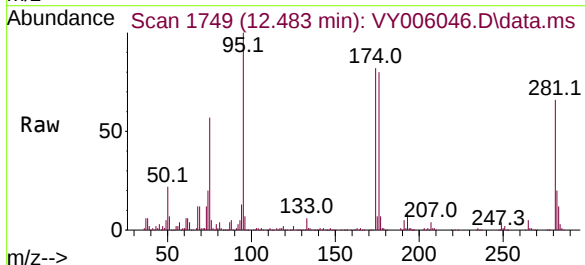
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(5-8)

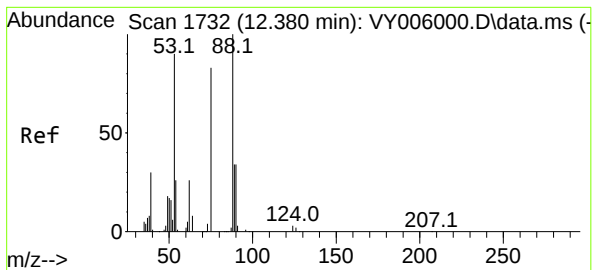
Tgt Ion: 43	Resp: 9791
Ion Ratio	Lower Upper
43 100	
70 11.6	28.7 43.1#
55 14.5	17.3 25.9#
61 0.0	17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 53.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

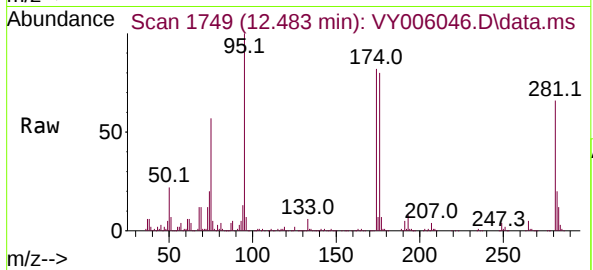
Tgt Ion: 75	Resp: 97529
Ion Ratio	Lower Upper
75 100	
77 1.2	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.824 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006046.D
 Acq: 16 Sep 2021 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-02-(5-8)



Tgt Ion: 75 Resp: 97529
 Ion Ratio Lower Upper
 75 100
 53 0.4 85.3 127.9#
 89 0.9 37.0 55.4#

