

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006050.D
 Acq On : 16 Sep 2021 16:06
 Operator : SY/MD
 Sample : M3750-02
 Misc : 6.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-03-(25-27)

Quant Time: Sep 17 02:45:53 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)

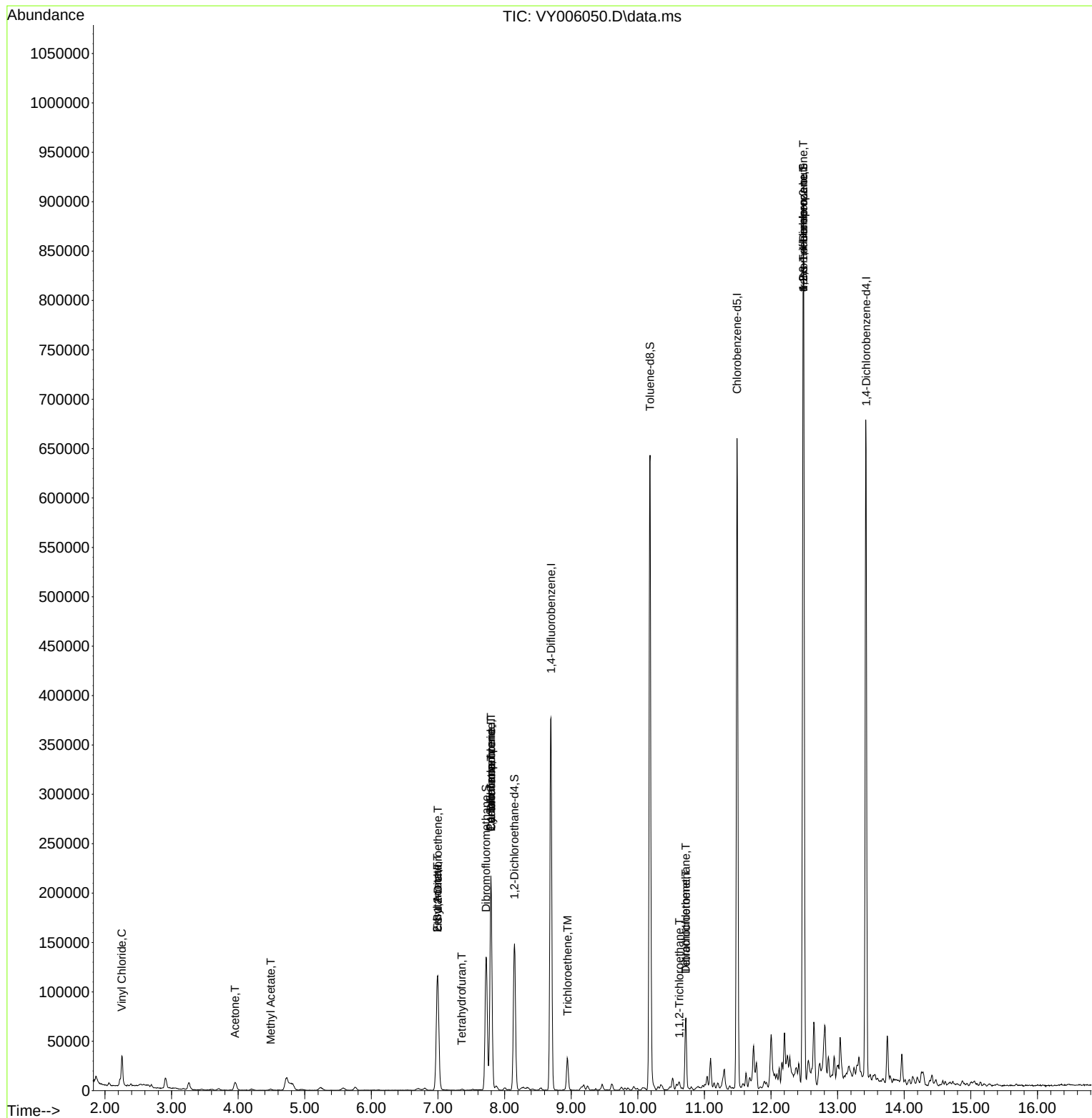
Internal Standards						
1) Pentafluorobenzene	7.795	168	156721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	324257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122379	56.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.440%	
35) Dibromofluoromethane	7.722	113	94596	50.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.185	98	401175	50.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.483	95	165553	61.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.900%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	26110	11.233	ug/l	96
11) Tert butyl alcohol	4.948	59	812	Below Cal	#	77
16) Acetone	3.954	43	14358	24.047	ug/l	97
18) Methyl Acetate	4.491	43	2167	1.441	ug/l	94
20) Methylene Chloride	4.716	84	8127	Below Cal		93
25) 2-Butanone	6.990	43	2780	3.378	ug/l #	35
27) cis-1,2-Dichloroethene	6.996	96	68299	34.889	ug/l	90
29) Tetrahydrofuran	7.356	42	612	1.183	ug/l #	75
31) Cyclohexane	7.795	56	4898	1.405	ug/l #	24
36) 1,1-Dichloropropene	7.795	75	13020	4.024	ug/l #	51
37) Ethyl Acetate	6.990	43	2780	1.244	ug/l #	1
38) Carbon Tetrachloride	7.795	117	16023	4.549	ug/l #	16
44) Trichloroethene	8.947	130	10886	4.708	ug/l	99
55) 1,1,2-Trichloroethane	10.624	97	2700	1.582	ug/l #	22
60) Dibromochloromethane	10.721	129	12304	5.846	ug/l #	11
64) Tetrachloroethene	10.721	164	13301	5.015	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	96369	54.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	96369	101.089	ug/l #	8

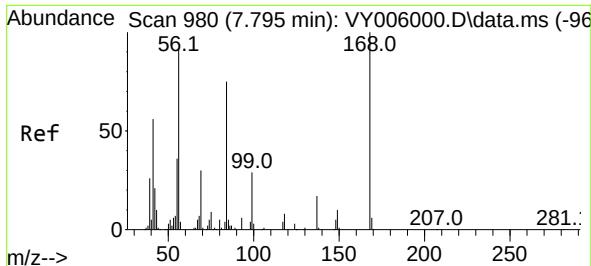
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 15 05:01:47 2021
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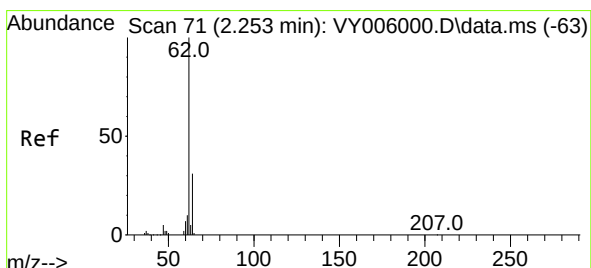
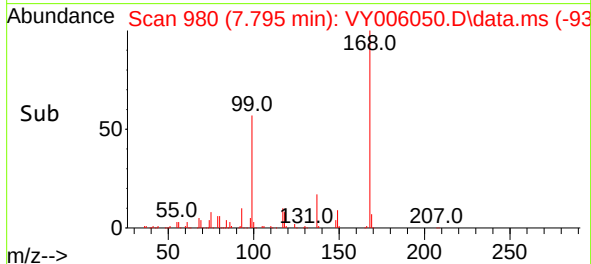
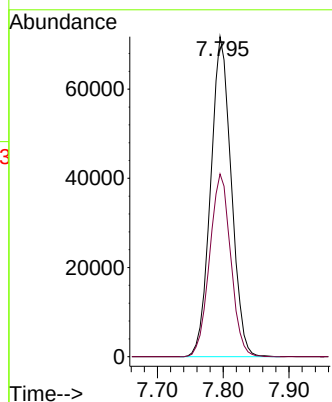
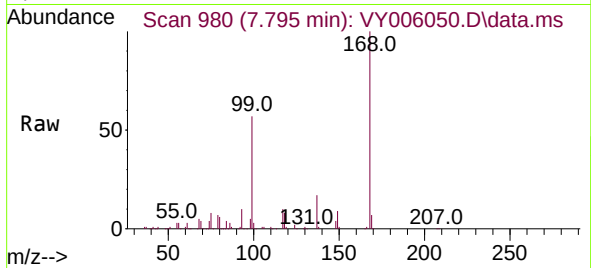




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

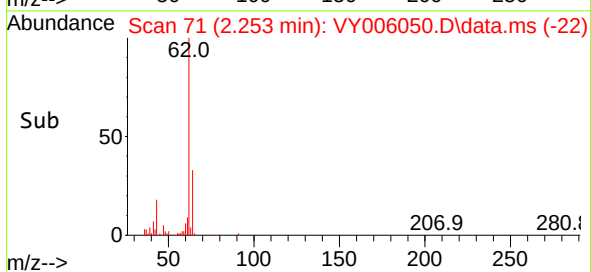
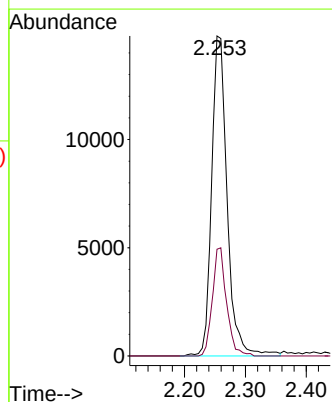
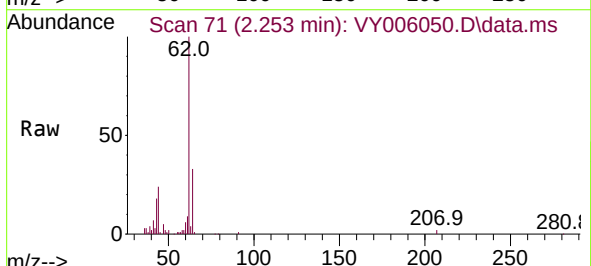
Instrument :
MSVOA_Y
ClientSampleId :
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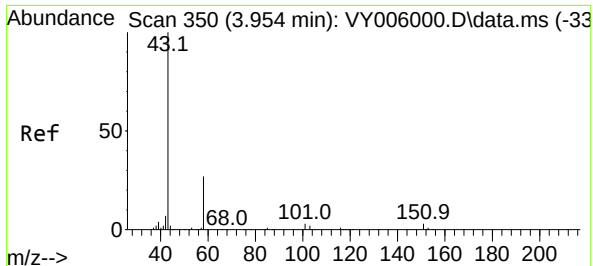
Tgt Ion:168 Resp: 156721
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#4
Vinyl Chloride
Concen: 11.233 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion: 62 Resp: 26110
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6

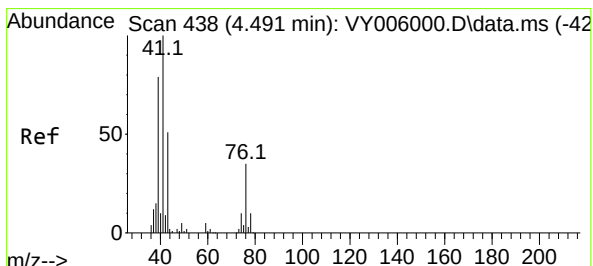
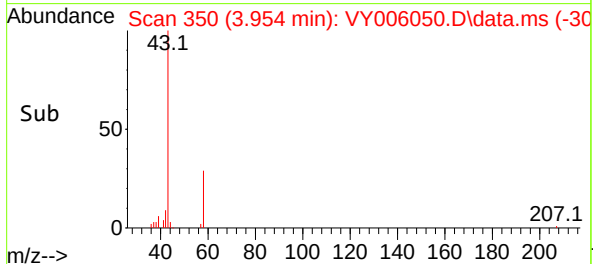
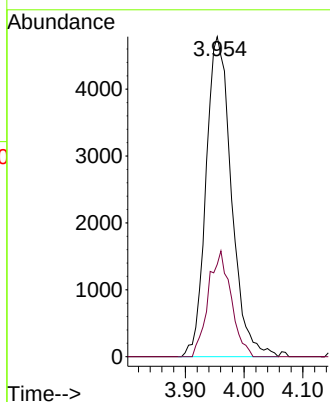
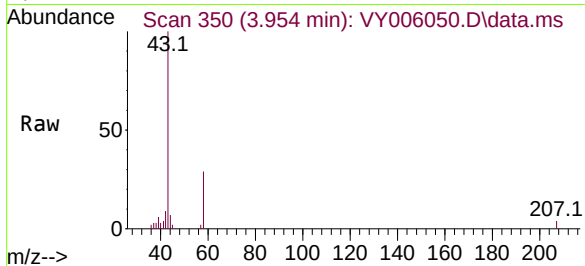




#16
Acetone
Concen: 24.047 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

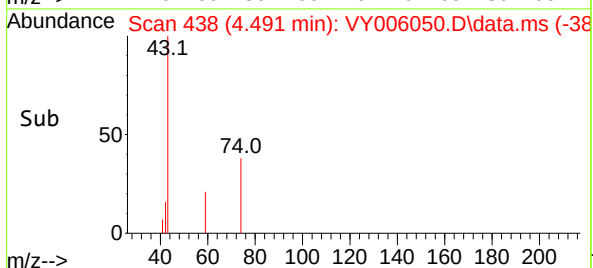
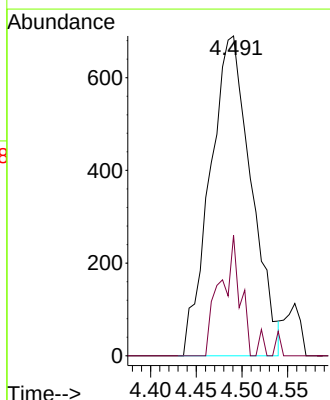
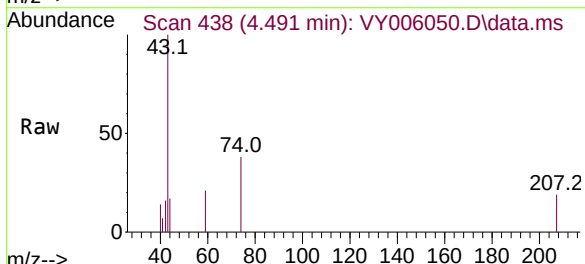
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(25-27)

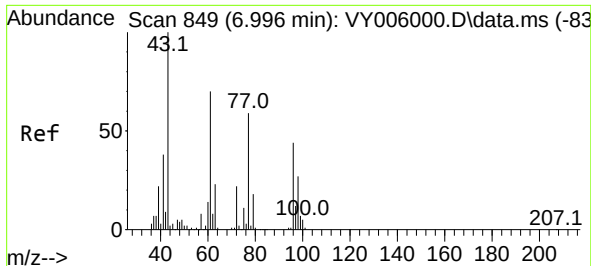
Tgt Ion: 43 Resp: 14358
Ion Ratio Lower Upper
43 100
58 28.8 22.0 33.0



#18
Methyl Acetate
Concen: 1.441 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
74 18.0 16.6 24.8

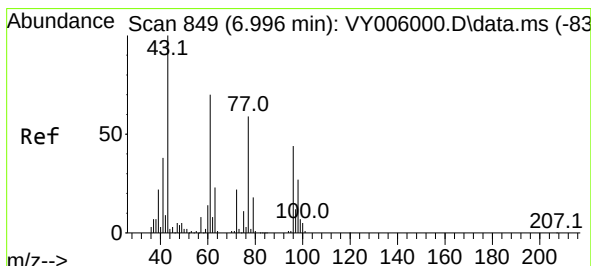
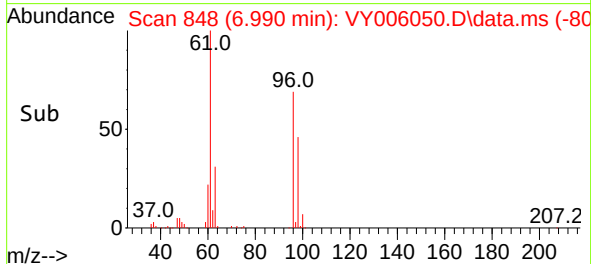
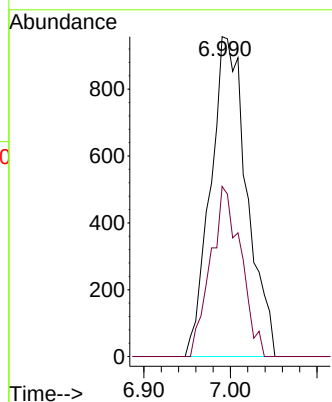
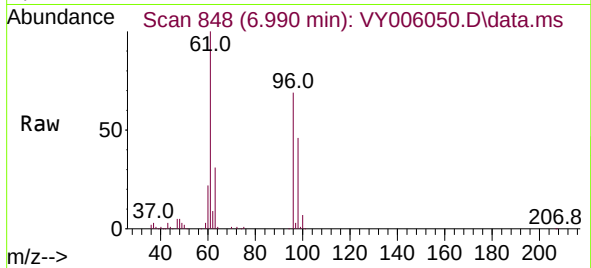




#25
2-Butanone
Concen: 3.378 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

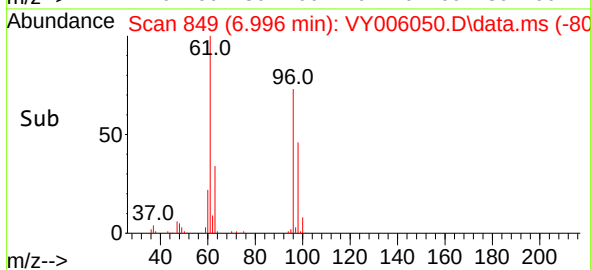
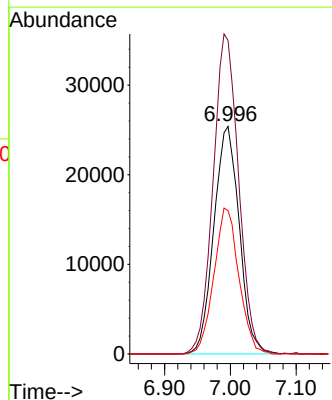
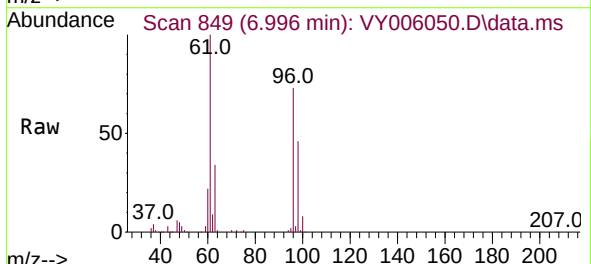
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(25-27)

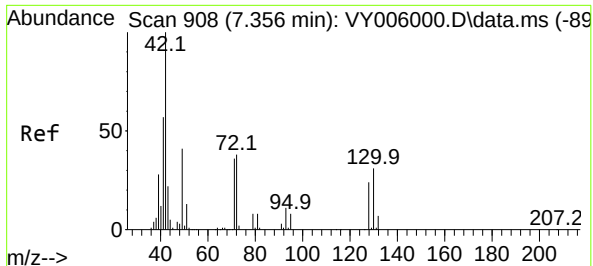
Tgt Ion: 43 Resp: 2780
Ion Ratio Lower Upper
43 100
72 53.2 17.7 26.5#



#27
cis-1,2-Dichloroethene
Concen: 34.889 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion: 96 Resp: 68299
Ion Ratio Lower Upper
96 100
61 141.0 0.0 319.8
98 63.1 0.0 127.0





#29

Tetrahydrofuran

Concen: 1.183 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006050.D

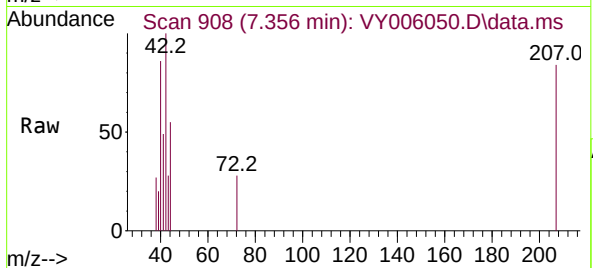
Acq: 16 Sep 2021 16:06

Instrument :

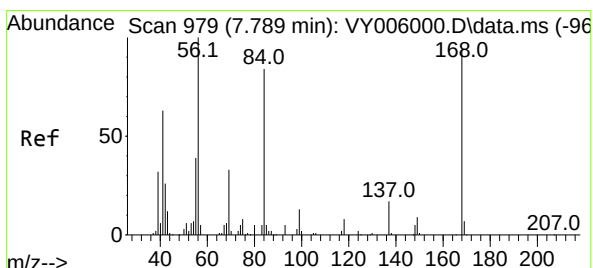
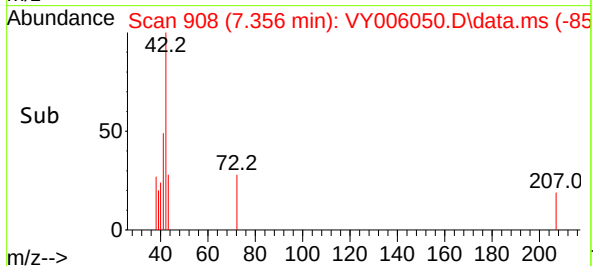
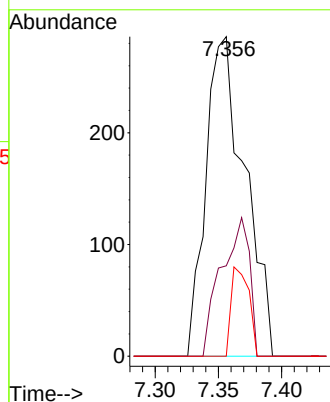
MSVOA_Y

ClientSampleId :

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Tgt Ion:	42	Resp:	612
Ion	Ratio	Lower	Upper
42	100		
72	31.4	30.3	45.5
71	12.7	29.0	43.4#



#31

Cyclohexane

Concen: 1.405 ug/l

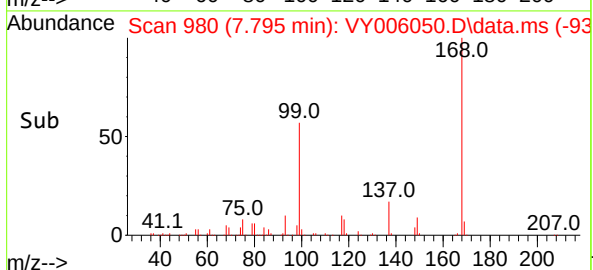
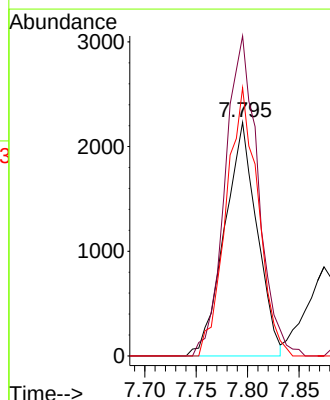
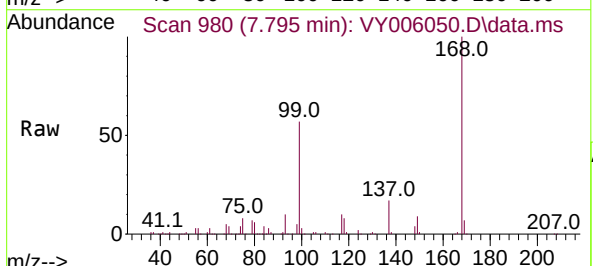
RT: 7.795 min Scan# 980

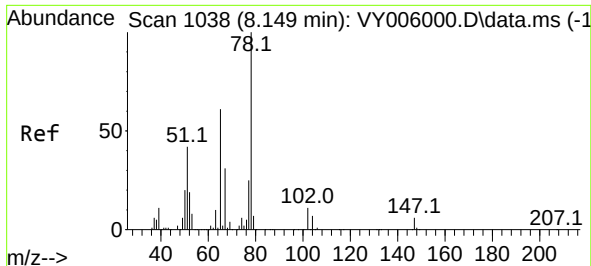
Delta R.T. 0.006 min

Lab File: VY006050.D

Acq: 16 Sep 2021 16:06

Tgt Ion:	56	Resp:	4898
Ion	Ratio	Lower	Upper
56	100		
69	137.0	26.7	40.1#
84	114.8	67.2	100.8#

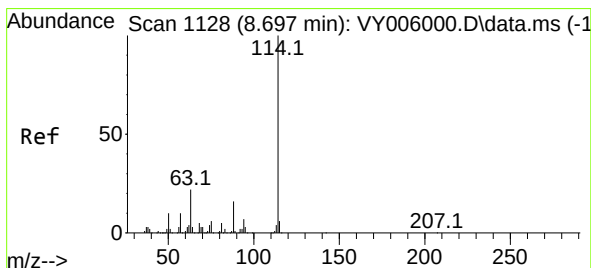
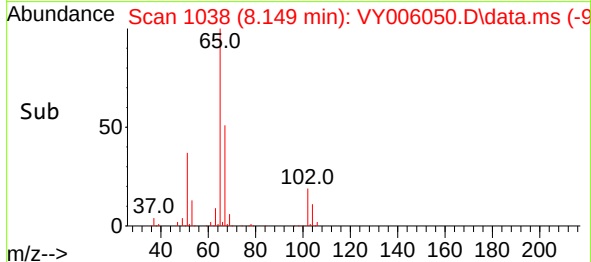
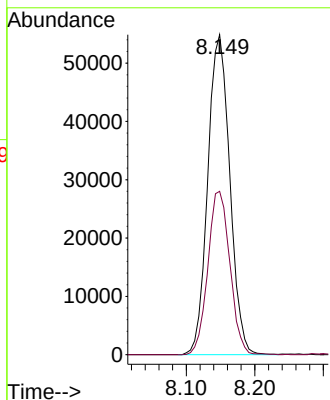
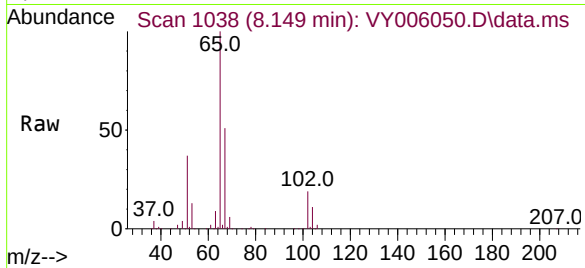




#33
1,2-Dichloroethane-d4
Concen: 56.216 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

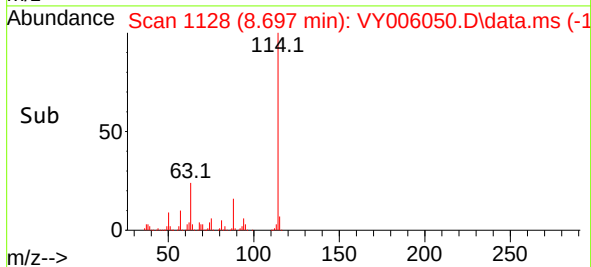
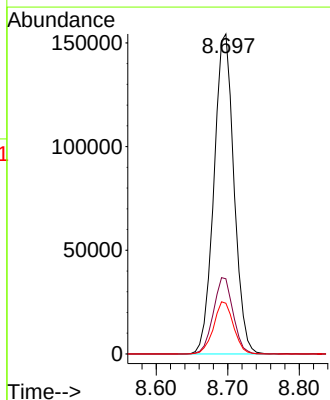
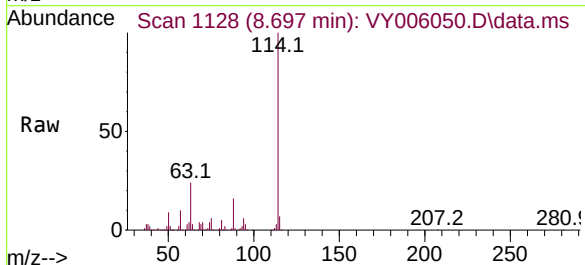
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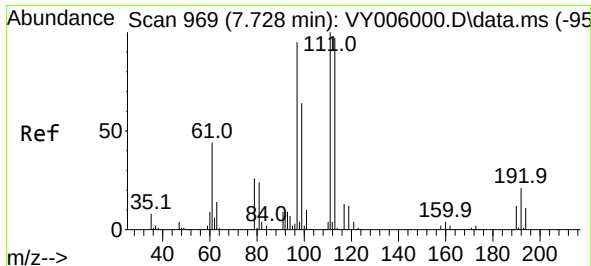
Tgt Ion: 65 Resp: 122379
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion:114 Resp: 299775
Ion Ratio Lower Upper
114 100
63 23.5 0.0 43.2
88 15.8 0.0 31.8

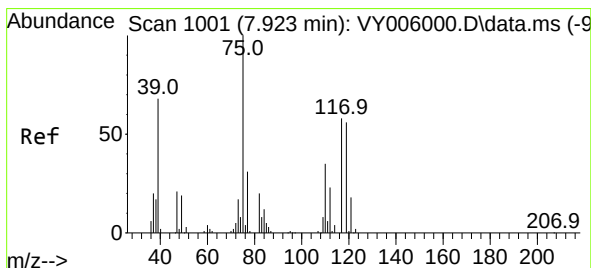
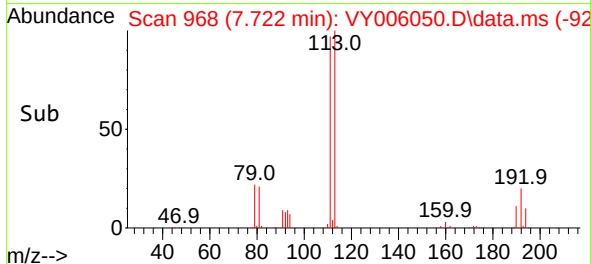
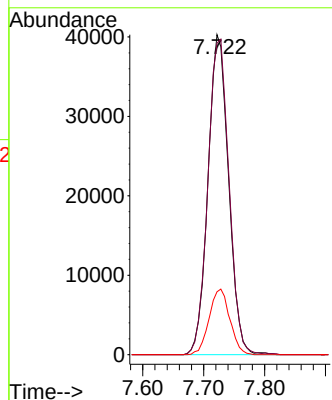
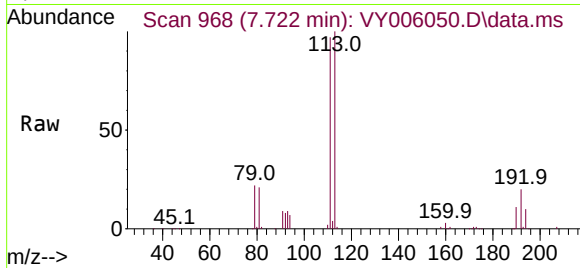




#35
Dibromofluoromethane
Concen: 50.805 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

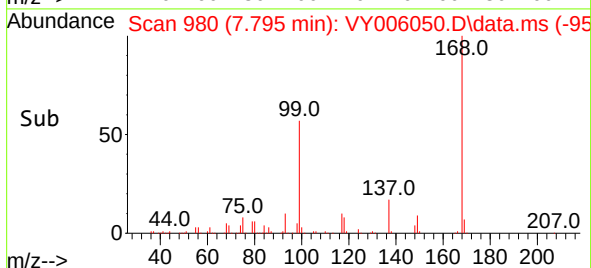
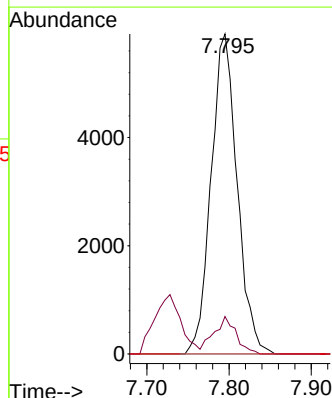
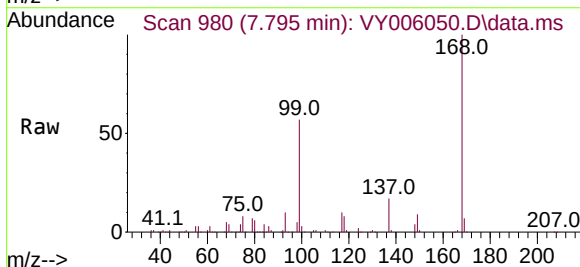
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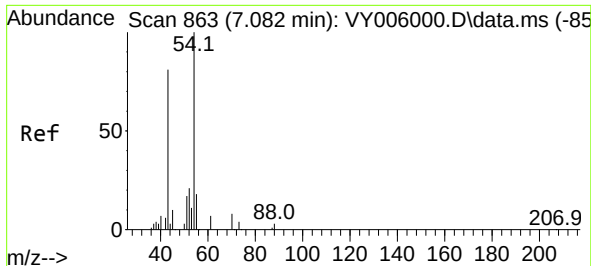
Tgt Ion:	113	Resp:	94596
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	124.0
192	20.6	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.024 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion:	75	Resp:	13020
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.1	51.2#
77	0.0	24.4	36.6#

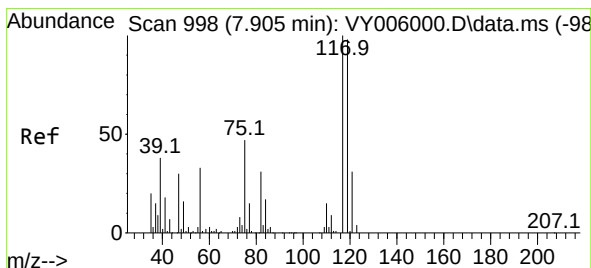
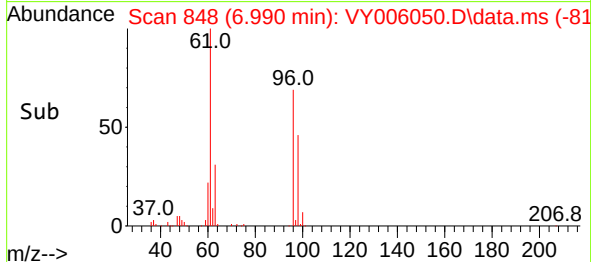
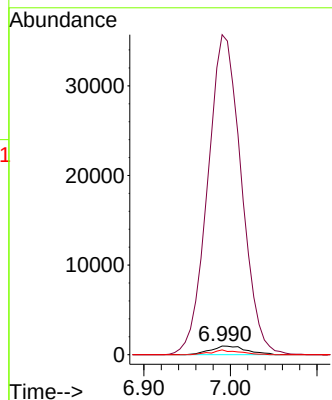
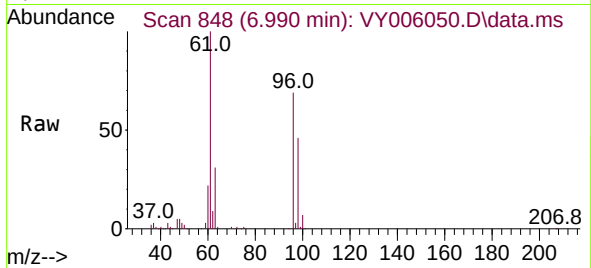




#37
Ethyl Acetate
Concen: 1.244 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.091 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

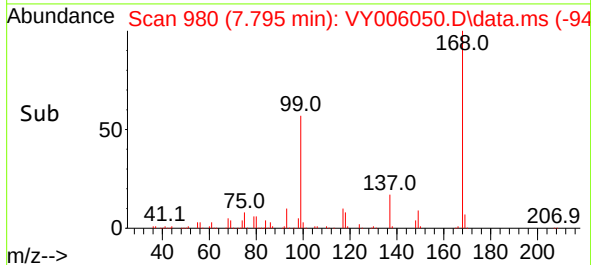
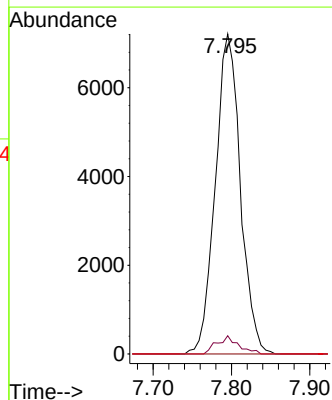
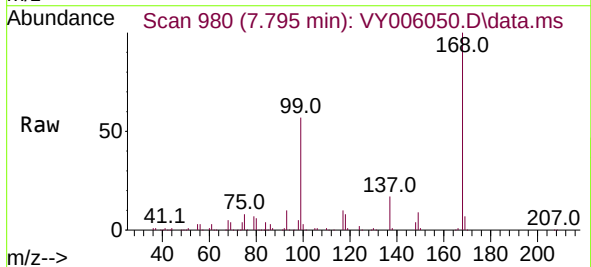
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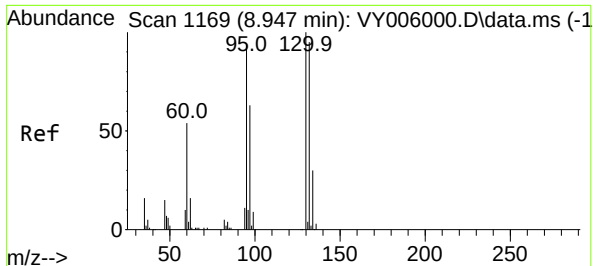
Tgt Ion: 43 Resp: 2780
Ion Ratio Lower Upper
43 100
61 3465.2 9.7 14.5#
70 42.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 4.549 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion: 117 Resp: 16023
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

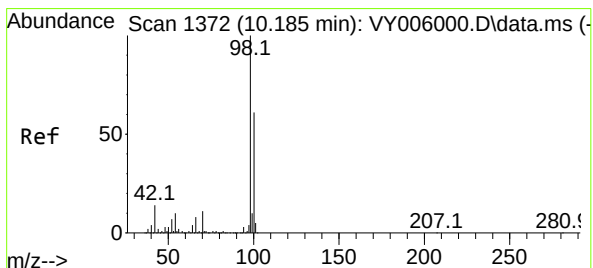
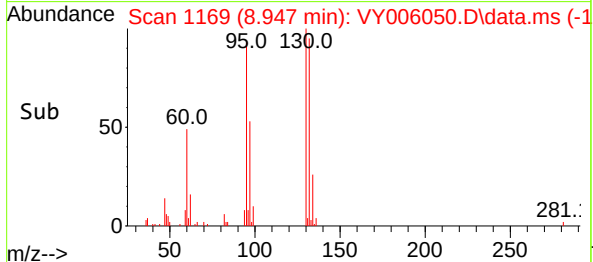
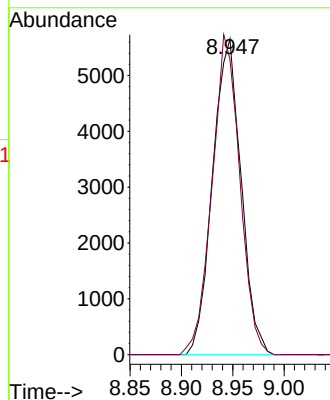
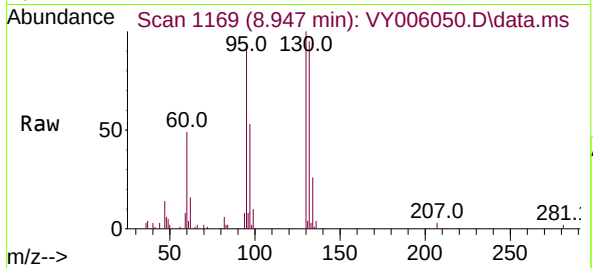




#44
Trichloroethene
Concen: 4.708 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

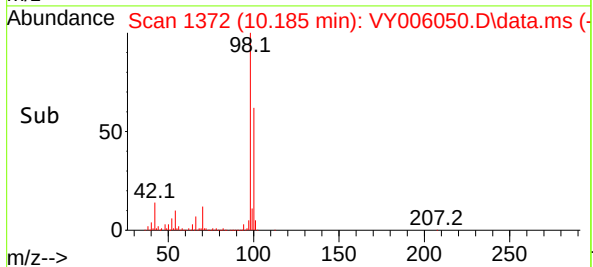
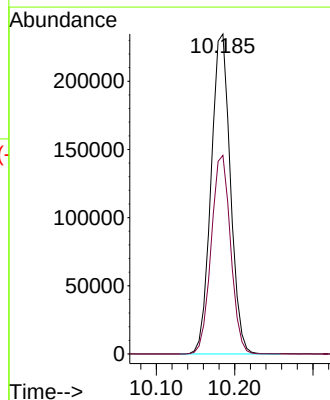
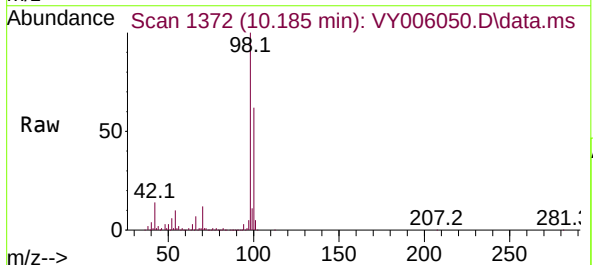
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(25-27)

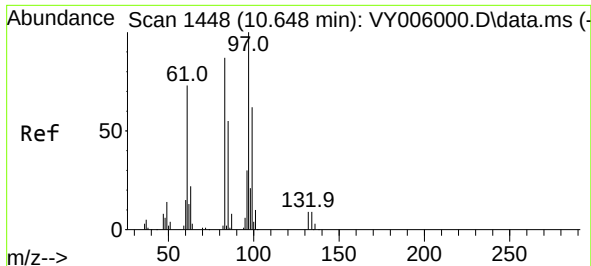
Tgt Ion:130 Resp: 10886
Ion Ratio Lower Upper
130 100
95 93.5 0.0 188.2



#50
Toluene-d8
Concen: 50.553 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion: 98 Resp: 401175
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.2

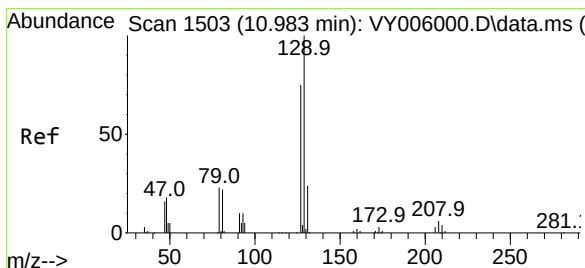
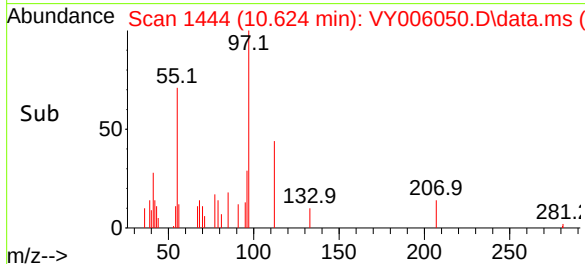
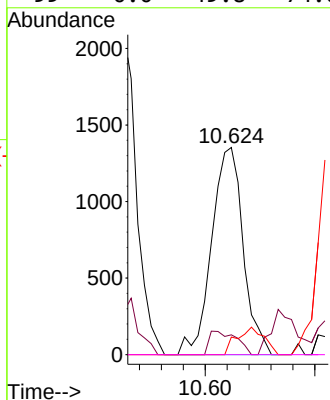
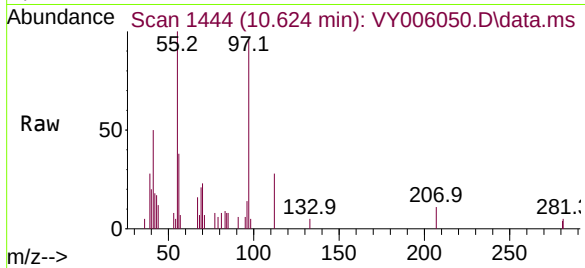




#55
1,1,2-Trichloroethane
Concen: 1.582 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

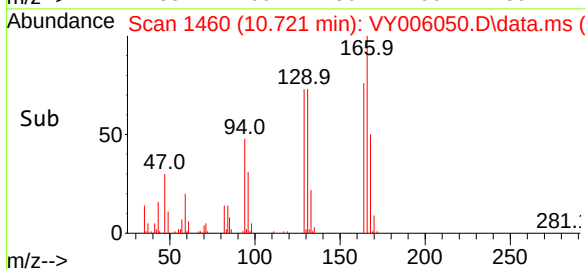
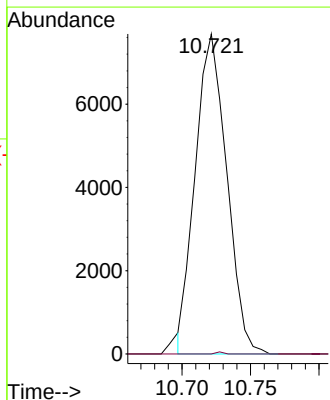
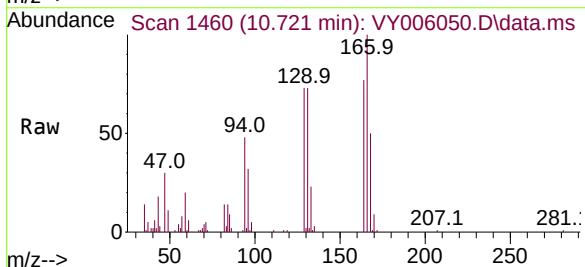
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(25-27)

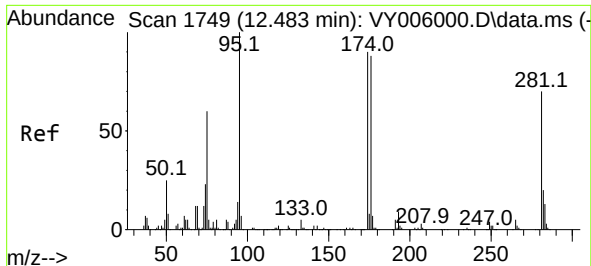
Tgt Ion: 97	Resp: 2700
Ion Ratio	Lower Upper
97 100	
83 9.5	69.8 104.8#
85 8.5	44.3 66.5#
99 0.0	49.8 74.6#



#60
Dibromochloromethane
Concen: 5.846 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion:129	Resp:	12304	
Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.7	116.1#

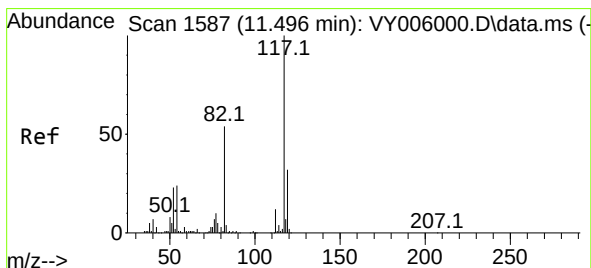
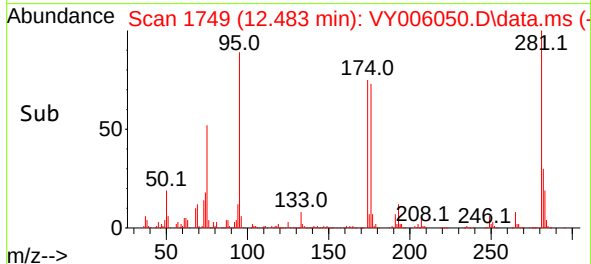
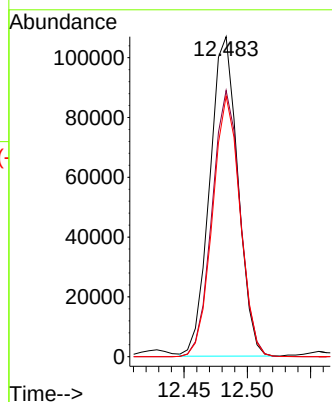
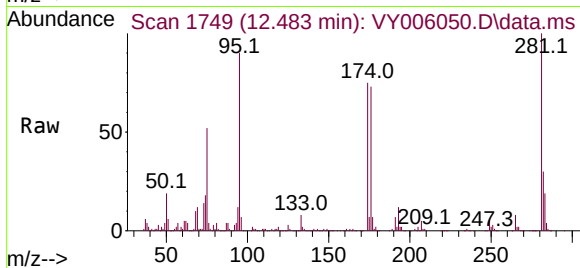




#62
4-Bromofluorobenzene
Concen: 61.445 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

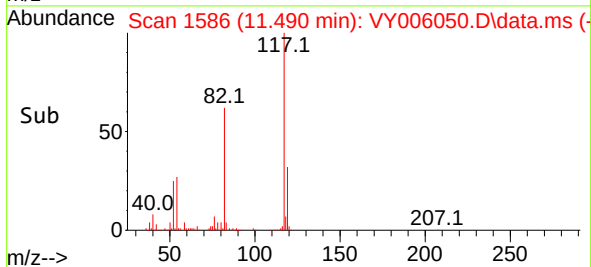
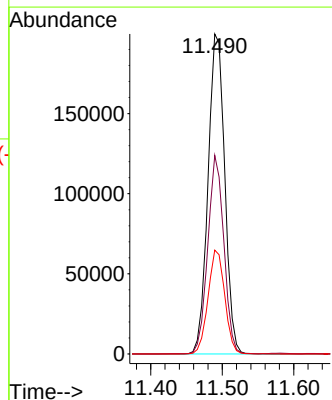
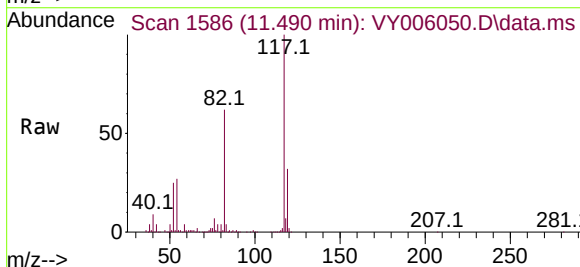
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(25-27)

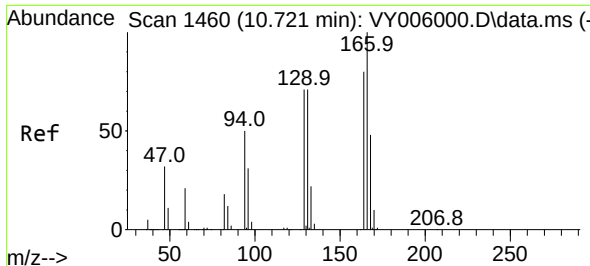
Tgt Ion: 95 Resp: 165553
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 79.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion: 117 Resp: 324257
Ion Ratio Lower Upper
117 100
82 61.9 43.0 64.4
119 32.5 25.4 38.0

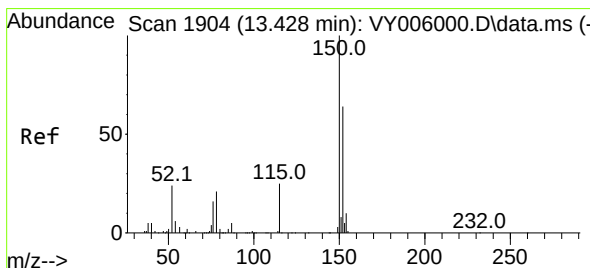
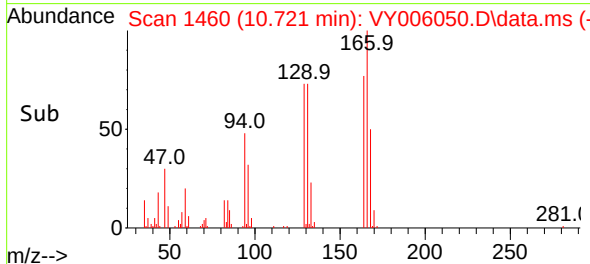
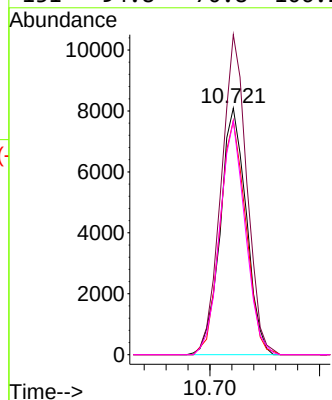
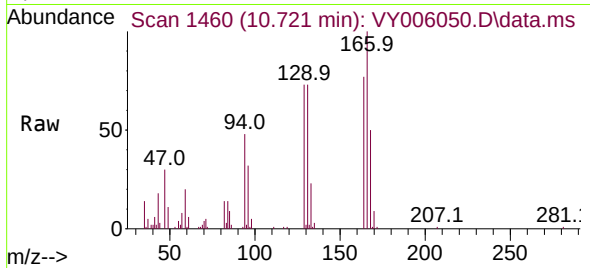




#64
Tetrachloroethene
Concen: 5.015 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

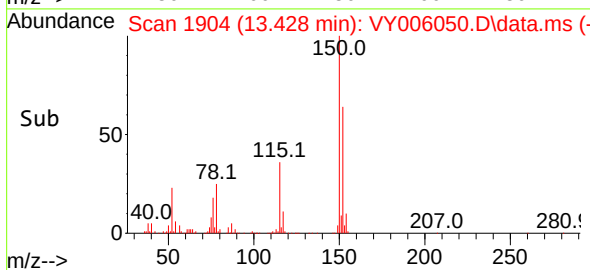
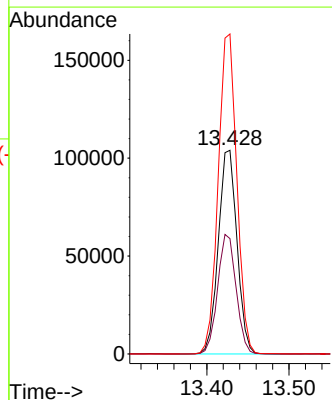
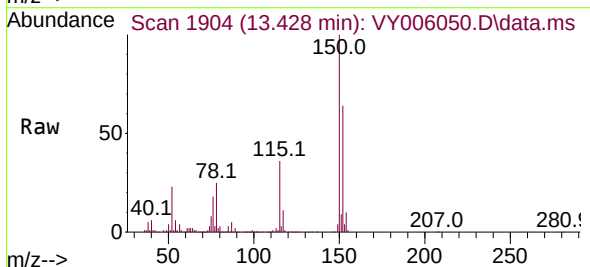
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(25-27)

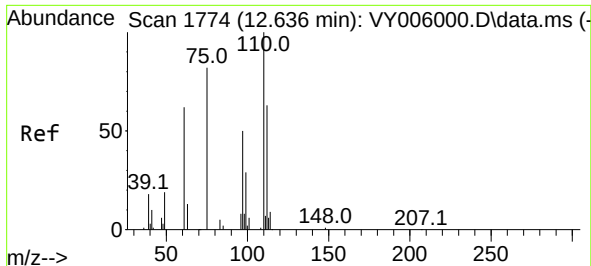
Tgt Ion:164	Resp:	13301
Ion	Ratio	Lower Upper
164	100	
166	129.8	100.4 150.6
129	95.0	71.4 107.0
131	94.8	70.8 106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion:152	Resp:	164386
Ion	Ratio	Lower Upper
152	100	
115	58.0	28.2 84.7
150	156.6	0.0 347.6

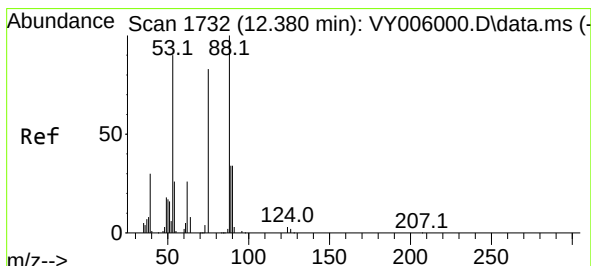
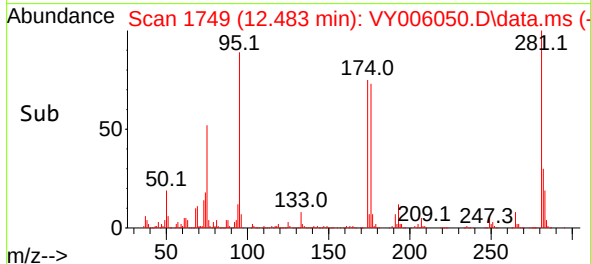
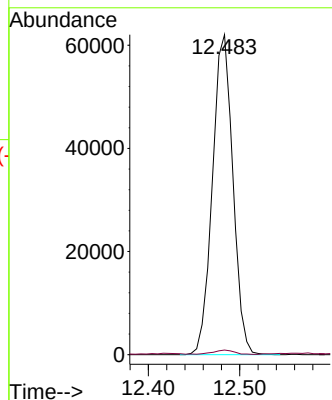
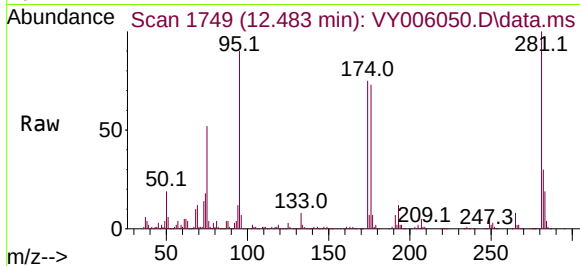




#76
1,2,3-Trichloropropane
Concen: 54.984 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(25-27)

Tgt Ion: 75 Resp: 96369
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.089 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006050.D
Acq: 16 Sep 2021 16:06

Tgt Ion: 75 Resp: 96369
Ion Ratio Lower Upper
75 100
53 0.5 85.3 127.9#
89 1.1 37.0 55.4#

