

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006065.D
 Acq On : 17 Sep 2021 12:55
 Operator : SY/MD
 Sample : M3750-05RE
 Misc : 6.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-03-(10-12)-END-POINT

Quant Time: Sep 20 01:39:38 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)

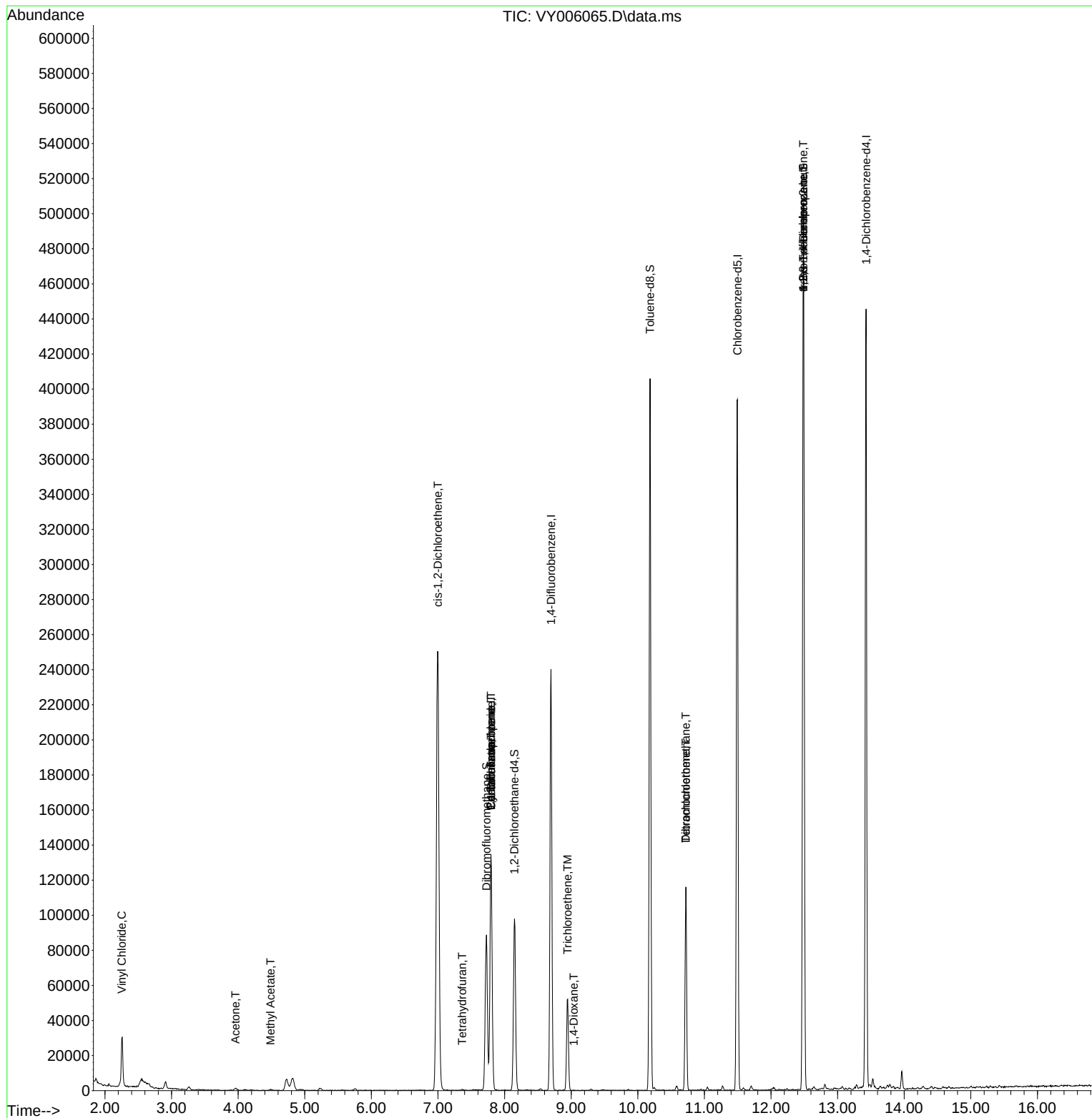
Internal Standards						
1) Pentafluorobenzene	7.795	168	102801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80928	56.674	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.728	113	58501	49.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.185	98	250521	49.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.483	95	98101	57.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.760%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	27363	17.946	ug/l	100
11) Tert butyl alcohol	4.966	59	917	Below Cal	#	77
16) Acetone	3.960	43	2149	5.487	ug/l #	78
18) Methyl Acetate	4.485	43	1143	1.159	ug/l #	86
20) Methylene Chloride	4.722	84	4265	Below Cal	#	83
27) cis-1,2-Dichloroethene	6.996	96	151345	117.862	ug/l	87
29) Tetrahydrofuran	7.362	42	365	1.076	ug/l #	58
31) Cyclohexane	7.795	56	2550	1.115	ug/l #	52
36) 1,1-Dichloropropene	7.795	75	7938	3.866	ug/l #	53
38) Carbon Tetrachloride	7.795	117	10022	4.484	ug/l #	14
44) Trichloroethene	8.947	130	17488	11.919	ug/l	100
49) 1,4-Dioxane	9.039	88	18	1.654	ug/l #	20
60) Dibromochloromethane	10.721	129	20383	15.260	ug/l #	11
64) Tetrachloroethene	10.721	164	23037	13.626	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	59008	51.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59008	95.566	ug/l #	8

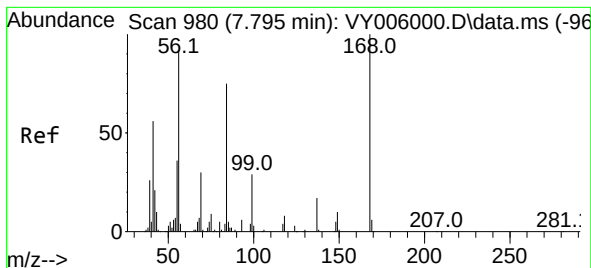
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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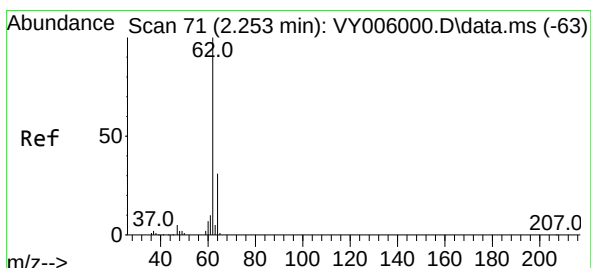
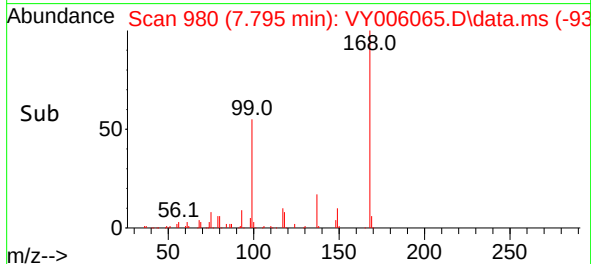
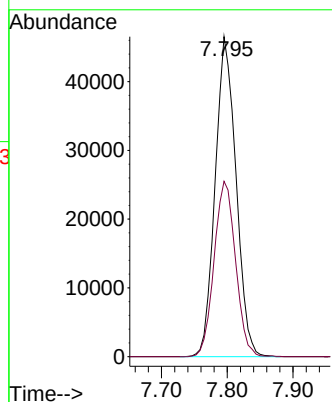
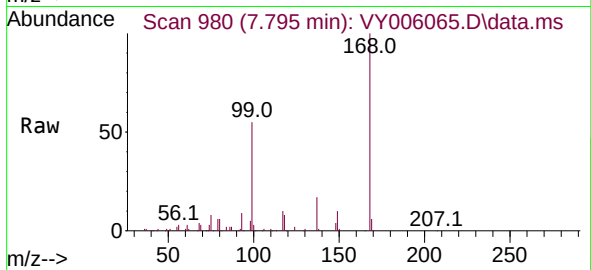




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

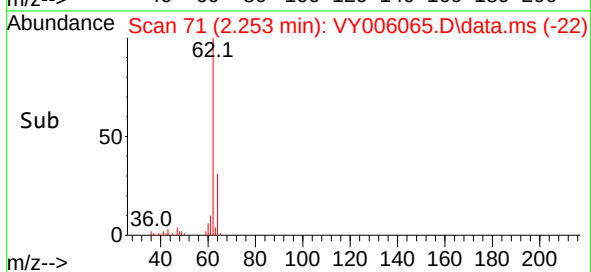
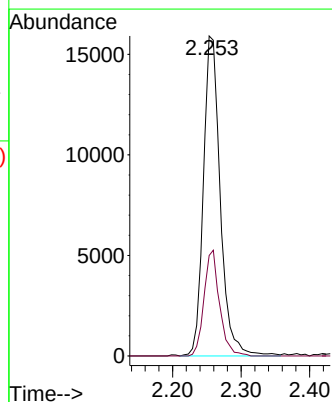
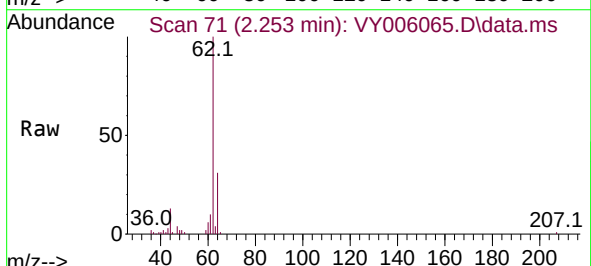
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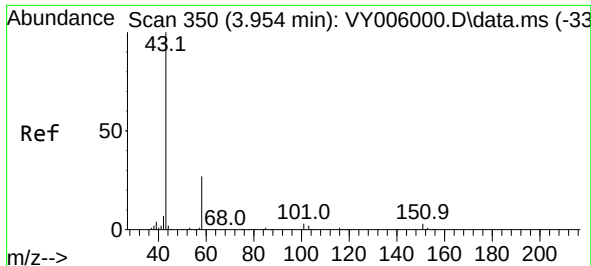
Tgt Ion:168 Resp: 102801
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#4
Vinyl Chloride
Concen: 17.946 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

Tgt Ion: 62 Resp: 27363
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.6

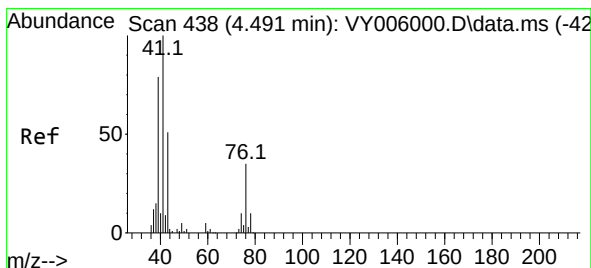
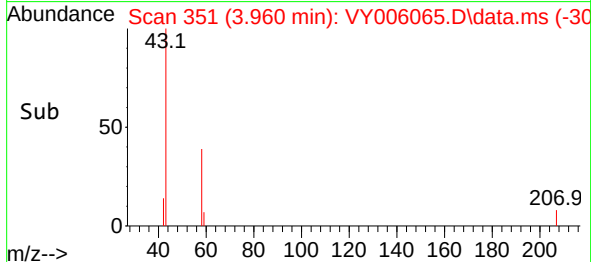
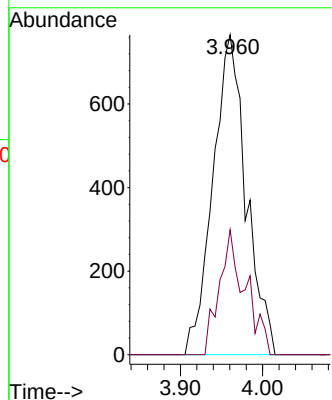
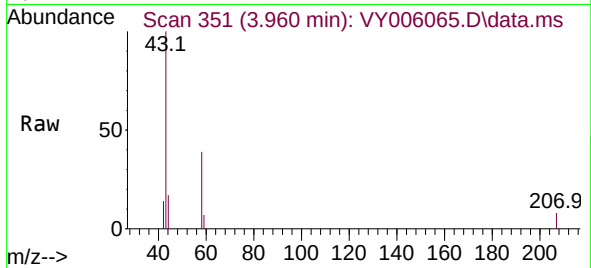




#16
Acetone
Concen: 5.487 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

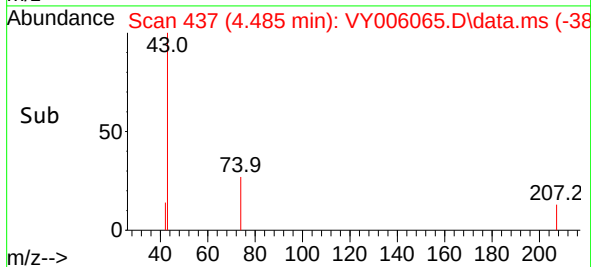
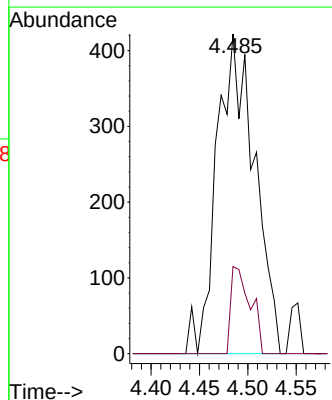
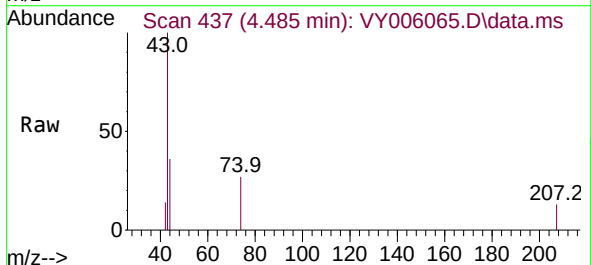
Instrument :
MSVOA_Y
ClientSampleId :
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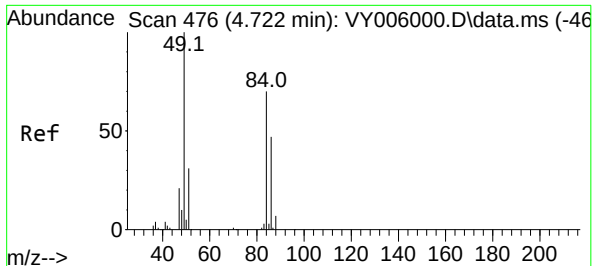
Tgt Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
58 39.0 22.0 33.0#



#18
Methyl Acetate
Concen: 1.159 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

Tgt Ion: 43 Resp: 1143
Ion Ratio Lower Upper
43 100
74 14.0 16.6 24.8#

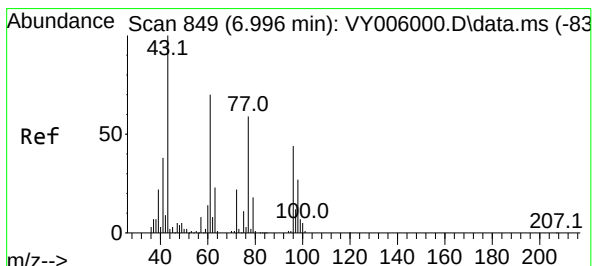
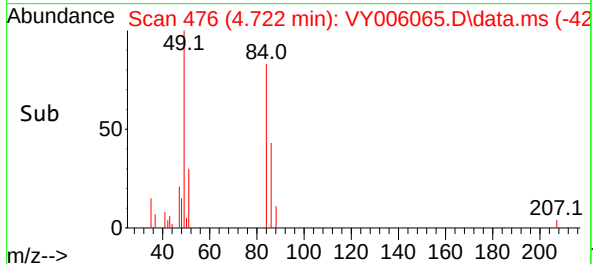
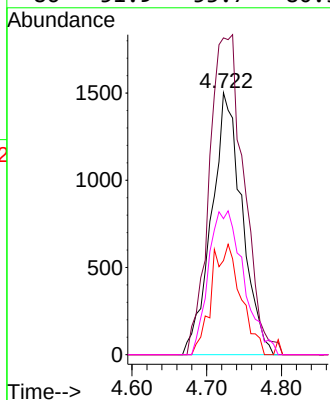
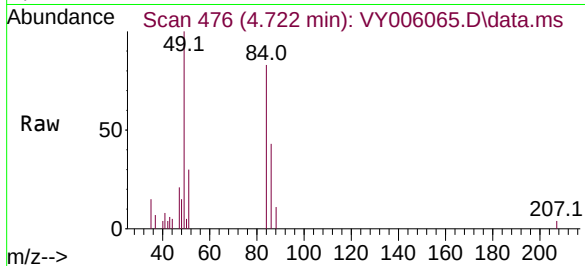




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

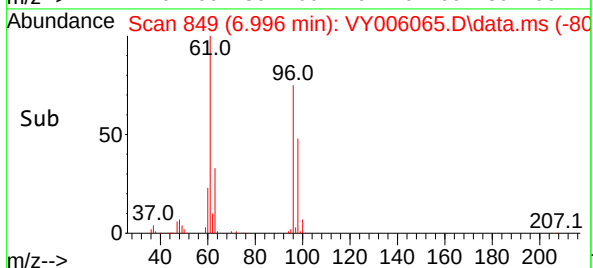
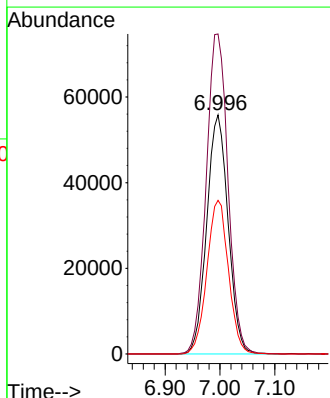
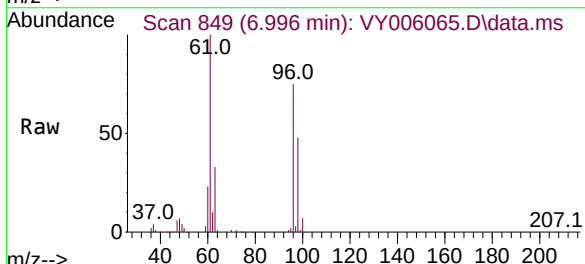
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

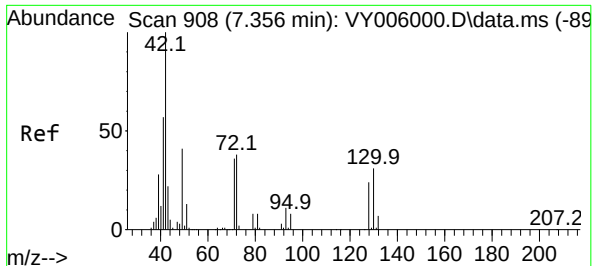
Tgt Ion:	84	Resp:	4265
Ion	Ratio	Lower	Upper
84	100		
49	121.0	114.4	171.6
51	36.0	35.3	52.9
86	51.9	53.7	80.5#



#27
cis-1,2-Dichloroethene
Concen: 117.862 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

Tgt Ion:	96	Resp:	151345
Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	319.8
98	64.6	0.0	127.0





#29

Tetrahydrofuran

Concen: 1.076 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY006065.D

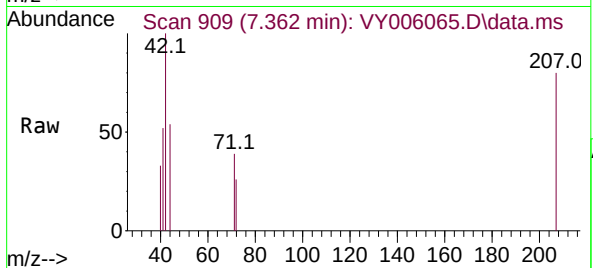
Acq: 17 Sep 2021 12:55

Instrument :

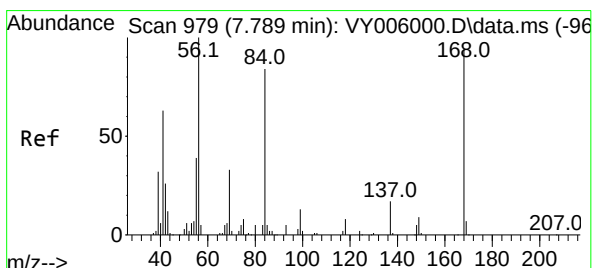
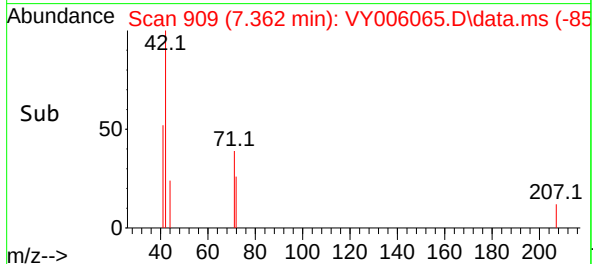
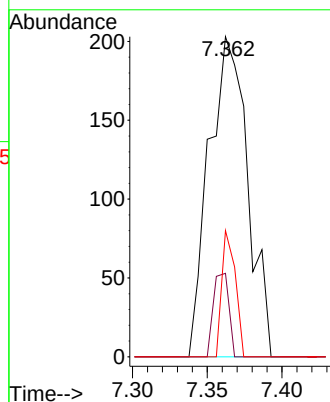
MSVOA_Y

ClientSampleId :

NAPL-AREA-03-(10-12)-END-POINT



Tgt Ion:	42	Resp:	365
Ion	Ratio	Lower	Upper
42	100		
72	10.4	30.3	45.5#
71	13.7	29.0	43.4#



#31

Cyclohexane

Concen: 1.115 ug/l

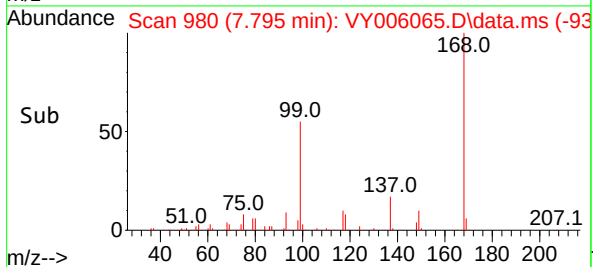
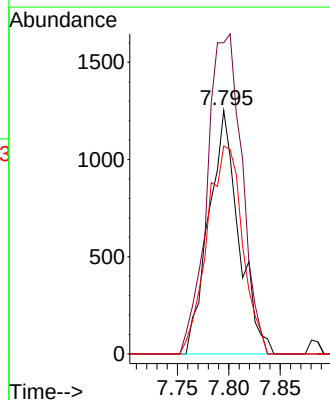
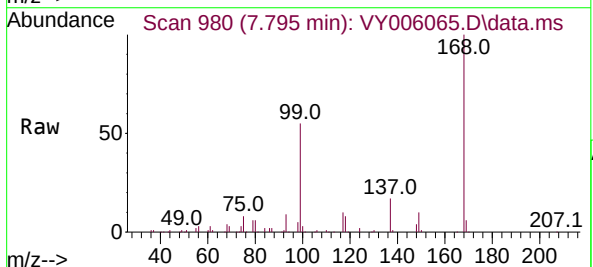
RT: 7.795 min Scan# 980

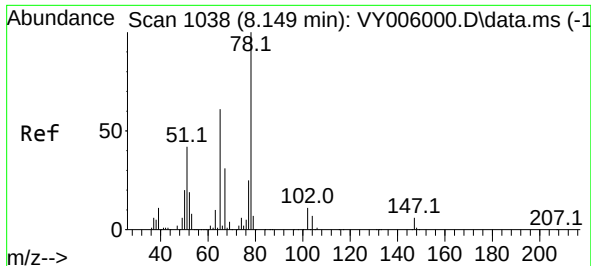
Delta R.T. 0.006 min

Lab File: VY006065.D

Acq: 17 Sep 2021 12:55

Tgt Ion:	56	Resp:	2550
Ion	Ratio	Lower	Upper
56	100		
69	127.8	26.7	40.1#
84	85.4	67.2	100.8

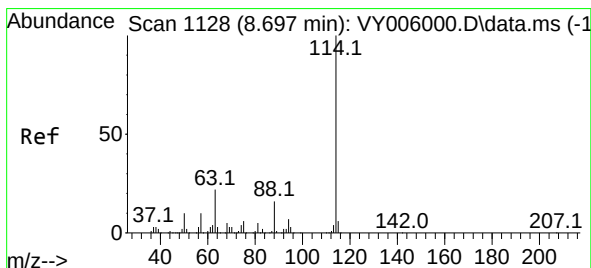
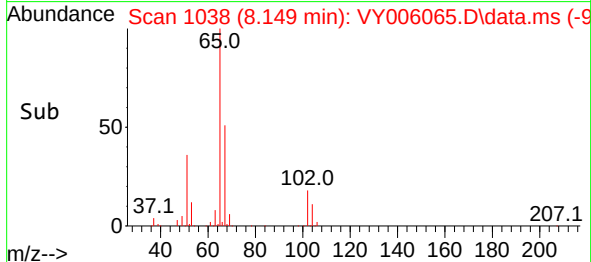
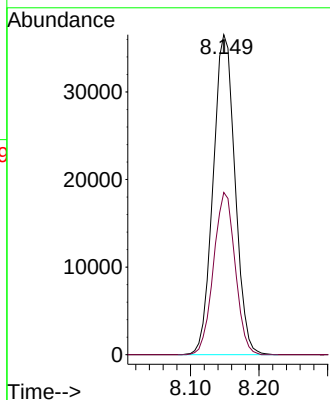
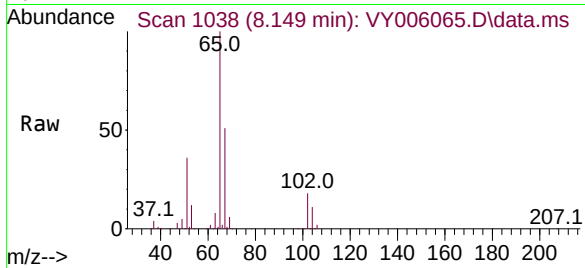




#33
 1,2-Dichloroethane-d4
 Concen: 56.674 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006065.D
 Acq: 17 Sep 2021 12:55

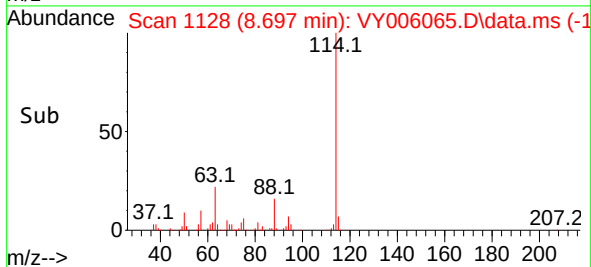
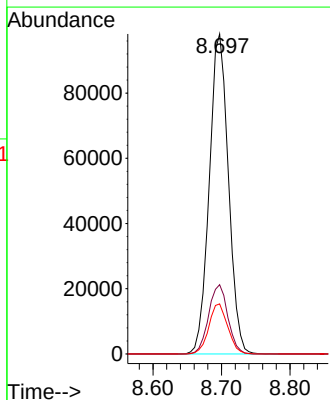
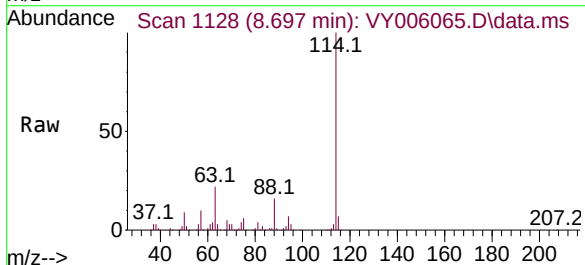
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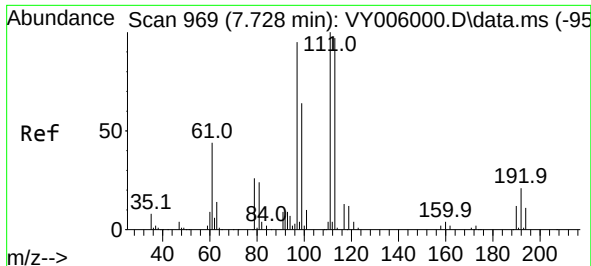
Tgt Ion: 65 Resp: 80928
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006065.D
 Acq: 17 Sep 2021 12:55

Tgt Ion: 114 Resp: 190230
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.6 0.0 31.8

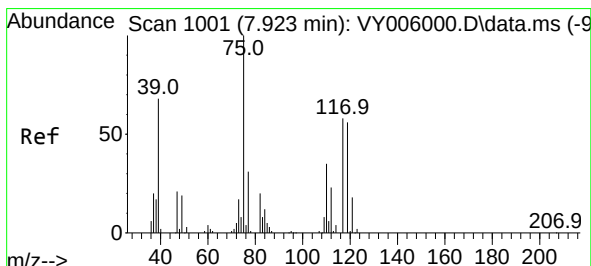
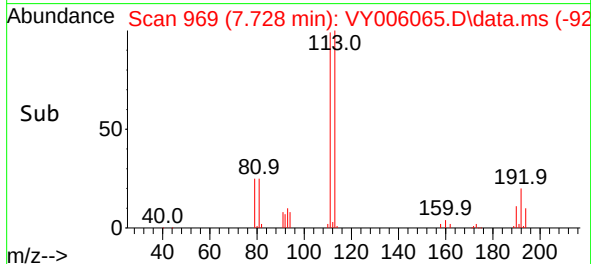
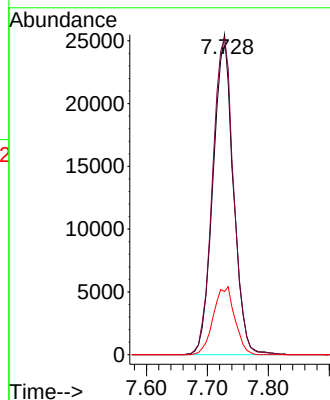
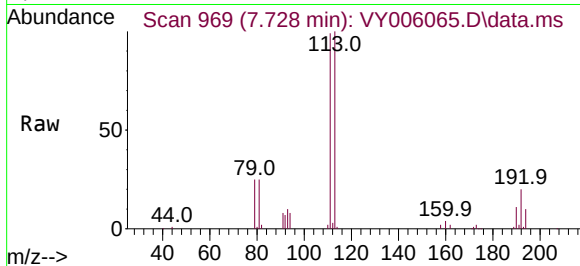




#35
Dibromofluoromethane
Concen: 49.512 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

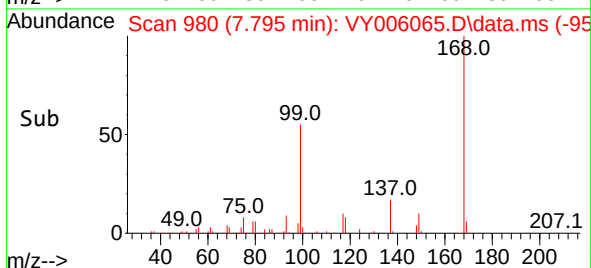
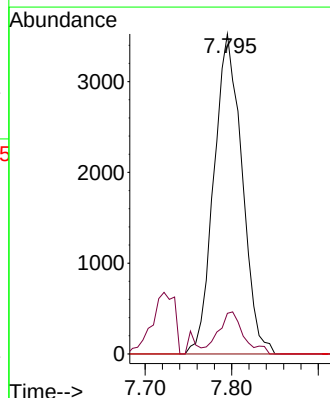
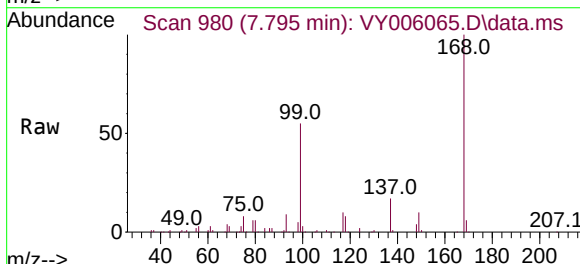
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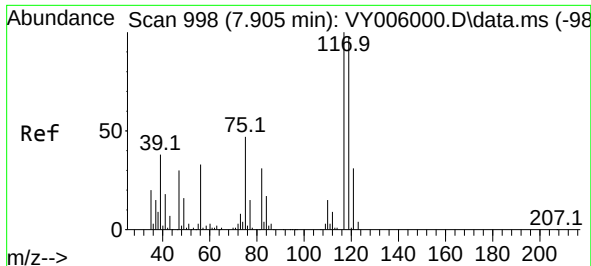
Tgt Ion:	113	Resp:	58501
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	22.6	17.6	26.4



#36
1,1-Dichloropropene
Concen: 3.866 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

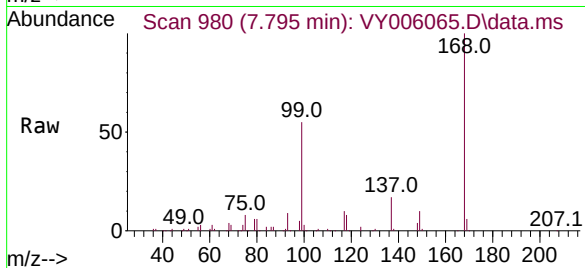
Tgt Ion:	75	Resp:	7938
Ion	Ratio	Lower	Upper
75	100		
110	11.8	17.1	51.2#
77	0.0	24.4	36.6#



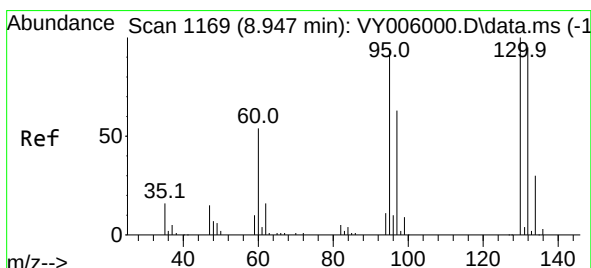
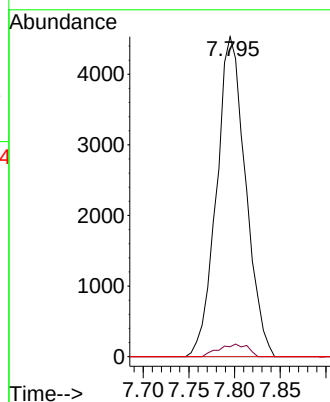
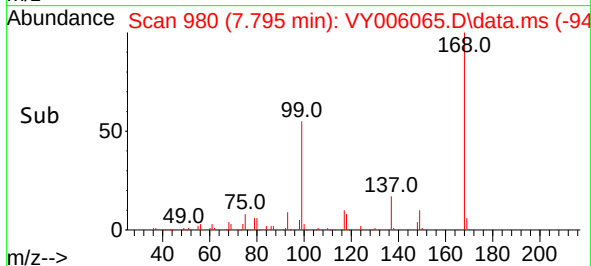


#38
Carbon Tetrachloride
Concen: 4.484 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

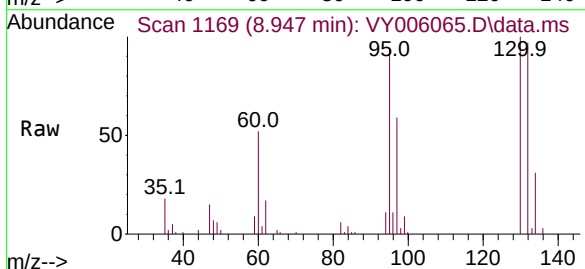
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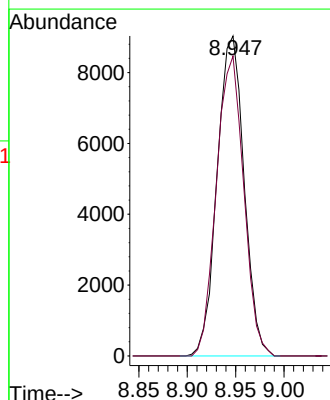
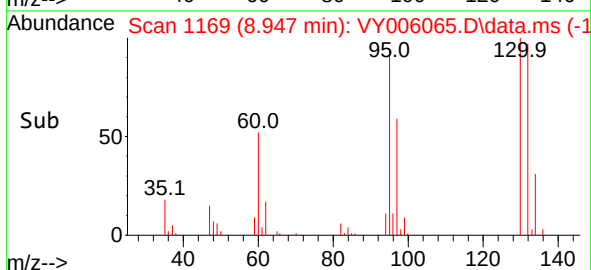
Tgt Ion:117 Resp: 10022
Ion Ratio Lower Upper
117 100
119 3.1 77.9 116.9#
121 0.0 24.8 37.2#

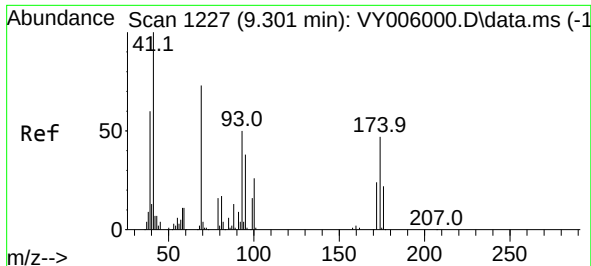


#44
Trichloroethene
Concen: 11.919 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55



Tgt Ion:130 Resp: 17488
Ion Ratio Lower Upper
130 100
95 93.7 0.0 188.2

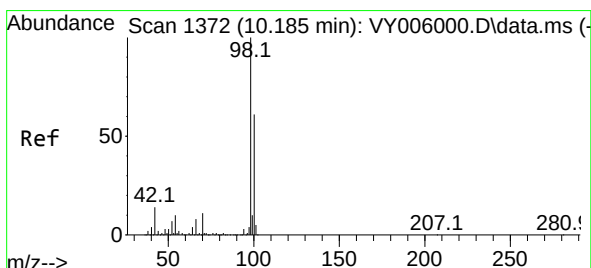
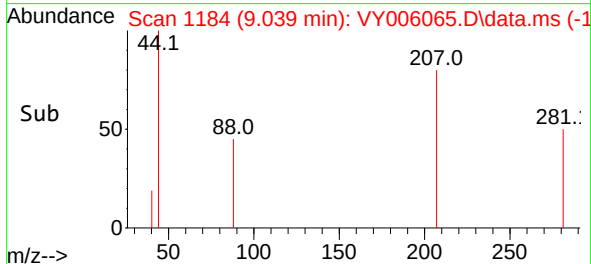
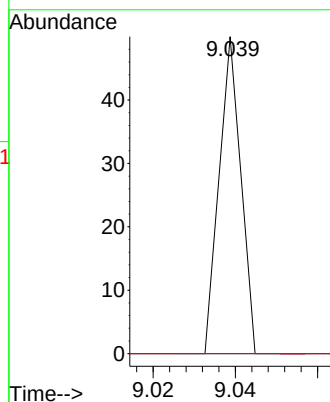
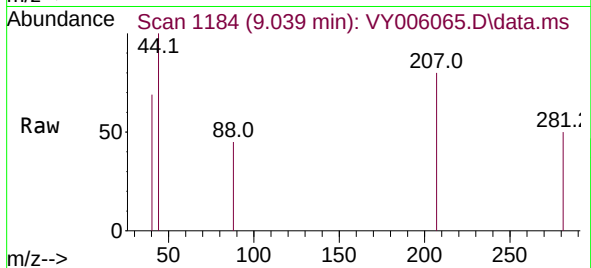




#49
1,4-Dioxane
Concen: 1.654 ug/l
RT: 9.039 min Scan# 1184
Delta R.T. -0.262 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

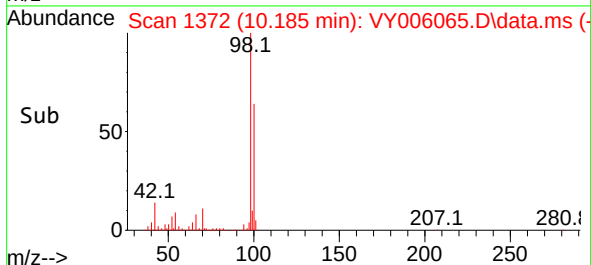
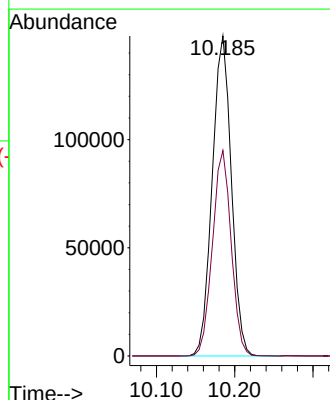
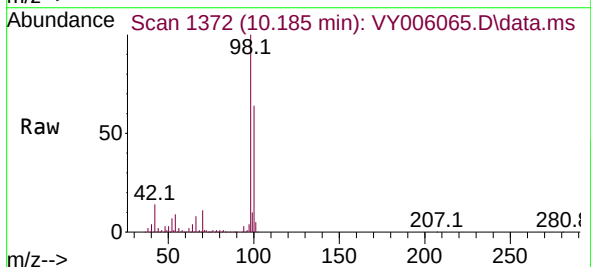
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

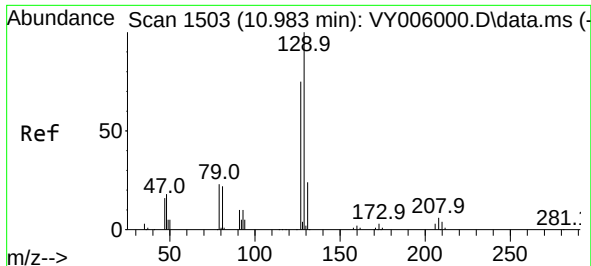
Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#



#50
Toluene-d8
Concen: 49.748 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

Tgt Ion: 98 Resp: 250521
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2

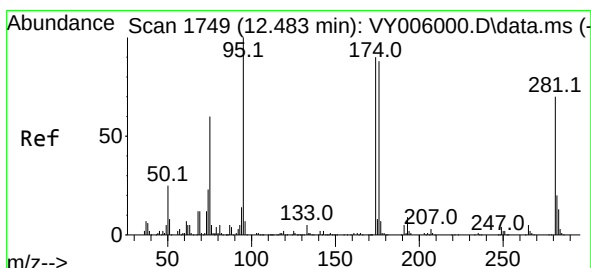
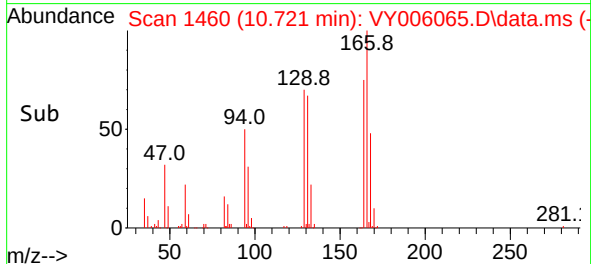
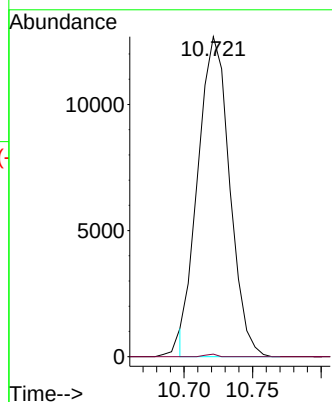
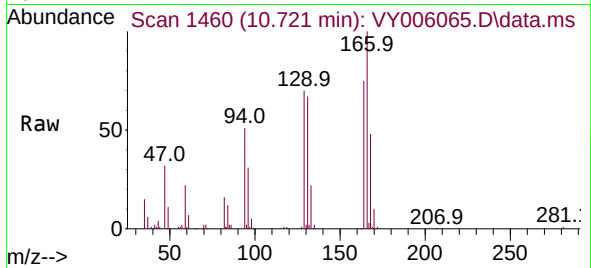




#60
Dibromochloromethane
Concen: 15.260 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

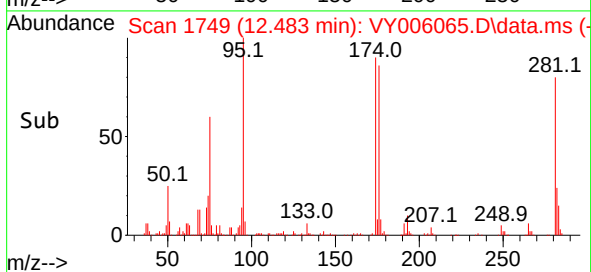
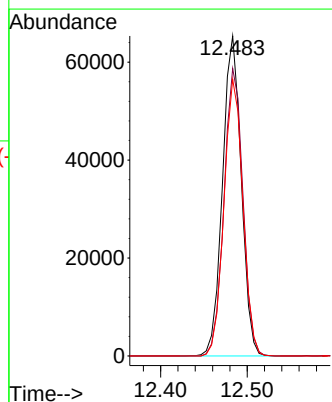
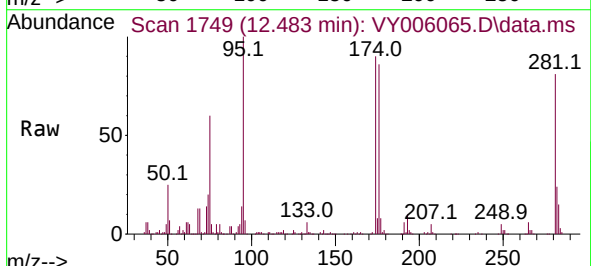
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

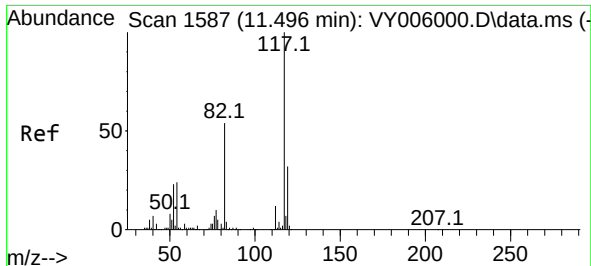
Tgt Ion:129 Resp: 20383
Ion Ratio Lower Upper
129 100
127 0.3 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 57.377 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

Tgt Ion: 95 Resp: 98101
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 87.3 0.0 175.8

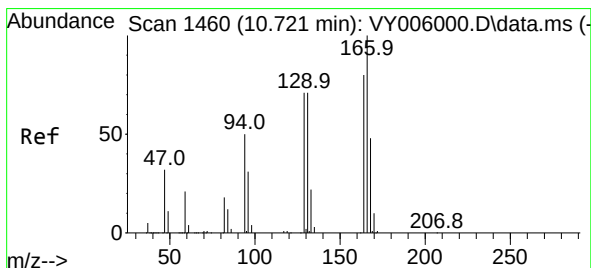
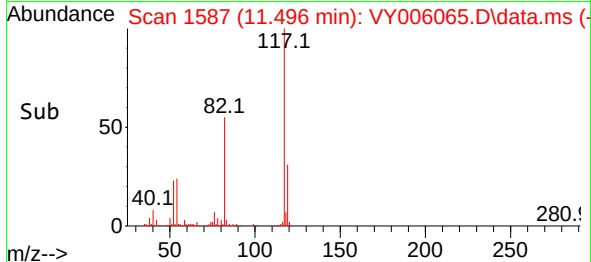
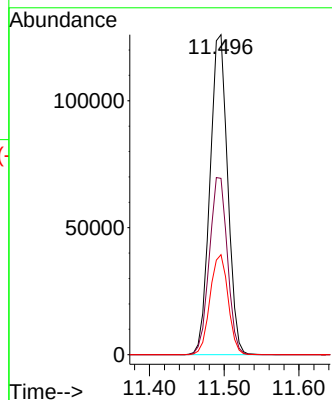
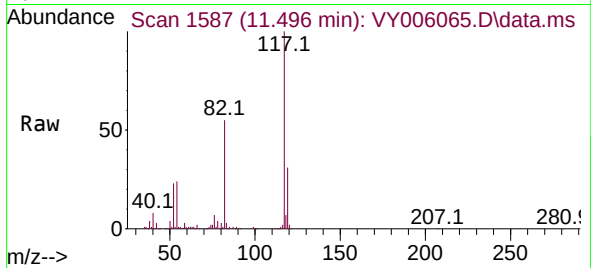




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

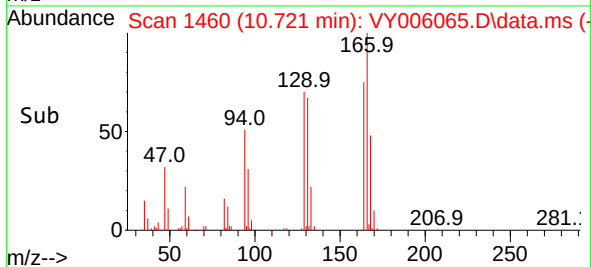
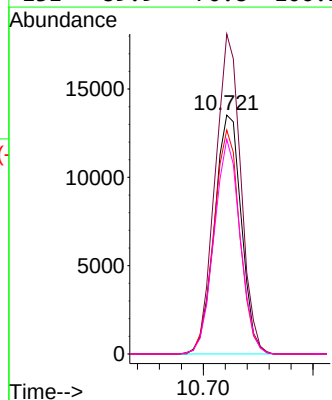
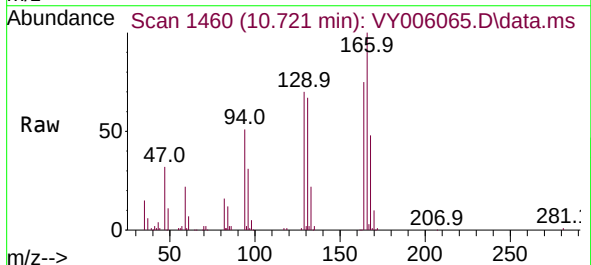
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

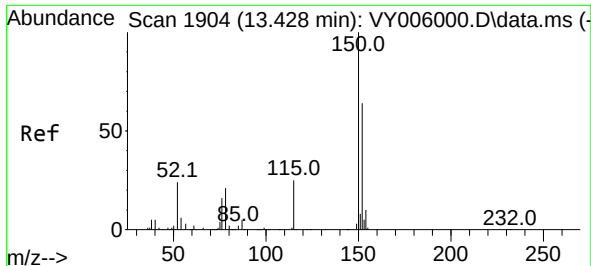
Tgt Ion:	117	Resp:	206707
Ion Ratio	Lower	Upper	
117	100		
82	55.1	43.0	64.4
119	31.2	25.4	38.0



#64
Tetrachloroethene
Concen: 13.626 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006065.D
Acq: 17 Sep 2021 12:55

Tgt Ion:	164	Resp:	23037
Ion Ratio	Lower	Upper	
164	100		
166	133.9	100.4	150.6
129	93.8	71.4	107.0
131	89.9	70.8	106.2

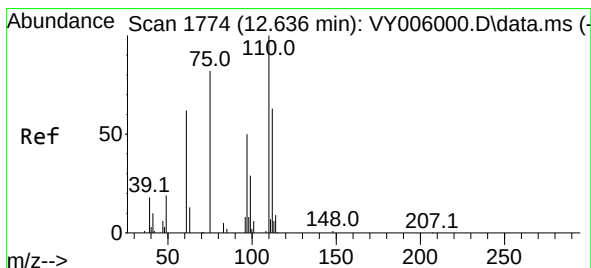
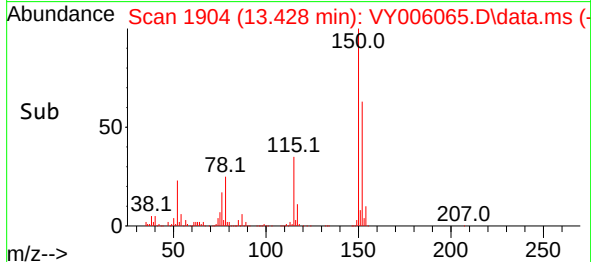
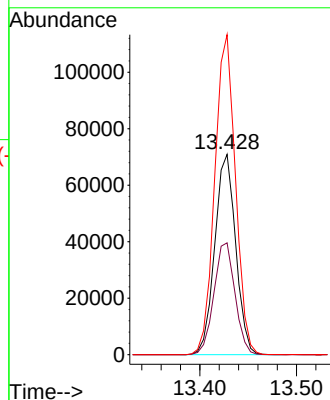
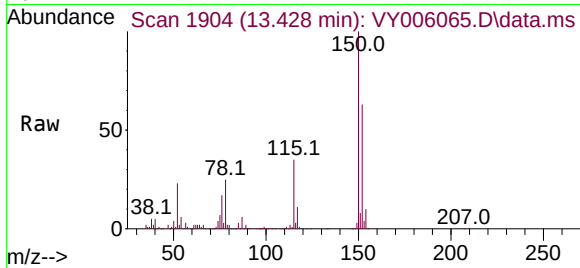




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006065.D
 Acq: 17 Sep 2021 12:55

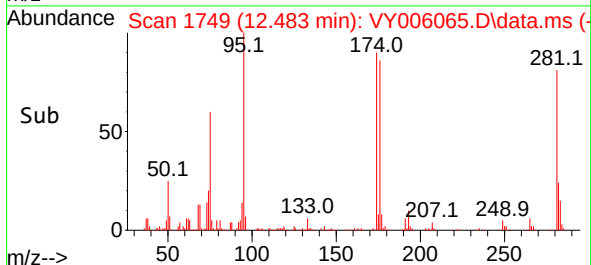
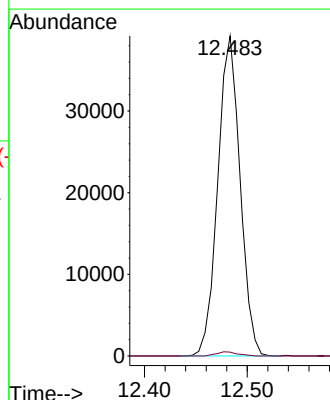
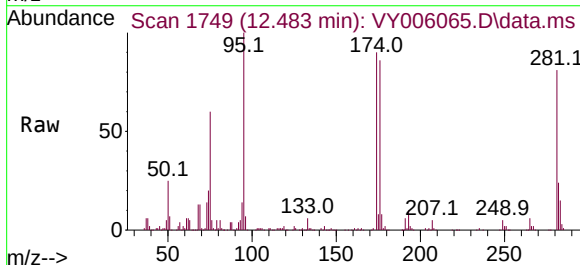
Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-03-(10-12)-END-POINT

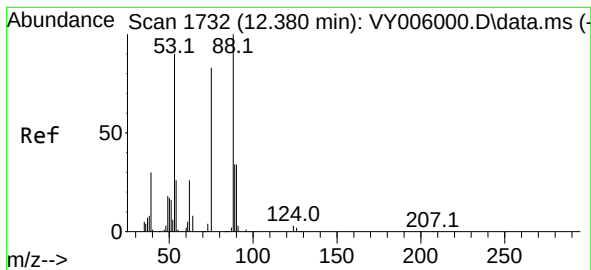
Tgt Ion:152 Resp: 106473
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.980 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006065.D
 Acq: 17 Sep 2021 12:55

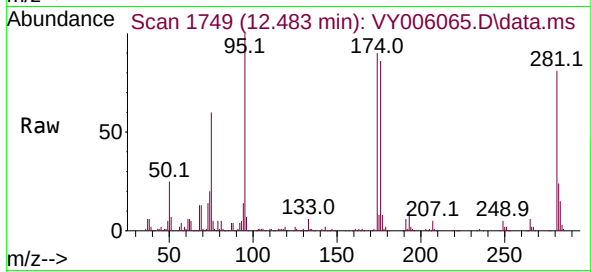
Tgt Ion: 75 Resp: 59008
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.566 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006065.D
 Acq: 17 Sep 2021 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-03-(10-12)-END-POINT



Tgt Ion: 75 Resp: 59008
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.9 37.0 55.4#

