

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006056.D
 Acq On : 16 Sep 2021 18:24
 Operator : SY/MD
 Sample : M3750-05
 Misc : 6.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 17 02:46:54 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)

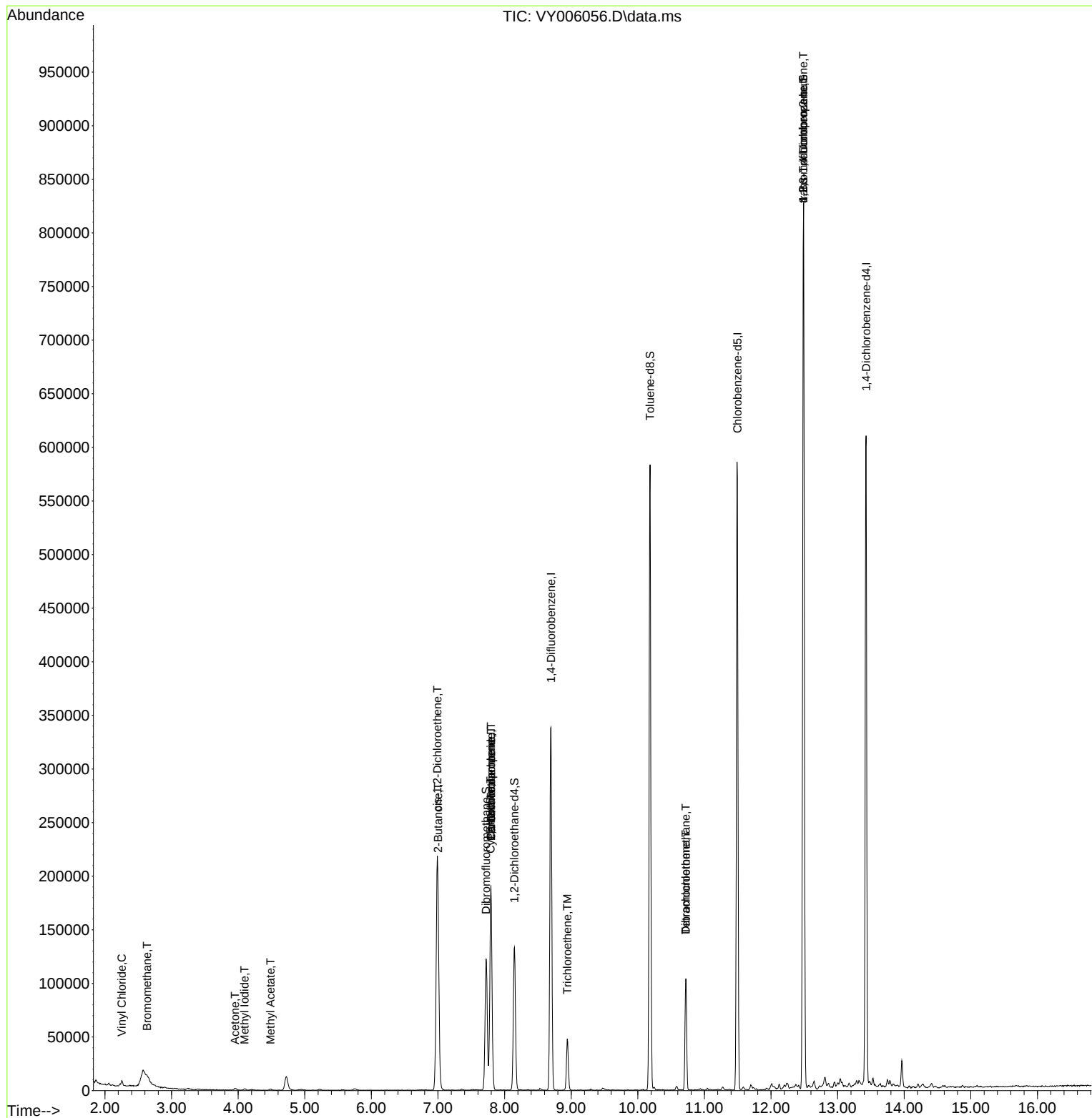
Internal Standards						
1) Pentafluorobenzene	7.795	168	145878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	276567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	297377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111362	54.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.920%	
35) Dibromofluoromethane	7.722	113	84462	49.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.340%	
50) Toluene-d8	10.185	98	362561	49.521	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.483	95	145028	58.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.680%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	4395	2.031	ug/l	94
5) Bromomethane	2.631	94	1468	1.046	ug/l	94
10) Methyl Iodide	4.094	142	2006	1.346	ug/l #	89
11) Tert butyl alcohol	4.948	59	969	Below Cal	#	77
16) Acetone	3.954	43	2779	5.000	ug/l #	89
18) Methyl Acetate	4.485	43	1839	1.314	ug/l #	88
25) 2-Butanone	7.002	43	878	1.146	ug/l #	1
27) cis-1,2-Dichloroethene	6.990	96	127767	70.118	ug/l	89
31) Cyclohexane	7.789	56	3441	1.060	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	12117	4.059	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14250	4.385	ug/l #	16
44) Trichloroethene	8.941	130	15707	7.363	ug/l	88
60) Dibromochloromethane	10.721	129	19290	9.934	ug/l #	11
64) Tetrachloroethene	10.721	164	23080	9.489	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	85633	53.149	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85633	97.716	ug/l #	8

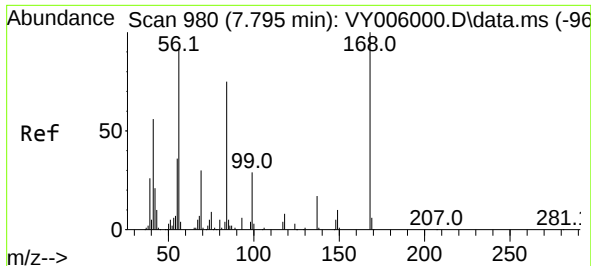
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006056.D
Acq On : 16 Sep 2021 18:24
Operator : SY/MD
Sample : M3750-05
Misc : 6.49G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 17 02:46:54 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

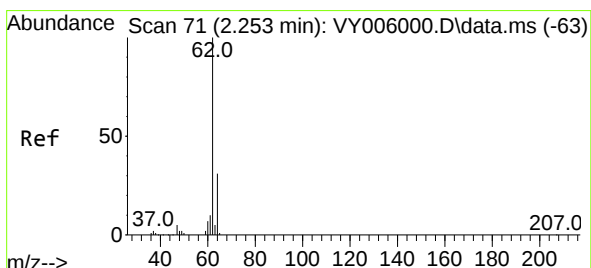
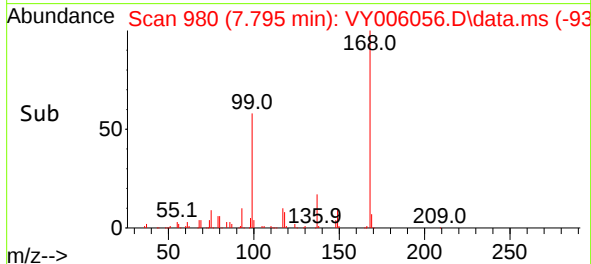
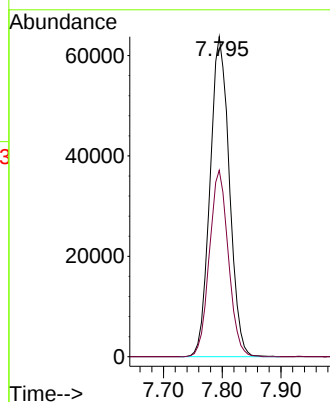
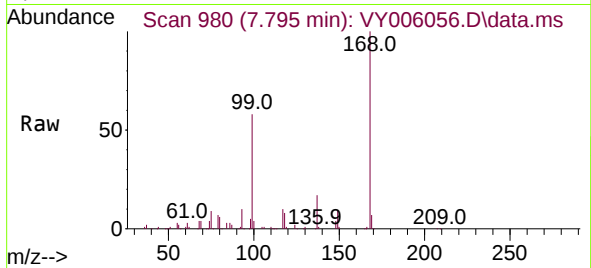




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

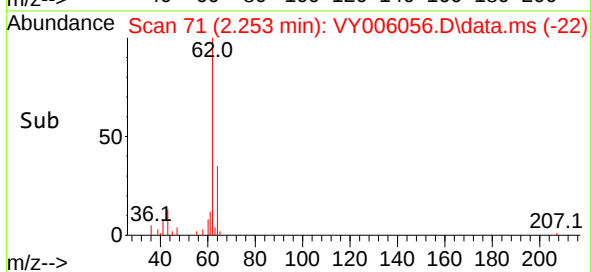
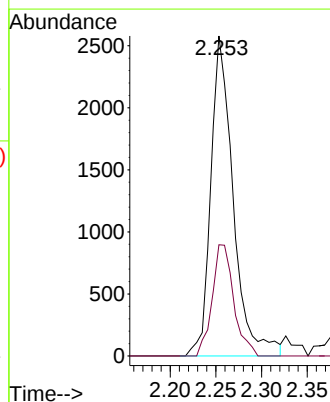
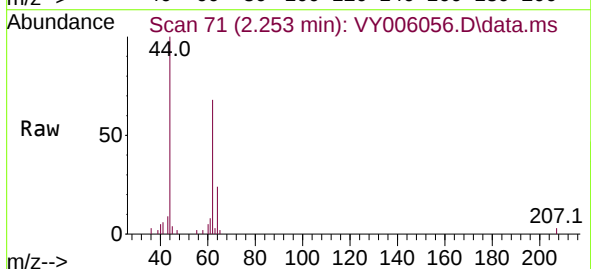
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

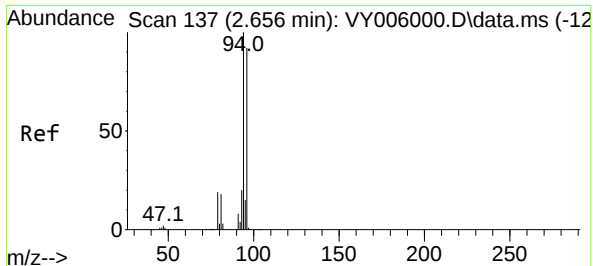
Tgt Ion:168 Resp: 145878
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#4
Vinyl Chloride
Concen: 2.031 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

Tgt Ion: 62 Resp: 4395
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.6

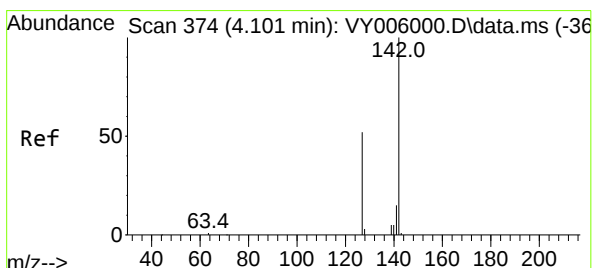
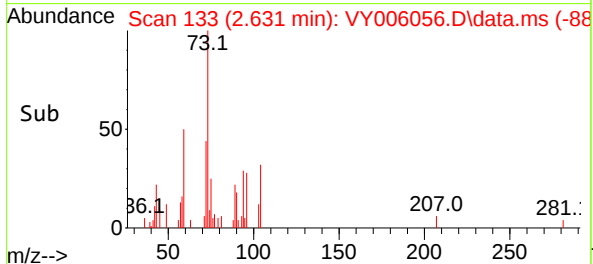
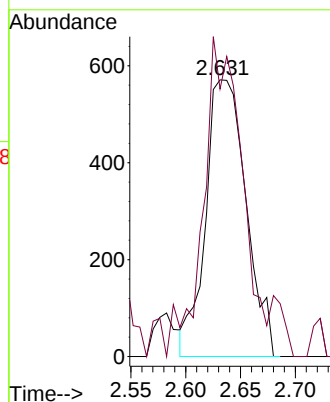
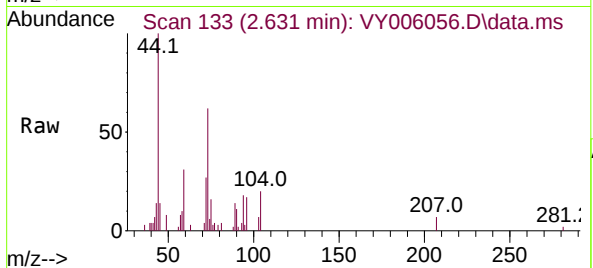




#5
Bromomethane
Concen: 1.046 ug/l
RT: 2.631 min Scan# 133
Delta R.T. -0.024 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

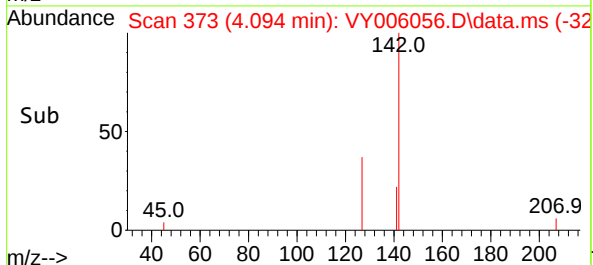
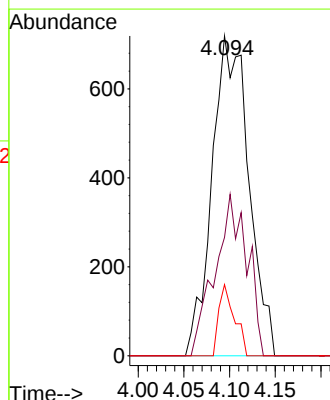
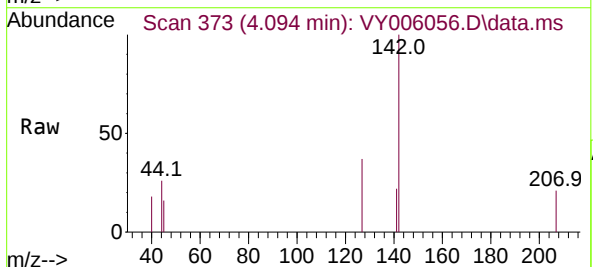
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

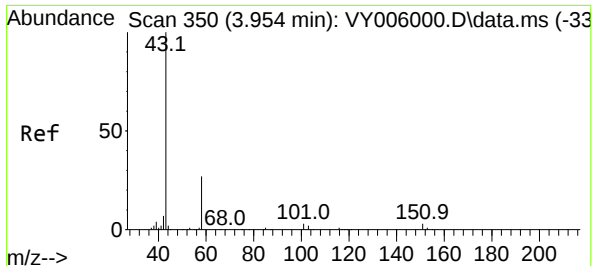
Tgt Ion: 94 Resp: 1468
Ion Ratio Lower Upper
94 100
96 86.2 73.5 110.3



#10
Methyl Iodide
Concen: 1.346 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

Tgt Ion: 142 Resp: 2006
Ion Ratio Lower Upper
142 100
127 44.3 41.5 62.3
141 9.5 11.9 17.9#

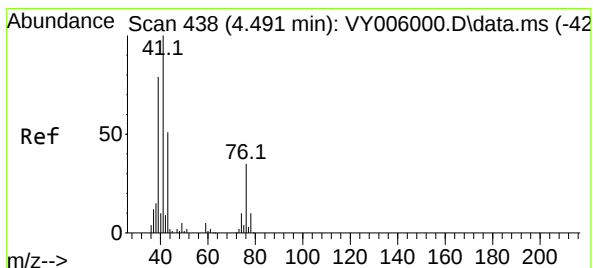
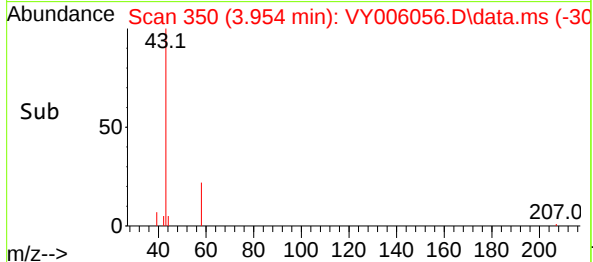
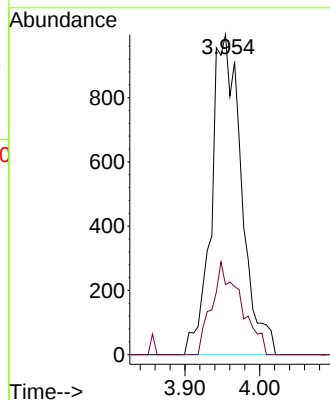
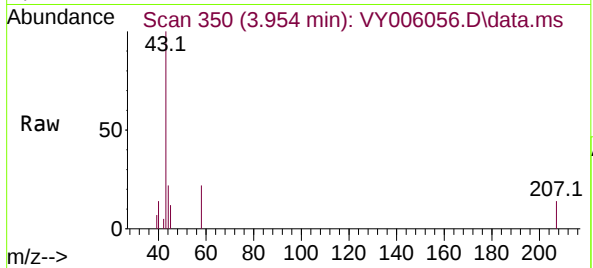




#16
Acetone
Concen: 5.000 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

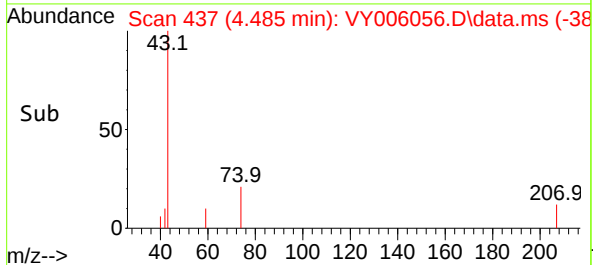
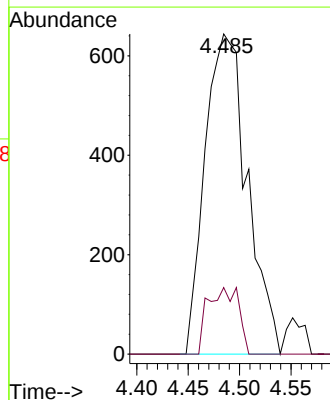
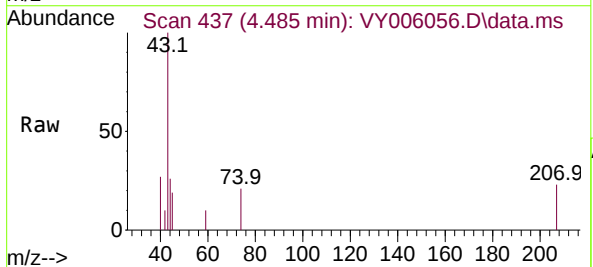
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

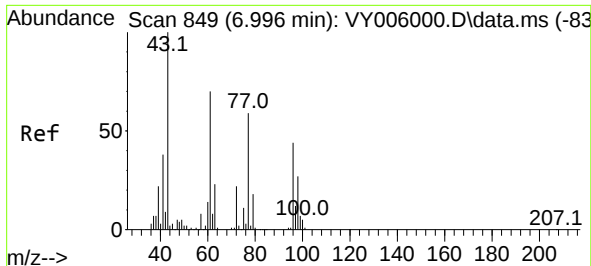
Tgt Ion: 43 Resp: 2779
Ion Ratio Lower Upper
43 100
58 21.9 22.0 33.0#



#18
Methyl Acetate
Concen: 1.314 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
74 15.1 16.6 24.8#

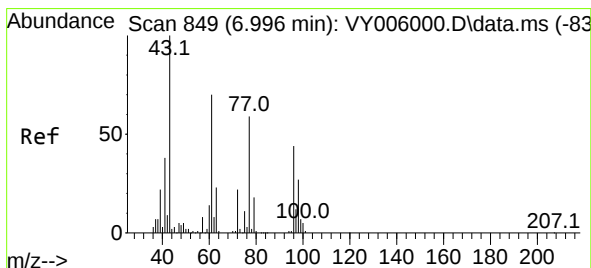
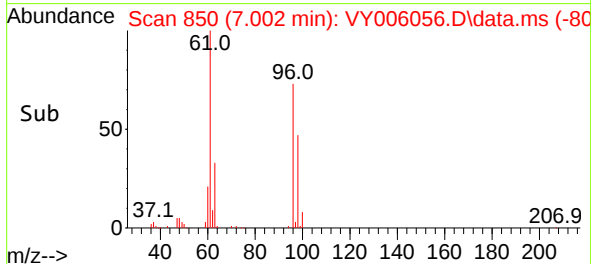
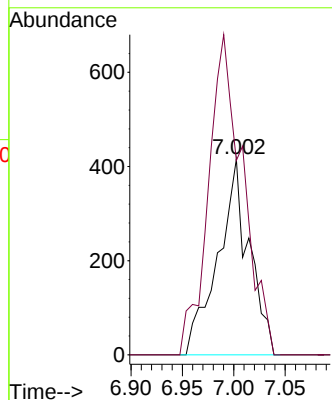
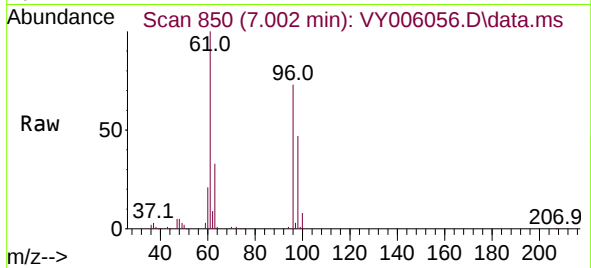




#25
2-Butanone
Concen: 1.146 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

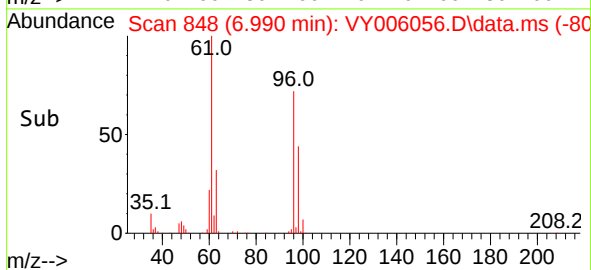
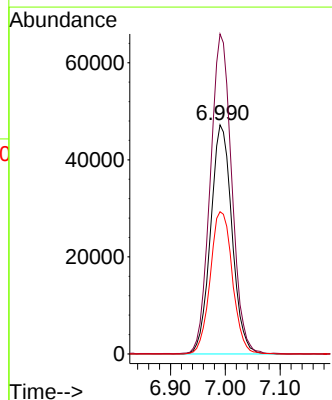
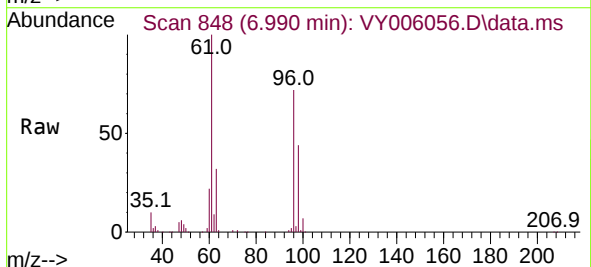
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

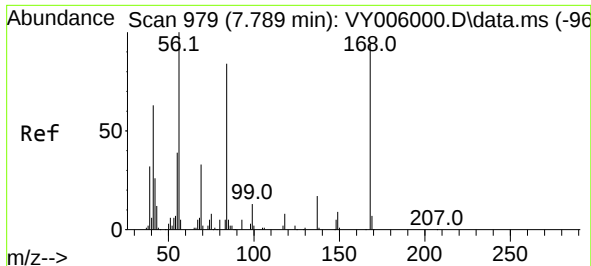
Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
72 99.3 17.7 26.5#



#27
cis-1,2-Dichloroethene
Concen: 70.118 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

Tgt Ion: 96 Resp: 127767
Ion Ratio Lower Upper
96 100
61 140.1 0.0 319.8
98 64.4 0.0 127.0

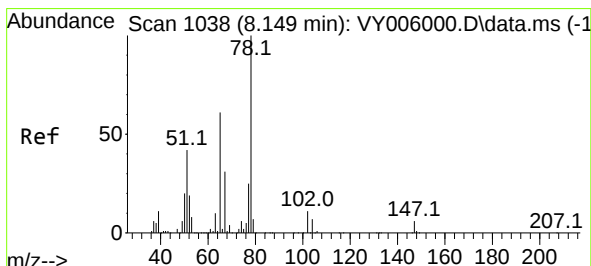
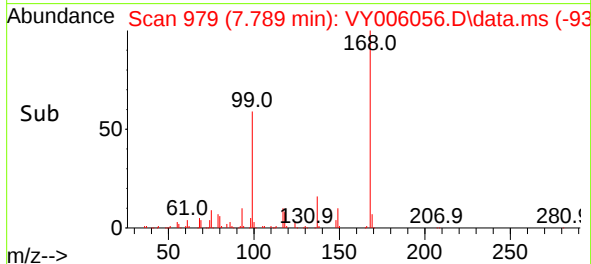
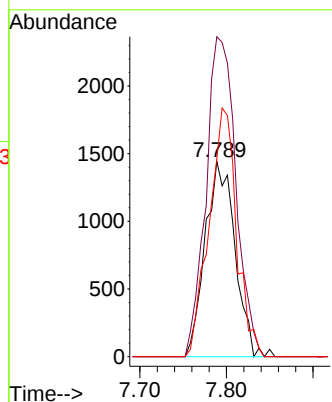
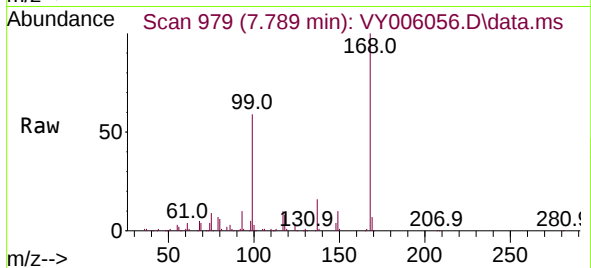




#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

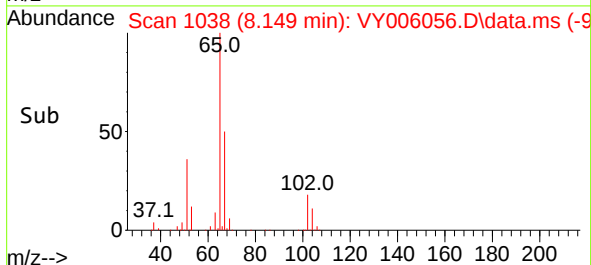
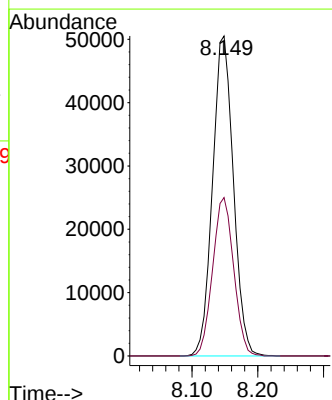
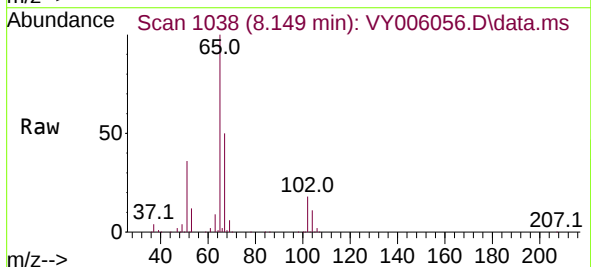
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

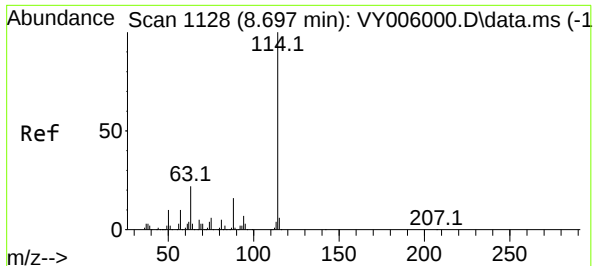
Tgt Ion: 56 Resp: 3441
Ion Ratio Lower Upper
56 100
69 163.8 26.7 40.1#
84 101.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.957 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

Tgt Ion: 65 Resp: 111362
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4

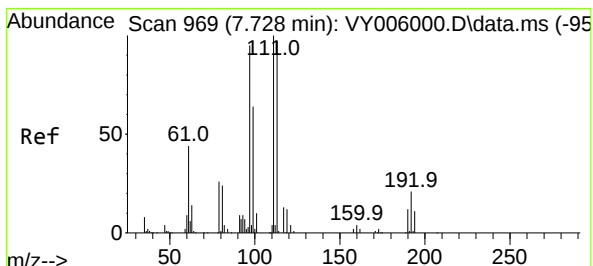
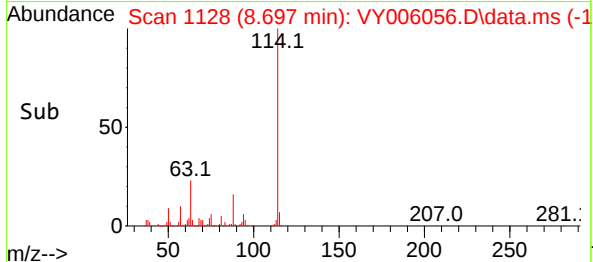
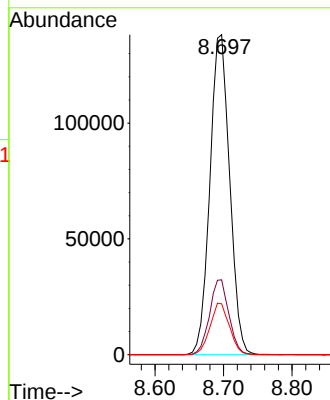
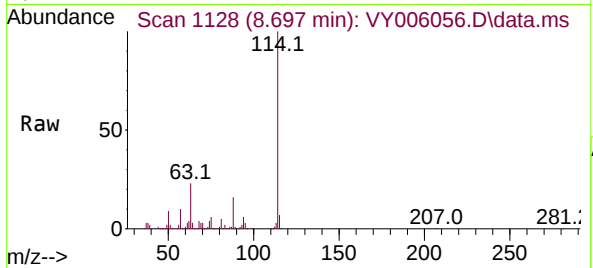




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

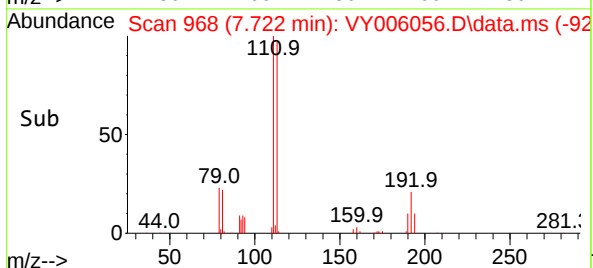
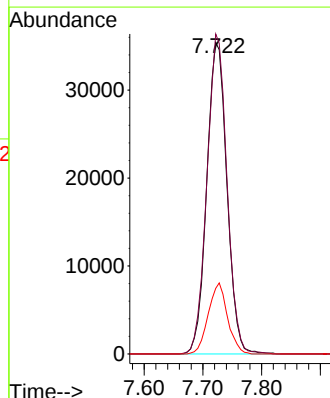
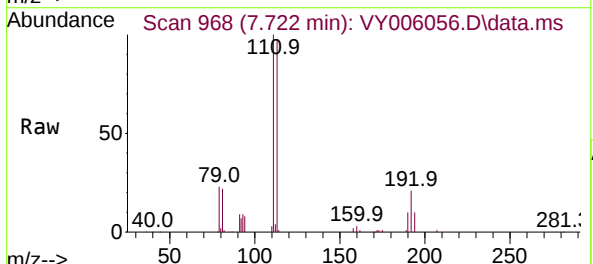
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

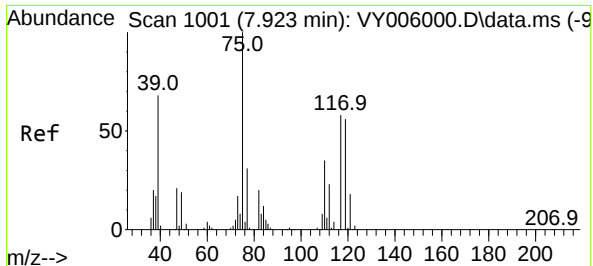
Tgt Ion:	114	Resp:	276567
Ion Ratio	Lower	Upper	
114	100		
63	23.4	0.0	43.2
88	15.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 49.169 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

Tgt Ion:	113	Resp:	84462
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.6	124.0
192	21.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.059 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006056.D

Acq: 16 Sep 2021 18:24

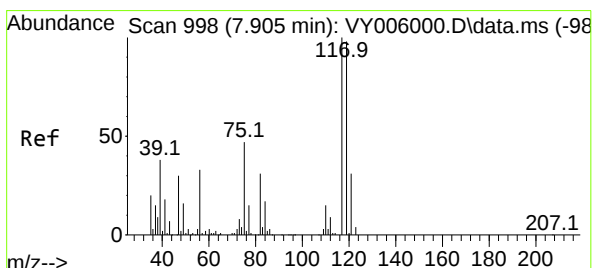
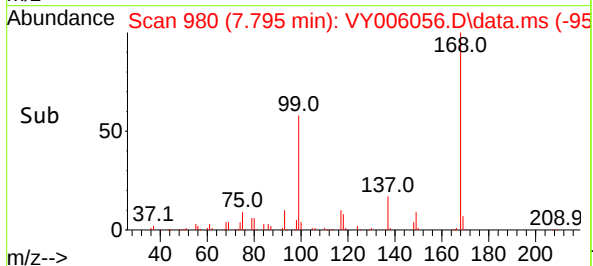
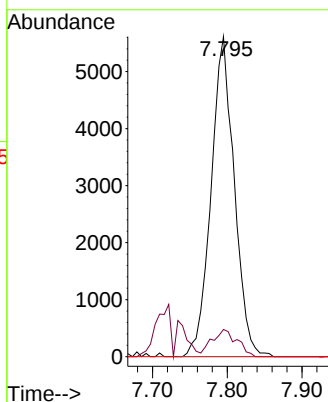
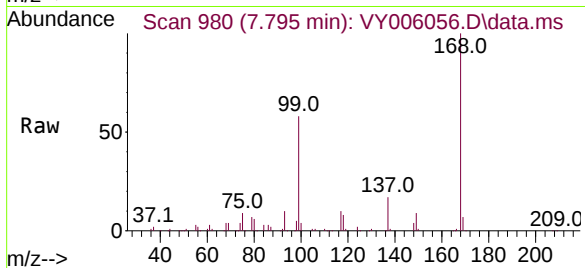
Instrument :

MSVOA_Y

ClientSampleId :

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

Tgt Ion:	75	Resp:	12117
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.385 ug/l

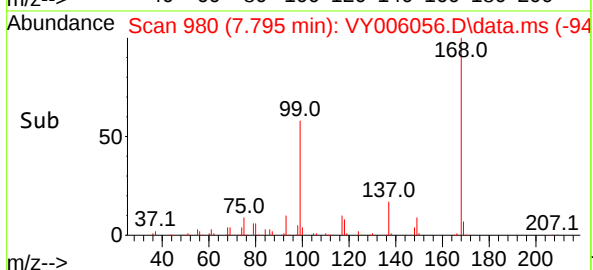
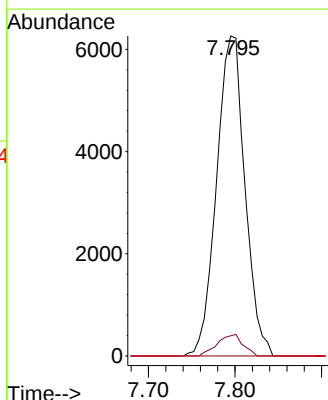
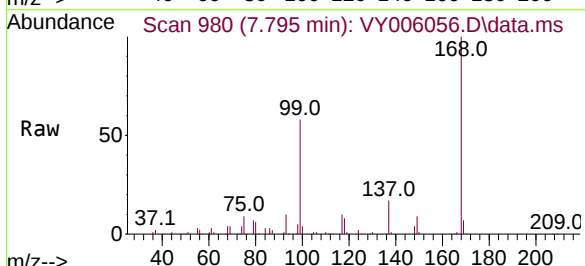
RT: 7.795 min Scan# 980

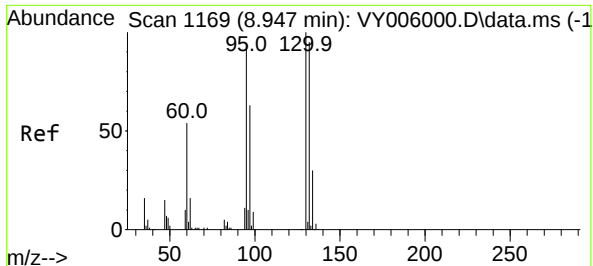
Delta R.T. -0.110 min

Lab File: VY006056.D

Acq: 16 Sep 2021 18:24

Tgt Ion:	117	Resp:	14250
Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.9	116.9#
121	0.0	24.8	37.2#

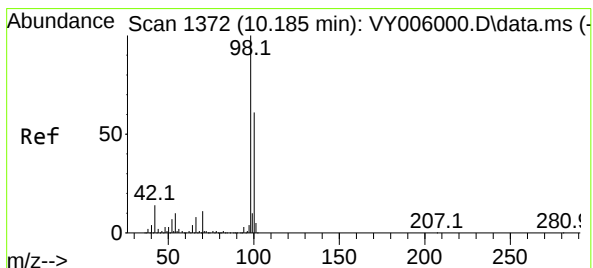
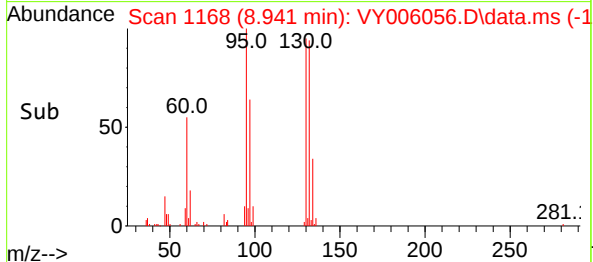
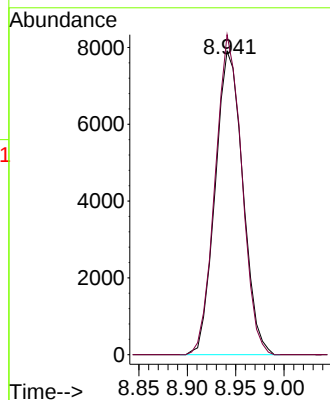
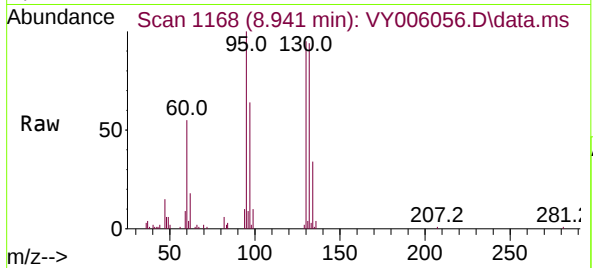




#44
Trichloroethene
Concen: 7.363 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

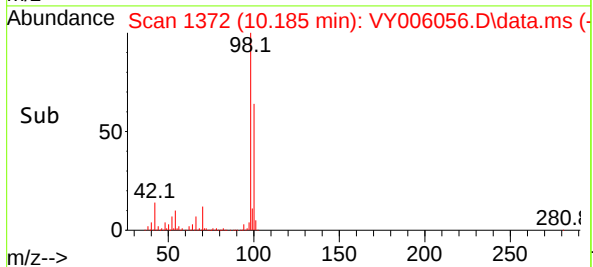
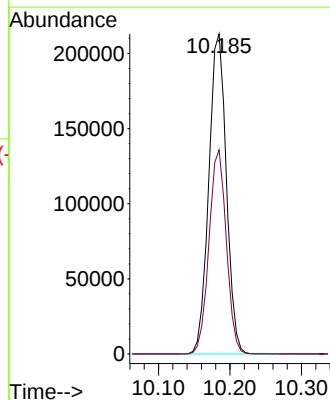
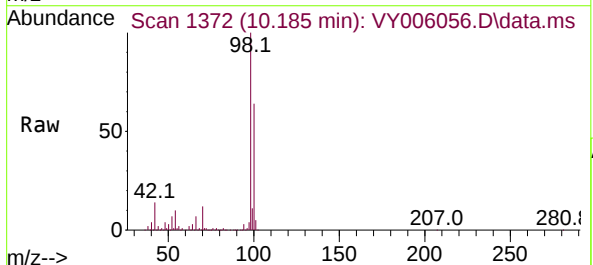
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

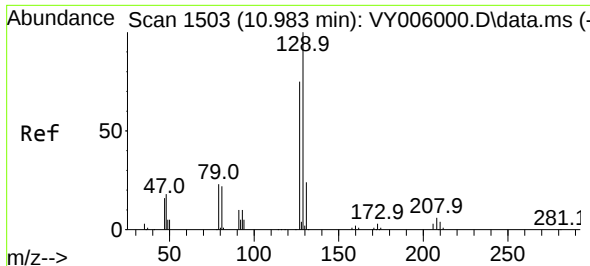
Tgt Ion:130 Resp: 15707
Ion Ratio Lower Upper
130 100
95 105.5 0.0 188.2



#50
Toluene-d8
Concen: 49.521 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

Tgt Ion: 98 Resp: 362561
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

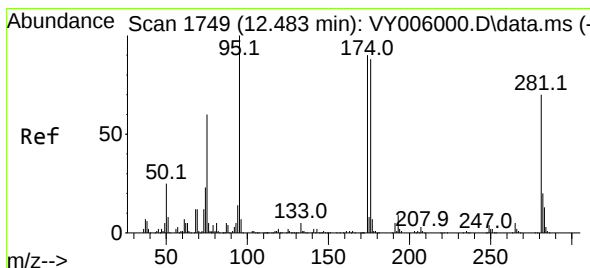
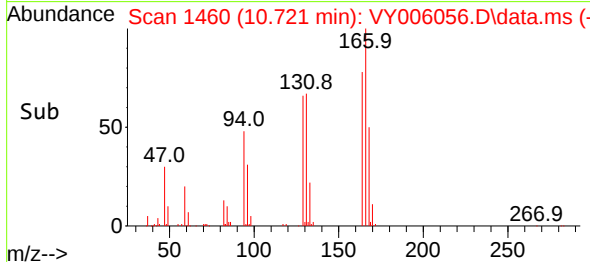
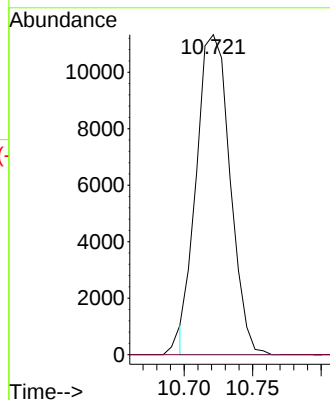
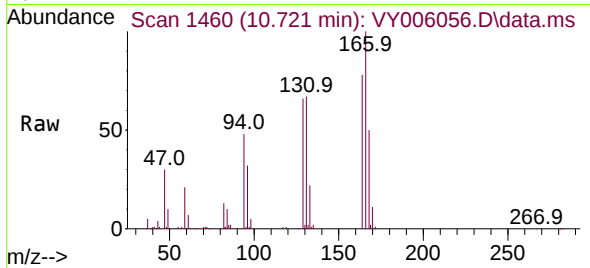




#60
Dibromochloromethane
Concen: 9.934 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

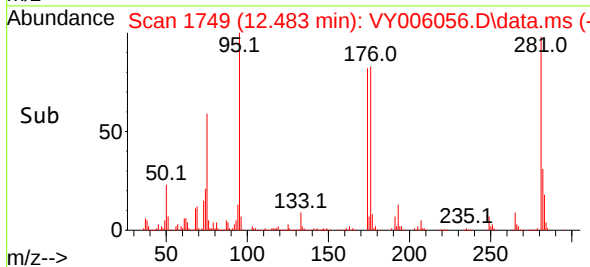
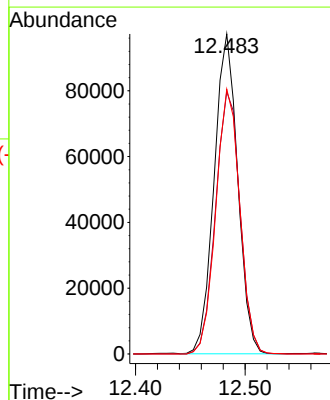
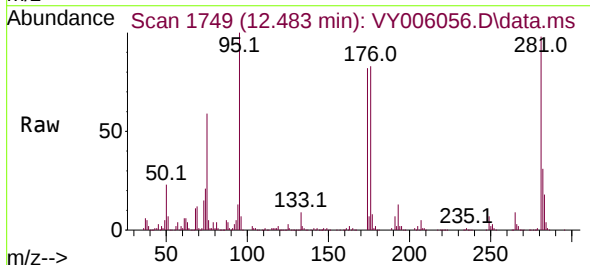
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

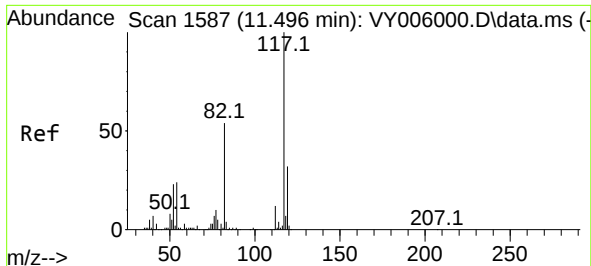
Tgt Ion:129 Resp: 19290
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 58.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

Tgt Ion: 95 Resp: 145028
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 84.3 0.0 175.8

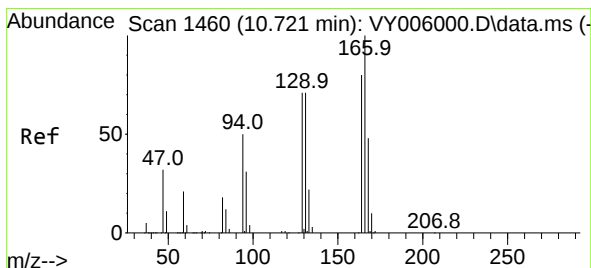
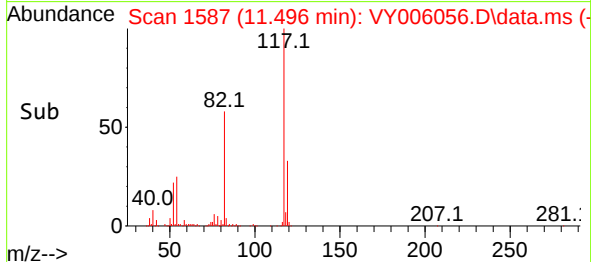
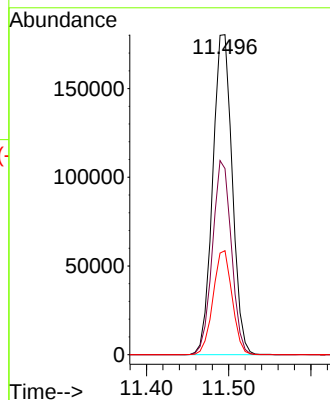
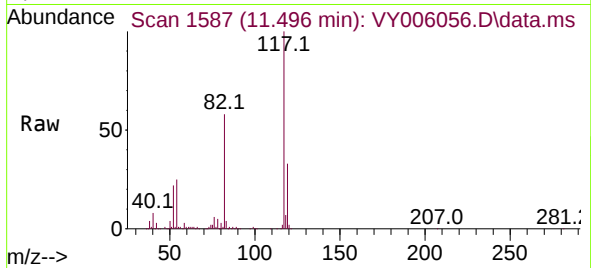




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

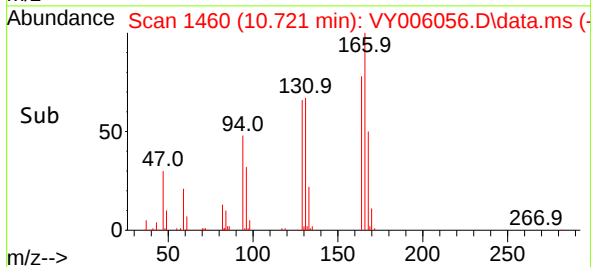
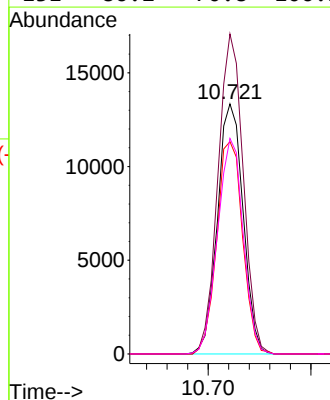
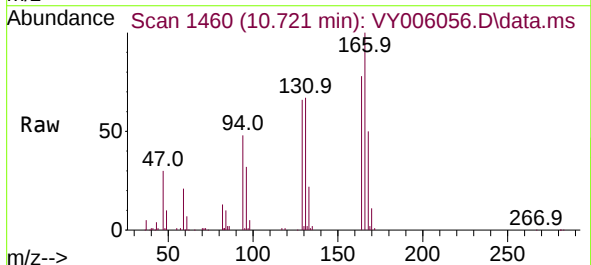
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

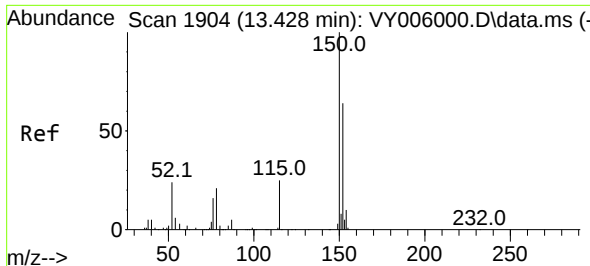
Tgt Ion:	117	Resp:	297377
Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.0	64.4
119	32.5	25.4	38.0



#64
Tetrachloroethene
Concen: 9.489 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006056.D
Acq: 16 Sep 2021 18:24

Tgt Ion:	164	Resp:	23080
Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.4	150.6
129	84.9	71.4	107.0
131	86.2	70.8	106.2

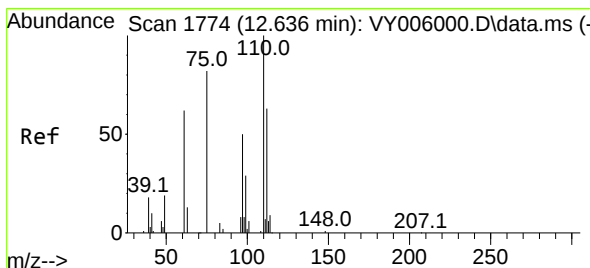
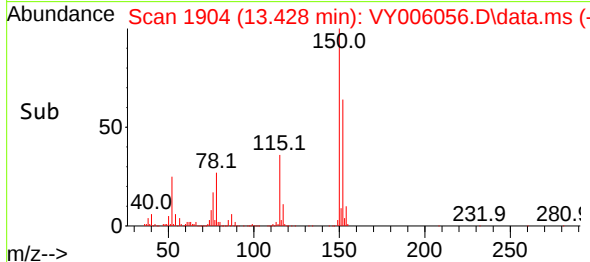
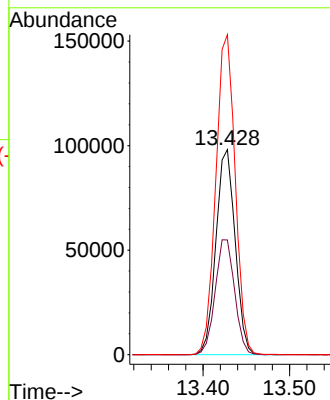
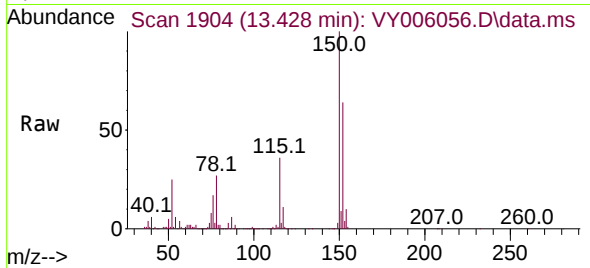




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006056.D
 Acq: 16 Sep 2021 18:24

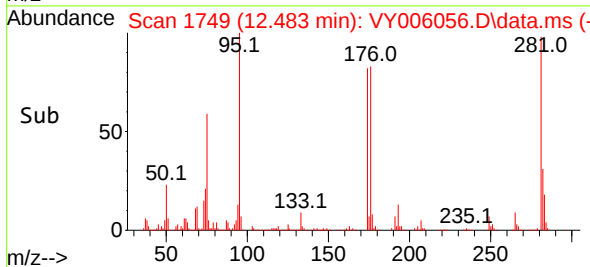
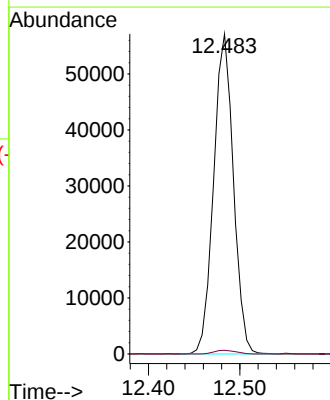
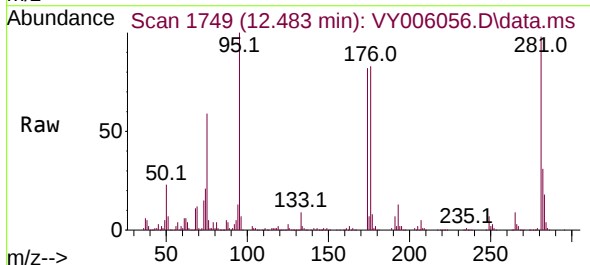
Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-03-(10-12)-END-POINT

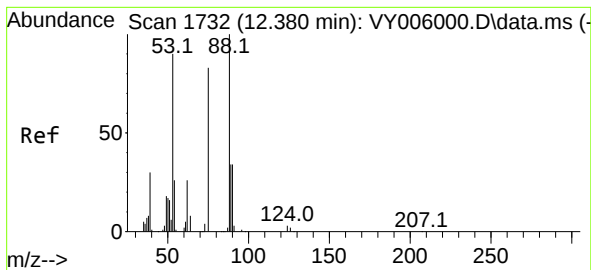
Tgt Ion:152 Resp: 151115
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.149 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006056.D
 Acq: 16 Sep 2021 18:24

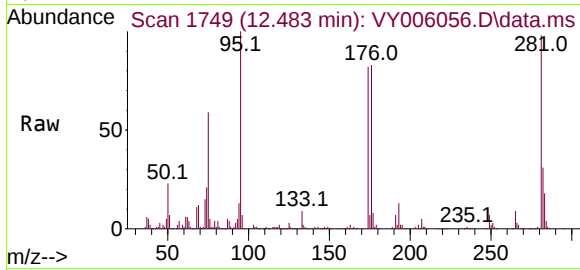
Tgt Ion: 75 Resp: 85633
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.716 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006056.D
 Acq: 16 Sep 2021 18:24

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



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	85.3	127.9#
89	1.4	37.0	55.4#

