

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)

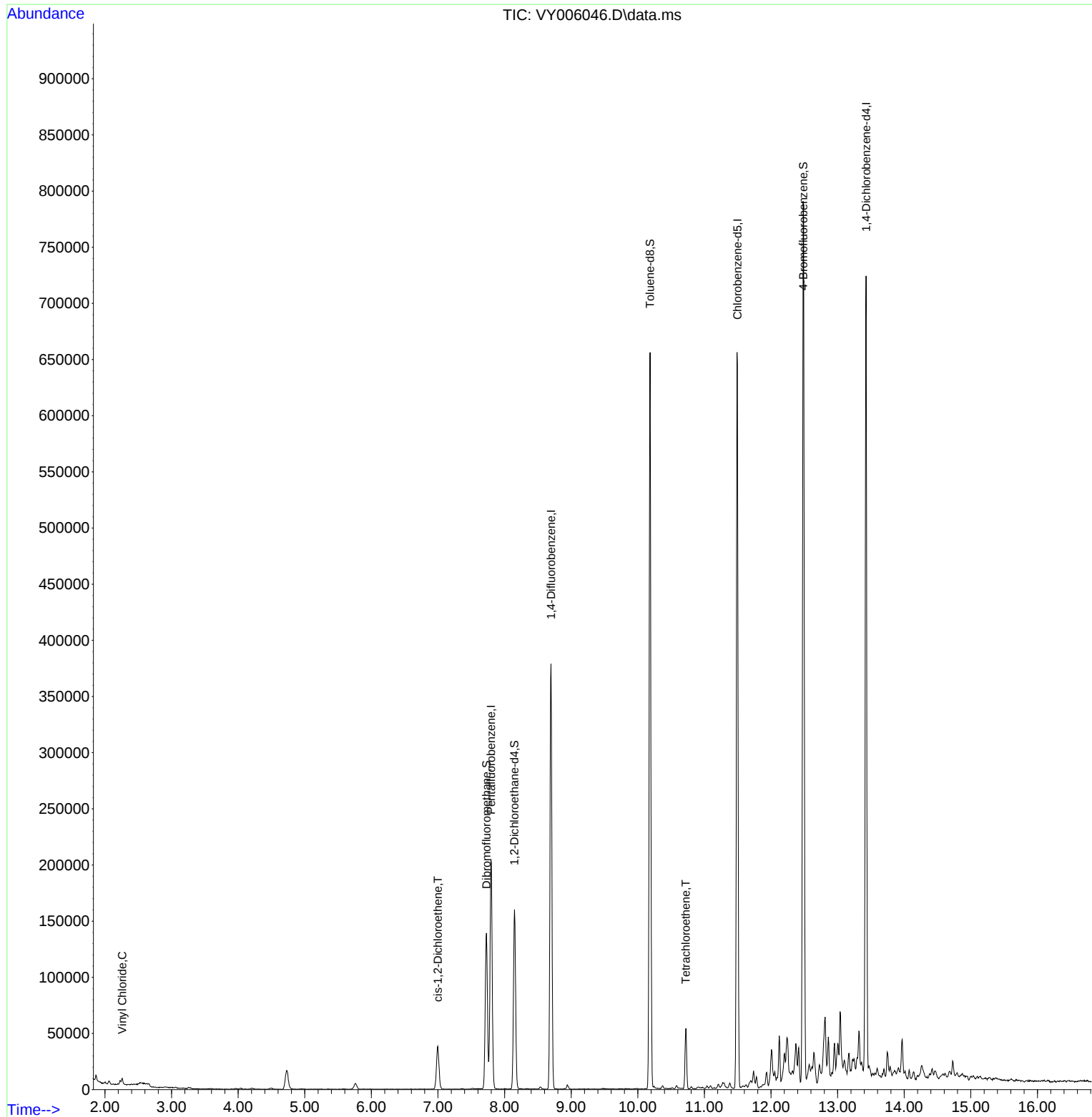
Internal Standards						
1) Pentafluorobenzene	7.795	168	156066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	332067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128288	59.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.36%
35) Dibromofluoromethane	7.728	113	95279	50.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.20%
50) Toluene-d8	10.185	98	401404	50.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.04%
62) 4-Bromofluorobenzene	12.483	95	168705	61.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.84%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.259	62	3529	1.52	ug/l	94
27) cis-1,2-Dichloroethene	6.996	96	21824	11.20	ug/l	90
64) Tetrachloroethene	10.721	164	10839	3.99	ug/l	95

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

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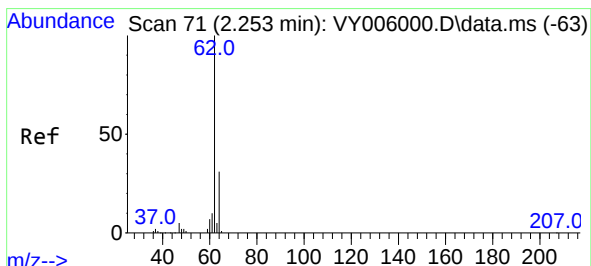
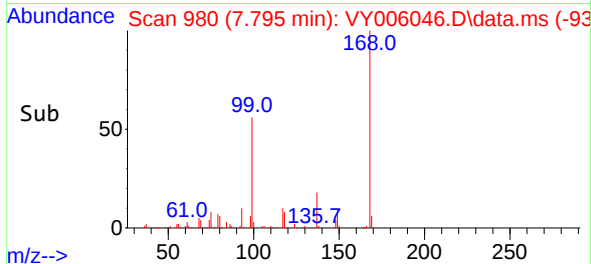
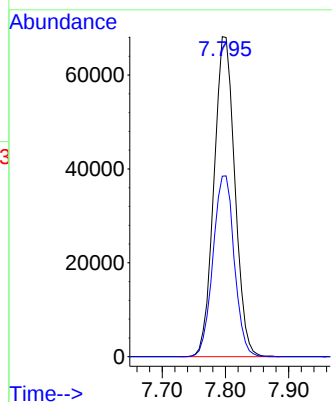
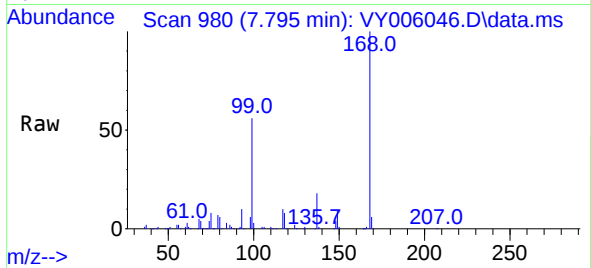




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

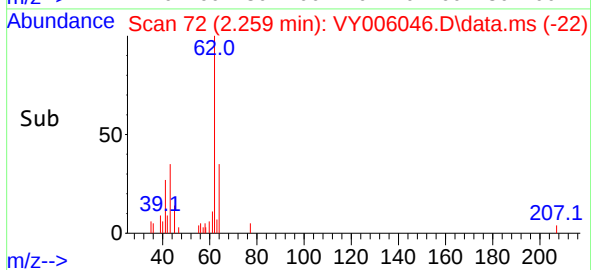
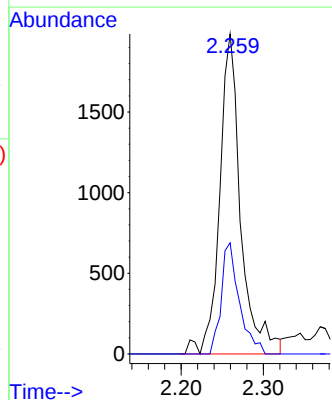
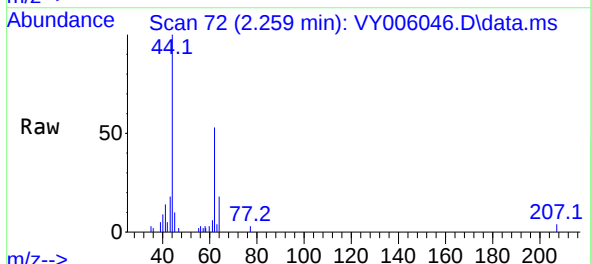
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(5-8)

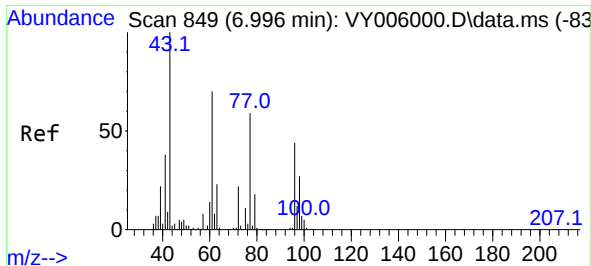
Tgt Ion:168 Resp: 156066
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#4
Vinyl Chloride
Concen: 1.52 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

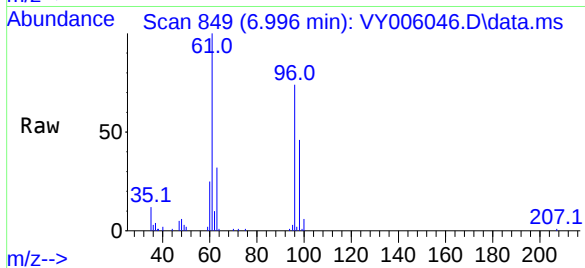
Tgt Ion: 62 Resp: 3529
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.6



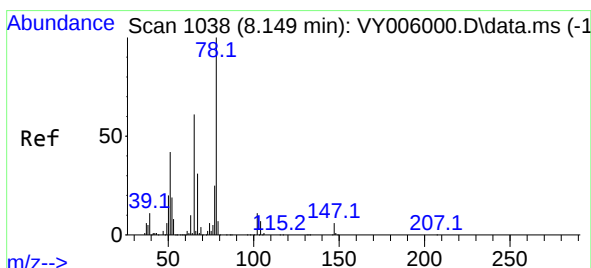
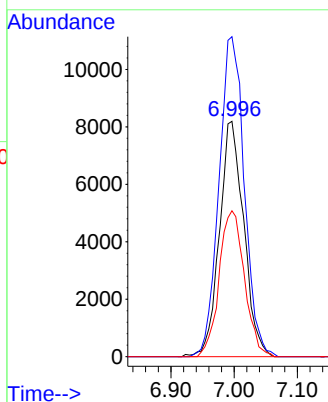
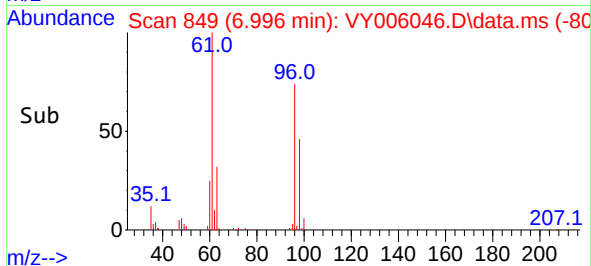


#27
cis-1,2-Dichloroethene
Concen: 11.20 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

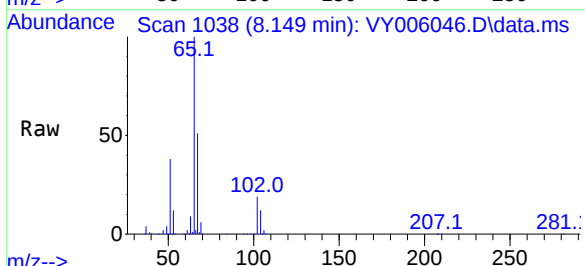
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(5-8)



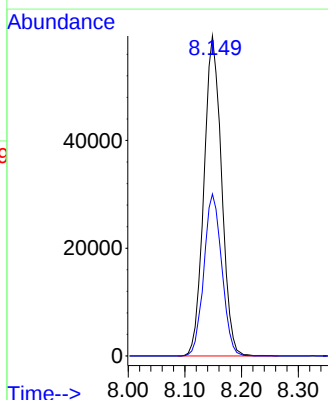
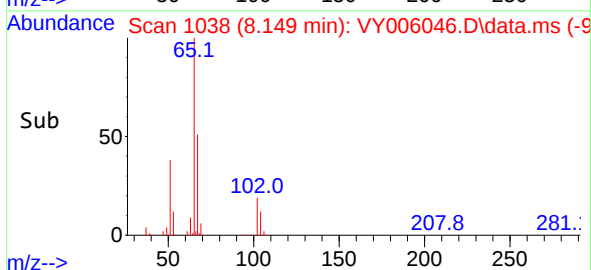
Tgt Ion: 96 Resp: 21824
Ion Ratio Lower Upper
96 100
61 141.7 0.0 319.8
98 64.5 0.0 127.0

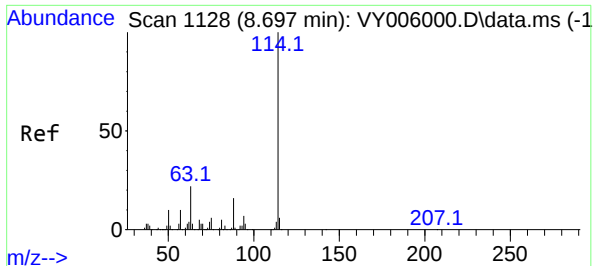


#33
1,2-Dichloroethane-d4
Concen: 59.18 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34



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

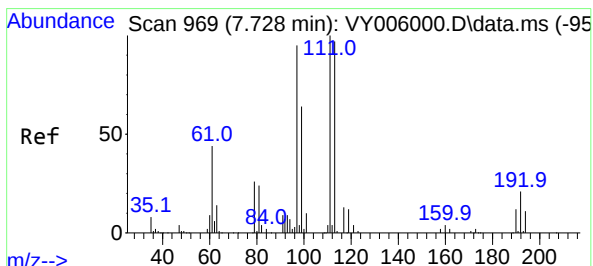
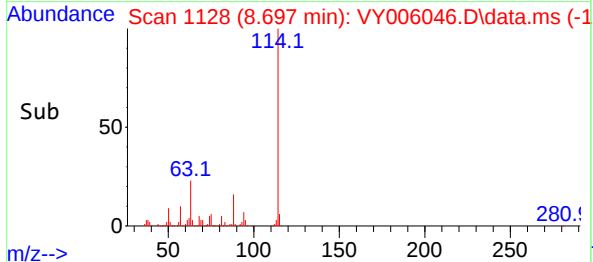
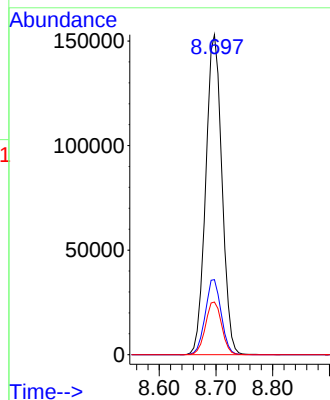
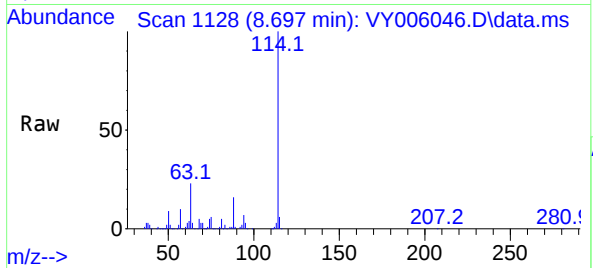




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

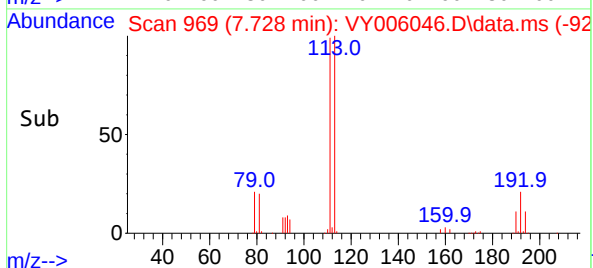
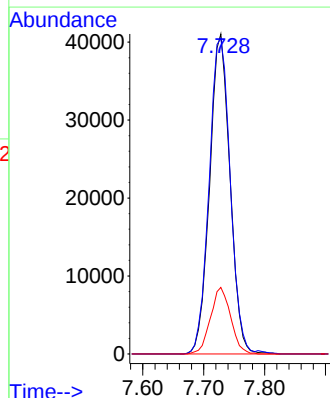
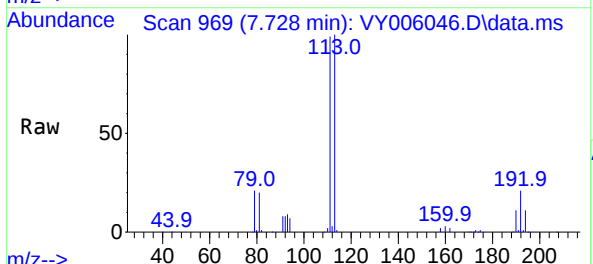
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-02-(5-8)

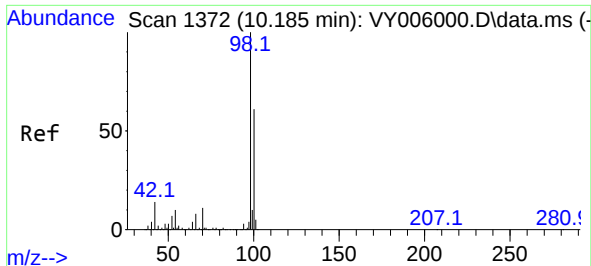
Tgt Ion:114	Resp:	303136
Ion Ratio	Lower	Upper
114	100	
63	23.4	0.0 43.2
88	16.4	0.0 31.8



#35
Dibromofluoromethane
Concen: 50.60 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

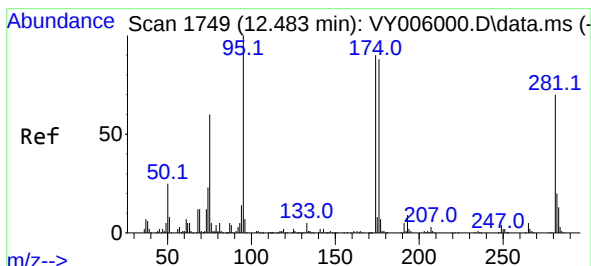
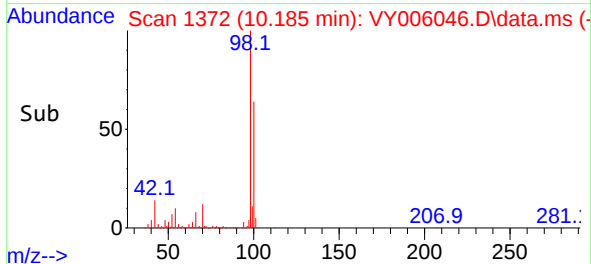
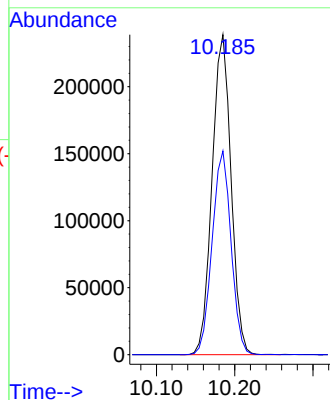
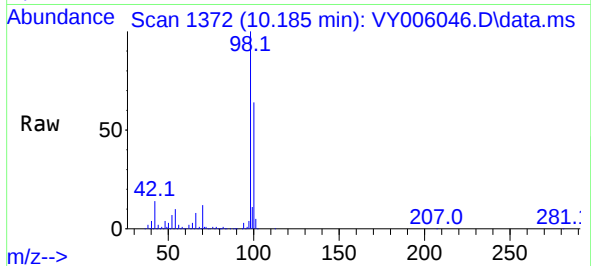




#50
Toluene-d8
Concen: 50.02 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

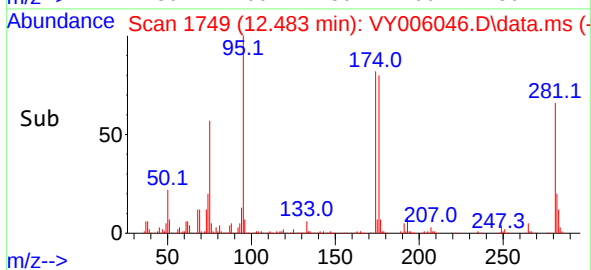
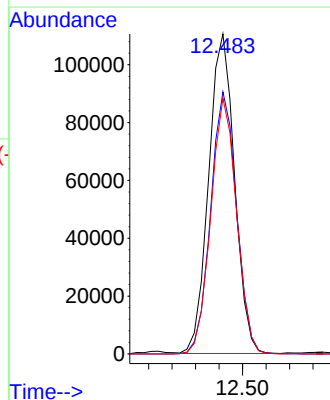
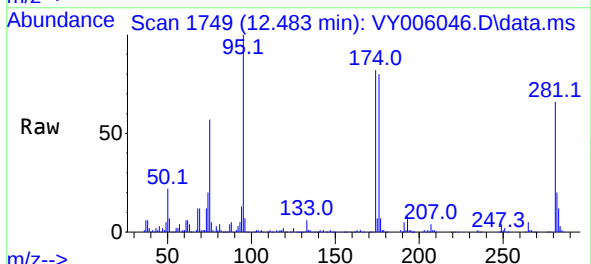
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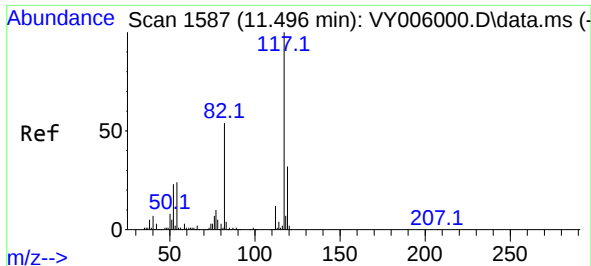
Tgt Ion: 98 Resp: 401404
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 61.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

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

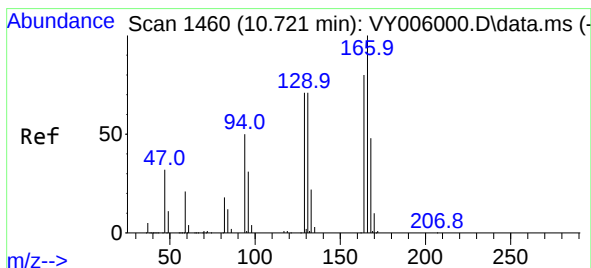
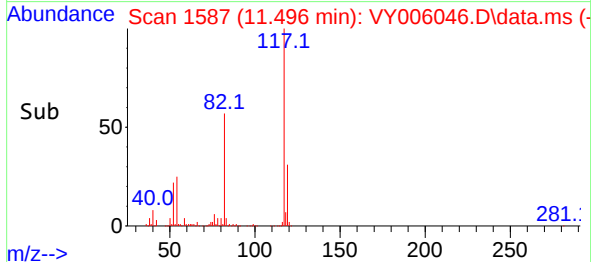
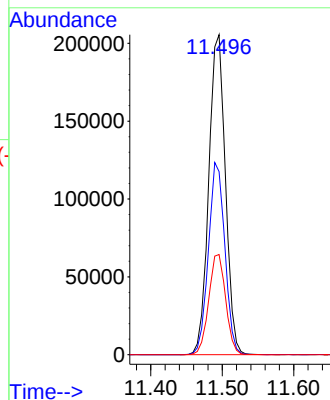
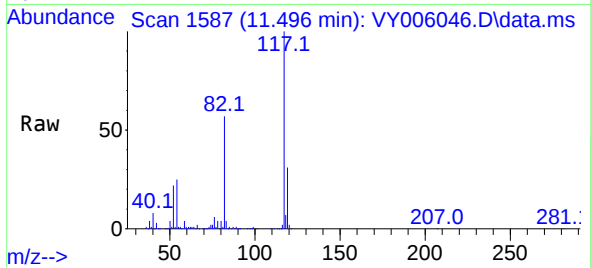




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

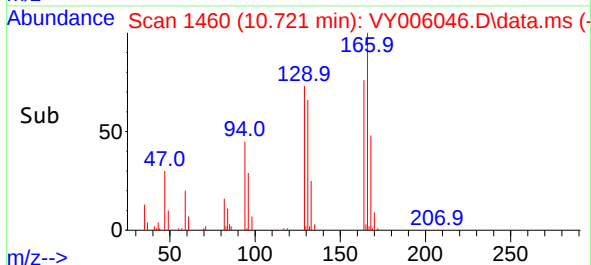
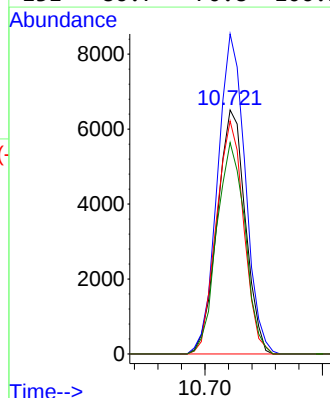
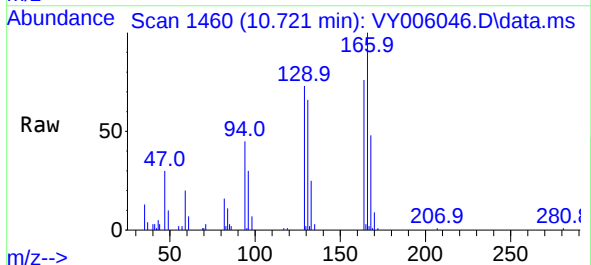
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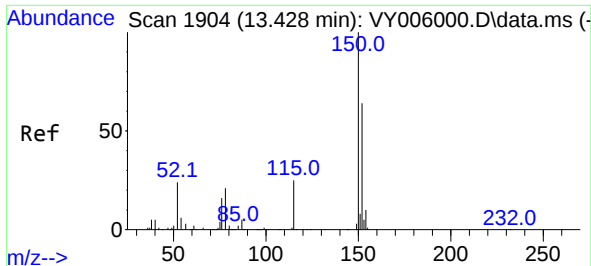
Tgt Ion:	117	Resp:	332067
Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.0	64.4
119	31.3	25.4	38.0



#64
Tetrachloroethene
Concen: 3.99 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006046.D
Acq: 16 Sep 2021 14:34

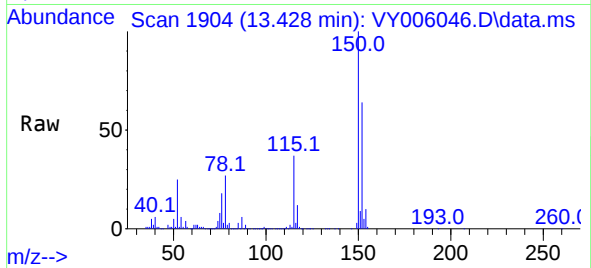
Tgt Ion:	164	Resp:	10839
Ion	Ratio	Lower	Upper
164	100		
166	131.1	100.4	150.6
129	95.5	71.4	107.0
131	86.7	70.8	106.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 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:152 Resp: 171918

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	155.9	0.0	347.6

