

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006045.D
 Acq On : 16 Sep 2021 14:11
 Operator : SY/MD
 Sample : M3733-06
 Misc : 6.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-01-(25-27)

Quant Time: Sep 17 02:44:58 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)

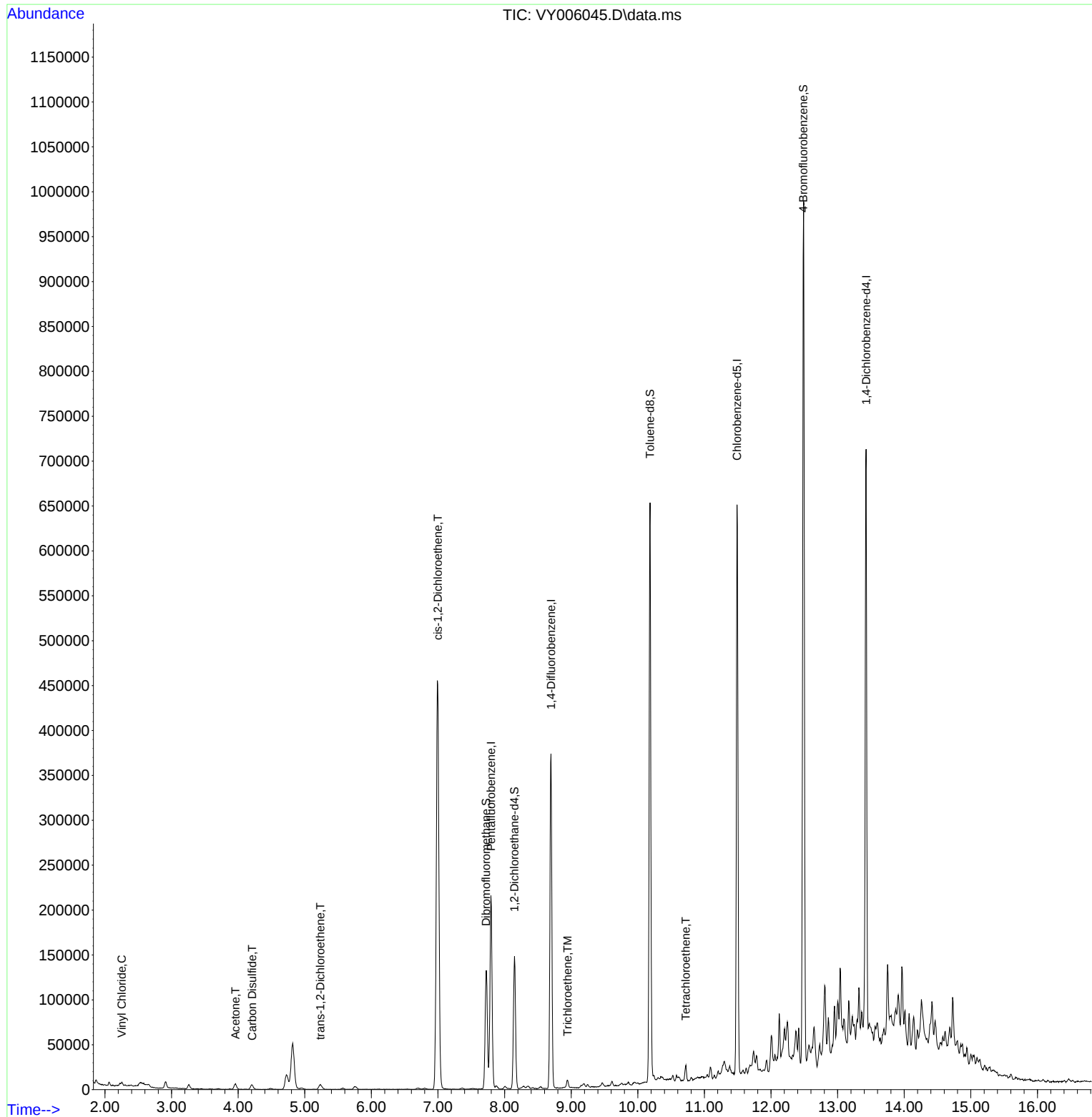
Internal Standards						
1) Pentafluorobenzene	7.795	168	156540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	297088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	117494	54.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.06%
35) Dibromofluoromethane	7.722	113	91603	49.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.28%
50) Toluene-d8	10.185	98	400796	50.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.92%
62) 4-Bromofluorobenzene	12.483	95	160363	60.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.12%
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.253	62	2583	1.11	ug/l	93
16) Acetone	3.960	43	9962	16.70	ug/l	96
17) Carbon Disulfide	4.210	76	9912	1.90	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	2616	1.49	ug/l #	78
27) cis-1,2-Dichloroethene	6.996	96	269854	138.01	ug/l	89
44) Trichloroethene	8.947	130	2618	1.14	ug/l	88
64) Tetrachloroethene	10.721	164	2908	1.09	ug/l #	90

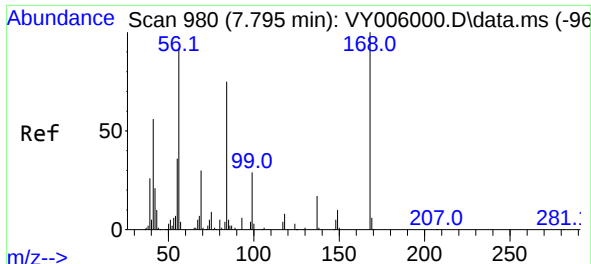
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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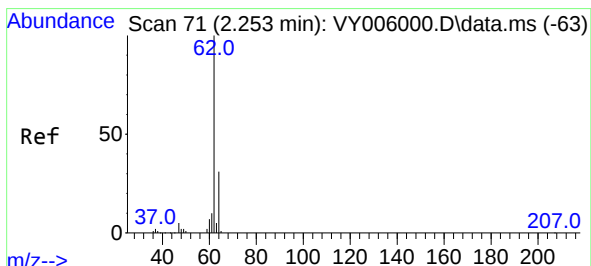
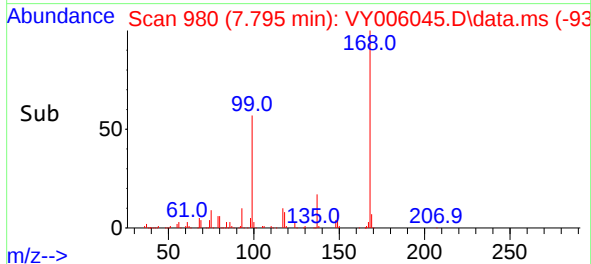
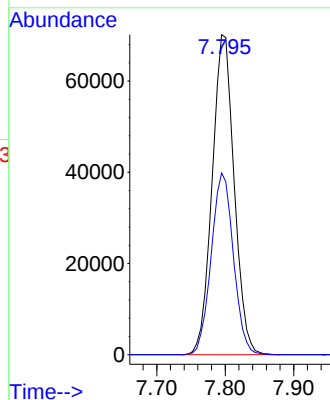
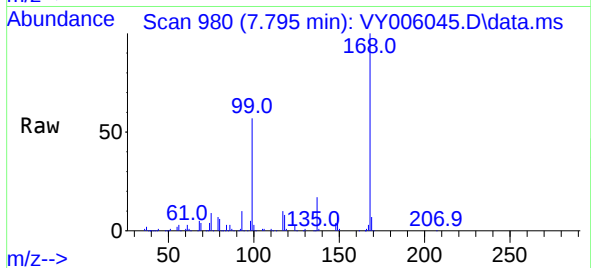




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

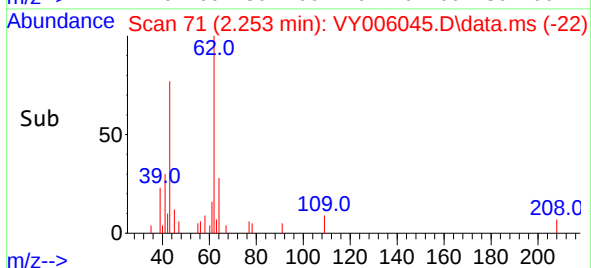
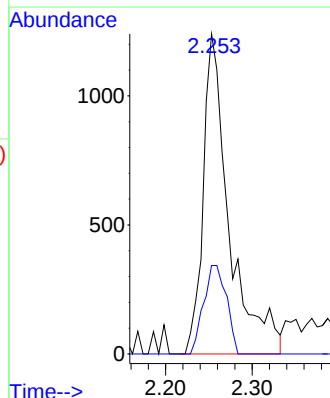
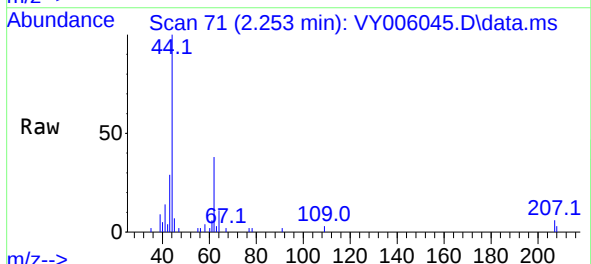
Instrument :
MSVOA_Y
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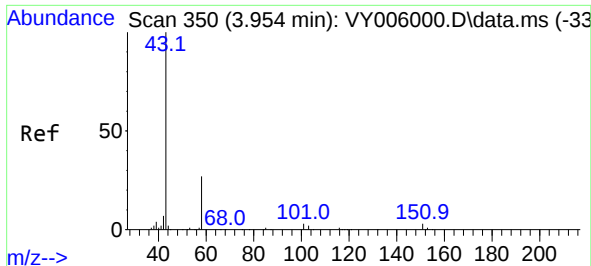
Tgt Ion:168 Resp: 156540
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#4
Vinyl Chloride
Concen: 1.11 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

Tgt Ion: 62 Resp: 2583
Ion Ratio Lower Upper
62 100
64 27.7 25.0 37.6

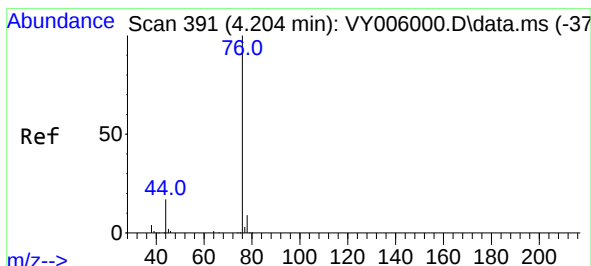
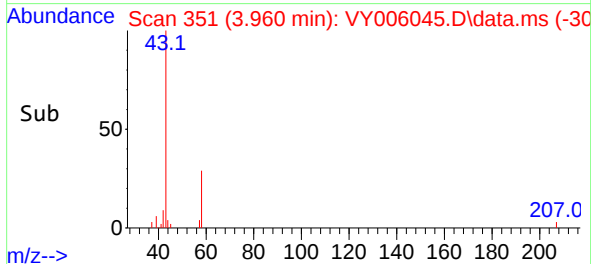
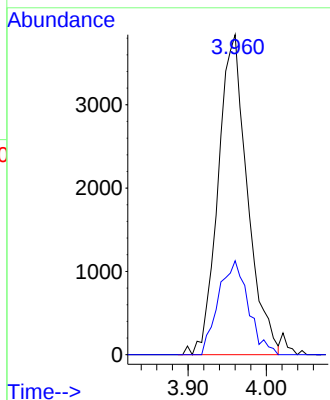
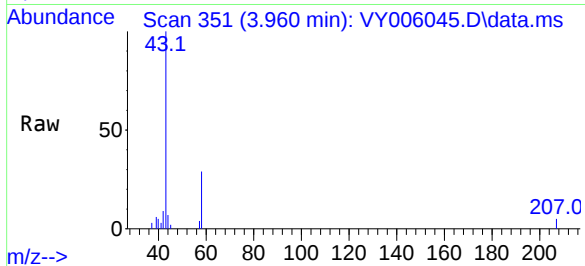




#16
Acetone
Concen: 16.70 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

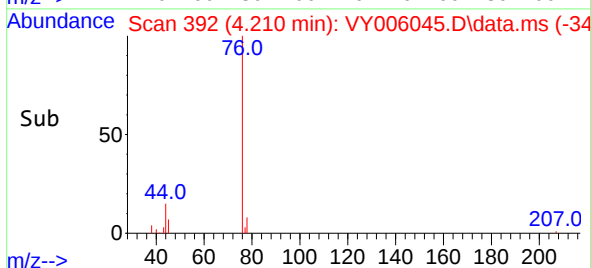
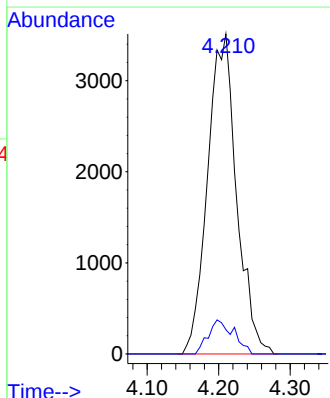
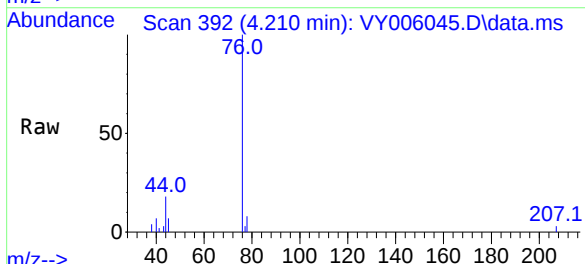
Instrument :
MSVOA_Y
ClientSampleId :
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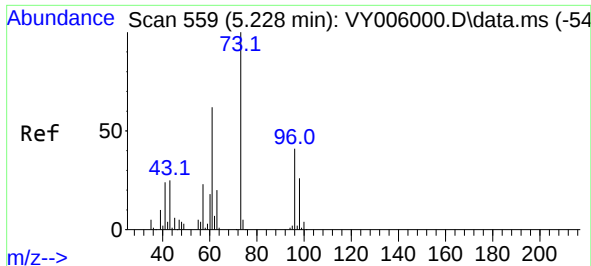
Tgt Ion: 43 Resp: 9962
Ion Ratio Lower Upper
43 100
58 29.3 22.0 33.0



#17
Carbon Disulfide
Concen: 1.90 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

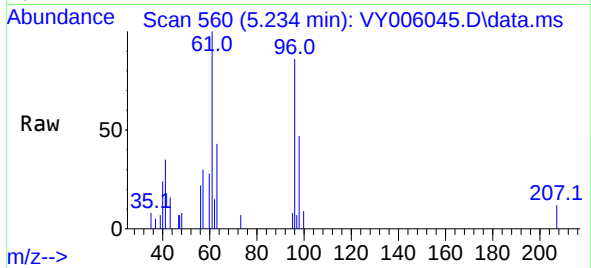
Tgt Ion: 76 Resp: 9912
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0



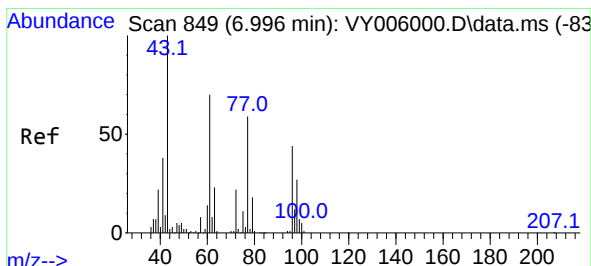
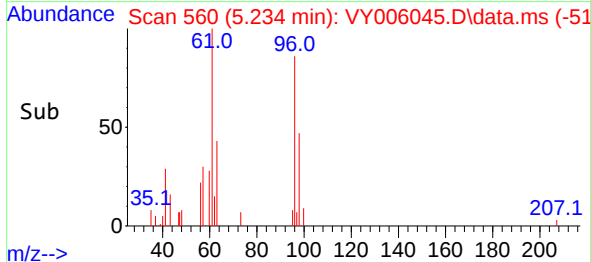
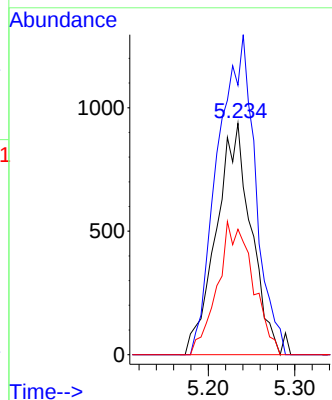


#21
trans-1,2-Dichloroethene
Concen: 1.49 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-01-(25-27)

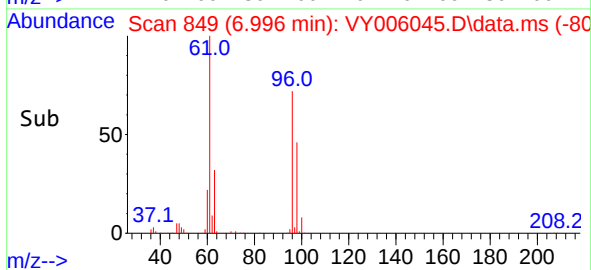
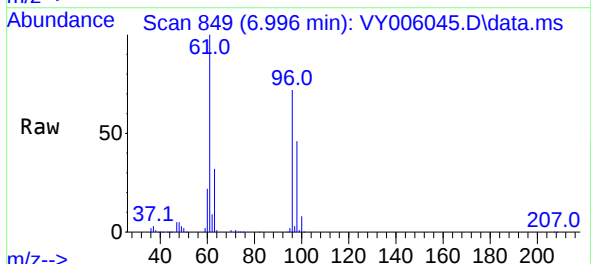
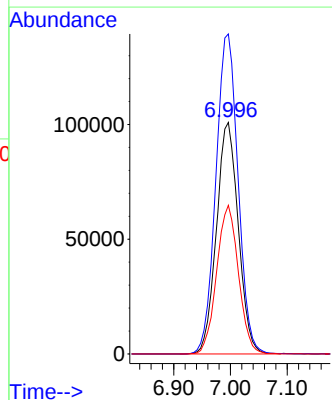


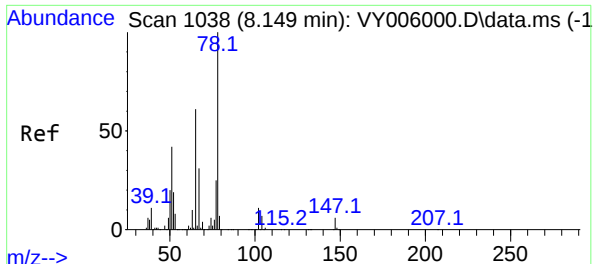
Tgt Ion: 96 Resp: 2616
Ion Ratio Lower Upper
96 100
61 116.4 120.5 180.7#
98 54.2 49.8 74.8



#27
cis-1,2-Dichloroethene
Concen: 138.01 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

Tgt Ion: 96 Resp: 269854
Ion Ratio Lower Upper
96 100
61 140.2 0.0 319.8
98 64.1 0.0 127.0

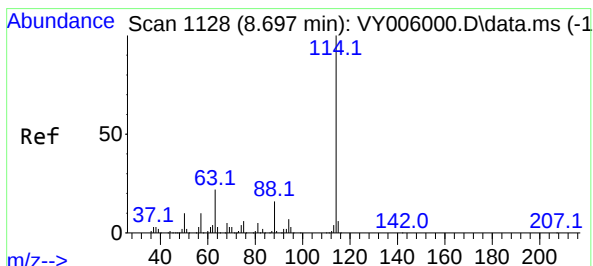
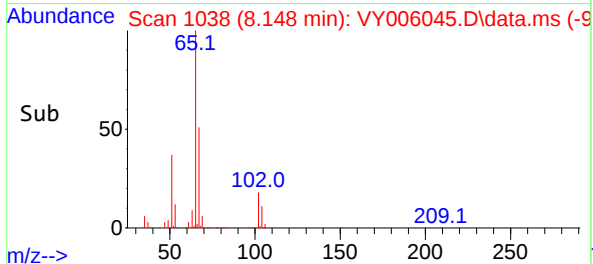
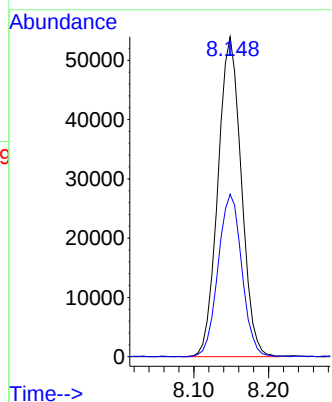
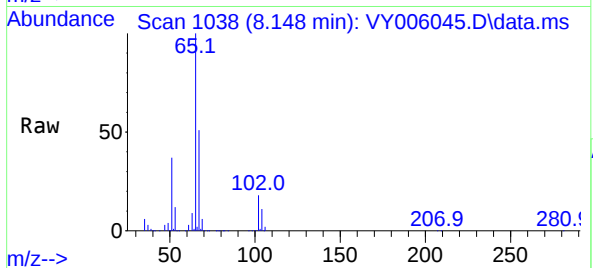




#33
1,2-Dichloroethane-d4
Concen: 54.03 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

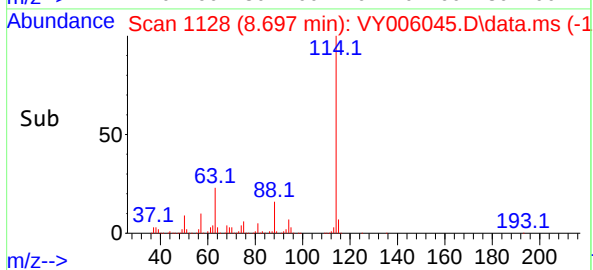
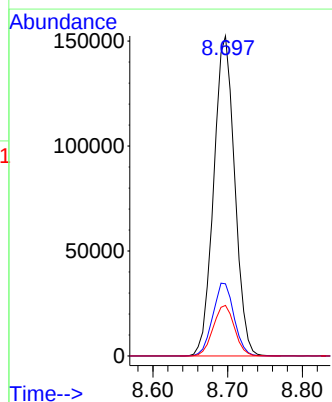
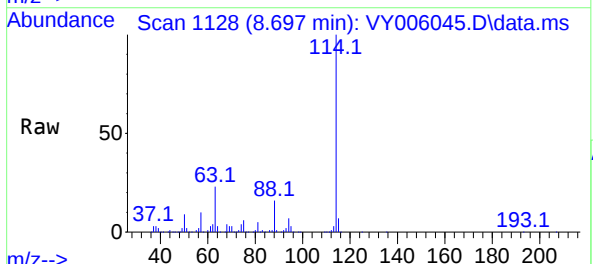
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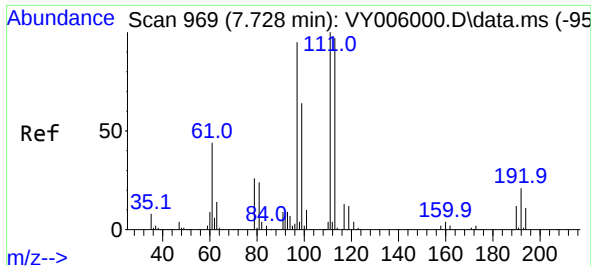
Tgt Ion: 65 Resp: 117494
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

Tgt Ion: 114 Resp: 297088
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.2
88 15.8 0.0 31.8

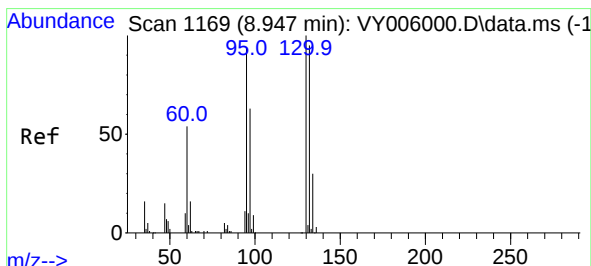
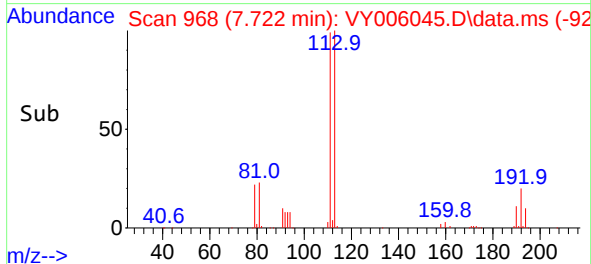
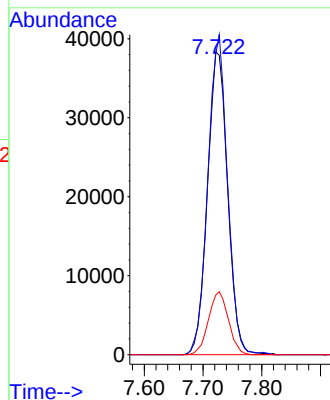
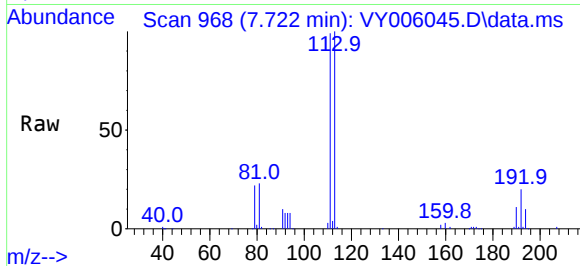




#35
Dibromofluoromethane
Concen: 49.64 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

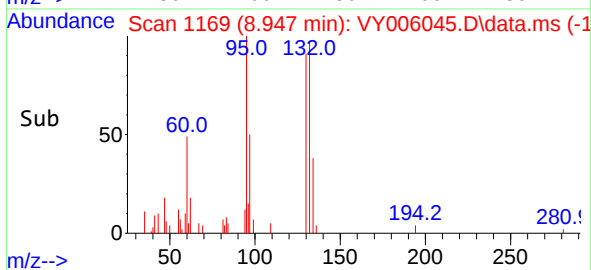
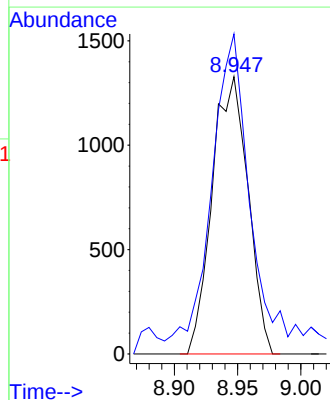
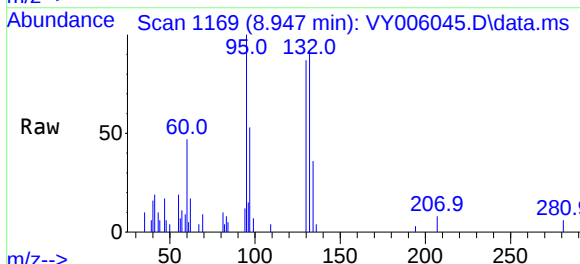
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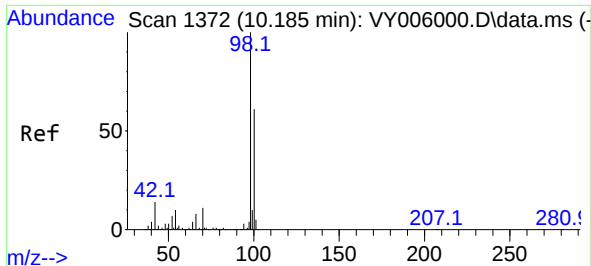
Tgt Ion:	113	Resp:	91603
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	20.5	17.6	26.4



#44
Trichloroethene
Concen: 1.14 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

Tgt Ion:	130	Resp:	2618
Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	188.2

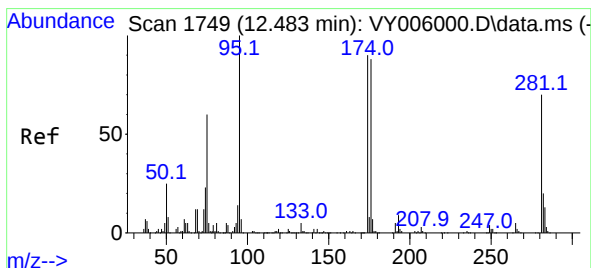
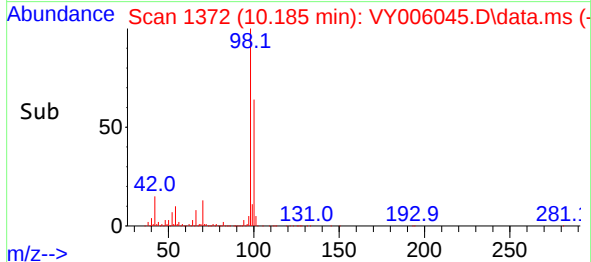
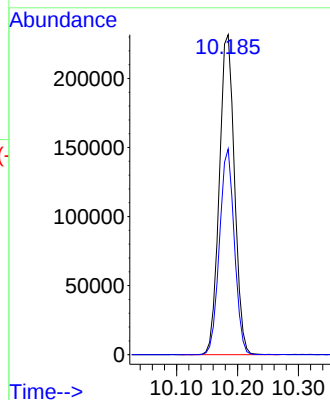
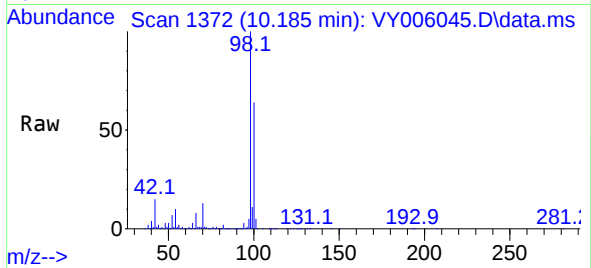




#50
Toluene-d8
Concen: 50.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

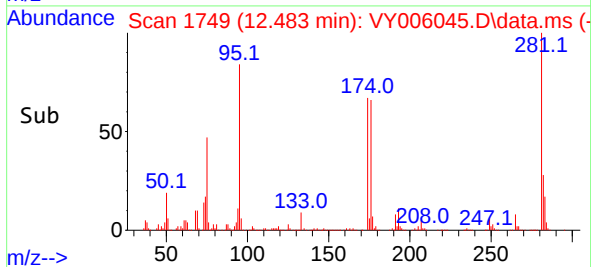
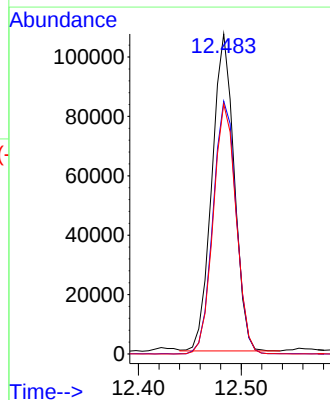
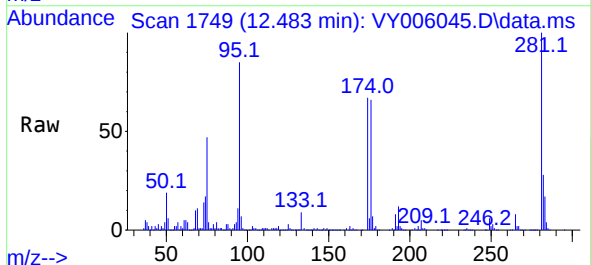
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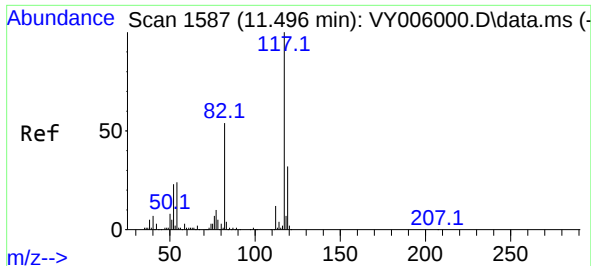
Tgt Ion: 98 Resp: 400796
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 60.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

Tgt Ion: 95 Resp: 160363
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 81.1 0.0 175.8

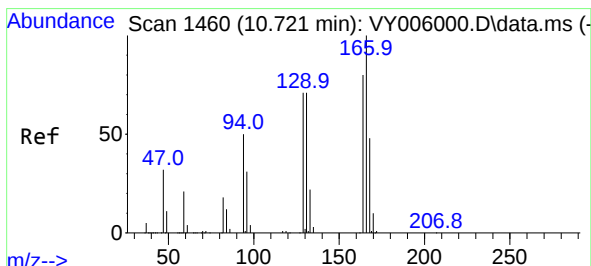
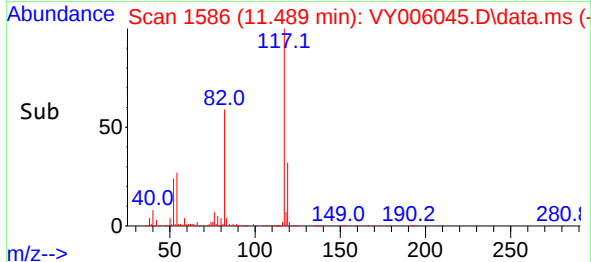
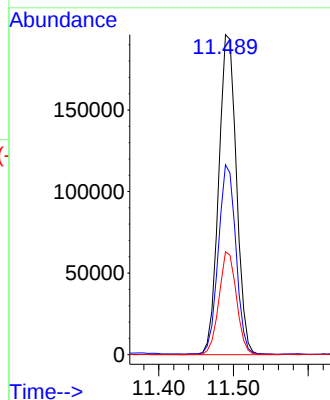
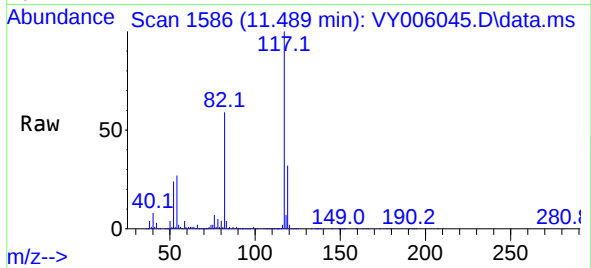




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

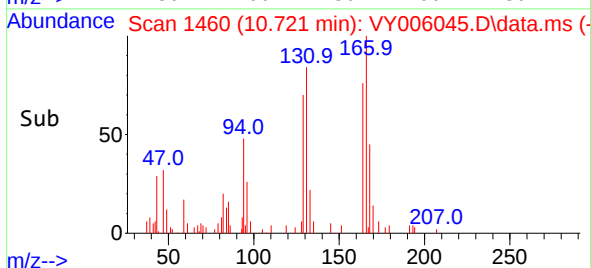
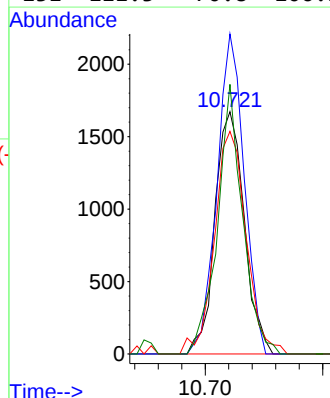
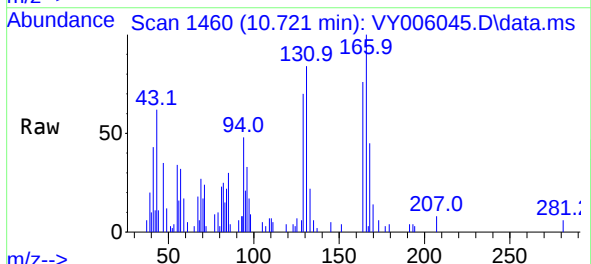
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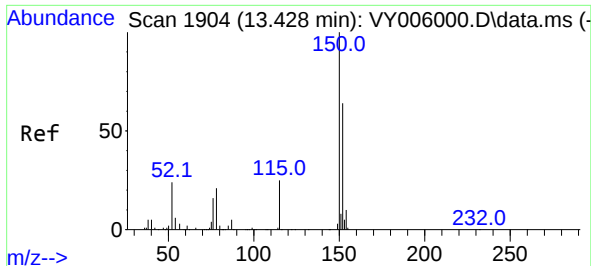
Tgt Ion:	117	Resp:	324770
Ion	Ratio	Lower	Upper
117	100		
82	59.2	43.0	64.4
119	32.1	25.4	38.0



#64
Tetrachloroethene
Concen: 1.09 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006045.D
Acq: 16 Sep 2021 14:11

Tgt Ion:	164	Resp:	2908
Ion	Ratio	Lower	Upper
164	100		
166	132.1	100.4	150.6
129	91.9	71.4	107.0
131	111.3	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: VY006045.D
 Acq: 16 Sep 2021 14:11

Instrument :
 MSVOA_Y
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 NAPL-AREA-01-(25-27)

Tgt Ion:152 Resp: 157241

Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.2	84.7
150	154.5	0.0	347.6

