

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006055.D
 Acq On : 16 Sep 2021 18:01
 Operator : SY/MD
 Sample : M3750-04
 Misc : 6.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-04-(25-27)

Quant Time: Sep 17 02:46:44 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)

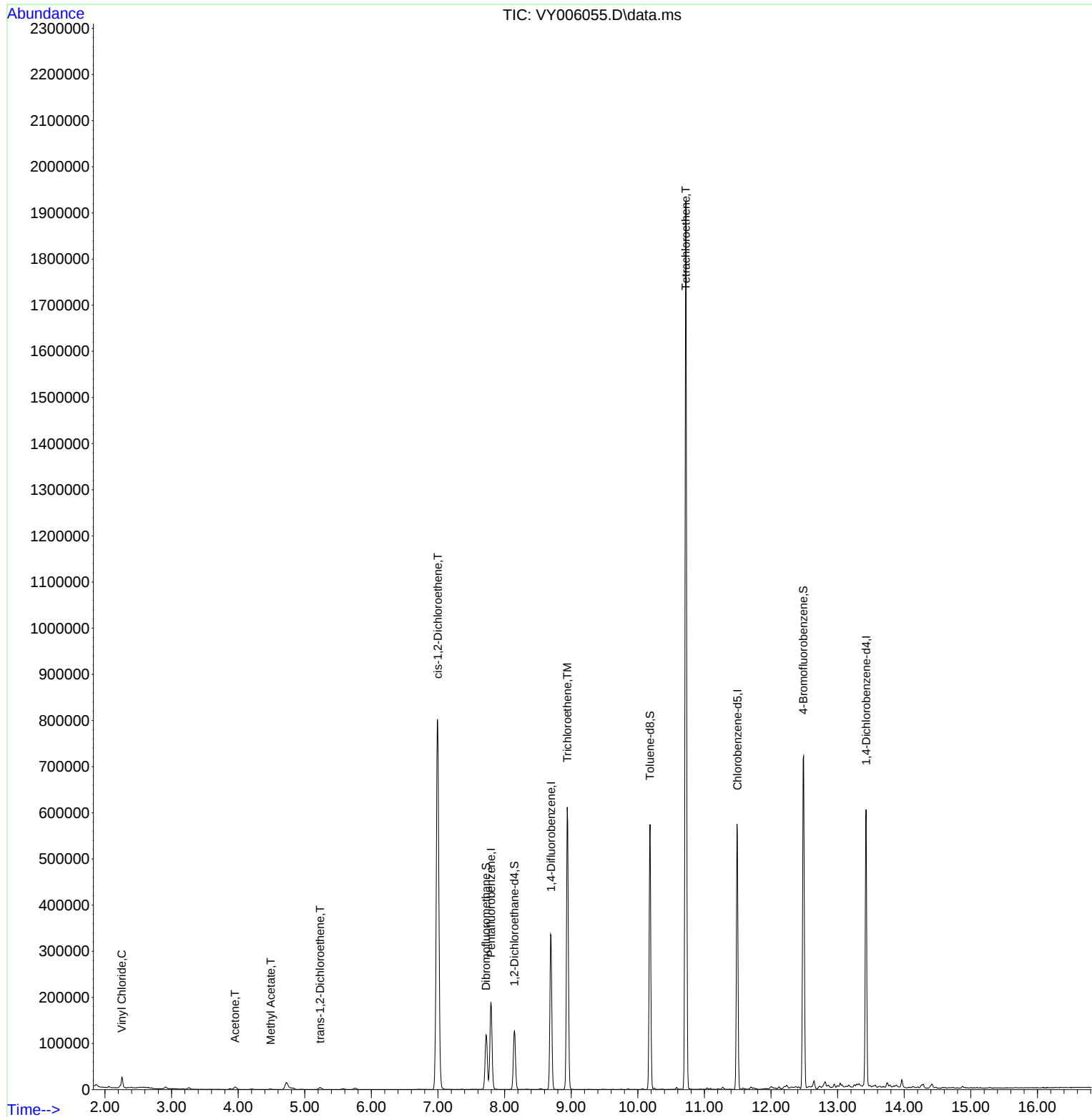
Internal Standards						
1) Pentafluorobenzene	7.795	168	144267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	268424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	287212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105246	52.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.040%	
35) Dibromofluoromethane	7.722	113	81999	49.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.360%	
50) Toluene-d8	10.185	98	354202	49.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.483	95	140528	58.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.500%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	21804	10.190	ug/l	99
16) Acetone	3.954	43	10301	18.741	ug/l	100
18) Methyl Acetate	4.491	43	2138	1.544	ug/l #	91
21) trans-1,2-Dichloroethene	5.228	96	2475	1.532	ug/l #	79
27) cis-1,2-Dichloroethene	6.996	96	478413	265.484	ug/l	89
44) Trichloroethene	8.941	130	201805	97.473	ug/l	93
64) Tetrachloroethene	10.721	164	392511	167.088	ug/l	97

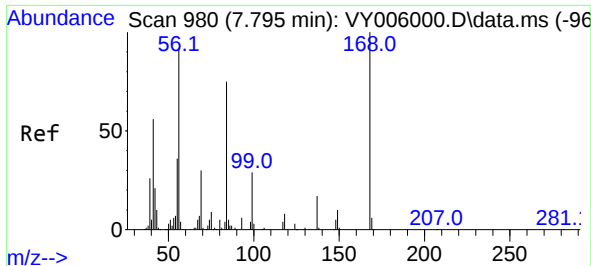
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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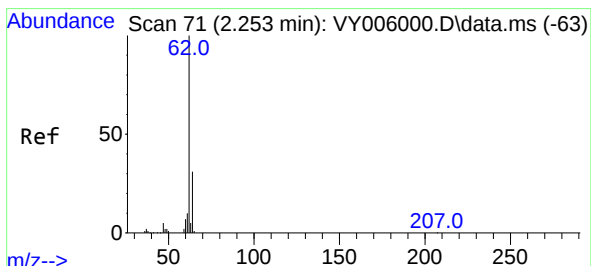
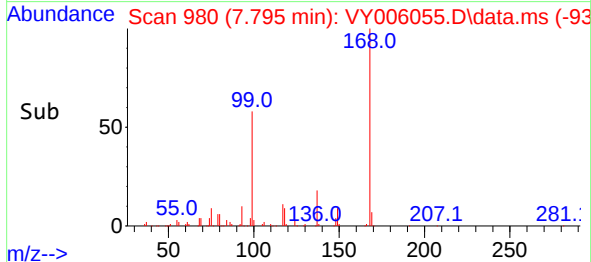
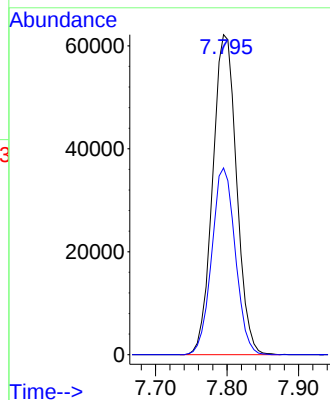
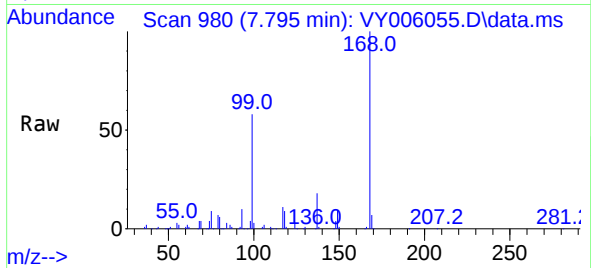




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

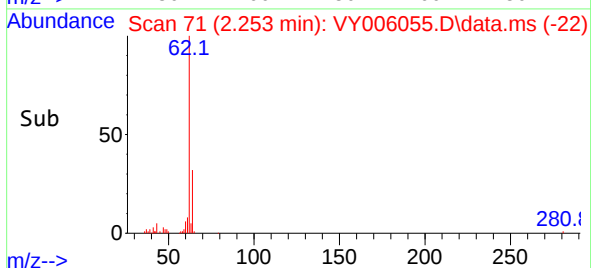
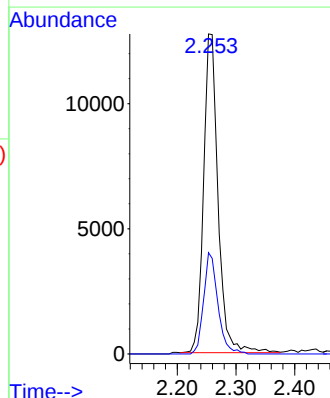
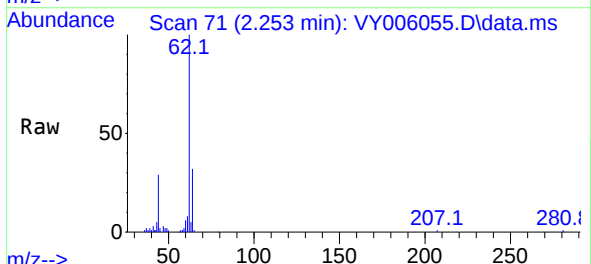
Instrument :
MSVOA_Y
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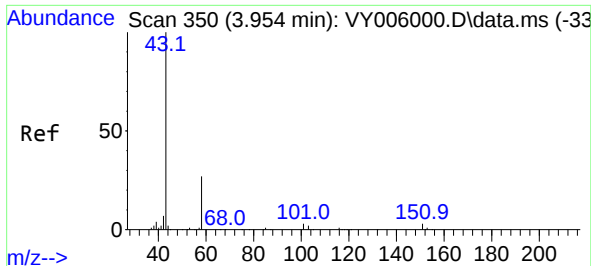
Tgt Ion:168 Resp: 144267
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#4
Vinyl Chloride
Concen: 10.190 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

Tgt Ion: 62 Resp: 21804
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6

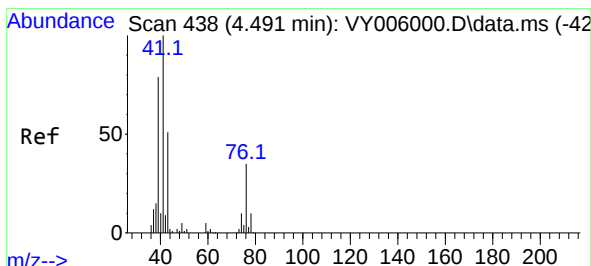
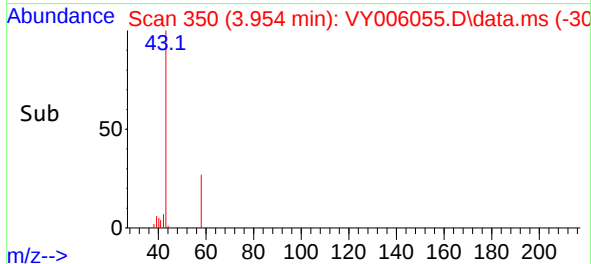
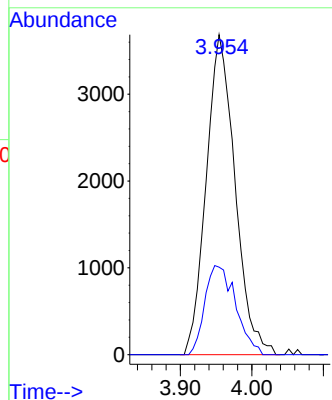
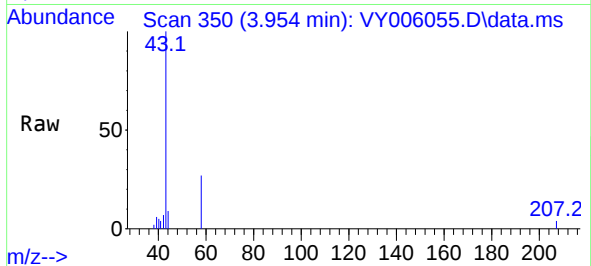




#16
Acetone
Concen: 18.741 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

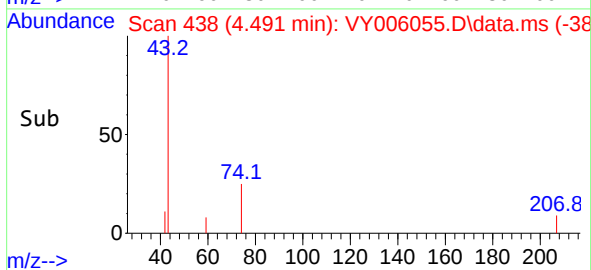
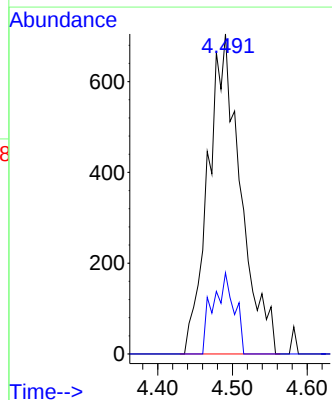
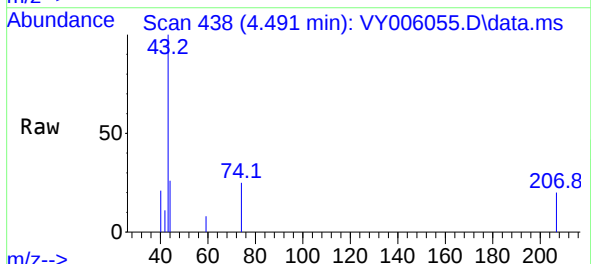
Instrument :
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ClientSampleId :
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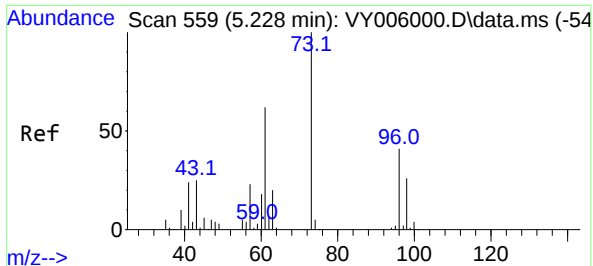
Tgt Ion: 43 Resp: 10301
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0



#18
Methyl Acetate
Concen: 1.544 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
74 16.6 16.6 24.8#

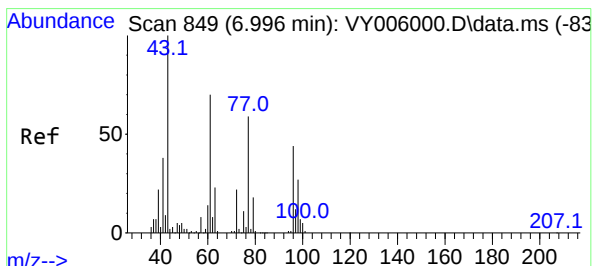
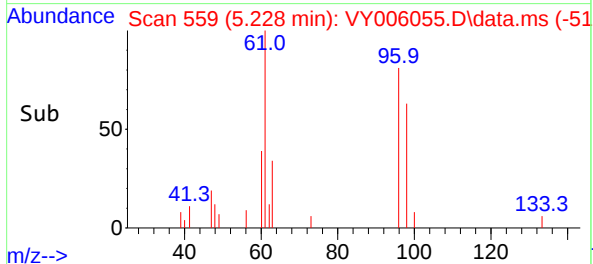
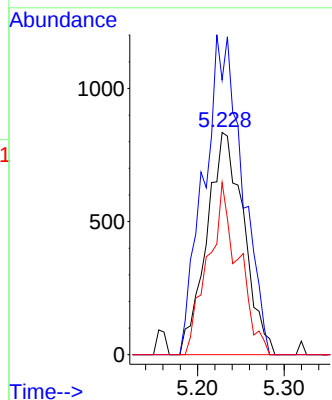
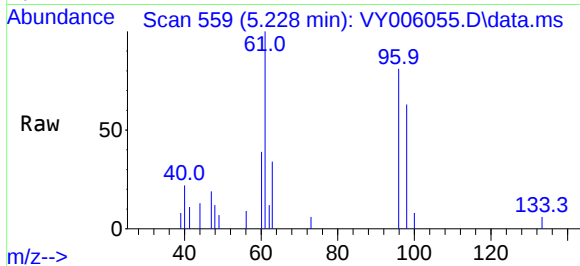




#21
trans-1,2-Dichloroethene
Concen: 1.532 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

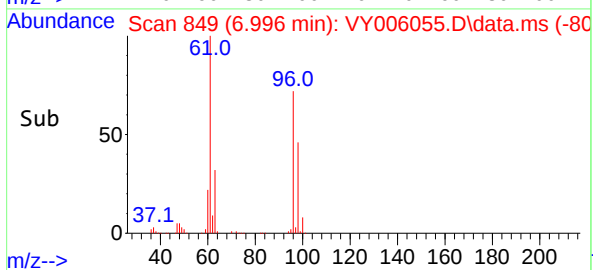
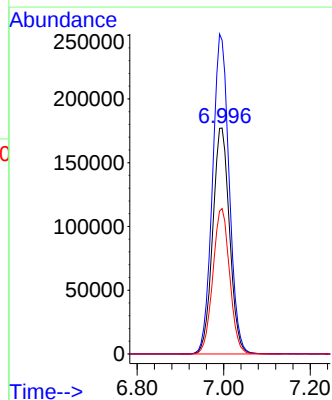
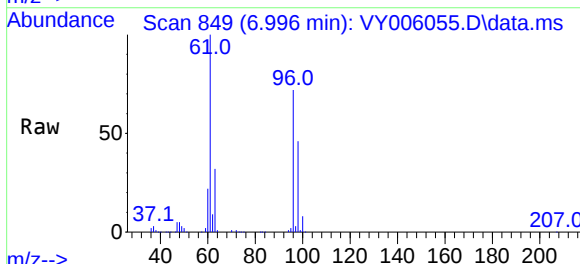
Instrument :
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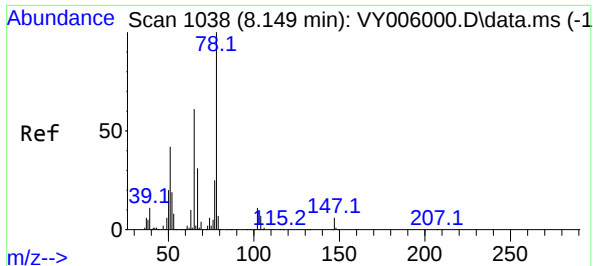
Tgt Ion: 96 Resp: 2475
Ion Ratio Lower Upper
96 100
61 123.6 120.5 180.7
98 77.5 49.8 74.8#



#27
cis-1,2-Dichloroethene
Concen: 265.484 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

Tgt Ion: 96 Resp: 478413
Ion Ratio Lower Upper
96 100
61 140.1 0.0 319.8
98 64.2 0.0 127.0

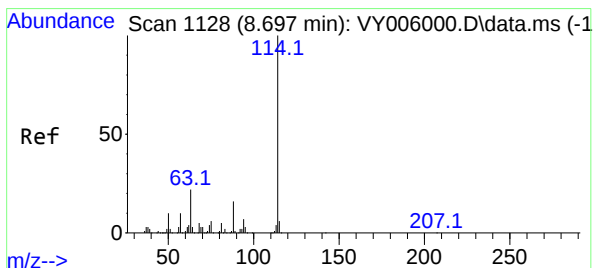
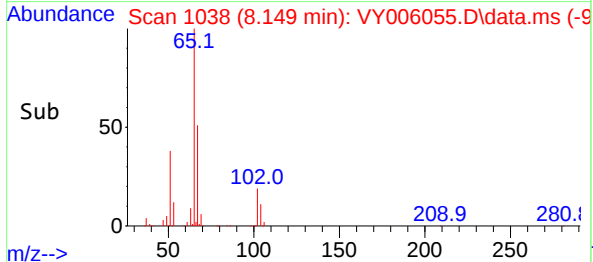
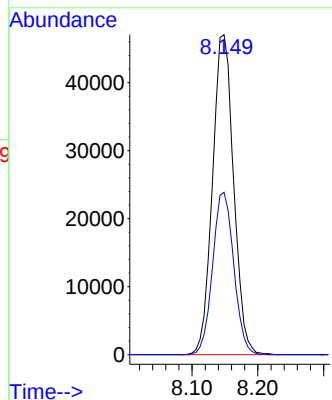
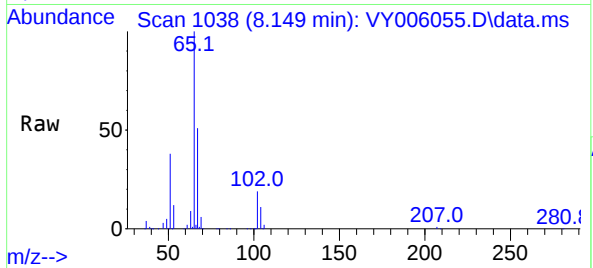




#33
1,2-Dichloroethane-d4
Concen: 52.519 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

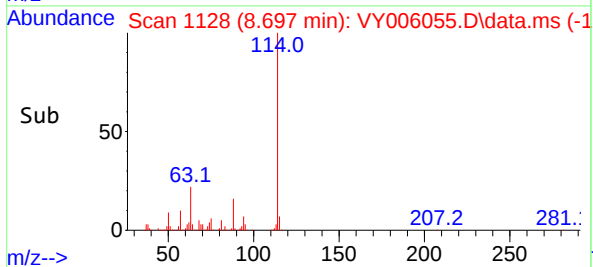
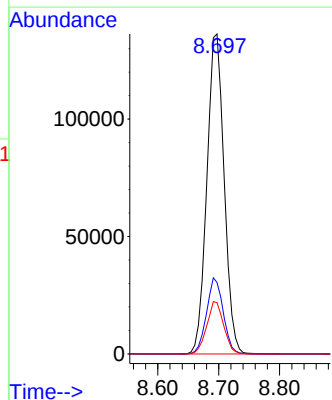
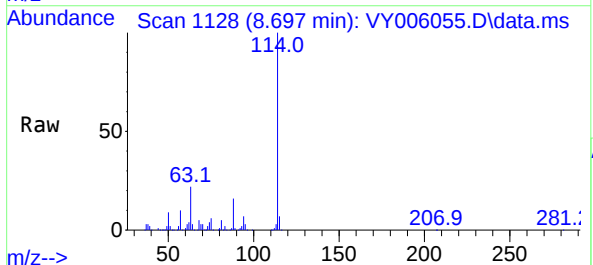
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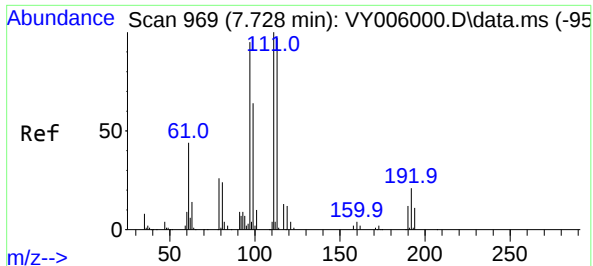
Tgt Ion: 65 Resp: 105246
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

Tgt Ion:114 Resp: 268424
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.183 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006055.D

Acq: 16 Sep 2021 18:01

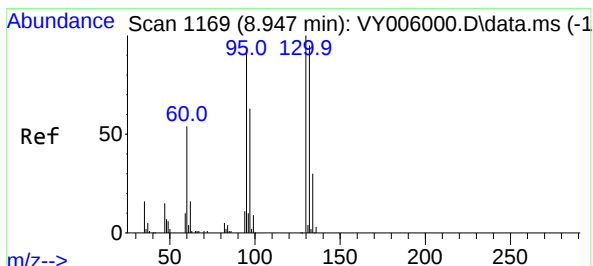
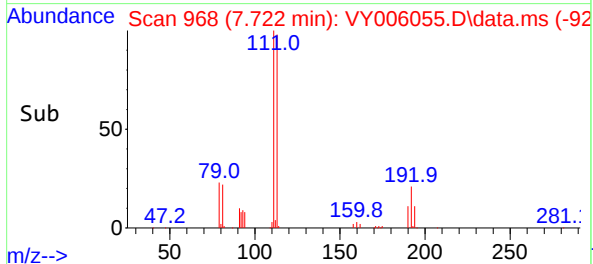
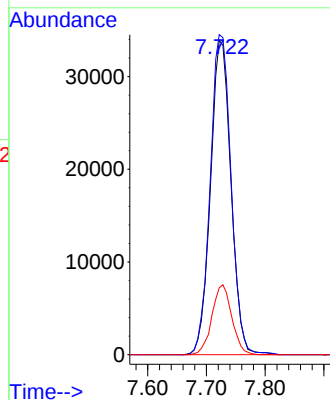
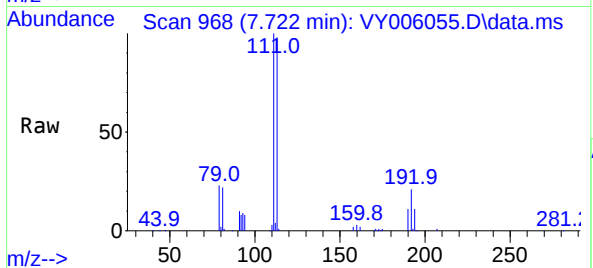
Tgt Ion:113 Resp: 81999

Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 21.6 17.6 26.4



#44

Trichloroethene

Concen: 97.473 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.006 min

Lab File: VY006055.D

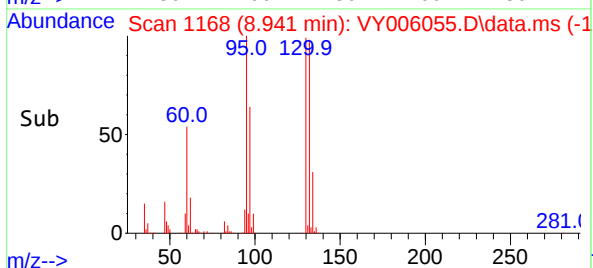
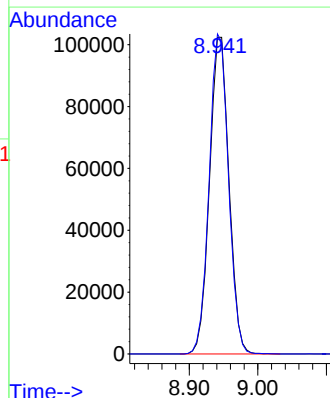
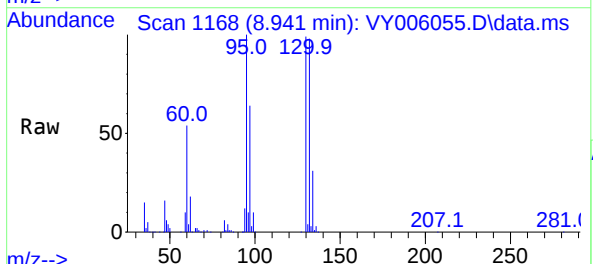
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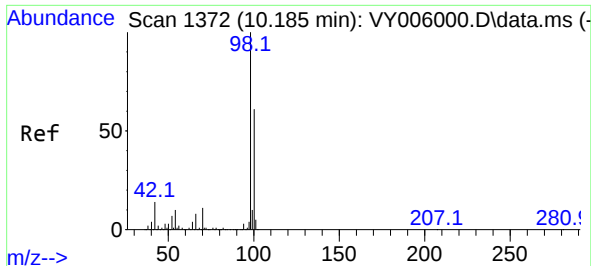
Tgt Ion:130 Resp: 201805

Ion Ratio Lower Upper

130 100

95 101.1 0.0 188.2

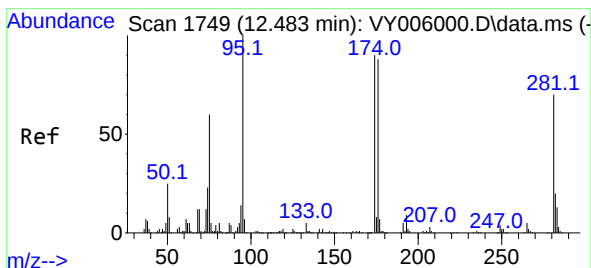
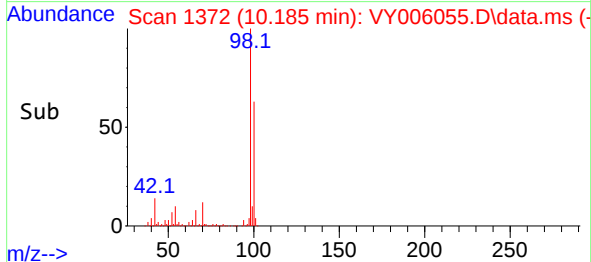
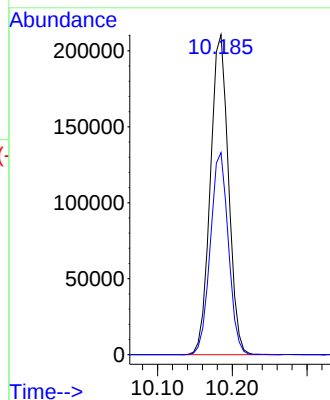
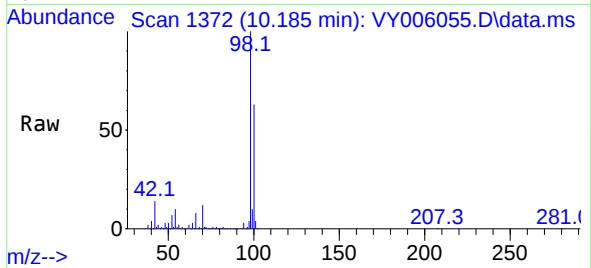




#50
Toluene-d8
Concen: 49.847 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

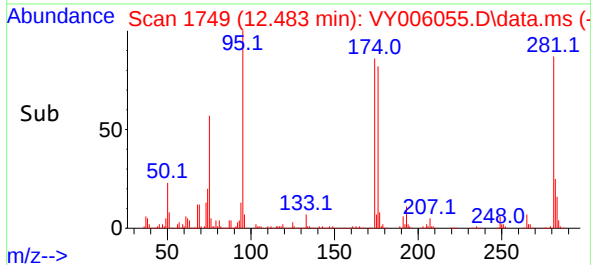
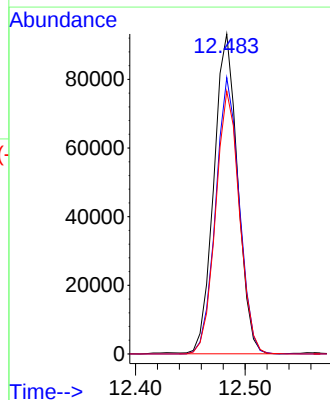
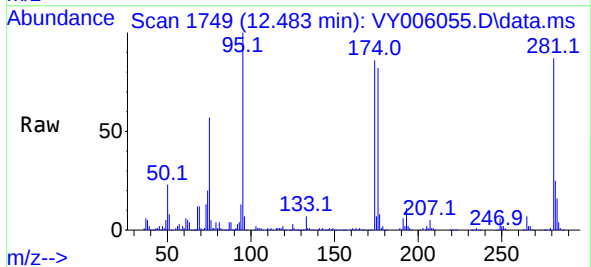
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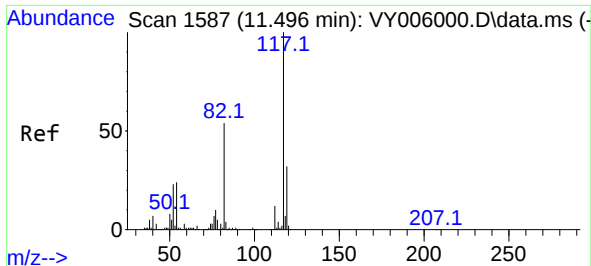
Tgt Ion: 98 Resp: 354202
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 58.249 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

Tgt Ion: 95 Resp: 140528
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 82.1 0.0 175.8

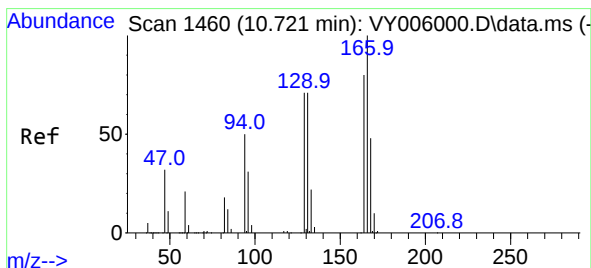
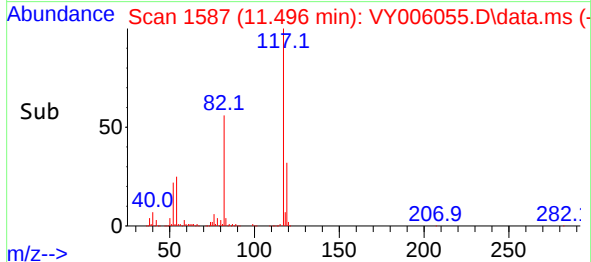
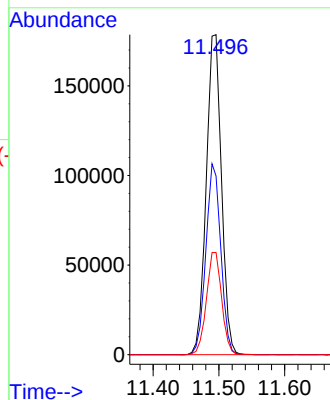
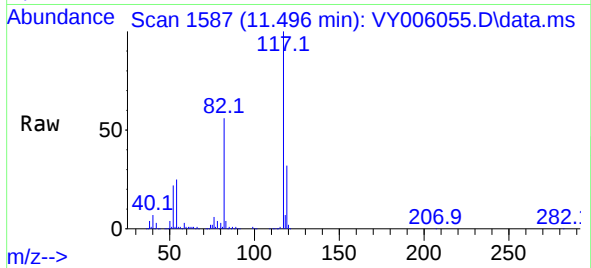




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

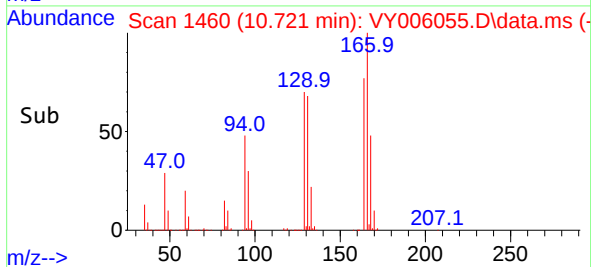
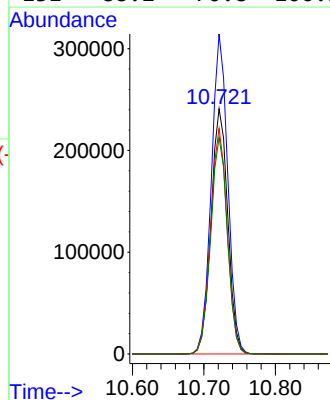
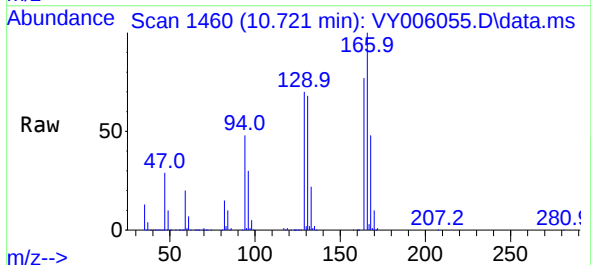
Instrument :
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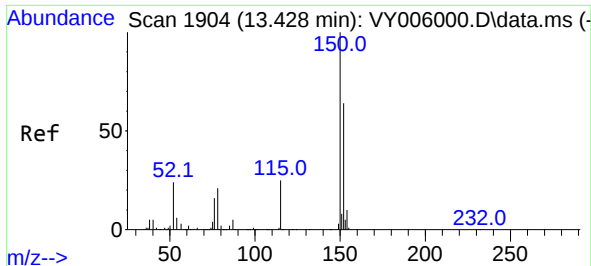
Tgt Ion:	117	Resp:	287212
Ion Ratio	Lower	Upper	
117	100		
82	55.9	43.0	64.4
119	31.9	25.4	38.0



#64
Tetrachloroethene
Concen: 167.088 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006055.D
Acq: 16 Sep 2021 18:01

Tgt Ion:	164	Resp:	392511
Ion Ratio	Lower	Upper	
164	100		
166	130.4	100.4	150.6
129	91.9	71.4	107.0
131	88.2	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: VY006055.D
 Acq: 16 Sep 2021 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-04-(25-27)

Tgt Ion:152 Resp: 145357
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 157.1 0.0 347.6

