

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006584.D
 Acq On : 02 Nov 2021 18:12
 Operator : SY/MD
 Sample : M4433-01
 Misc : 3.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124055

Quant Time: Nov 03 02:02:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

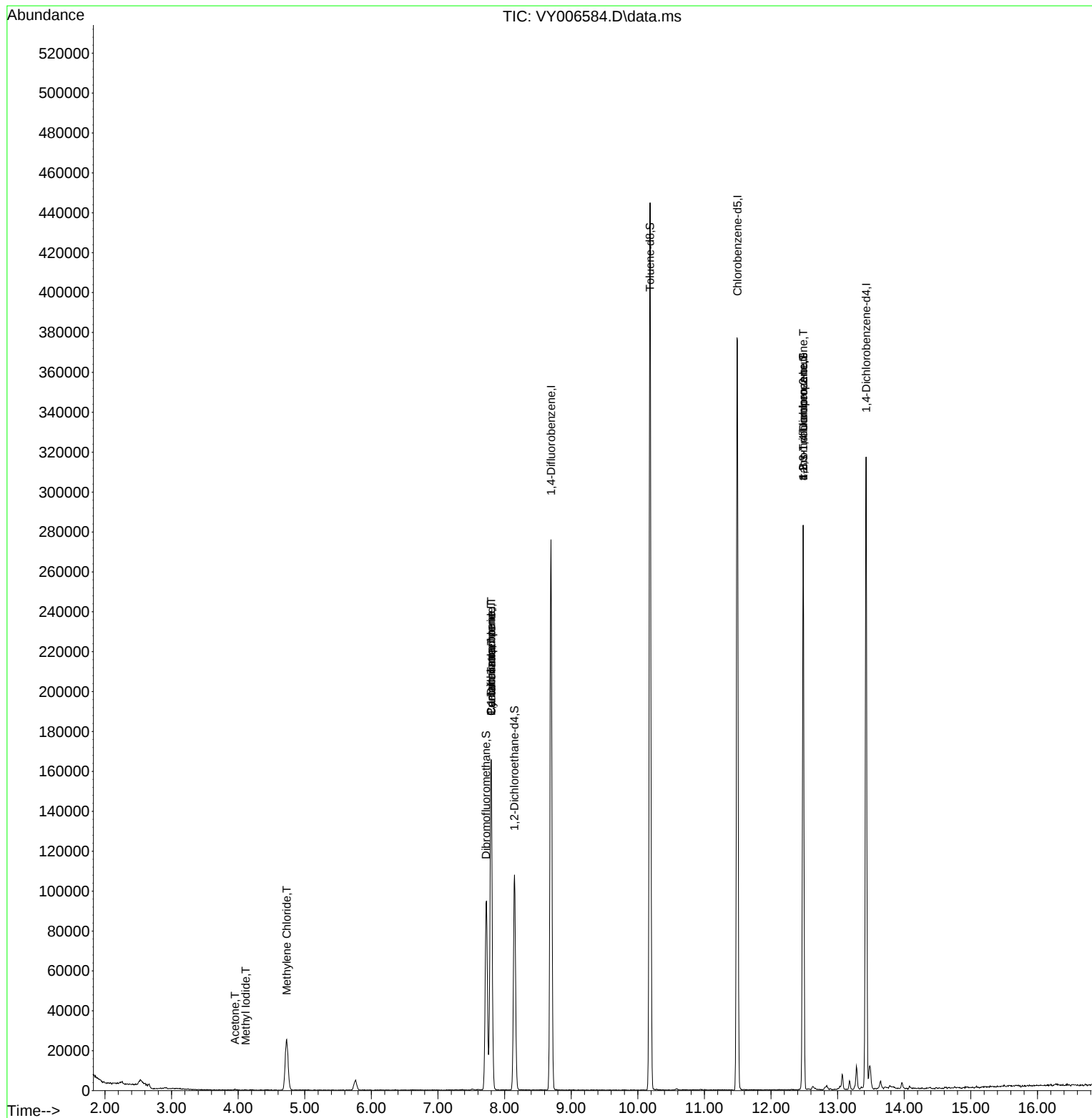
Internal Standards						
1) Pentafluorobenzene	7.801	168	125139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	191303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	87208	56.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.260%	
35) Dibromofluoromethane	7.722	113	65533	54.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.020%	
50) Toluene-d8	10.185	98	275544	54.070	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.140%	
62) 4-Bromofluorobenzene	12.483	95	78966	46.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	158	5.175	ug/l #	90
16) Acetone	3.954	43	639	1.441	ug/l #	83
20) Methylene Chloride	4.728	84	17619	9.540	ug/l	93
31) Cyclohexane	7.801	56	3254	1.305	ug/l #	28
36) 1,1-Dichloropropene	7.795	75	10941	5.134	ug/l #	49
38) Carbon Tetrachloride	7.801	117	12641	5.377	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45013	58.361	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45013	119.812	ug/l #	7

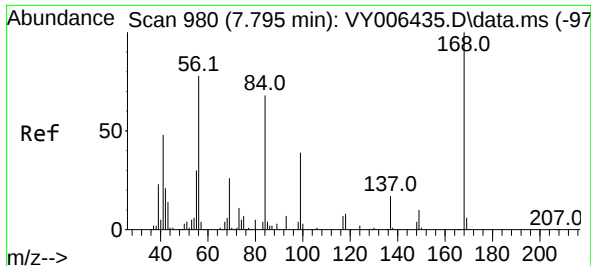
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

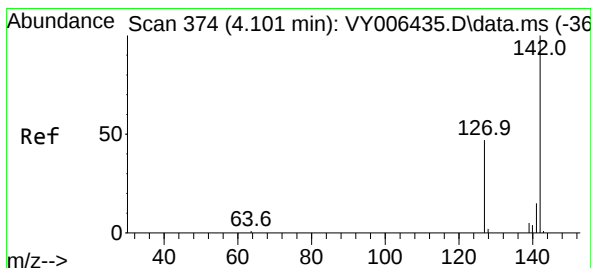
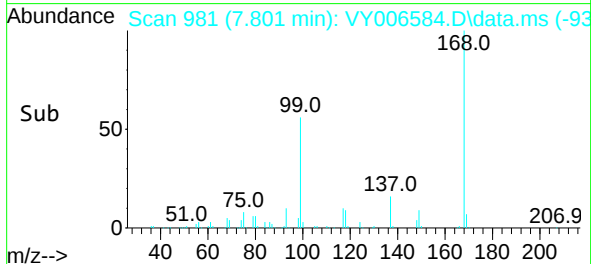
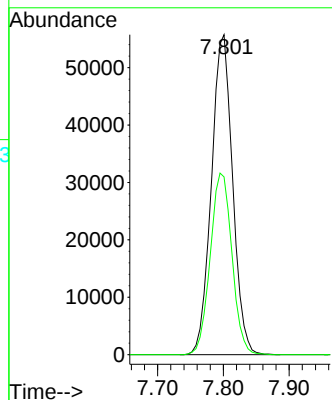
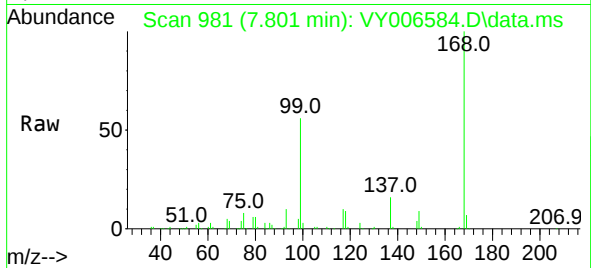




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

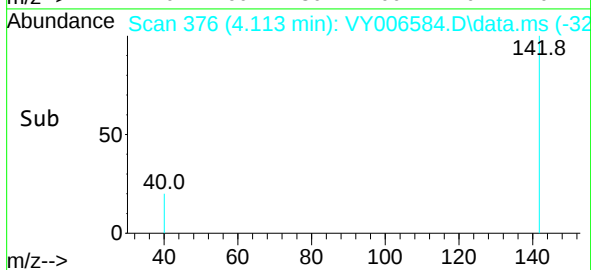
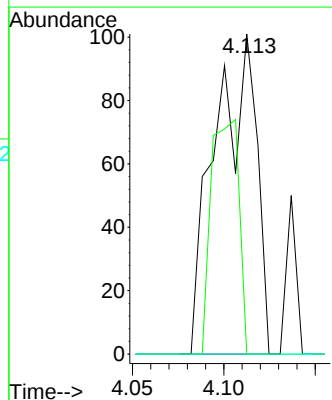
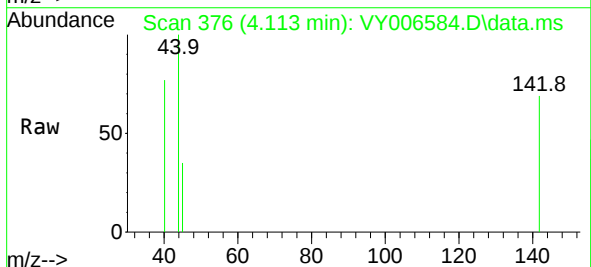
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

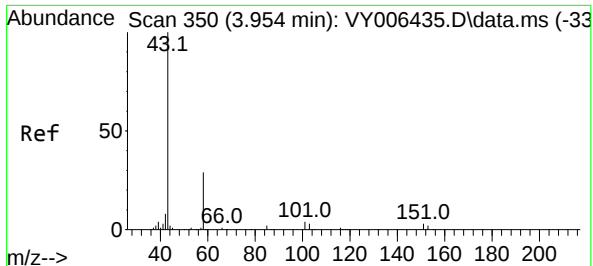
Tgt Ion:168 Resp: 125139
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.175 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
127 49.4 40.1 60.1
141 0.0 12.5 18.7#

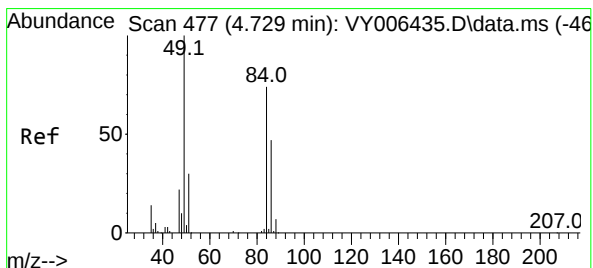
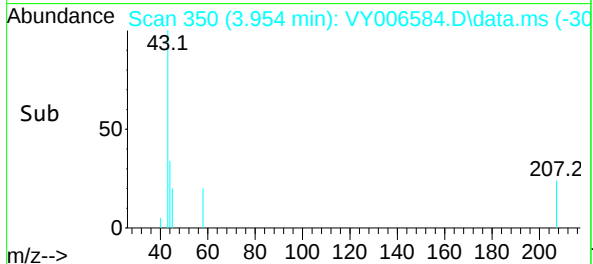
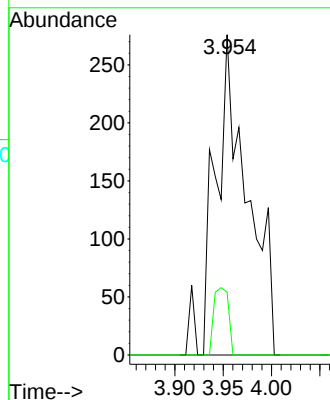
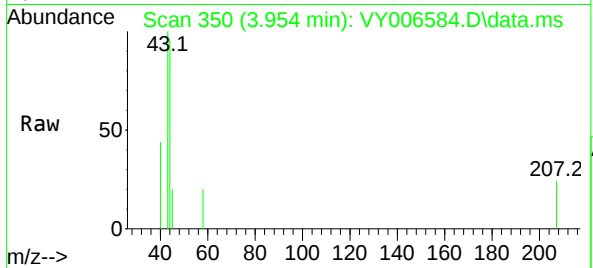




#16
Acetone
Concen: 1.441 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

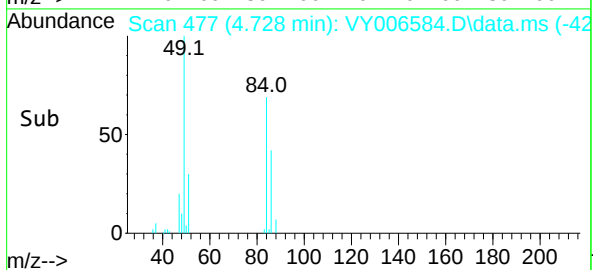
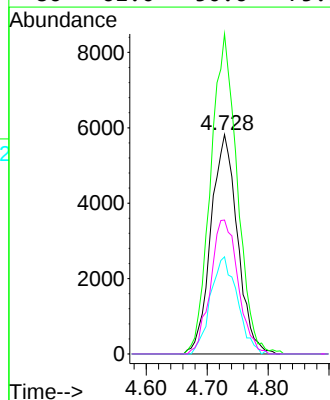
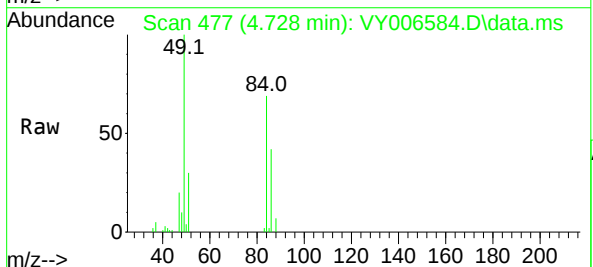
Instrument :
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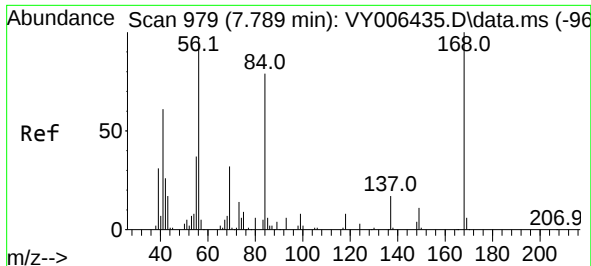
Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 19.6 22.9 34.3#



#20
Methylene Chloride
Concen: 9.540 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

Tgt Ion: 84 Resp: 17619
Ion Ratio Lower Upper
84 100
49 145.9 107.8 161.8
51 44.3 32.8 49.2
86 61.0 50.6 75.8

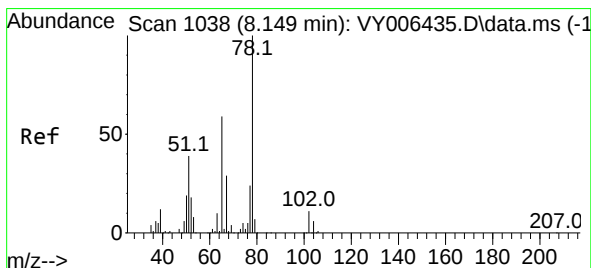
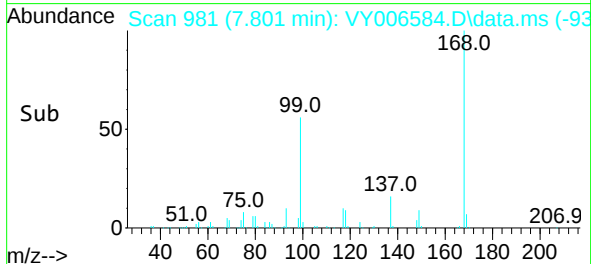
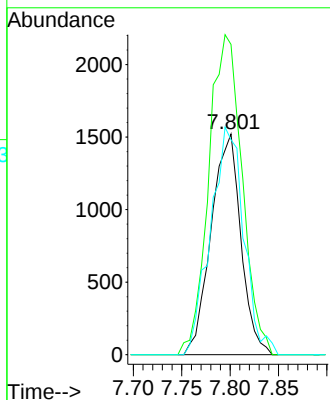
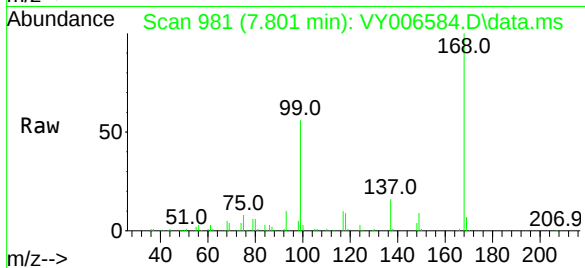




#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

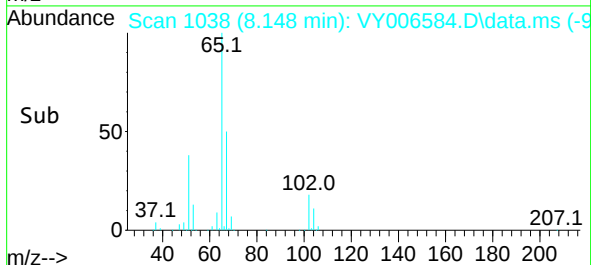
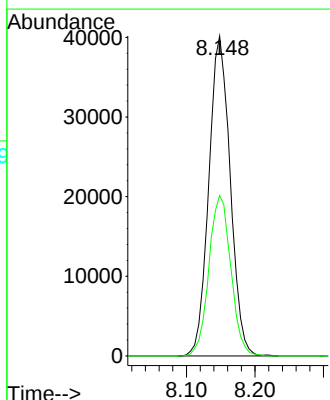
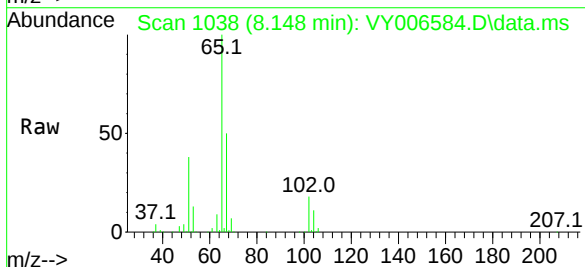
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

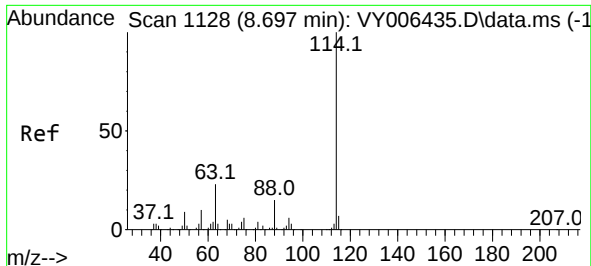
Tgt Ion: 56 Resp: 3254
Ion Ratio Lower Upper
56 100
69 140.6 26.6 40.0#
84 101.9 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 56.632 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

Tgt Ion: 65 Resp: 87208
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.2

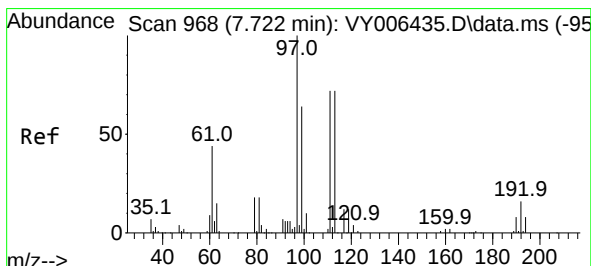
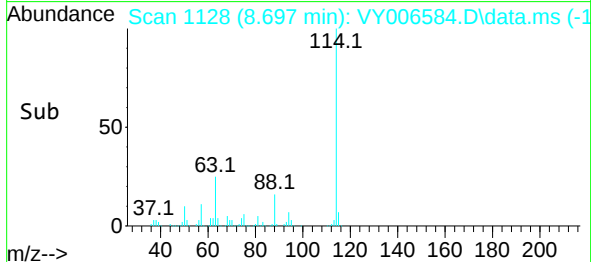
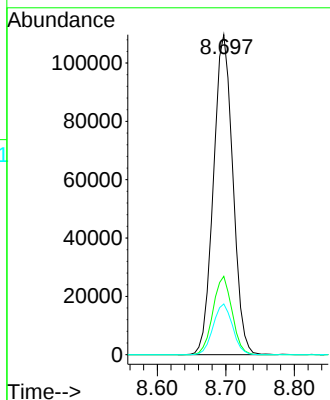
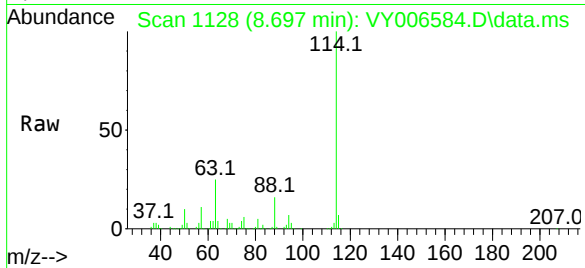




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

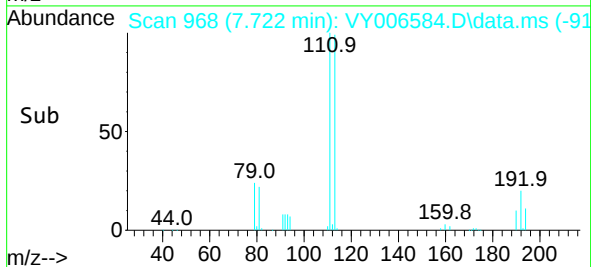
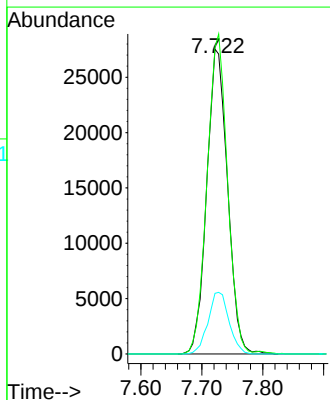
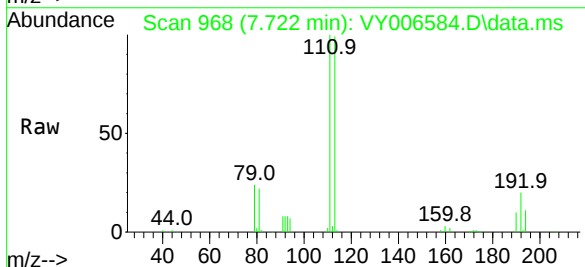
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

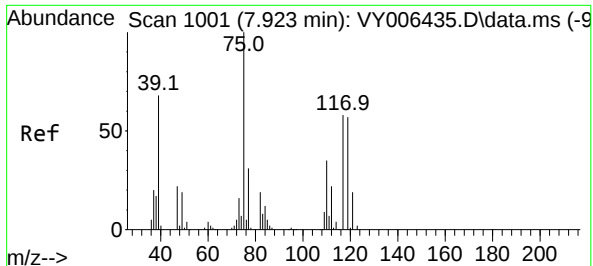
Tgt Ion:114 Resp: 215679
Ion Ratio Lower Upper
114 100
63 24.5 0.0 45.0
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.514 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

Tgt Ion:113 Resp: 65533
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 20.3 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.134 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006584.D

Acq: 02 Nov 2021 18:12

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124055

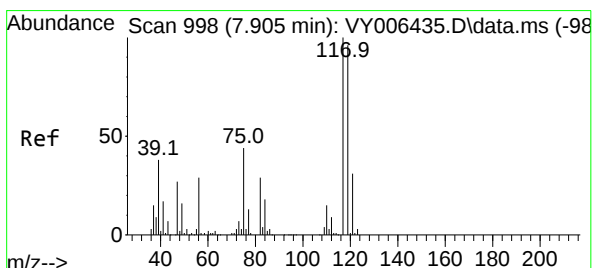
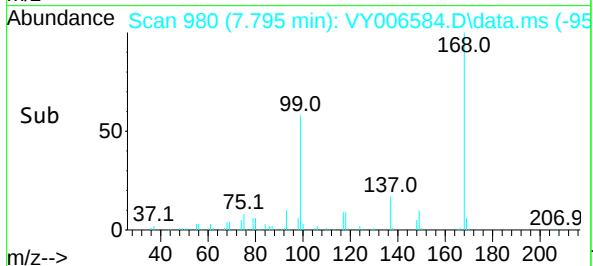
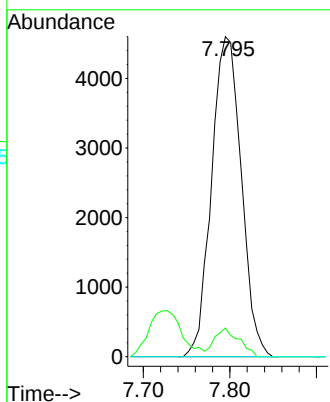
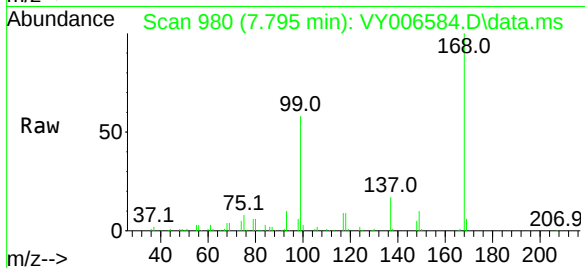
Tgt Ion: 75 Resp: 10941

Ion Ratio Lower Upper

75 100

110 7.4 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.377 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY006584.D

Acq: 02 Nov 2021 18:12

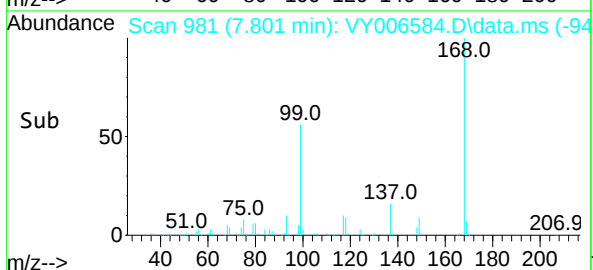
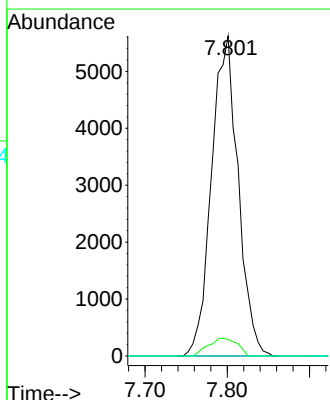
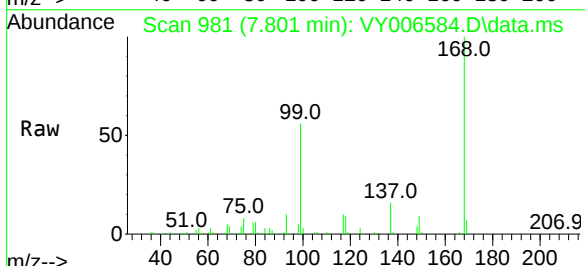
Tgt Ion: 117 Resp: 12641

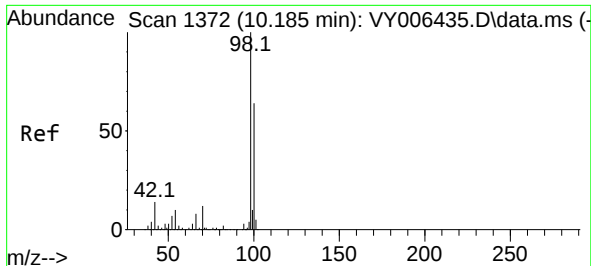
Ion Ratio Lower Upper

117 100

119 5.1 76.6 115.0#

121 0.0 24.7 37.1#

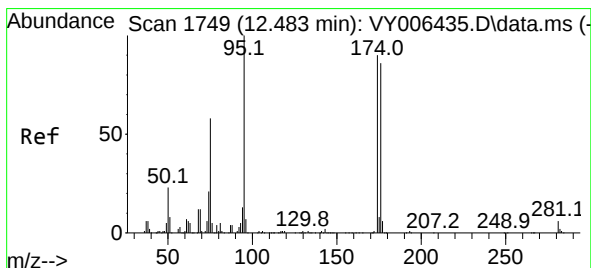
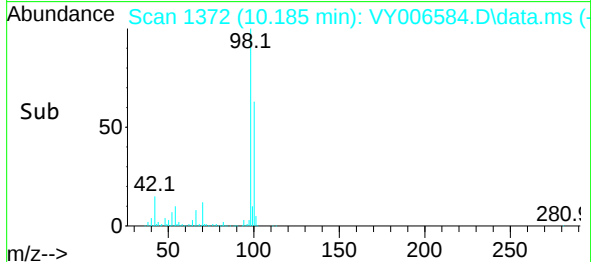
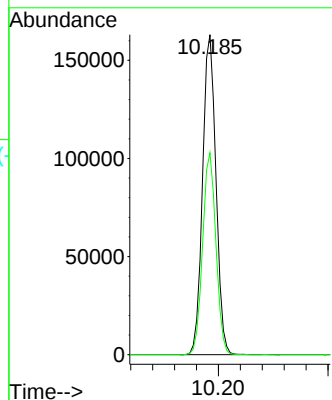
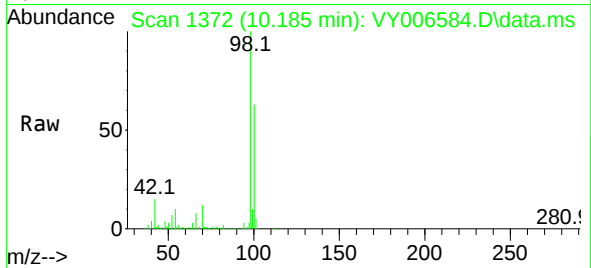




#50
Toluene-d8
Concen: 54.070 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

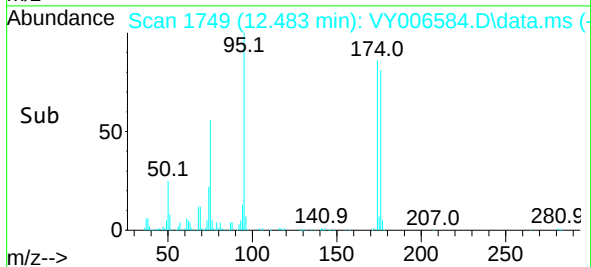
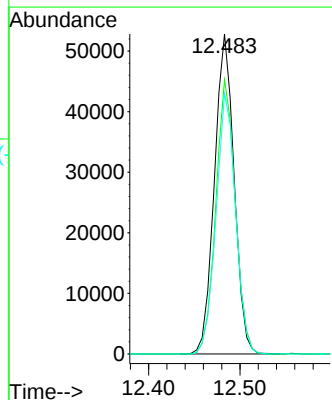
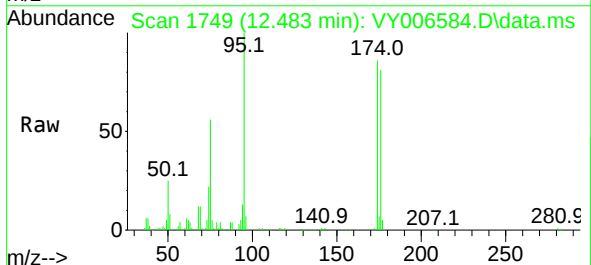
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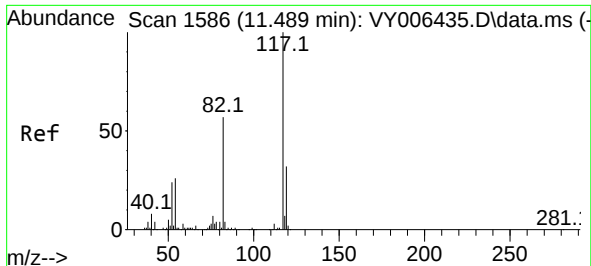
Tgt Ion: 98 Resp: 275544
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

Tgt Ion: 95 Resp: 78966
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.1 0.0 169.4

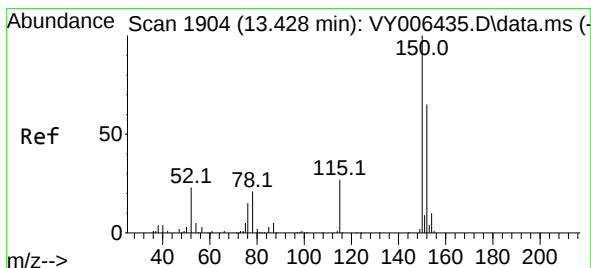
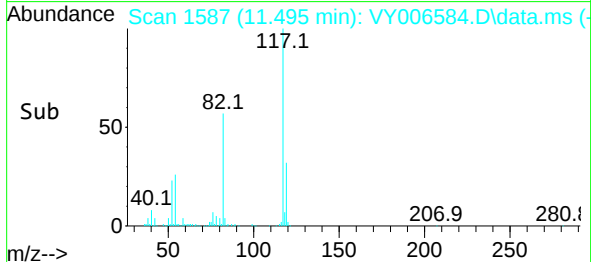
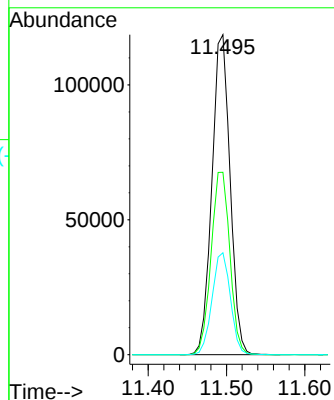
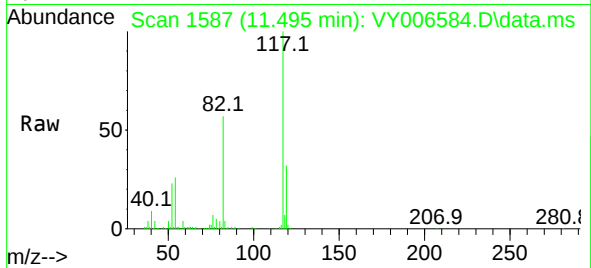




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

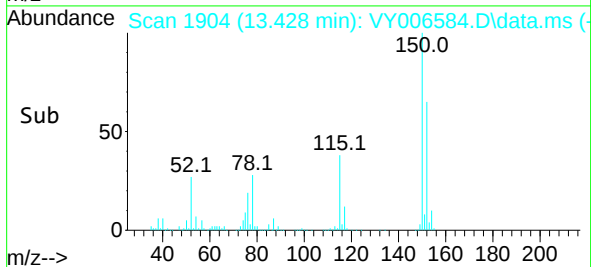
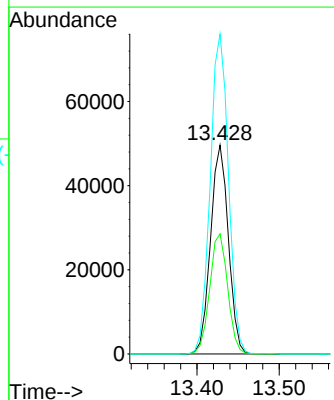
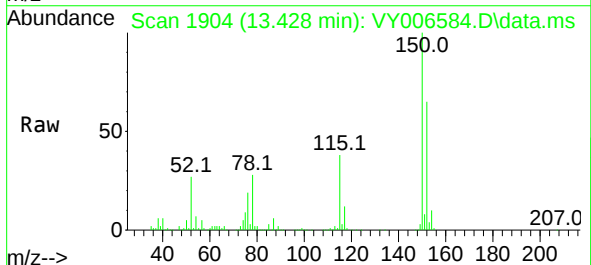
Instrument :
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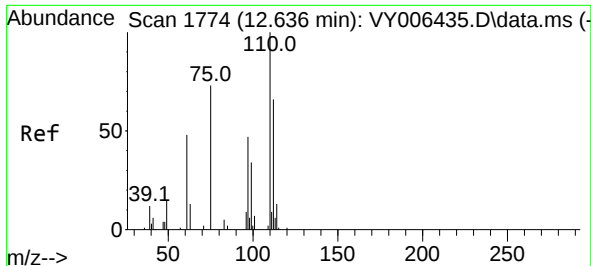
Tgt Ion:117 Resp: 191303
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

Tgt Ion:152 Resp: 74848
Ion Ratio Lower Upper
152 100
115 57.8 28.5 85.5
150 156.1 0.0 348.2

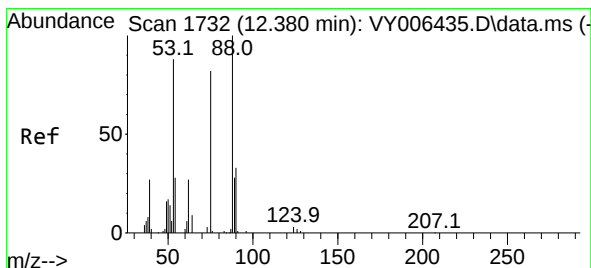
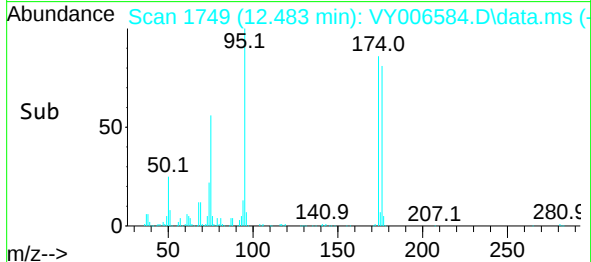
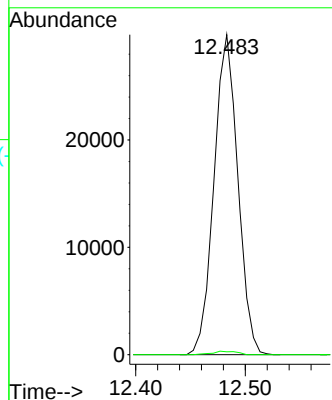
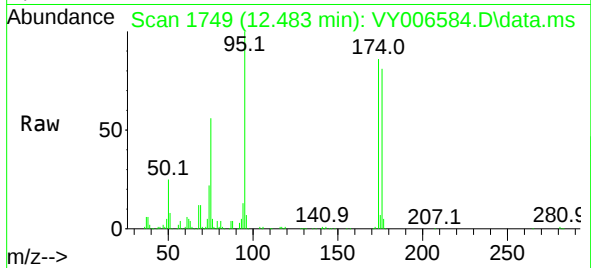




#76
1,2,3-Trichloropropane
Concen: 58.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

Tgt Ion: 75 Resp: 45013
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.812 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006584.D
Acq: 02 Nov 2021 18:12

Tgt Ion: 75 Resp: 45013
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 39.3 58.9#

