

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008210.D
 Acq On : 05 Apr 2022 15:27
 Operator : SY/MD
 Sample : N2237-05RE
 Misc : 5.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A12040RE

Quant Time: Apr 06 03:57:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

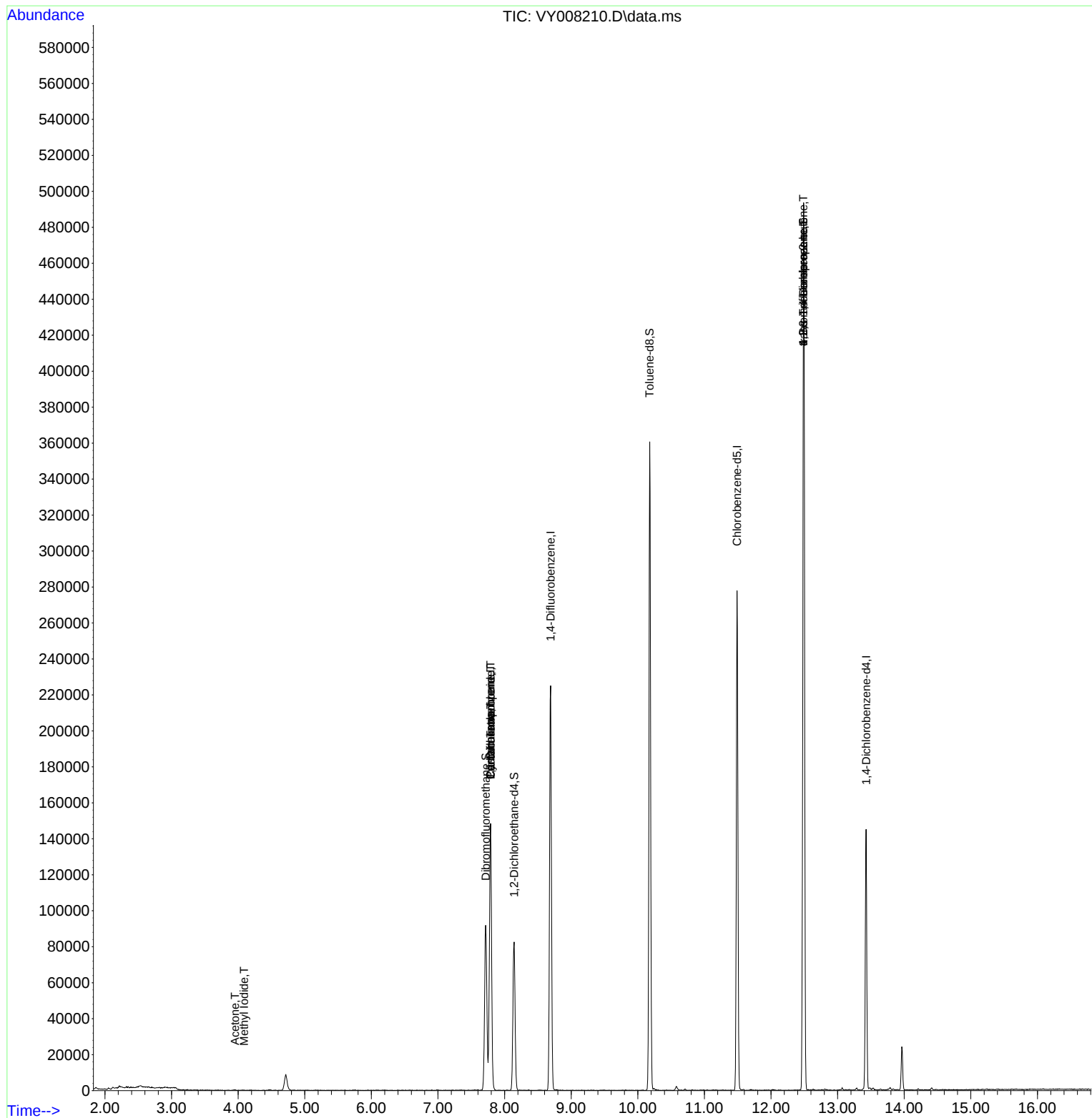
Internal Standards						
1) Pentafluorobenzene	7.789	168	115289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64622	55.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.740%	
35) Dibromofluoromethane	7.716	113	65895	51.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.440%	
50) Toluene-d8	10.179	98	243502	50.729	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	12.483	95	51428	30.369	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.740%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	22	1.711	ug/l #	35
16) Acetone	3.954	43	375	1.418	ug/l #	47
18) Methyl Acetate	4.485	43	402	Below Cal	#	56
31) Cyclohexane	7.789	56	2230	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9064	4.529	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11587	5.313	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	29606	66.421	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29606	148.197	ug/l #	9

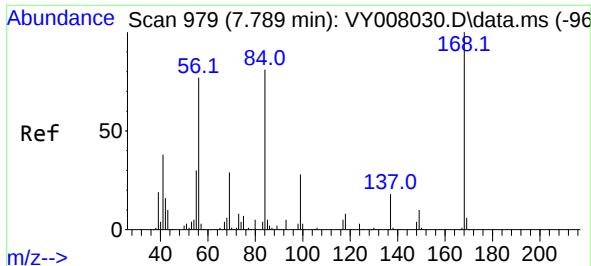
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
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Misc : 5.96g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A12040RE

Quant Time: Apr 06 03:57:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

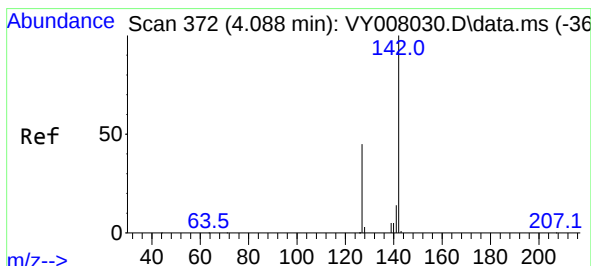
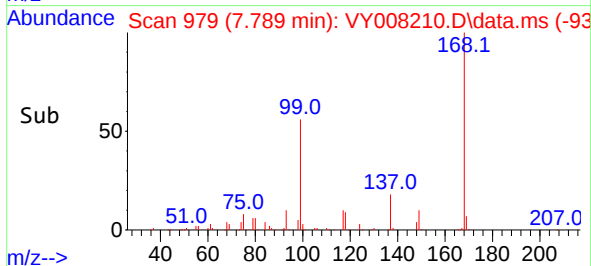
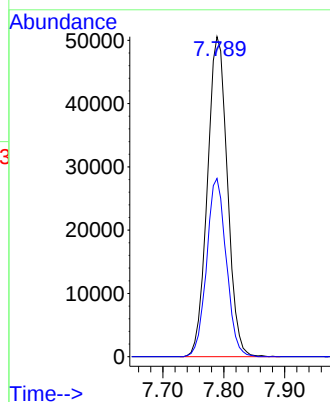
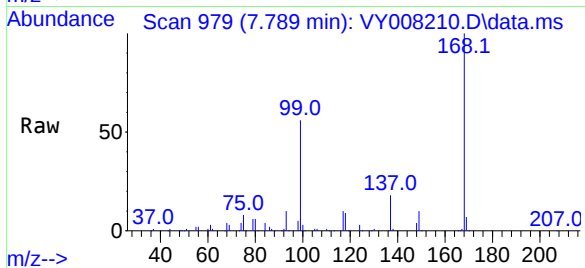




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

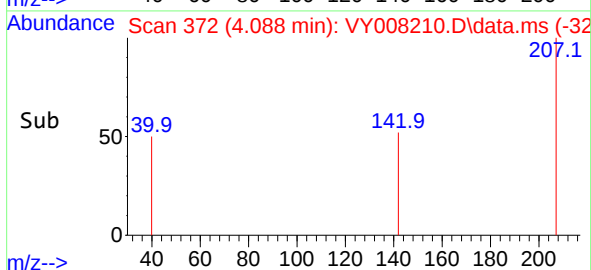
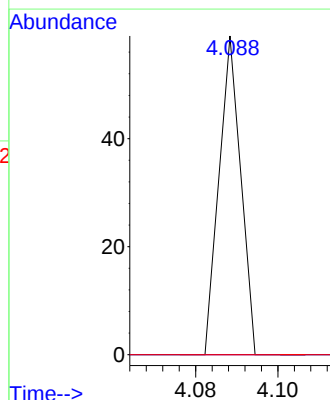
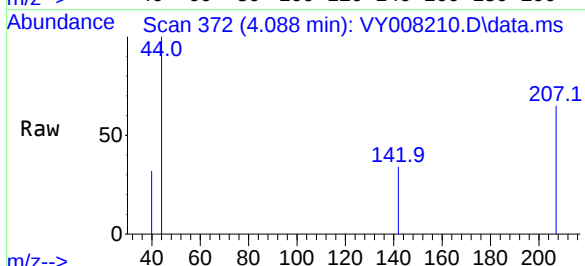
Instrument :
MSVOA_Y
ClientSampleId :
A12040RE

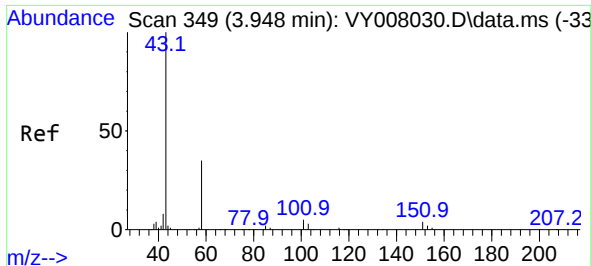
Tgt Ion:168 Resp: 115289
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#10
Methyl Iodide
Concen: 1.711 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

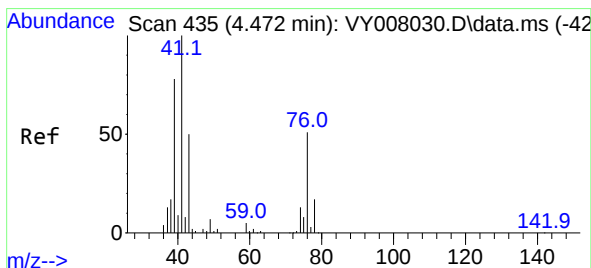
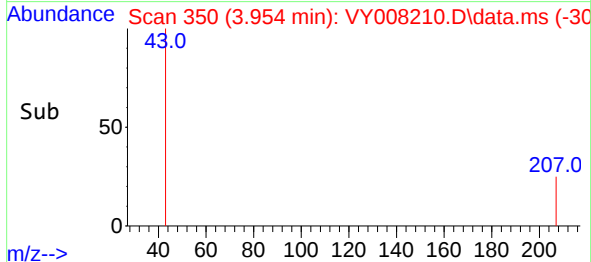
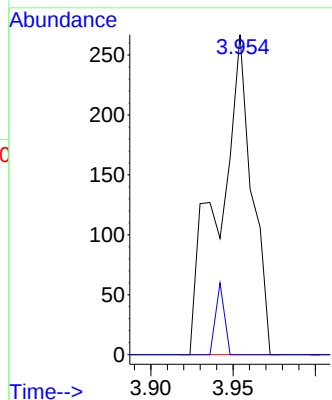
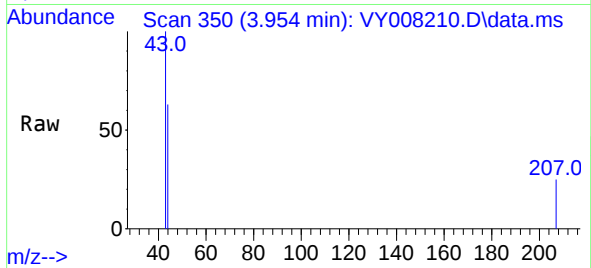




#16
Acetone
Concen: 1.418 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

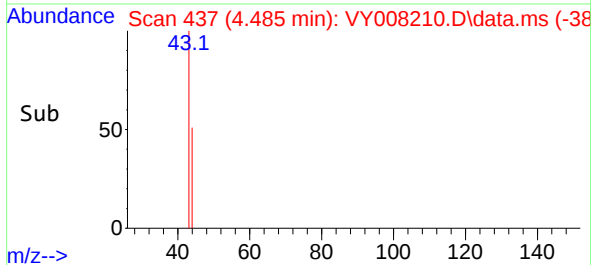
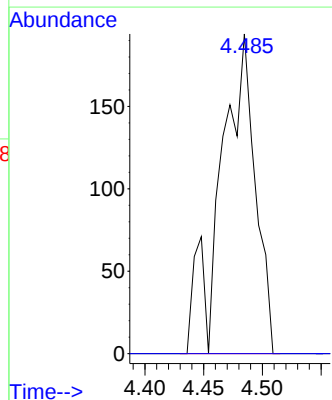
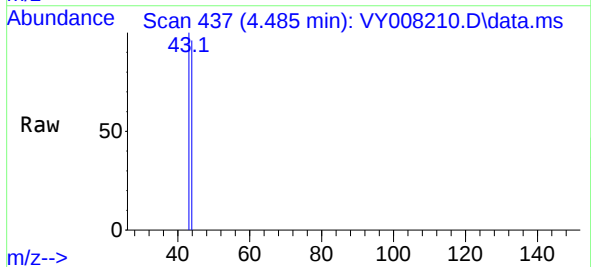
Instrument :
MSVOA_Y
ClientSampleId :
A12040RE

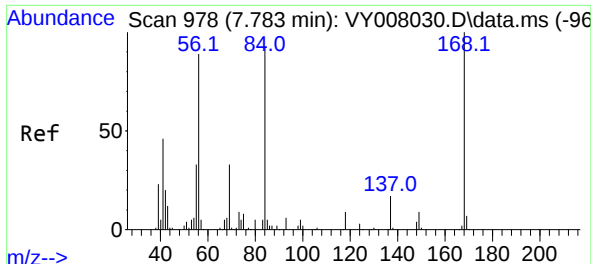
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

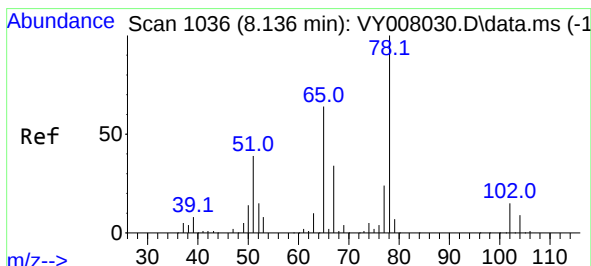
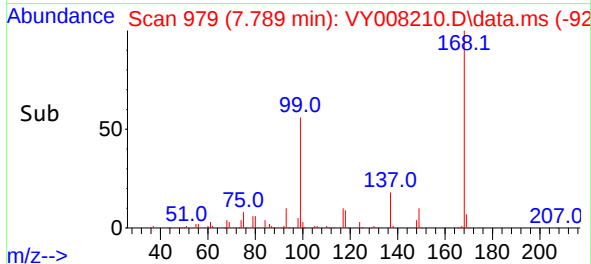
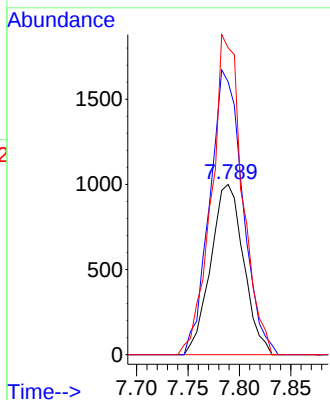
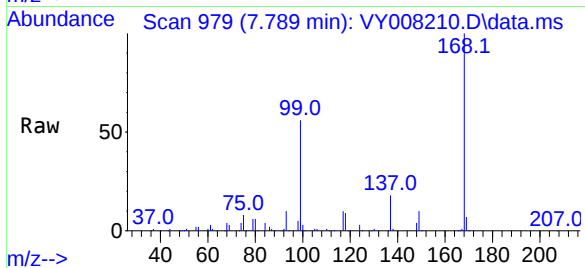




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

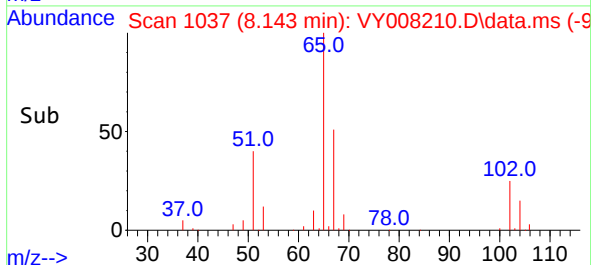
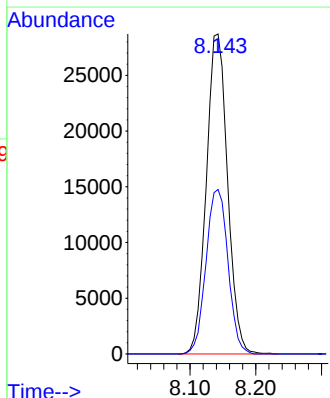
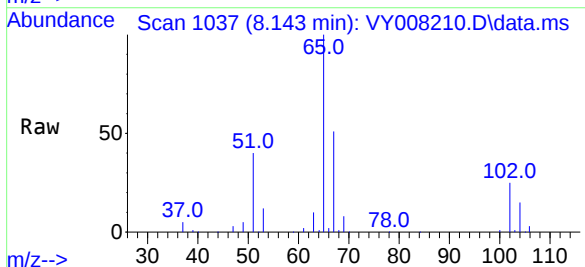
Instrument :
MSVOA_Y
ClientSampleId :
A12040RE

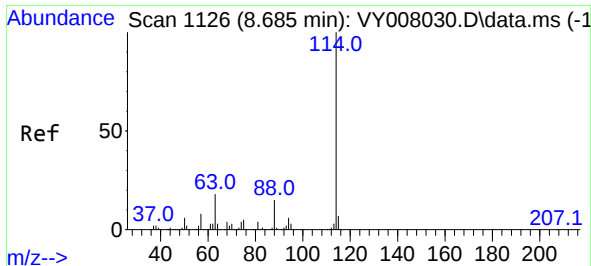
Tgt Ion: 56 Resp: 2230
Ion Ratio Lower Upper
56 100
69 160.2 26.7 40.1#
84 180.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.868 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

Tgt Ion: 65 Resp: 64622
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008210.D

Acq: 05 Apr 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

A12040RE

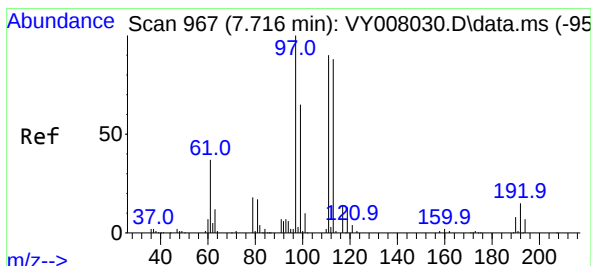
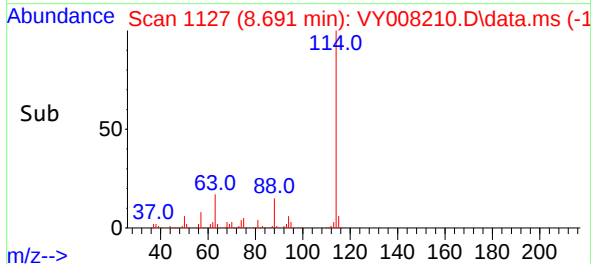
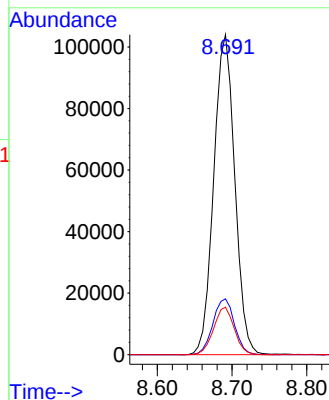
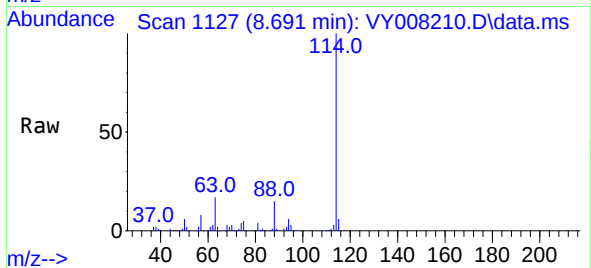
Tgt Ion:114 Resp: 203208

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.721 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008210.D

Acq: 05 Apr 2022 15:27

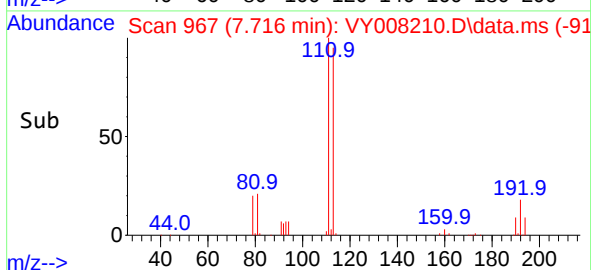
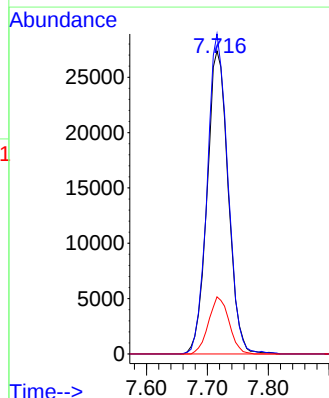
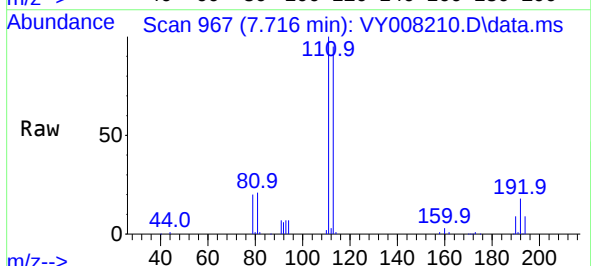
Tgt Ion:113 Resp: 65895

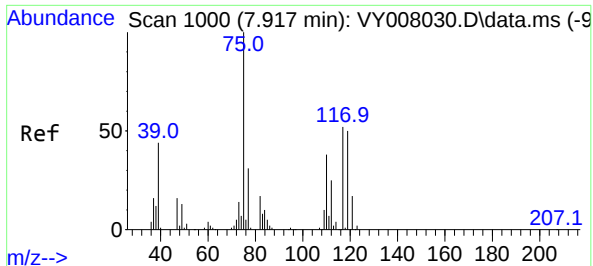
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.529 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008210.D

Acq: 05 Apr 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

A12040RE

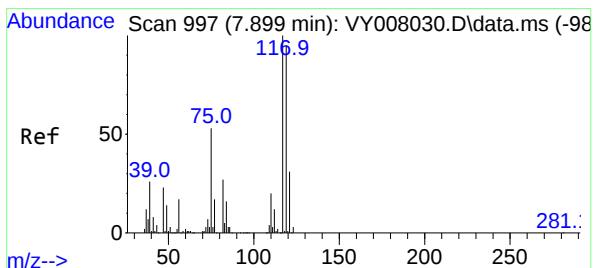
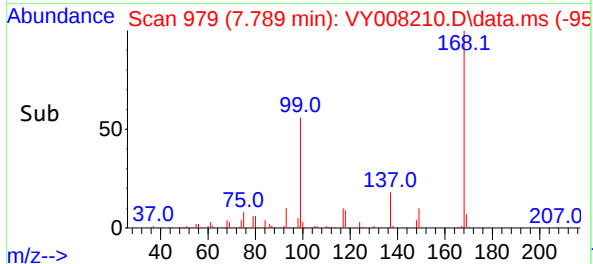
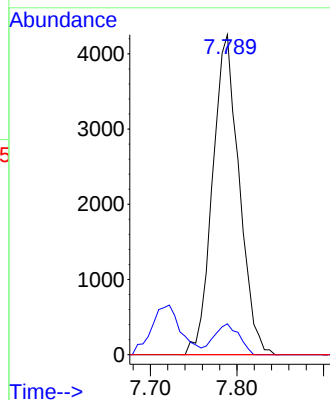
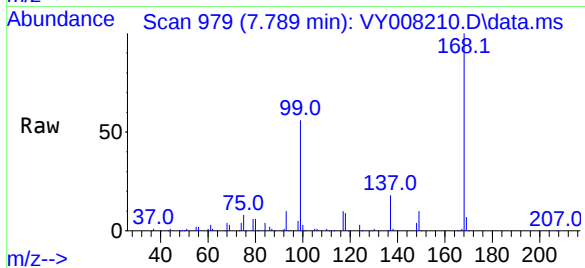
Tgt Ion: 75 Resp: 9064

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.313 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008210.D

Acq: 05 Apr 2022 15:27

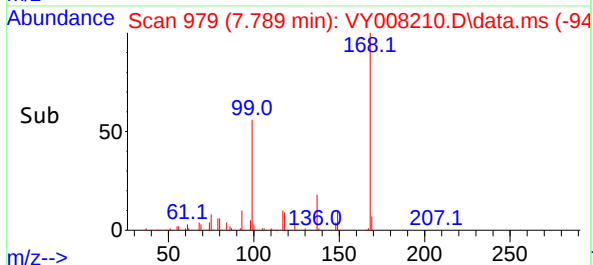
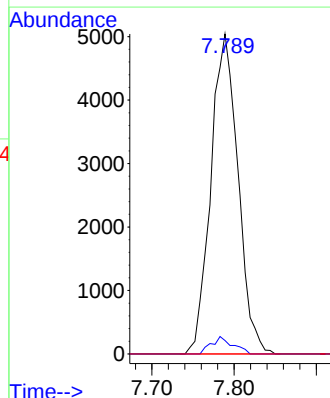
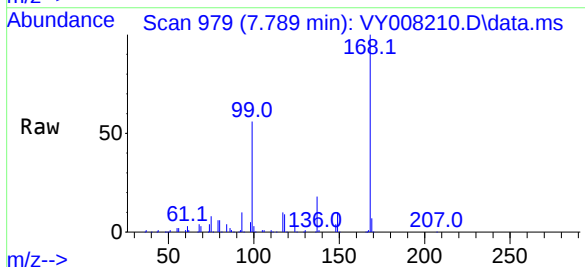
Tgt Ion: 117 Resp: 11587

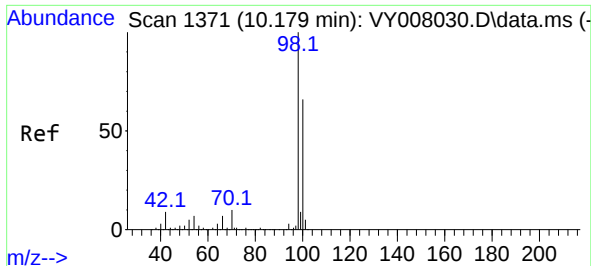
Ion Ratio Lower Upper

117 100

119 4.2 77.9 116.9#

121 0.0 24.8 37.2#

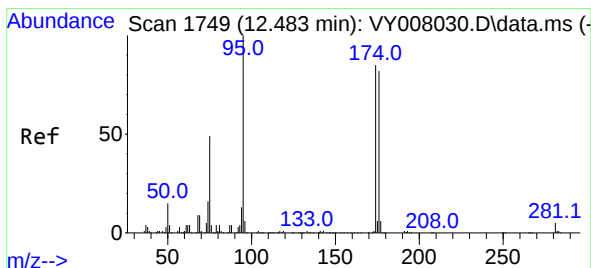
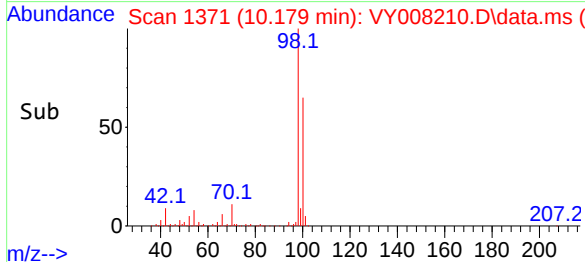
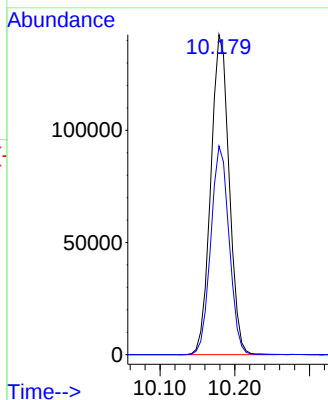
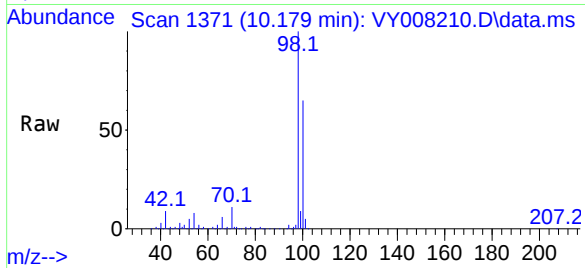




#50
Toluene-d8
Concen: 50.729 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

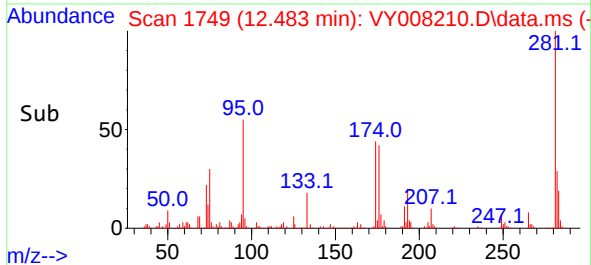
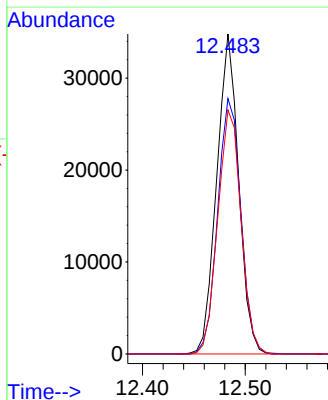
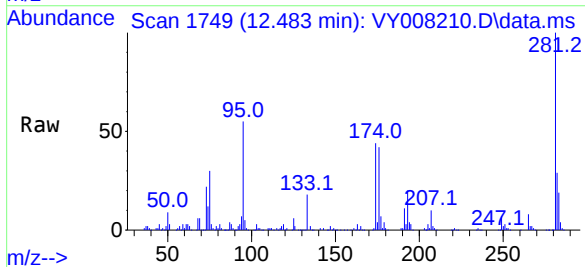
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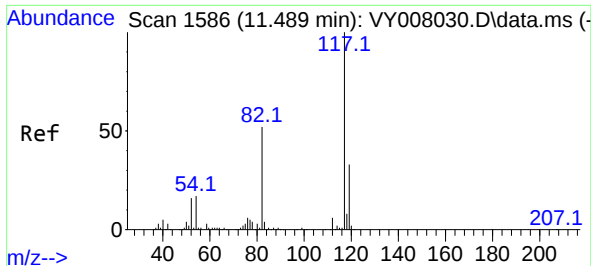
Tgt Ion: 98 Resp: 243502
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

Tgt Ion: 95 Resp: 51428
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 80.9 0.0 175.8

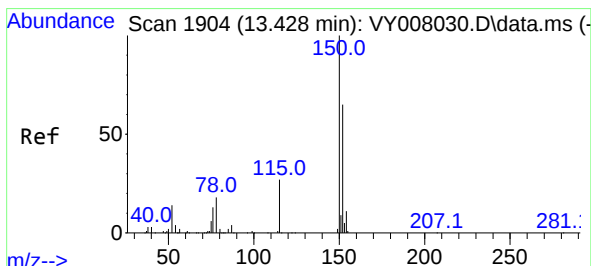
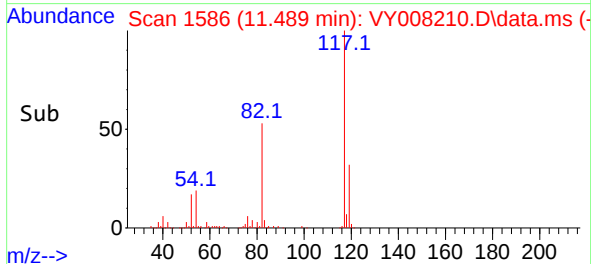
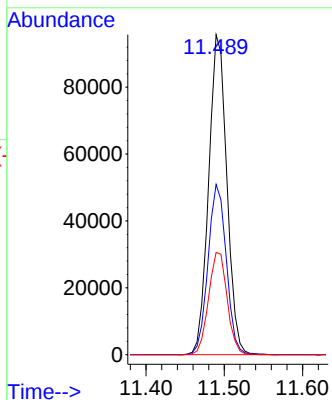
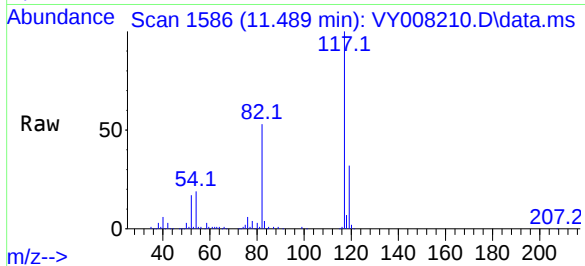




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

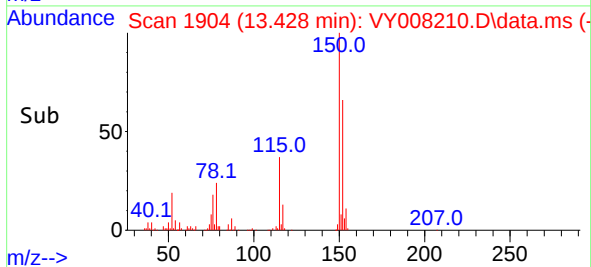
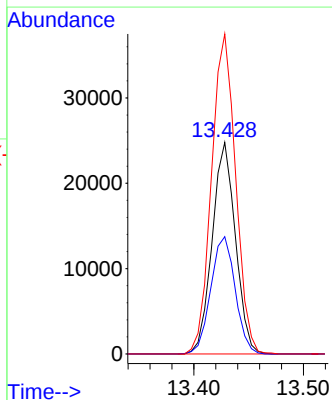
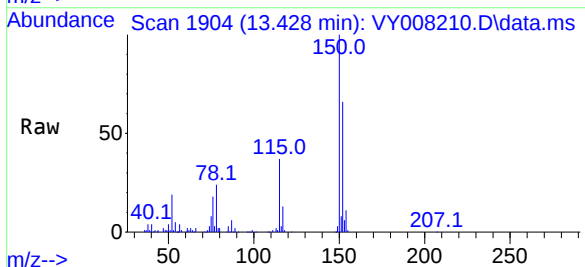
Instrument :
MSVOA_Y
ClientSampleId :
A12040RE

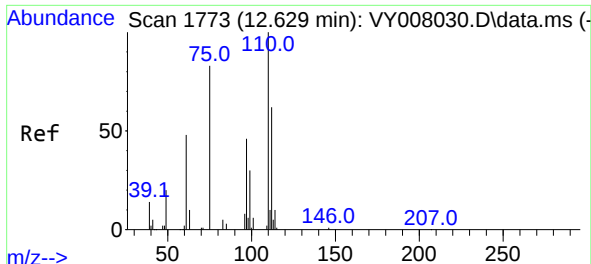
Tgt Ion:117 Resp: 154287
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

Tgt Ion:152 Resp: 36565
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.9 0.0 347.6

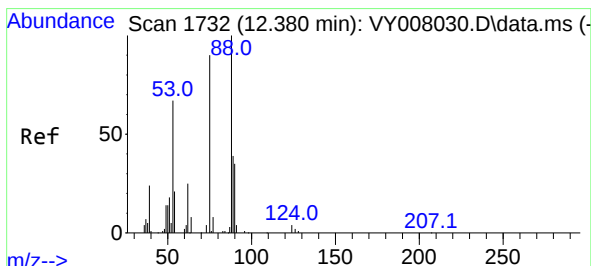
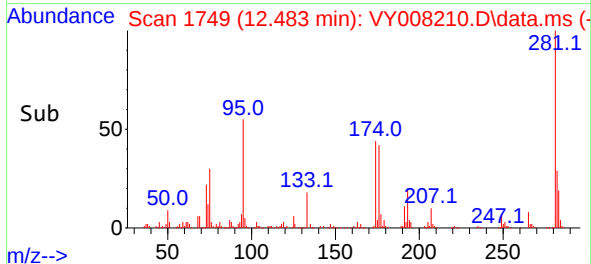
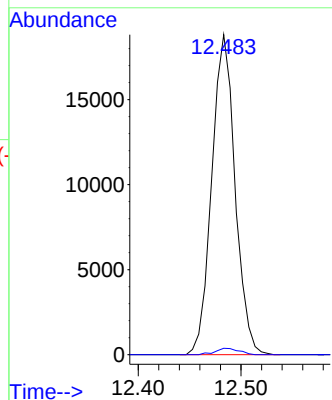
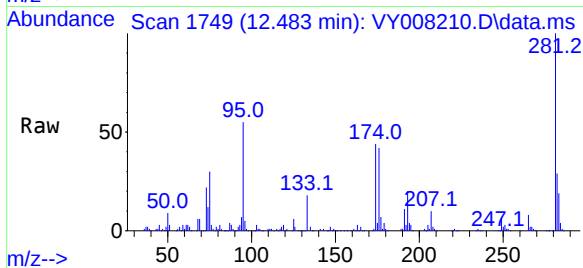




#76
1,2,3-Trichloropropane
Concen: 66.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

Instrument :
MSVOA_Y
ClientSampleId :
A12040RE

Tgt Ion: 75 Resp: 29606
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.197 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008210.D
Acq: 05 Apr 2022 15:27

Tgt Ion: 75 Resp: 29606
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.5 37.0 55.4#

