

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008208.D
 Acq On : 05 Apr 2022 14:40
 Operator : SY/MD
 Sample : N2237-03RE
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A13145RE

Quant Time: Apr 06 03:57:18 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)

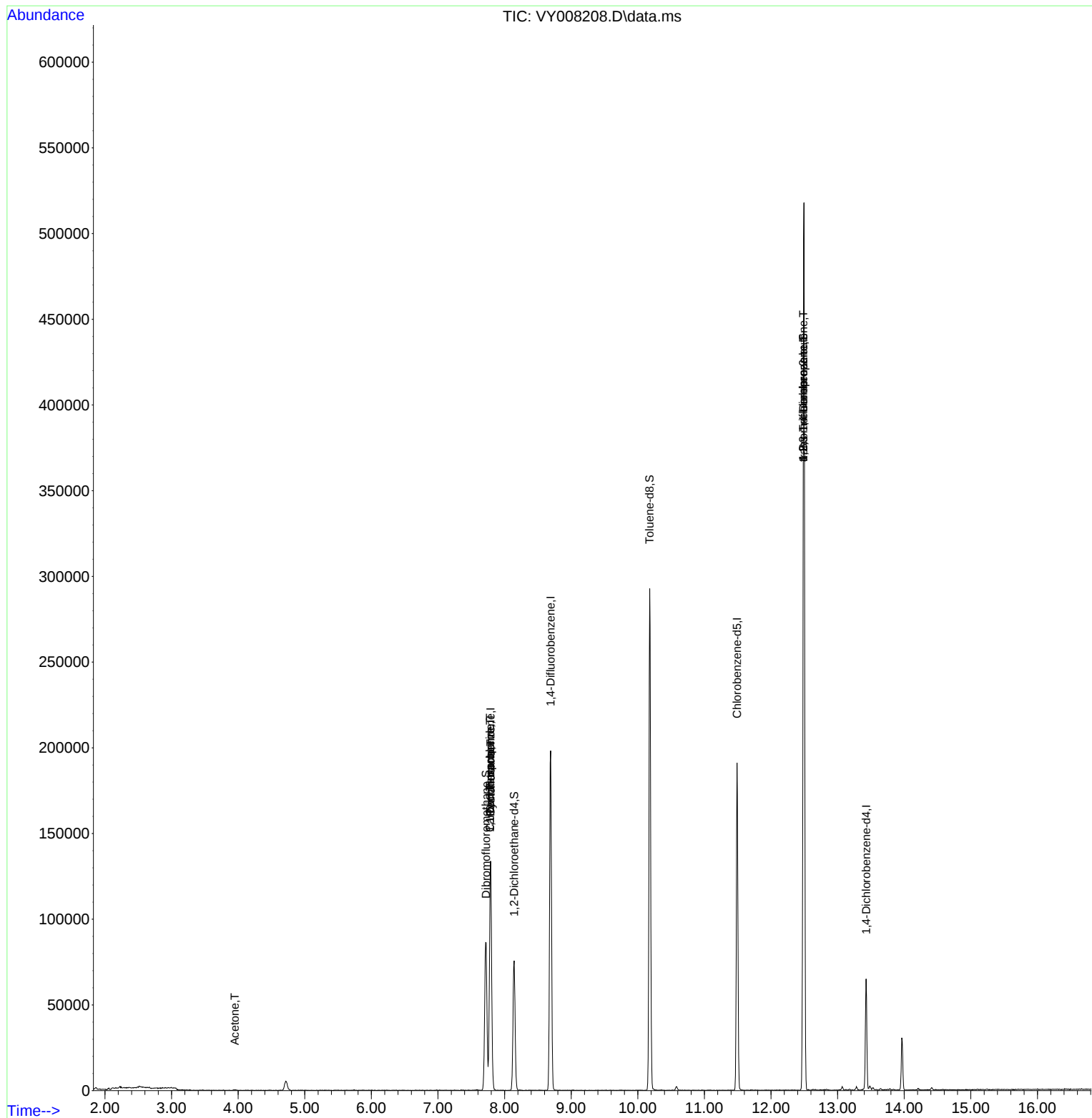
Internal Standards						
1) Pentafluorobenzene	7.789	168	105580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	106596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57403	54.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.380%	
35) Dibromofluoromethane	7.722	113	63012	55.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.500%	
50) Toluene-d8	10.179	98	197574	45.978	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.960%	
62) 4-Bromofluorobenzene	12.483	95	27158	17.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 35.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	457	1.887	ug/l	96
18) Methyl Acetate	4.466	43	273	Below Cal	#	56
20) Methylene Chloride	4.716	84	4504	Below Cal	#	76
31) Cyclohexane	7.789	56	2026	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8140	4.543	ug/l #	49
38) Carbon Tetrachloride	7.783	117	10499	5.377	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	17935	87.859	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17935	196.027	ug/l #	11

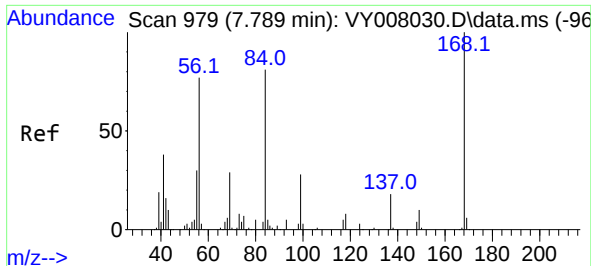
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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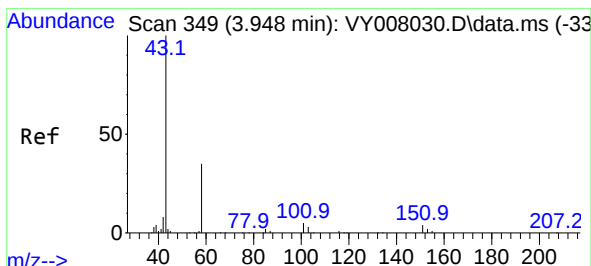
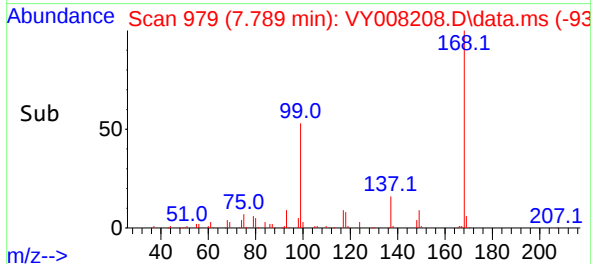
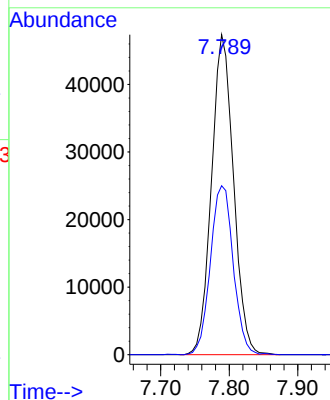
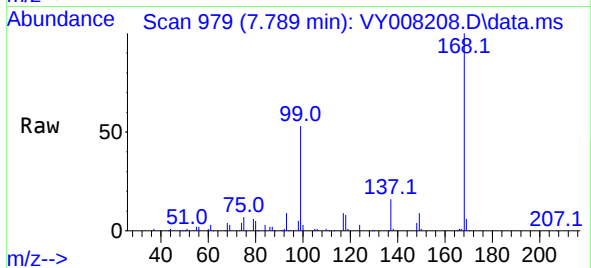




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

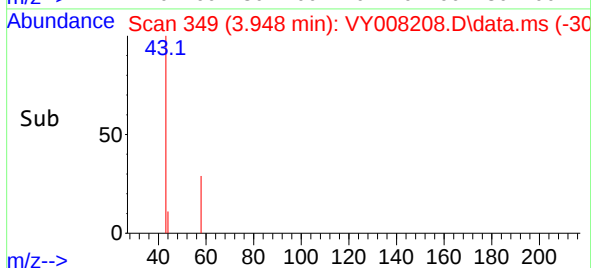
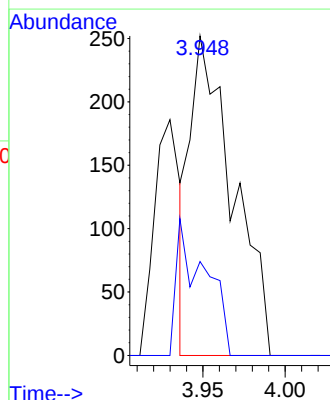
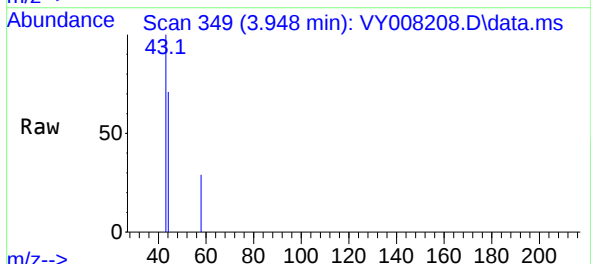
Instrument :
MSVOA_Y
ClientSampleId :
A13145RE

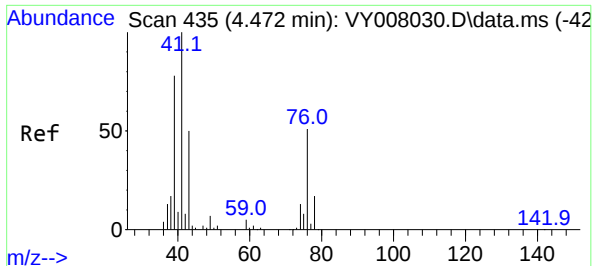
Tgt Ion:168 Resp: 105580
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#16
Acetone
Concen: 1.887 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0

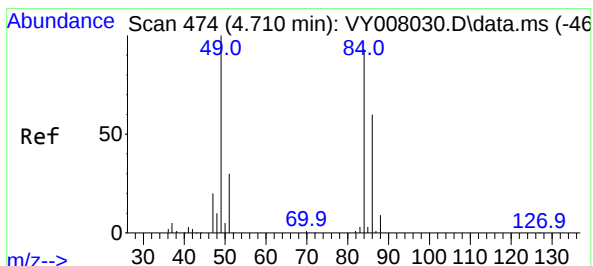
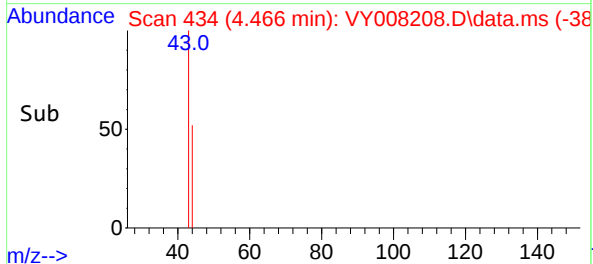
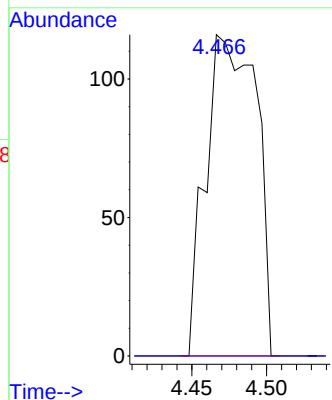
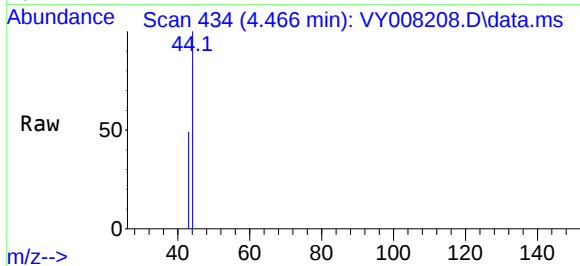




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

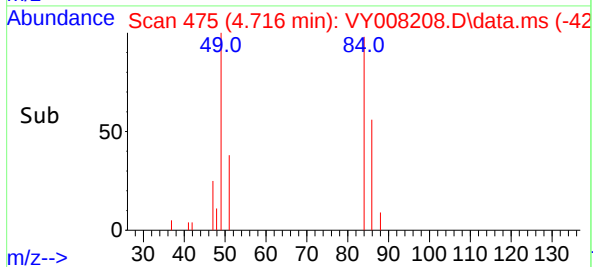
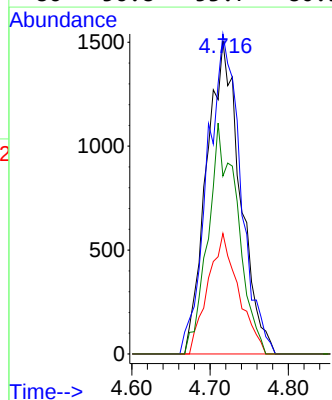
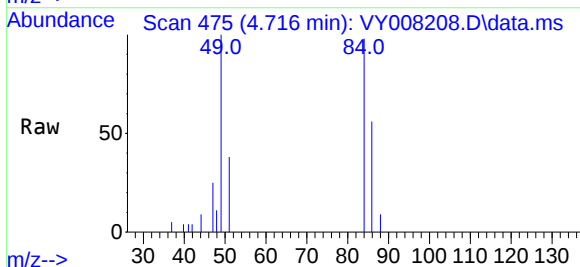
Instrument :
MSVOA_Y
ClientSampleId :
A13145RE

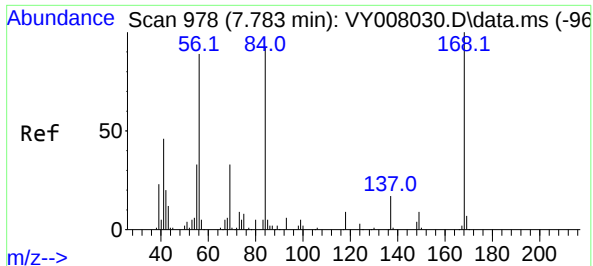
Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

Tgt Ion: 84 Resp: 4504
Ion Ratio Lower Upper
84 100
49 102.2 114.4 171.6#
51 38.5 35.3 52.9
86 56.8 53.7 80.5

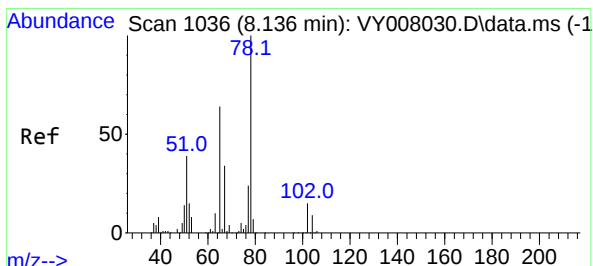
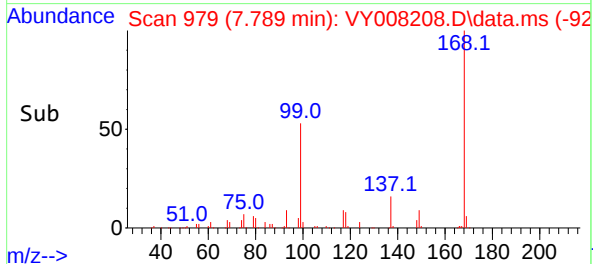
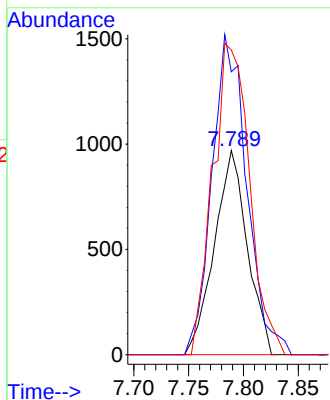
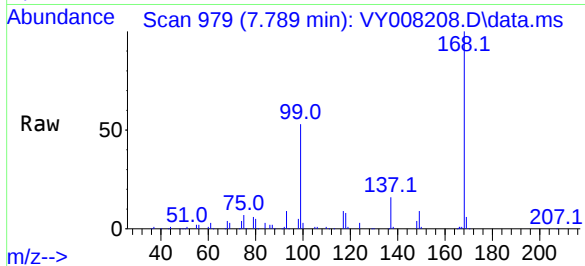




#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

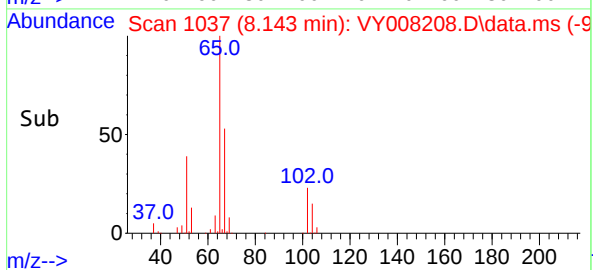
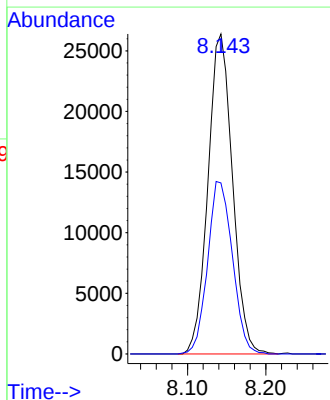
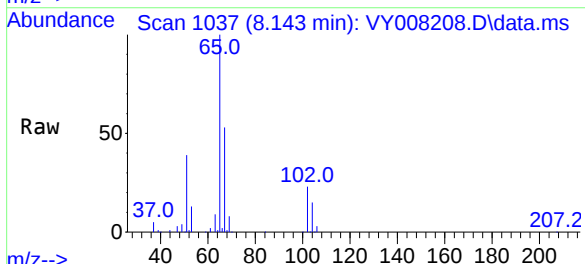
Instrument :
MSVOA_Y
ClientSampleId :
A13145RE

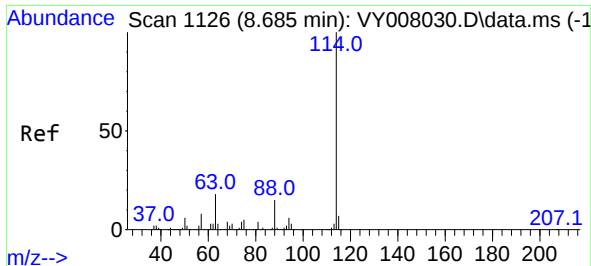
Tgt Ion: 56 Resp: 2026
Ion Ratio Lower Upper
56 100
69 138.6 26.7 40.1#
84 149.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.190 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

Tgt Ion: 65 Resp: 57403
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008208.D

Acq: 05 Apr 2022 14:40

Instrument :

MSVOA_Y

ClientSampleId :

A13145RE

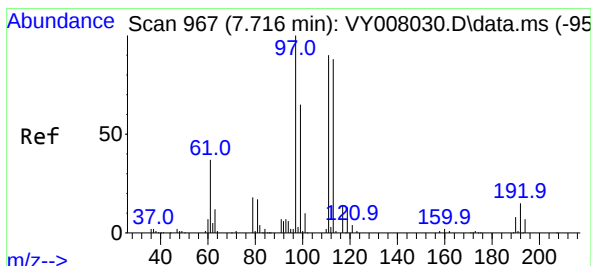
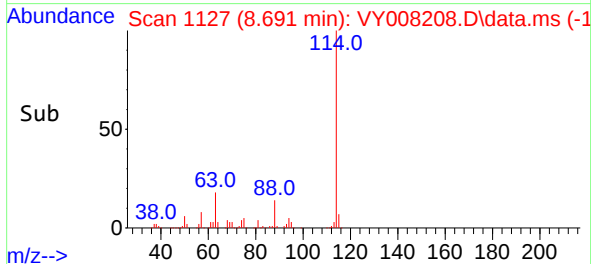
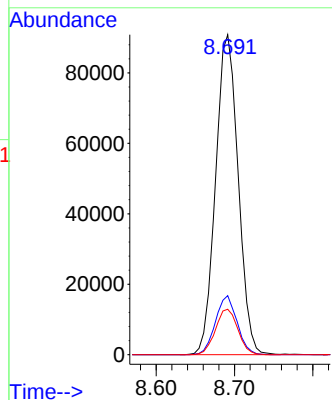
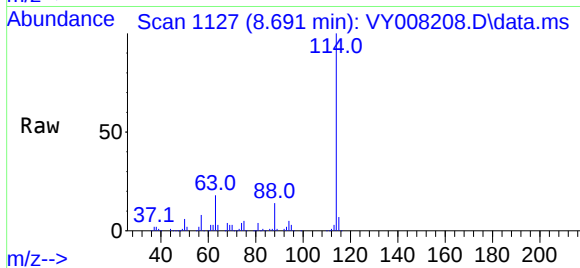
Tgt Ion:114 Resp: 181920

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.245 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008208.D

Acq: 05 Apr 2022 14:40

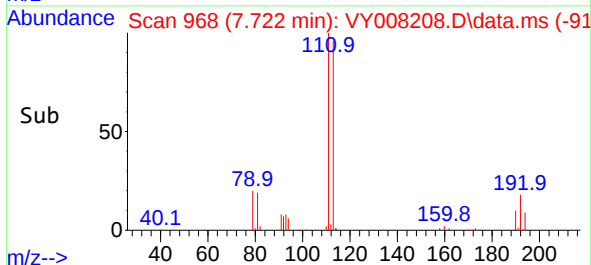
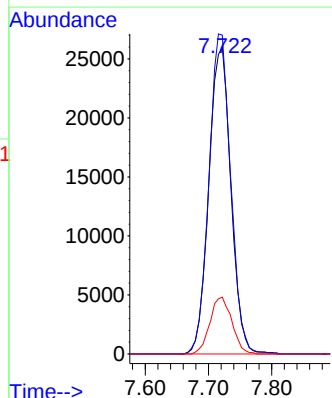
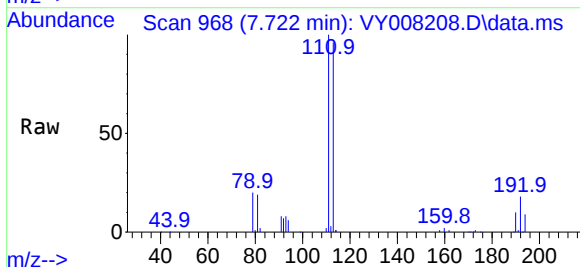
Tgt Ion:113 Resp: 63012

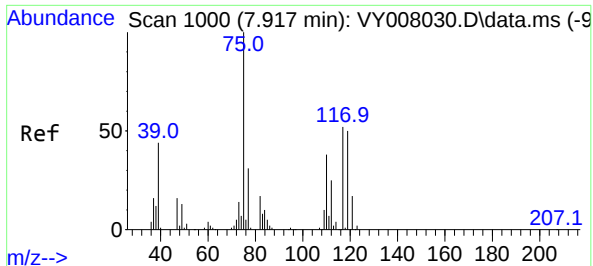
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 18.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.543 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008208.D

Acq: 05 Apr 2022 14:40

Instrument :

MSVOA_Y

ClientSampleId :

A13145RE

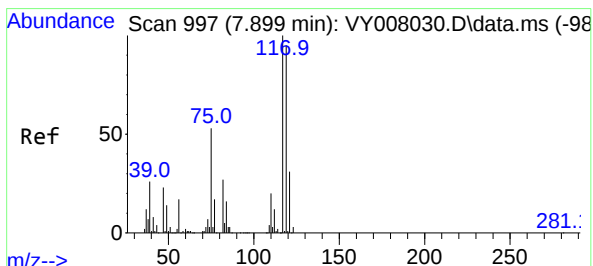
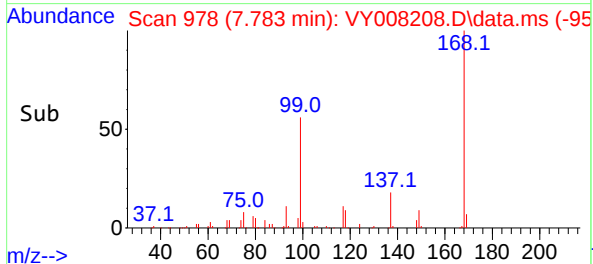
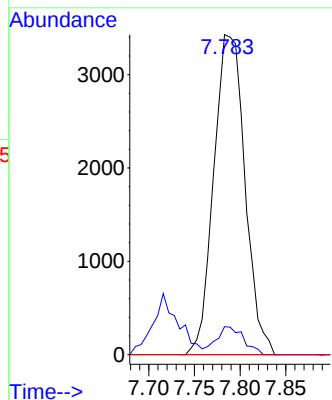
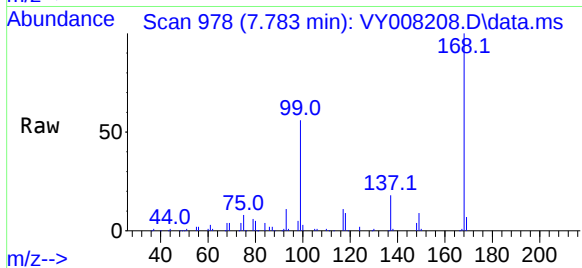
Tgt Ion: 75 Resp: 8140

Ion Ratio Lower Upper

75 100

110 7.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.377 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008208.D

Acq: 05 Apr 2022 14:40

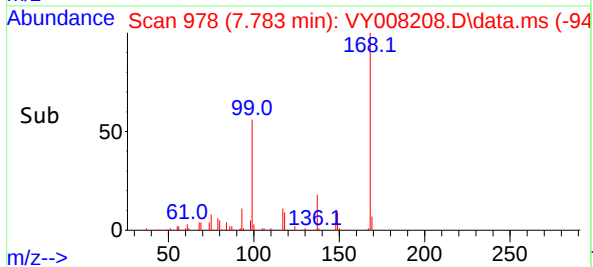
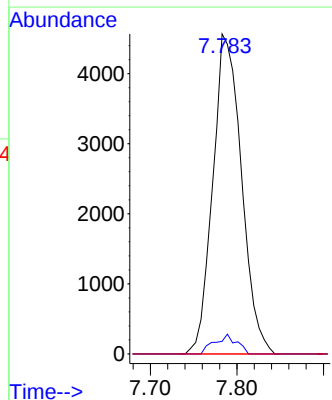
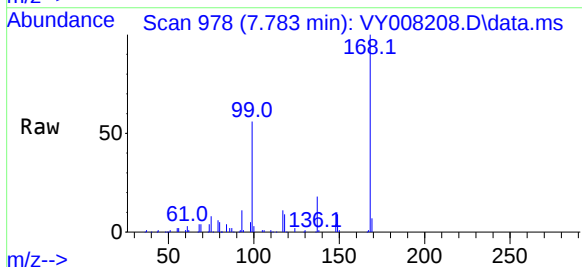
Tgt Ion: 117 Resp: 10499

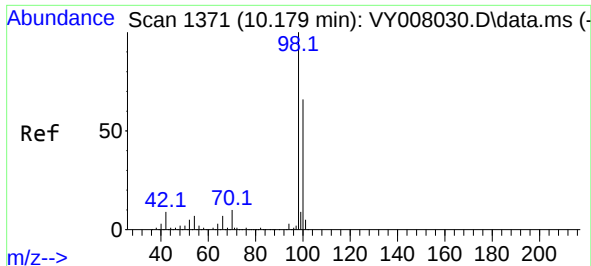
Ion Ratio Lower Upper

117 100

119 4.0 77.9 116.9#

121 0.0 24.8 37.2#

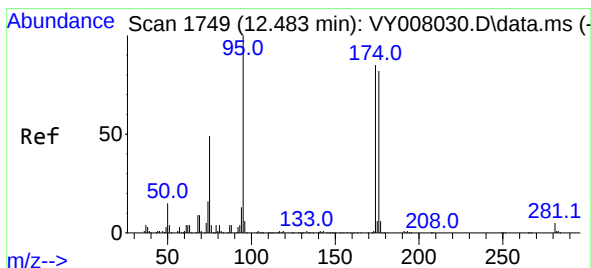
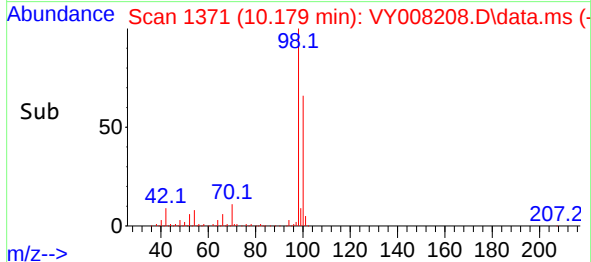
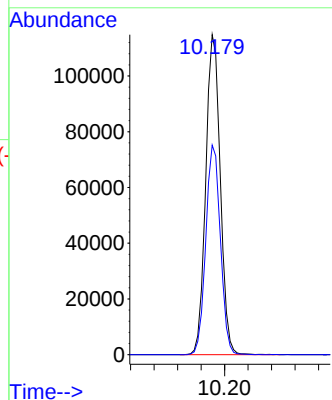
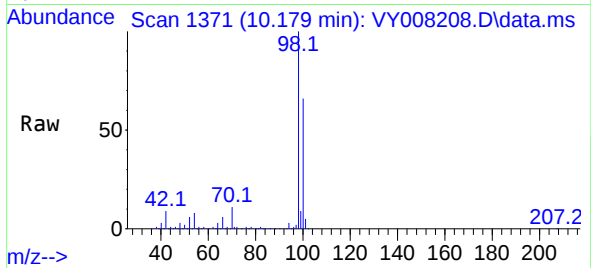




#50
Toluene-d8
Concen: 45.978 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

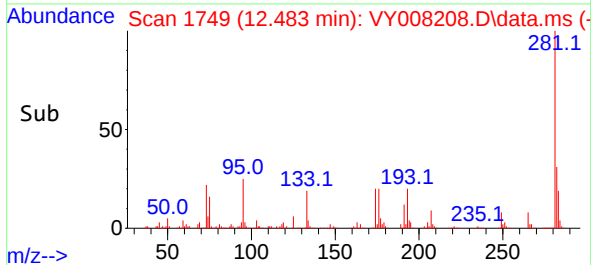
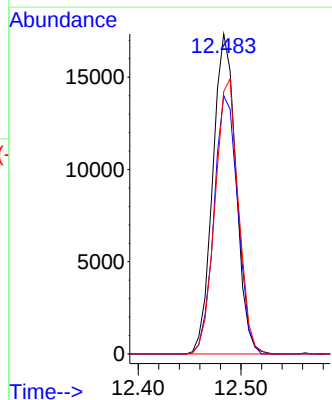
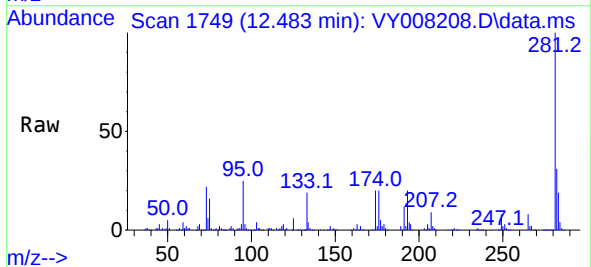
Instrument :
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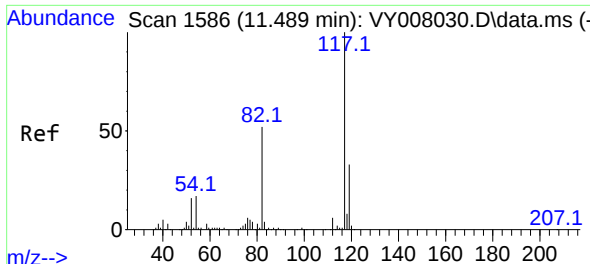
Tgt Ion: 98 Resp: 197574
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 17.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

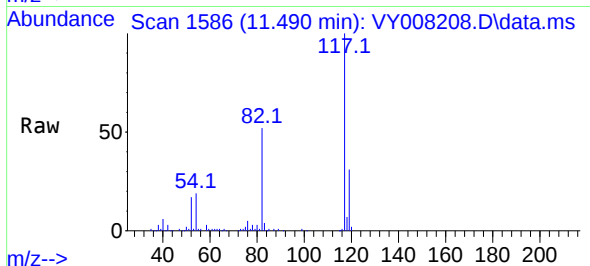
Tgt Ion: 95 Resp: 27158
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 86.2 0.0 175.8



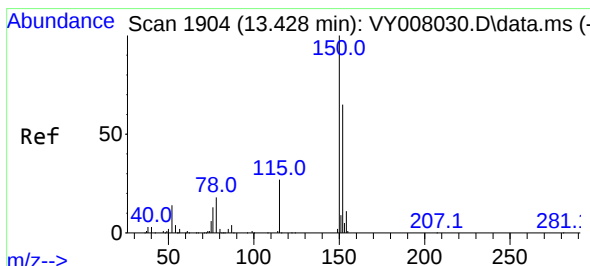
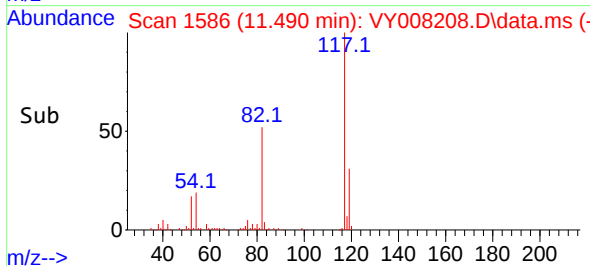
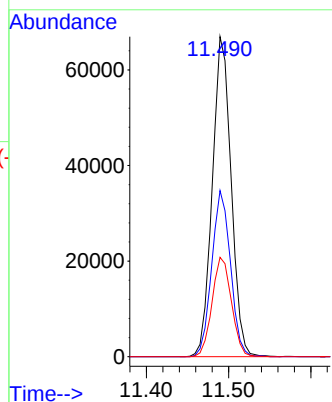


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

Instrument :
MSVOA_Y
ClientSampleId :
A13145RE

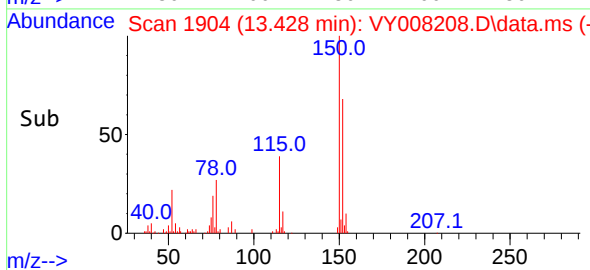
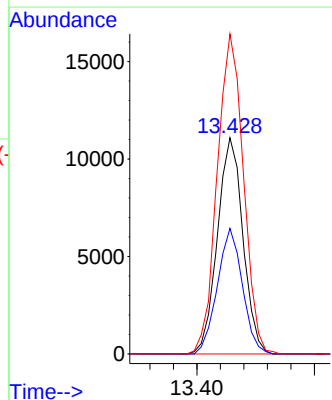
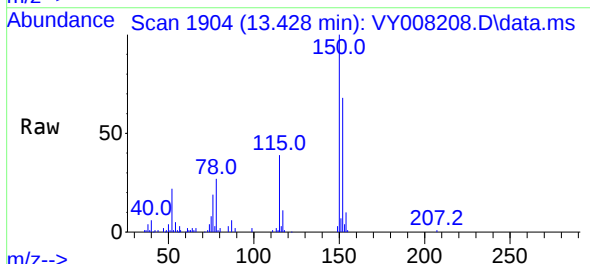


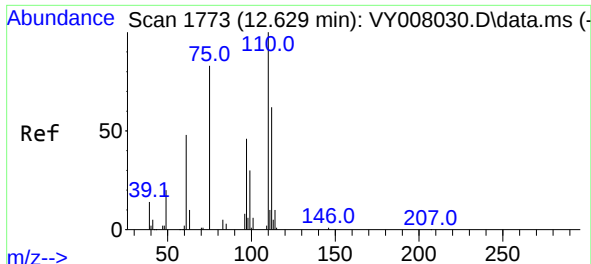
Tgt Ion:117 Resp: 106596
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

Tgt Ion:152 Resp: 16746
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 152.1 0.0 347.6

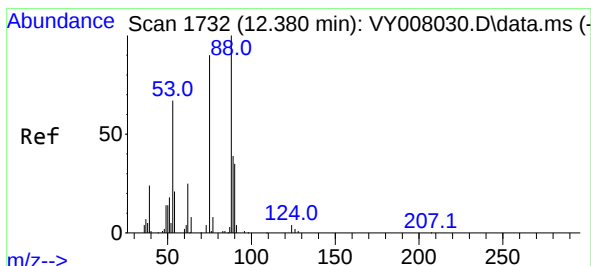
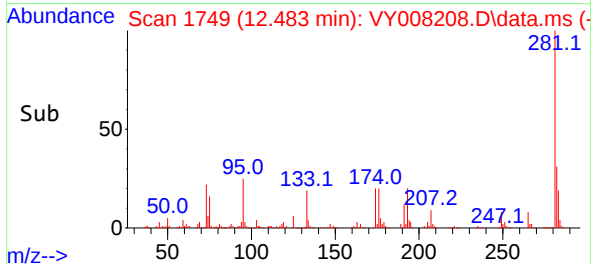
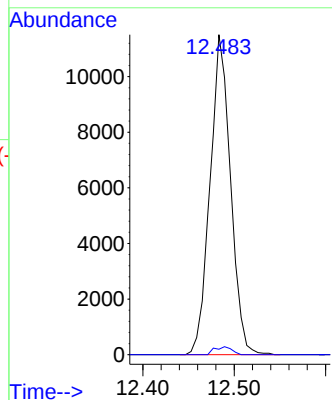
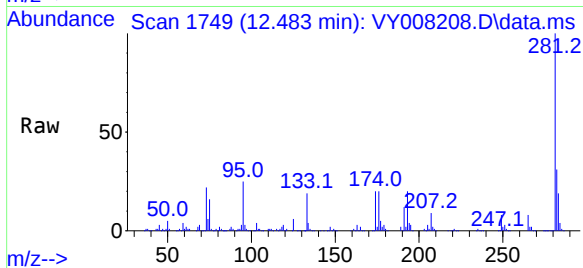




#76
1,2,3-Trichloropropane
Concen: 87.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

Instrument :
MSVOA_Y
ClientSampleId :
A13145RE

Tgt Ion: 75 Resp: 17935
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 196.027 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008208.D
Acq: 05 Apr 2022 14:40

Tgt Ion: 75 Resp: 17935
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 8.5 37.0 55.4#

