

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008168.D
 Acq On : 01 Apr 2022 18:01
 Operator : SY/MD
 Sample : N2220-11
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A04100

Quant Time: Apr 02 03:58:55 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)

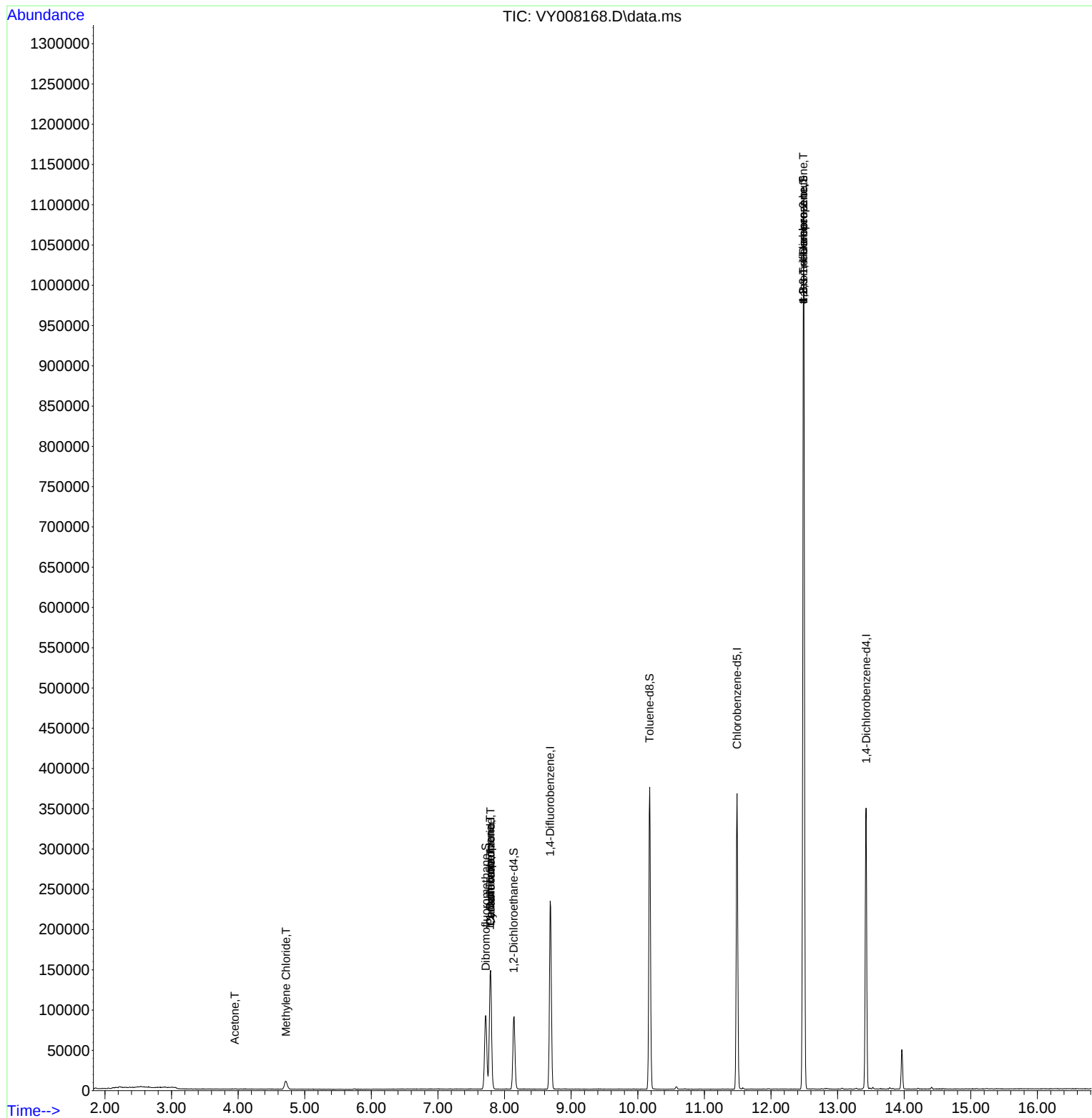
Internal Standards						
1) Pentafluorobenzene	7.789	168	117221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	68927	58.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.220%
35) Dibromofluoromethane	7.716	113	66501	50.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.320%
50) Toluene-d8	10.179	98	255228	51.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.483	95	93452	53.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.100%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	515	1.916	ug/l #	47
18) Methyl Acetate	4.466	43	326	Below Cal	#	56
20) Methylene Chloride	4.716	84	8112	1.356	ug/l #	76
31) Cyclohexane	7.789	56	2376	1.081	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	9090	4.408	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11942	5.314	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	54177	49.654	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54177	110.785	ug/l #	9

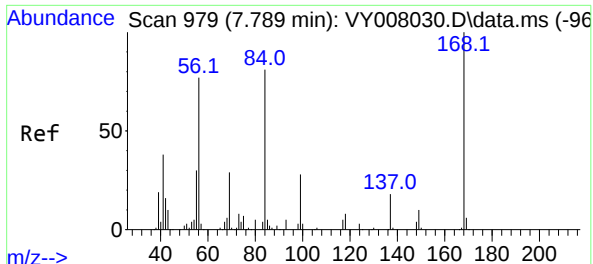
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
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QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

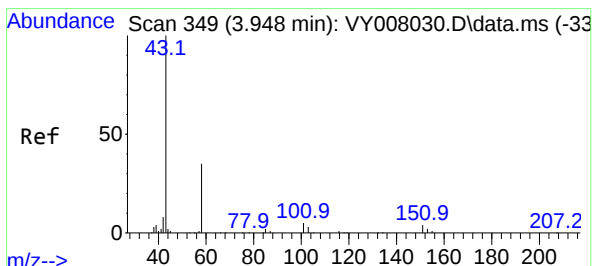
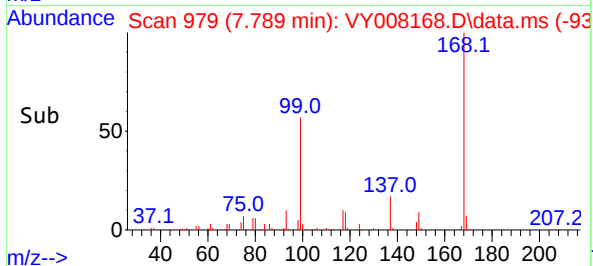
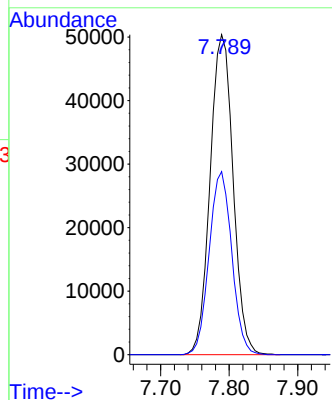
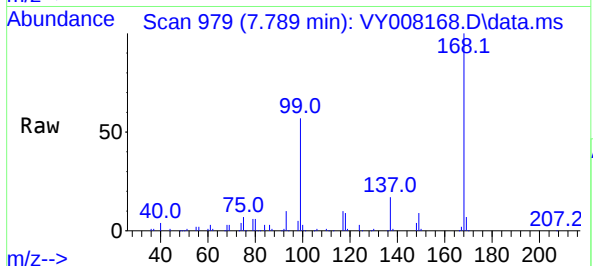




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

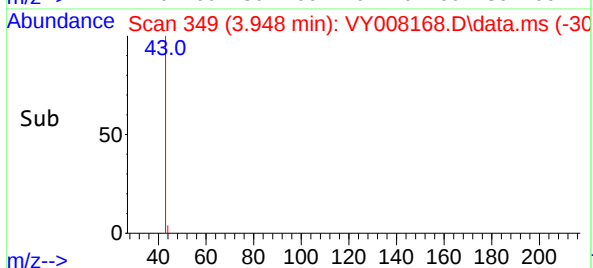
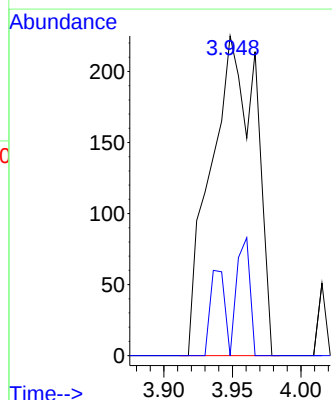
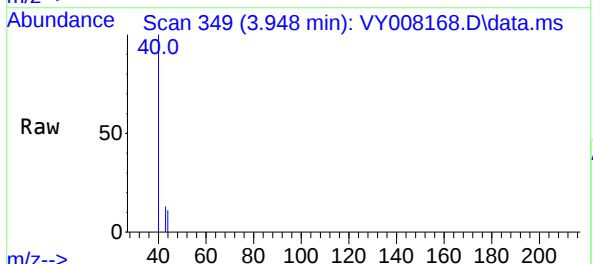
Instrument :
MSVOA_Y
ClientSampleId :
A04100

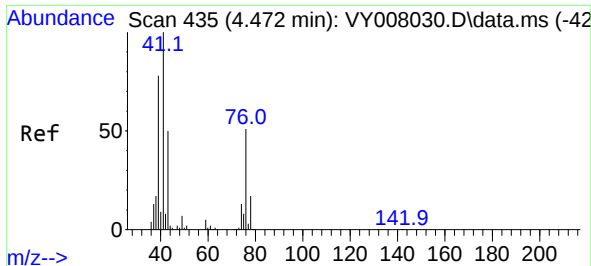
Tgt Ion:168 Resp: 117221
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#16
Acetone
Concen: 1.916 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

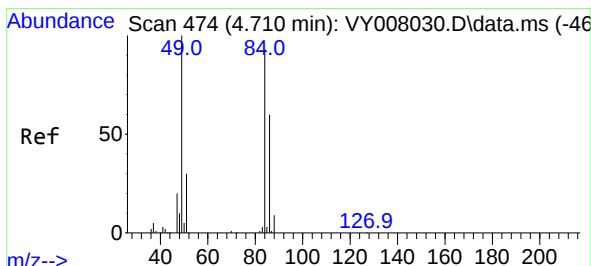
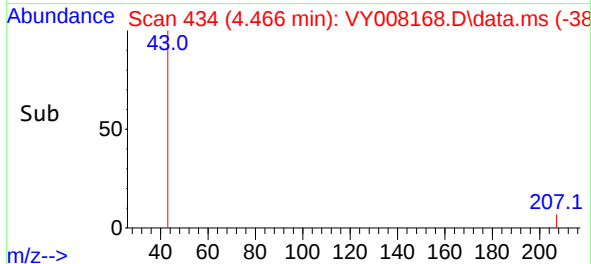
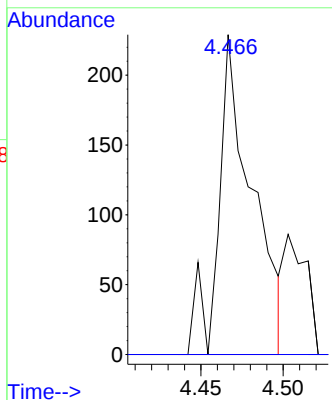
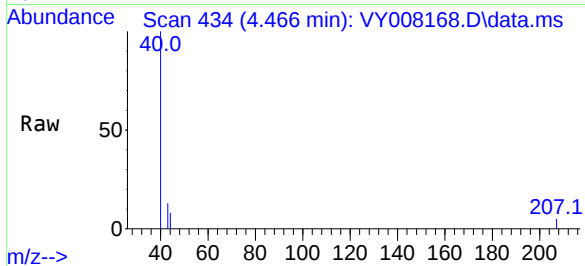




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

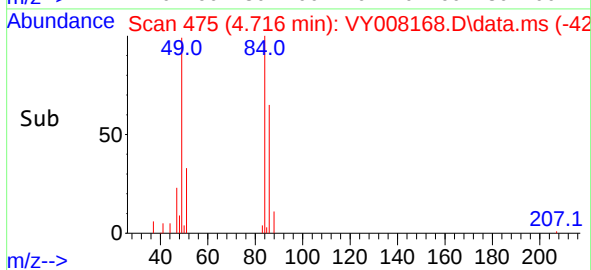
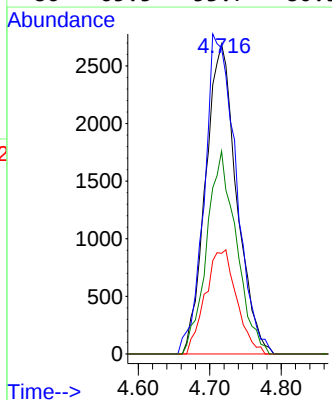
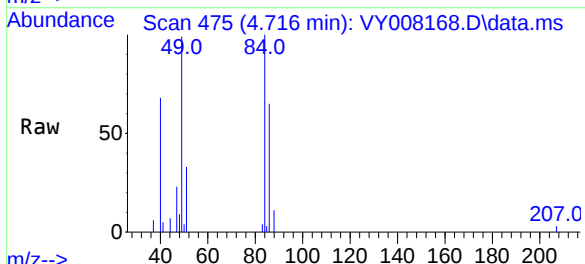
Instrument :
MSVOA_Y
ClientSampleId :
A04100

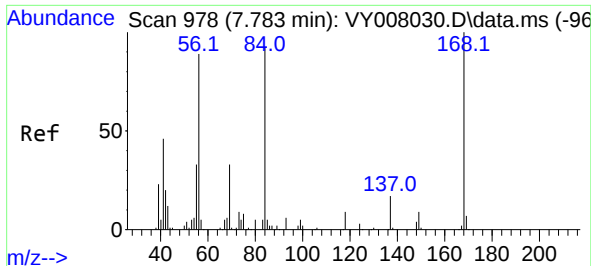
Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.356 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

Tgt Ion: 84 Resp: 8112
Ion Ratio Lower Upper
84 100
49 98.8 114.4 171.6#
51 32.5 35.3 52.9#
86 65.5 53.7 80.5

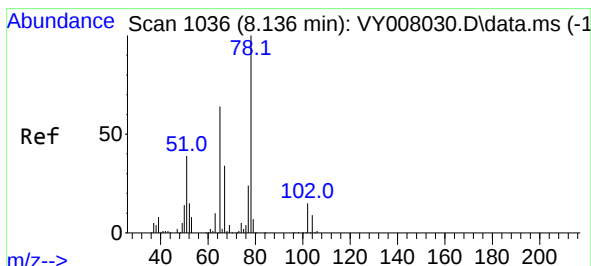
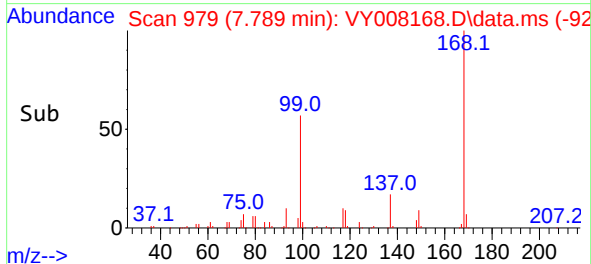
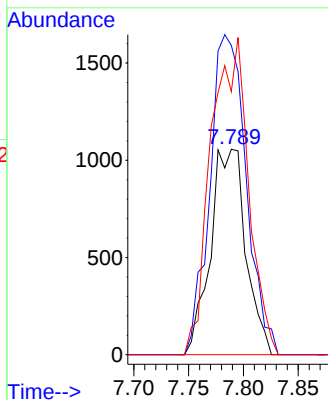
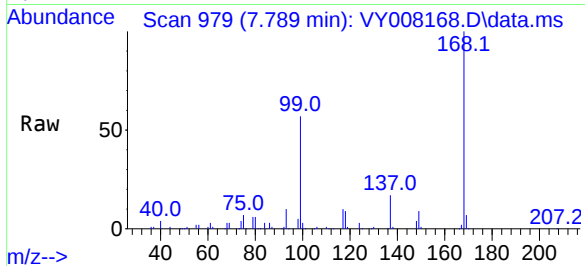




#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

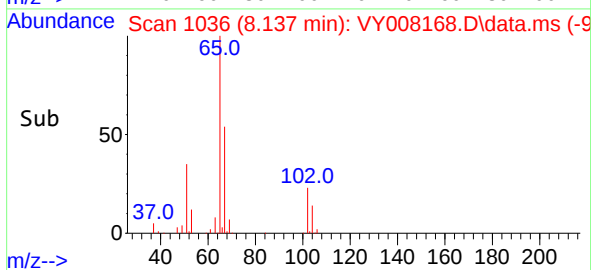
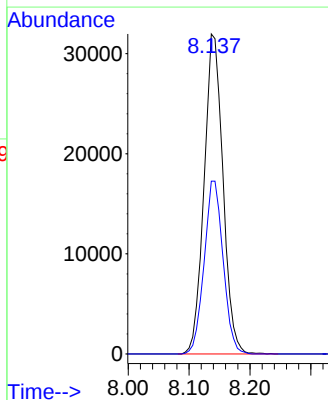
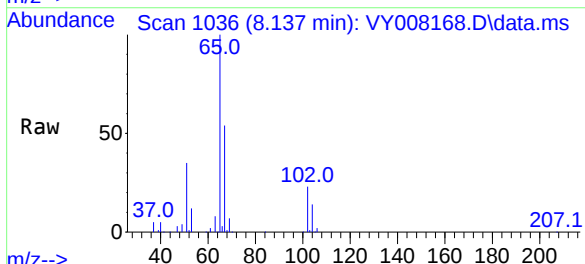
Instrument :
MSVOA_Y
ClientSampleId :
A04100

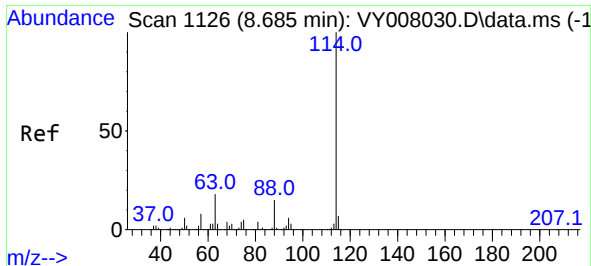
Tgt Ion: 56 Resp: 2376
Ion Ratio Lower Upper
56 100
69 150.5 26.7 40.1#
84 128.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.608 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

Tgt Ion: 65 Resp: 68927
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008168.D

Acq: 01 Apr 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

A04100

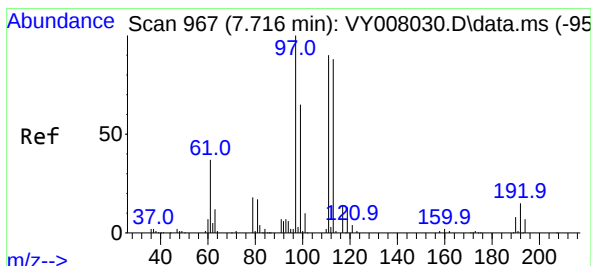
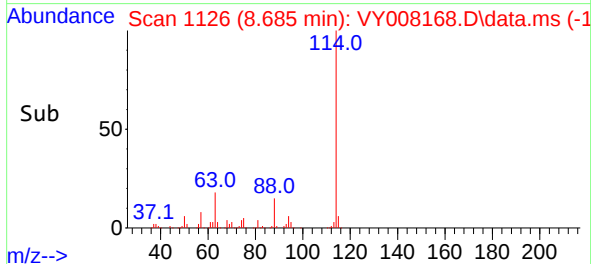
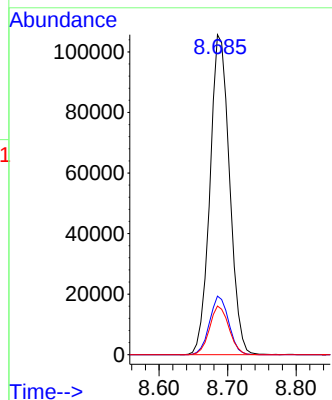
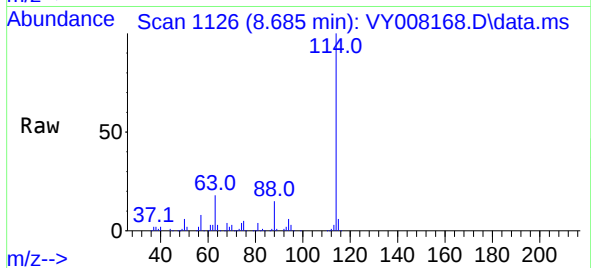
Tgt Ion:114 Resp: 209389

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.655 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008168.D

Acq: 01 Apr 2022 18:01

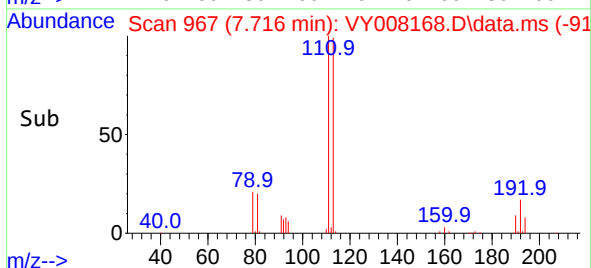
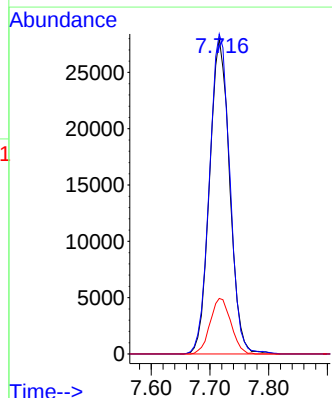
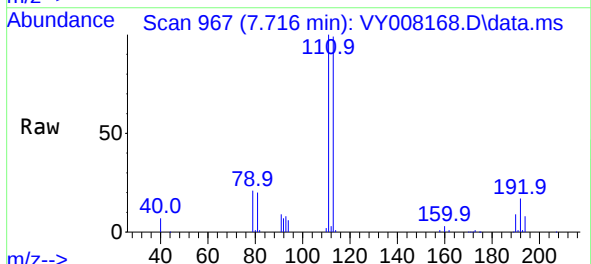
Tgt Ion:113 Resp: 66501

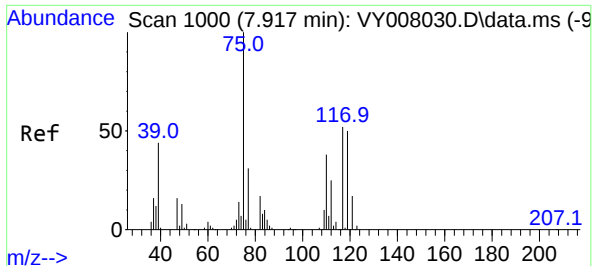
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.408 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008168.D

Acq: 01 Apr 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

A04100

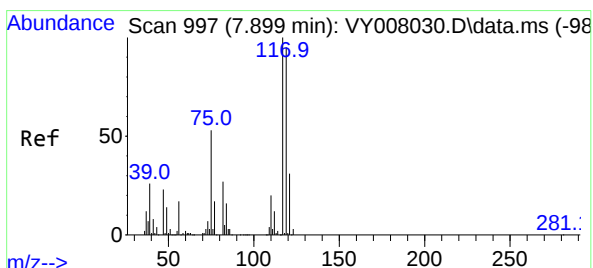
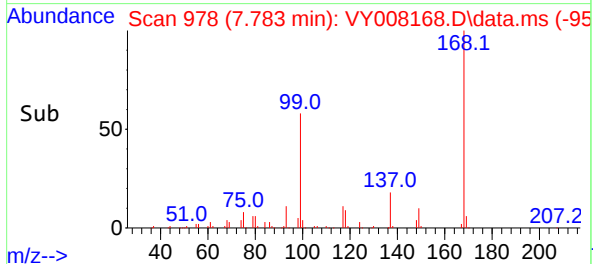
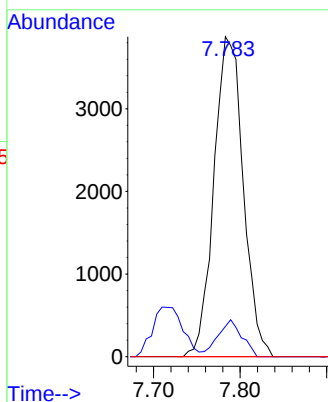
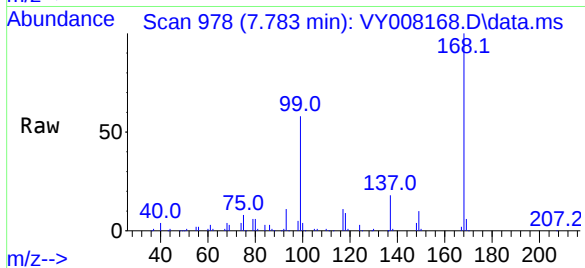
Tgt Ion: 75 Resp: 9090

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.314 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008168.D

Acq: 01 Apr 2022 18:01

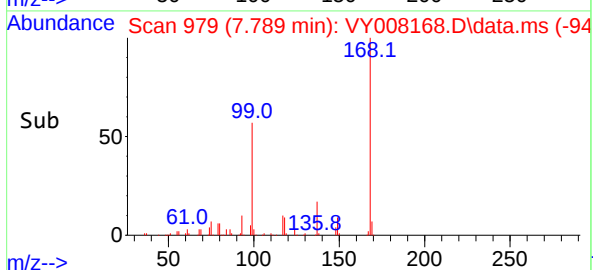
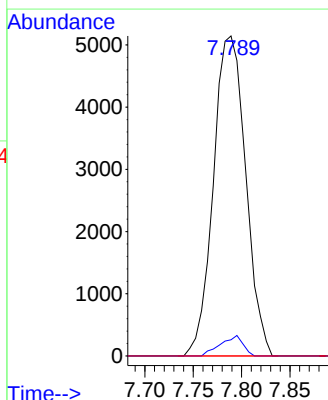
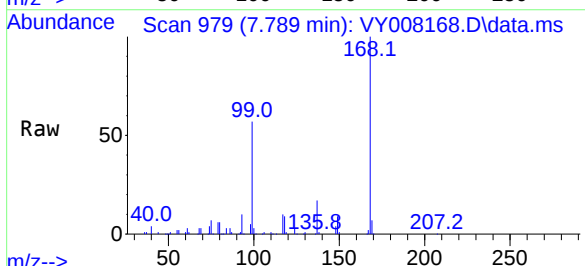
Tgt Ion: 117 Resp: 11942

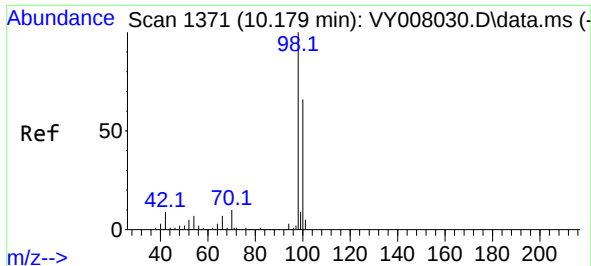
Ion Ratio Lower Upper

117 100

119 5.0 77.9 116.9#

121 0.0 24.8 37.2#

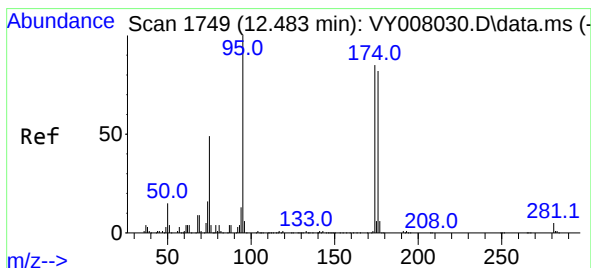
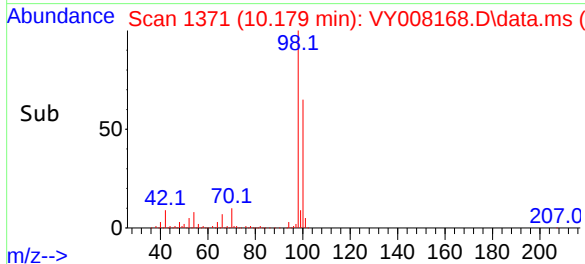
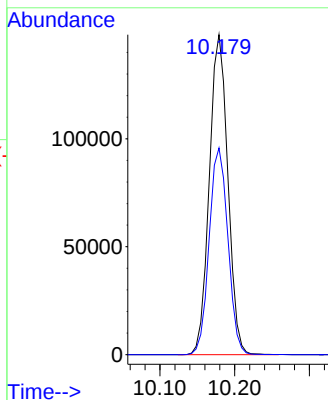
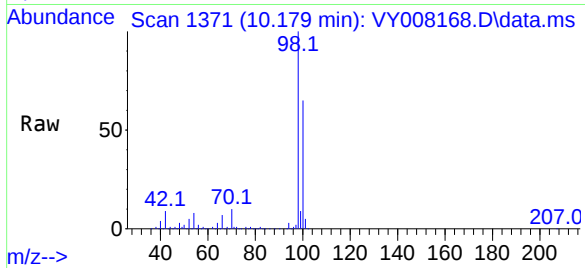




#50
Toluene-d8
Concen: 51.603 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

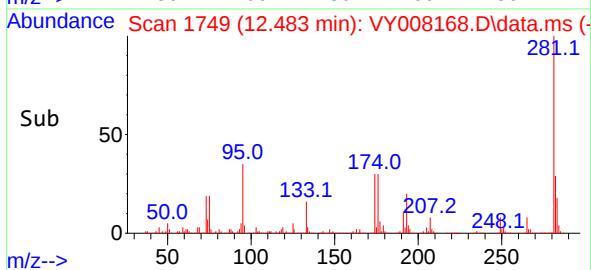
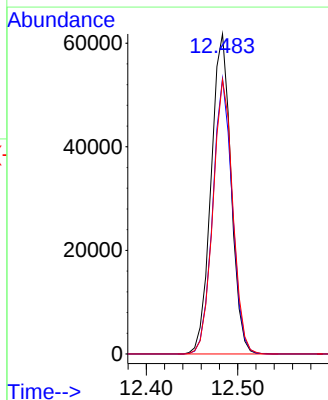
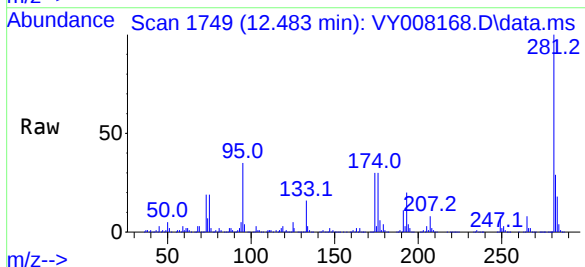
Instrument :
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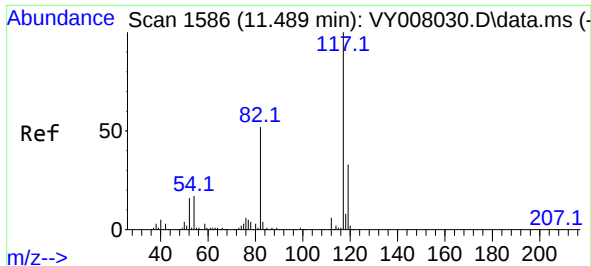
Tgt Ion: 98 Resp: 255228
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

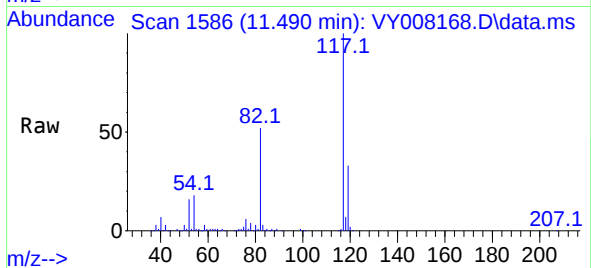
Tgt Ion: 95 Resp: 93452
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 85.3 0.0 175.8



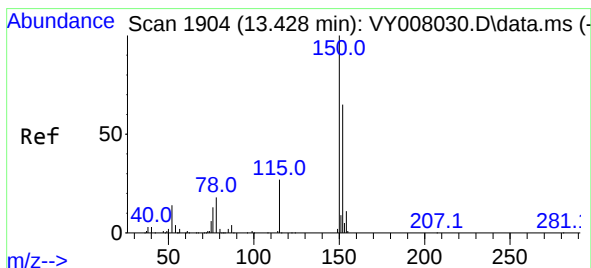
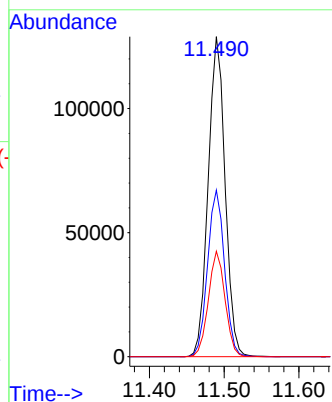
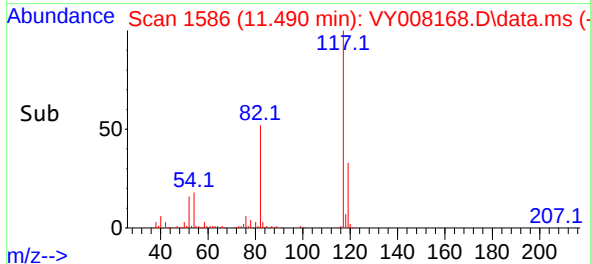


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

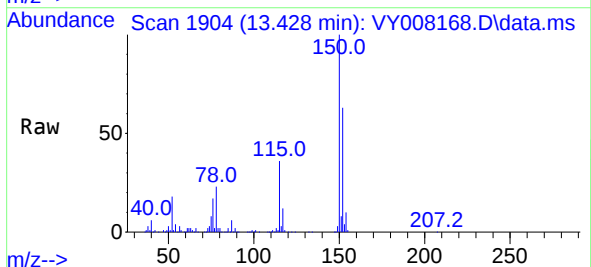
Instrument :
MSVOA_Y
ClientSampleId :
A04100



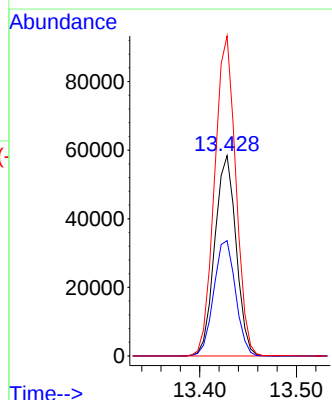
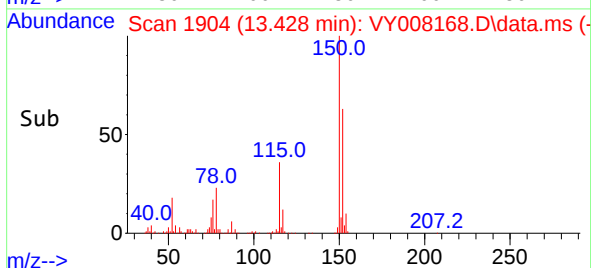
Tgt Ion:117 Resp: 202433
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.9 25.4 38.0

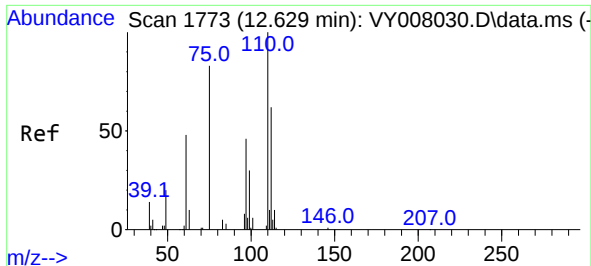


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01



Tgt Ion:152 Resp: 89507
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 159.0 0.0 347.6

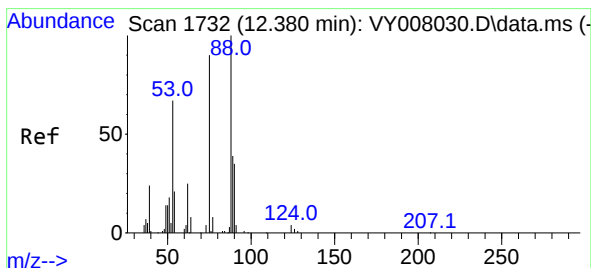
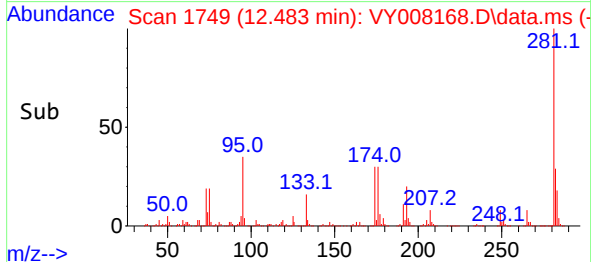
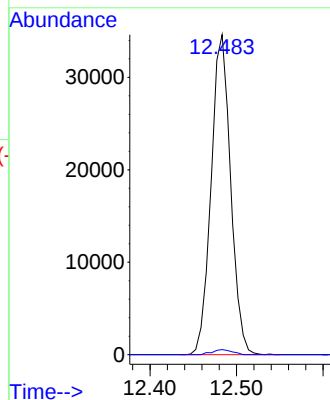
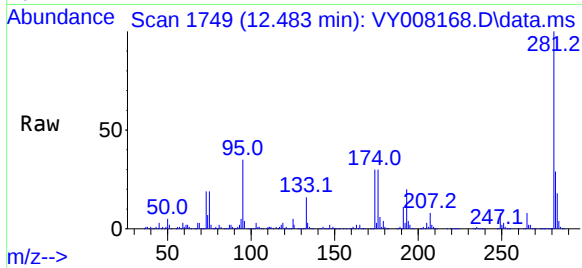




#76
1,2,3-Trichloropropane
Concen: 49.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

Instrument :
MSVOA_Y
ClientSampleId :
A04100

Tgt Ion: 75 Resp: 54177
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008168.D
Acq: 01 Apr 2022 18:01

Tgt Ion: 75 Resp: 54177
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.6 37.0 55.4#

