

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012022\
 Data File : VY007239.D
 Acq On : 20 Jan 2022 10:52
 Operator : SY/MD
 Sample : VY0120SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBL01

Quant Time: Jan 21 00:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

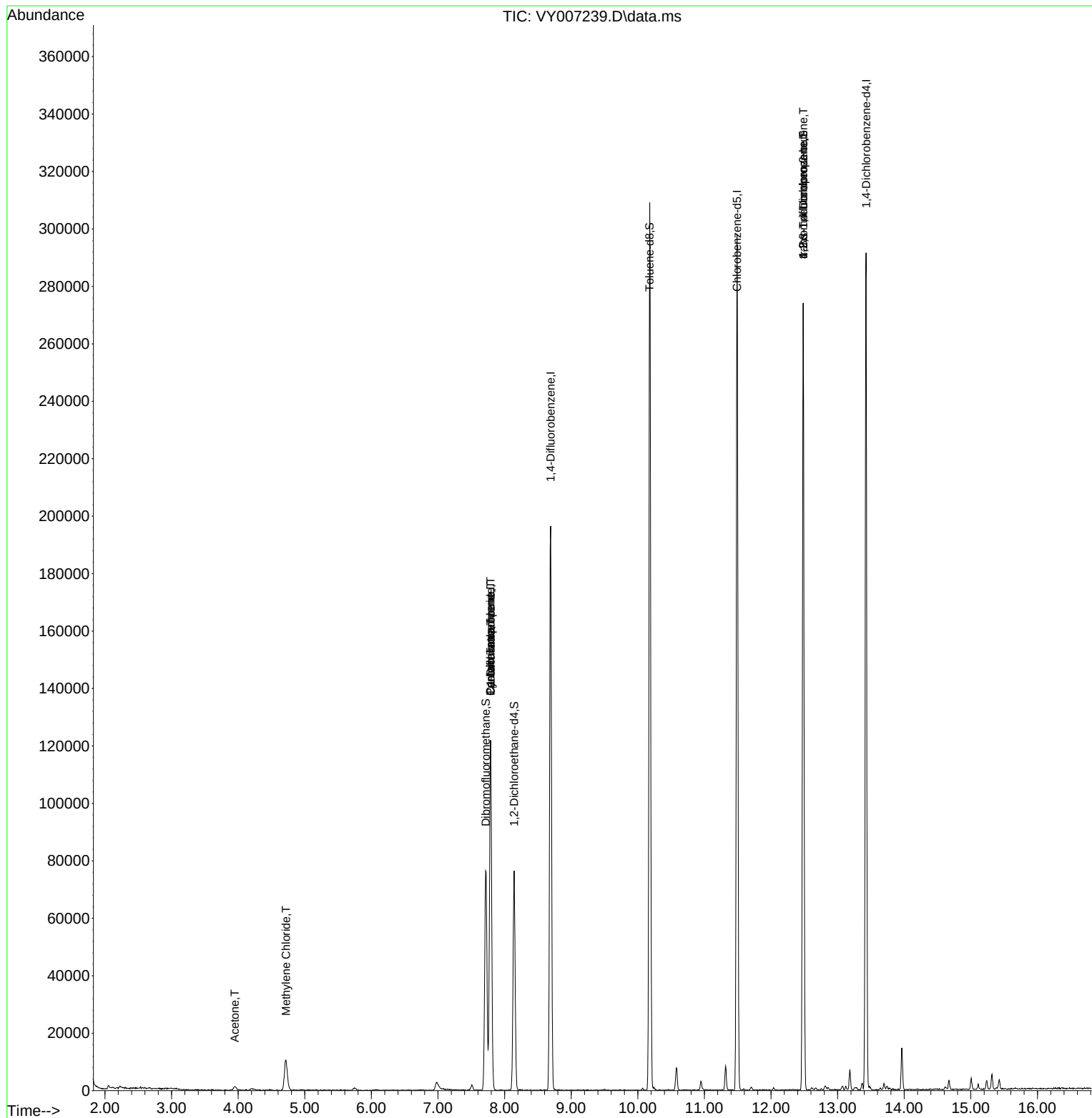
Internal Standards						
1) Pentafluorobenzene	7.789	168	89825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58691	53.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.500%	
35) Dibromofluoromethane	7.716	113	55771	49.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.420%	
50) Toluene-d8	10.179	98	202008	49.281	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.483	95	74415	51.035	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.060%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	162	Below Cal	#	73
16) Acetone	3.948	43	2700	9.439	ug/l #	88
20) Methylene Chloride	4.716	84	8274	6.995	ug/l	94
31) Cyclohexane	7.789	56	2027	1.088	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	7799	4.353	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9783	5.191	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	41037	50.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41037	93.072	ug/l #	3

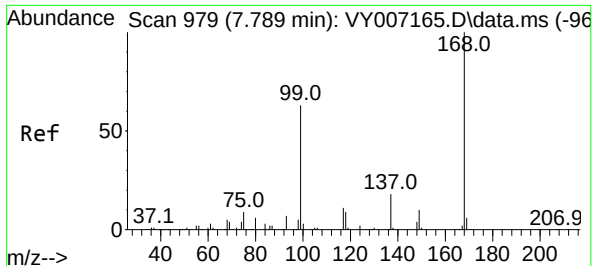
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012022\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

Quant Time: Jan 21 00:45:37 2022
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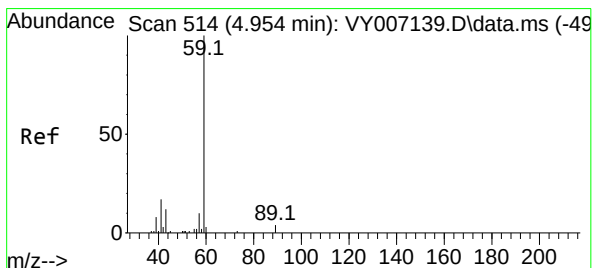
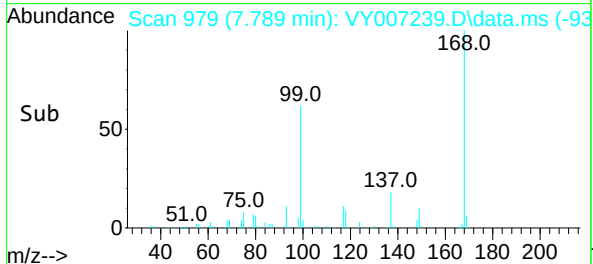
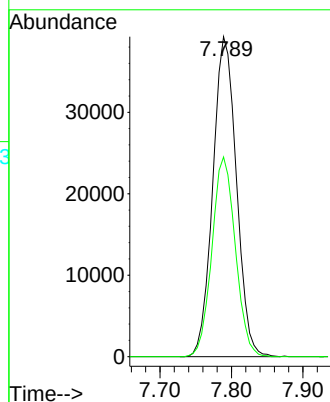
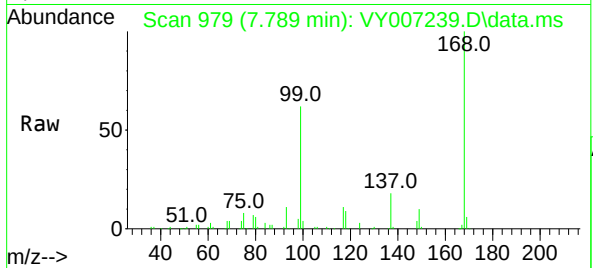




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

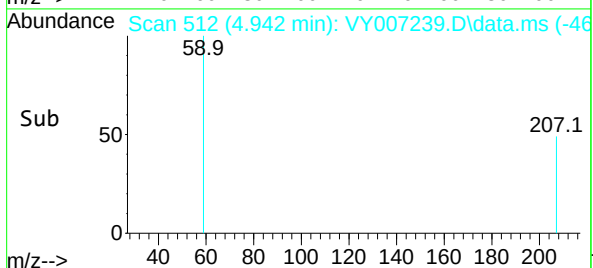
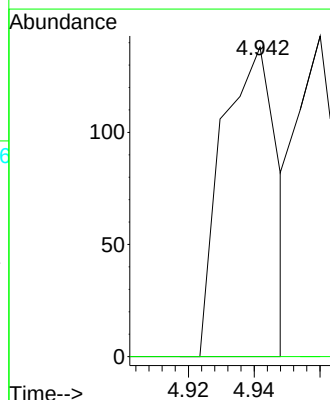
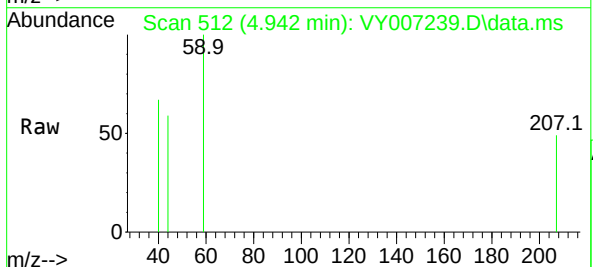
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

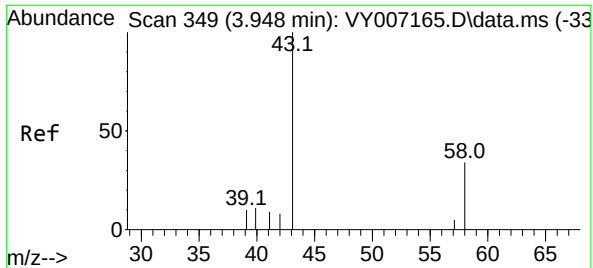
Tgt Ion:168 Resp: 89825
Ion Ratio Lower Upper
168 100
99 62.4 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 9.439 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007239.D

Acq: 20 Jan 2022 10:52

Instrument :

MSVOA_Y

ClientSampleId :

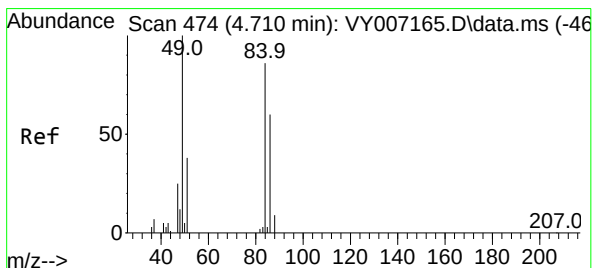
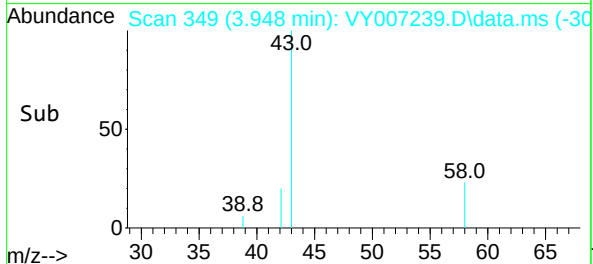
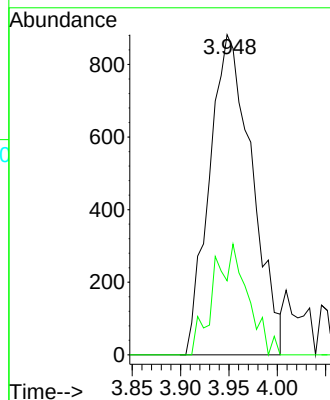
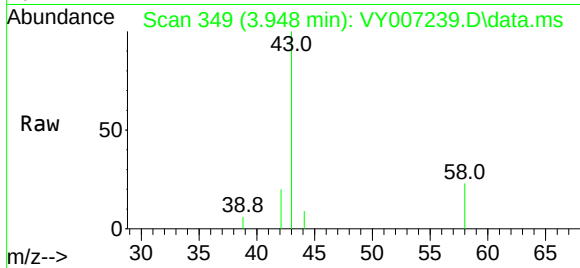
VY0120SBL01

Tgt Ion: 43 Resp: 2700

Ion Ratio Lower Upper

43 100

58 23.1 23.8 35.6#



#20

Methylene Chloride

Concen: 6.995 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY007239.D

Acq: 20 Jan 2022 10:52

Tgt Ion: 84 Resp: 8274

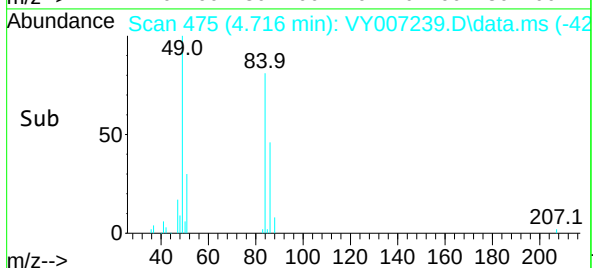
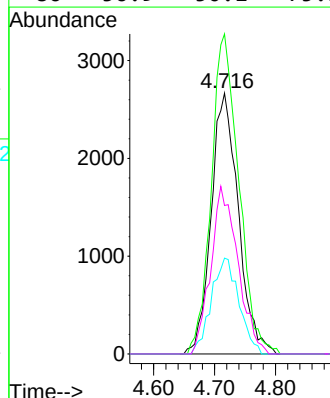
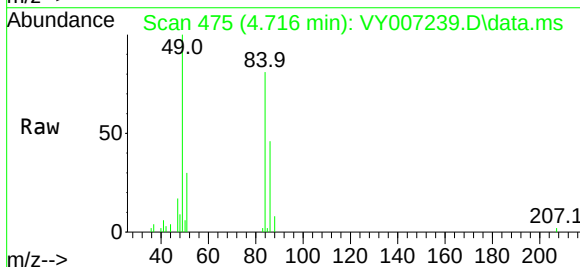
Ion Ratio Lower Upper

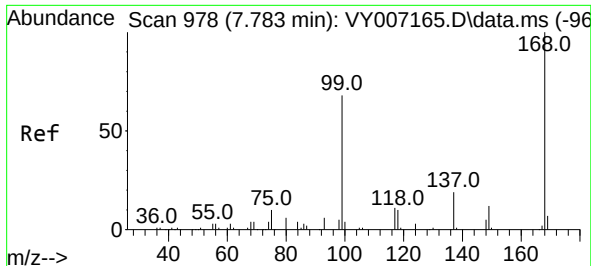
84 100

49 122.7 92.6 139.0

51 36.8 28.6 42.8

86 56.9 50.1 75.1

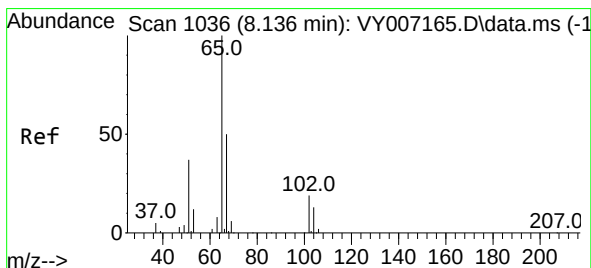
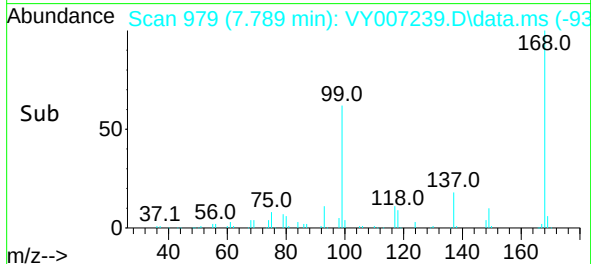
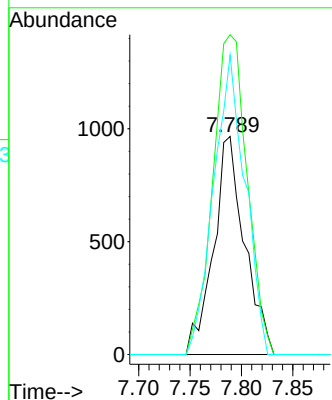
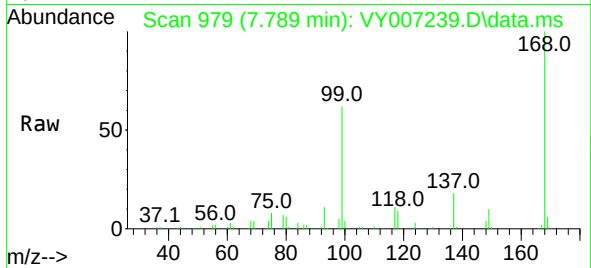




#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

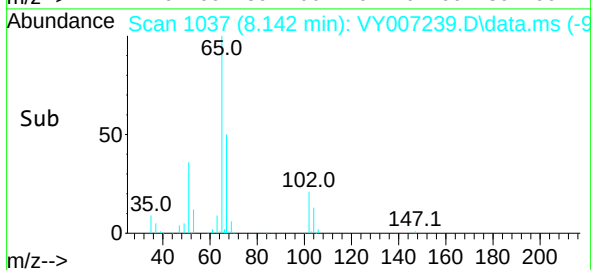
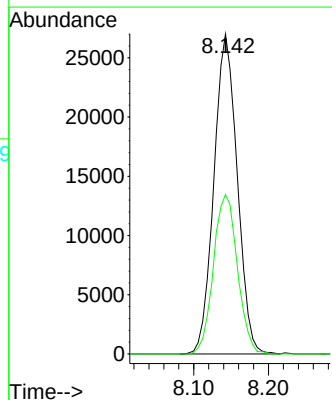
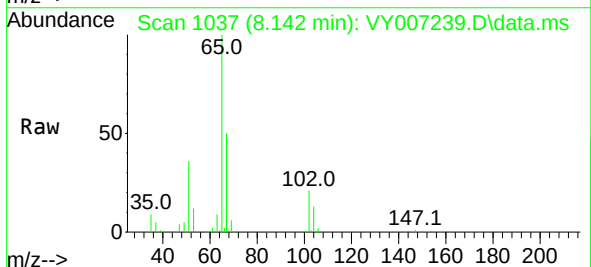
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

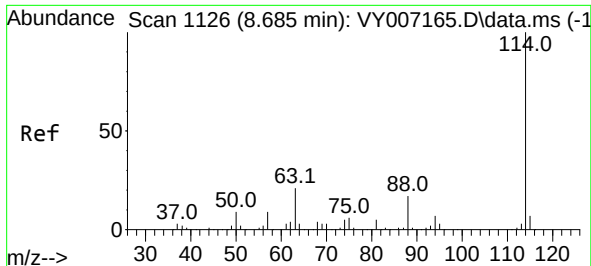
Tgt Ion: 56 Resp: 2027
Ion Ratio Lower Upper
56 100
69 146.7 27.2 40.8#
84 137.4 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 53.251 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

Tgt Ion: 65 Resp: 58691
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.6

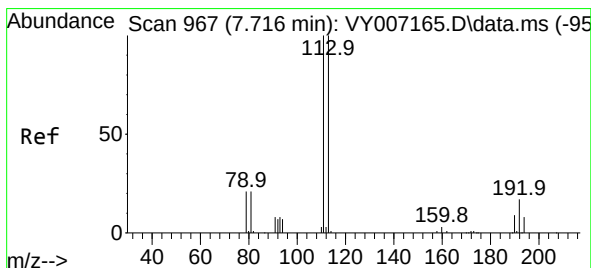
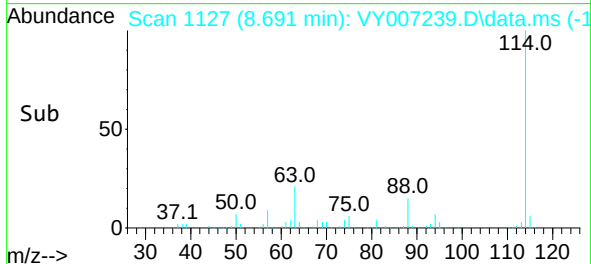
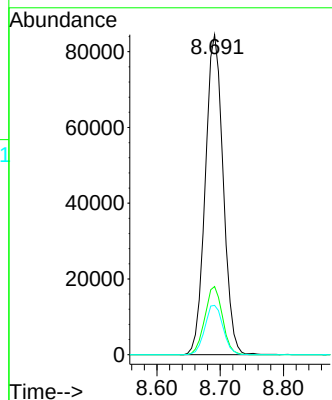
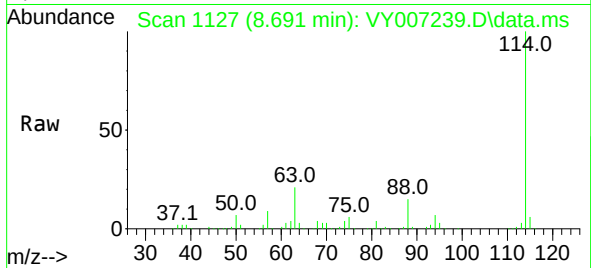




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

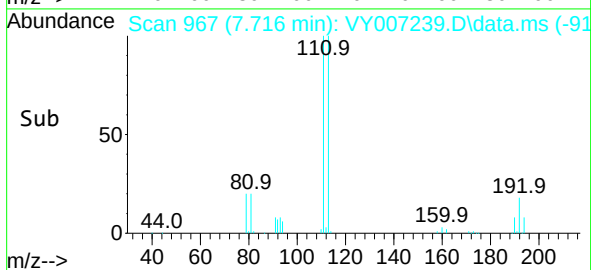
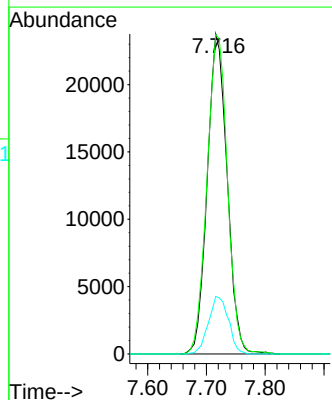
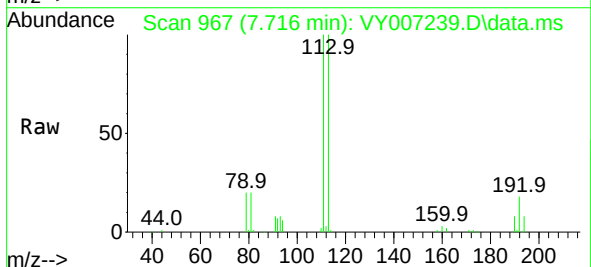
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

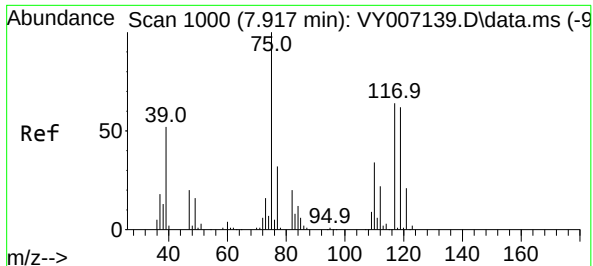
Tgt Ion:114 Resp: 165907
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.2
88 15.4 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.714 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

Tgt Ion:113 Resp: 55771
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 18.1 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.353 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007239.D

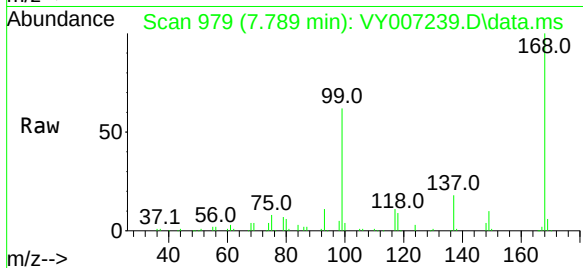
Acq: 20 Jan 2022 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBL01



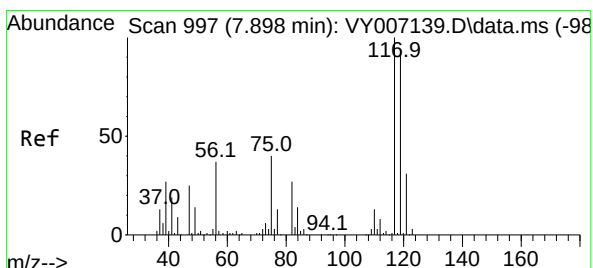
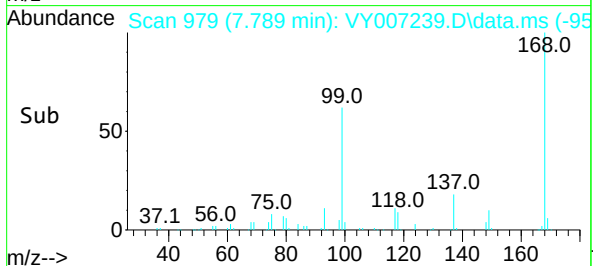
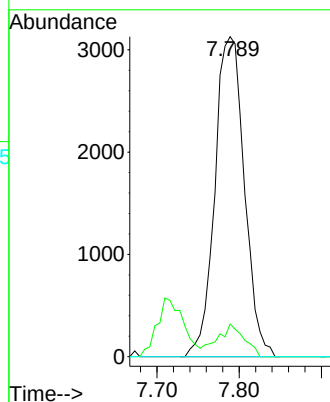
Tgt Ion: 75 Resp: 7799

Ion Ratio Lower Upper

75 100

110 9.3 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.191 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY007239.D

Acq: 20 Jan 2022 10:52

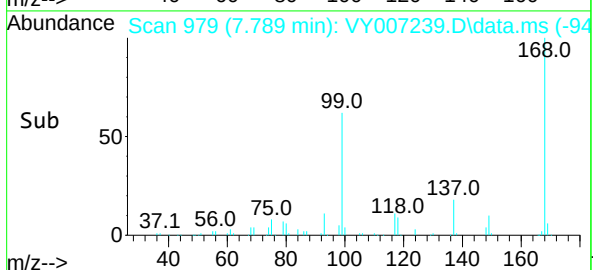
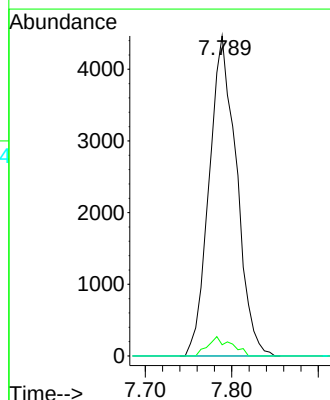
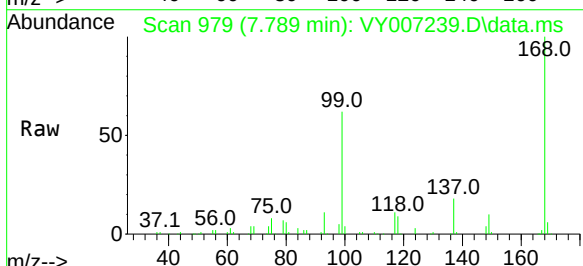
Tgt Ion: 117 Resp: 9783

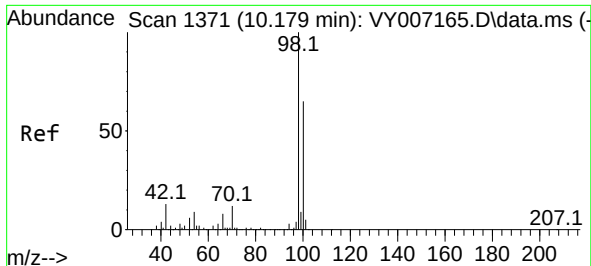
Ion Ratio Lower Upper

117 100

119 3.5 77.2 115.8#

121 0.0 24.2 36.2#

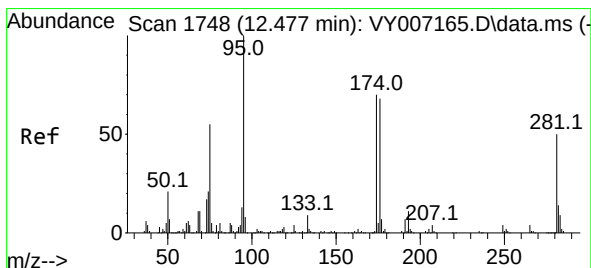
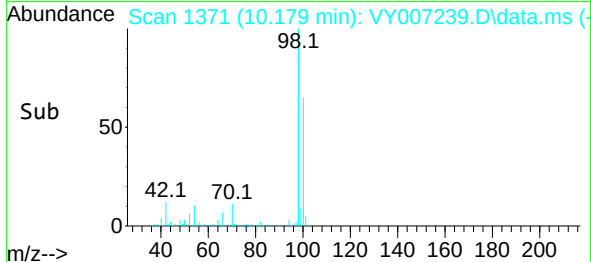
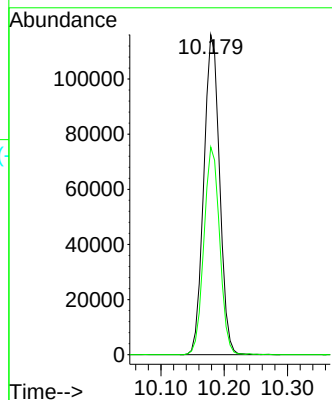
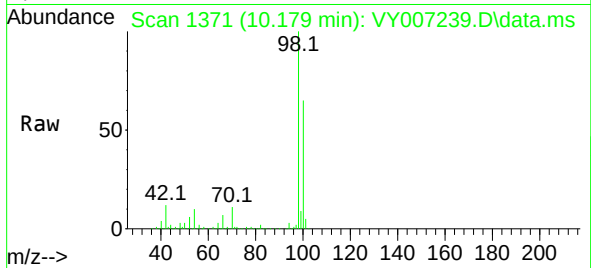




#50
Toluene-d8
Concen: 49.281 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

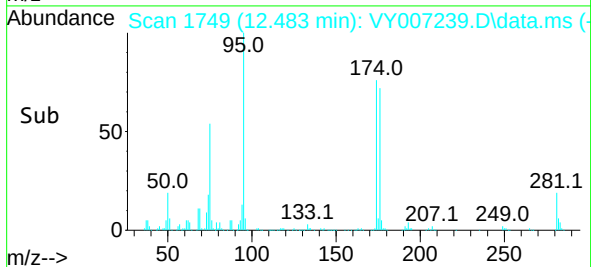
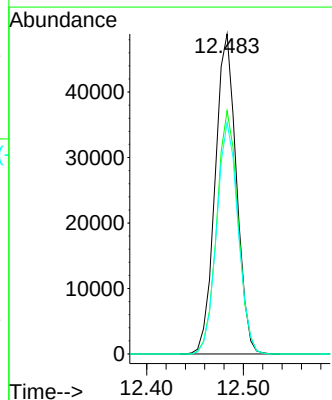
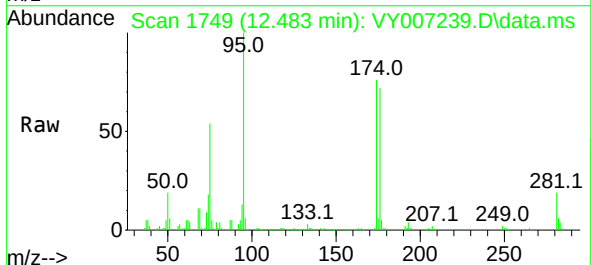
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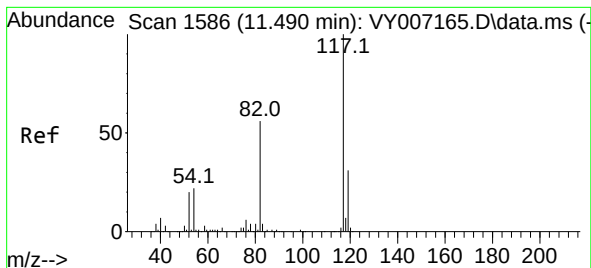
Tgt Ion: 98 Resp: 202008
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.035 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

Tgt Ion: 95 Resp: 74415
Ion Ratio Lower Upper
95 100
174 76.1 0.0 148.4
176 72.9 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007239.D

Acq: 20 Jan 2022 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBL01

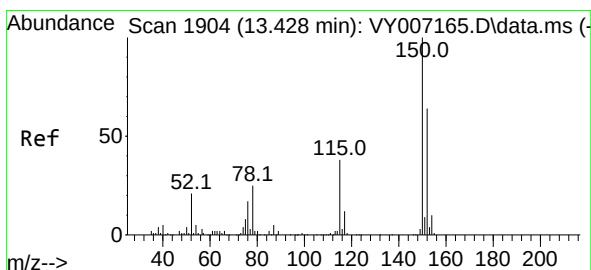
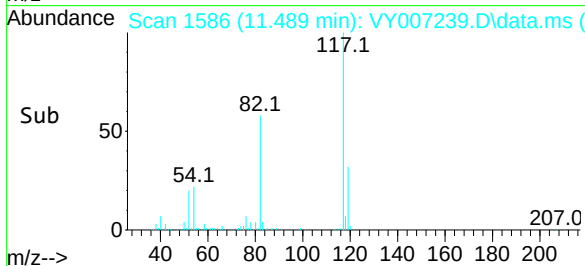
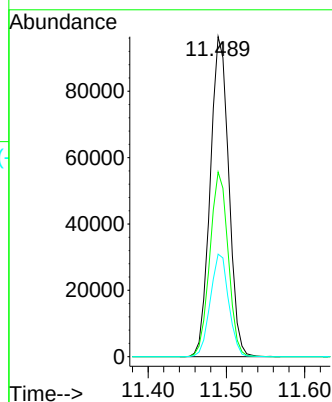
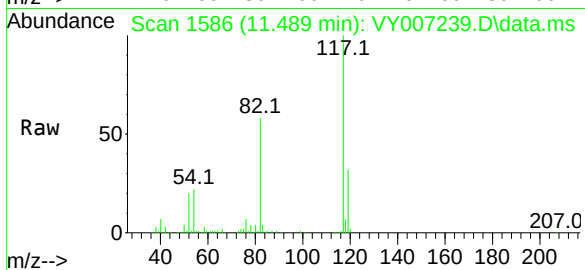
Tgt Ion:117 Resp: 158237

Ion Ratio Lower Upper

117 100

82 57.7 45.4 68.0

119 32.0 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007239.D

Acq: 20 Jan 2022 10:52

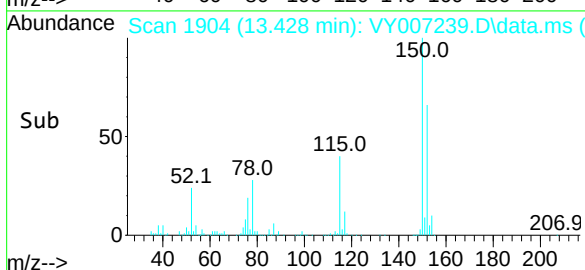
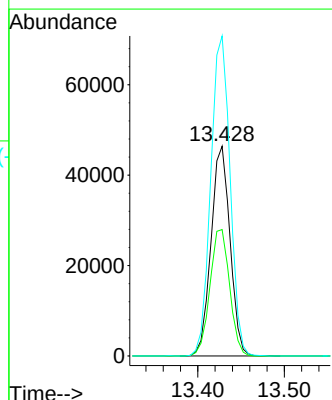
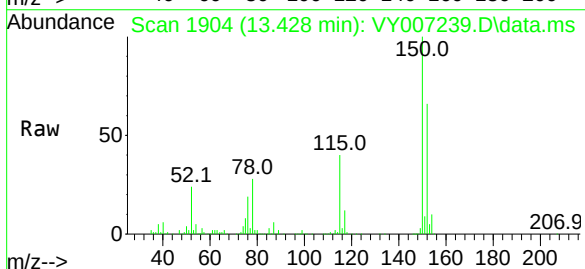
Tgt Ion:152 Resp: 70790

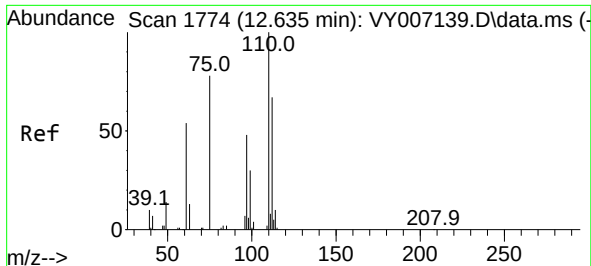
Ion Ratio Lower Upper

152 100

115 62.3 31.4 94.0

150 154.8 0.0 348.4

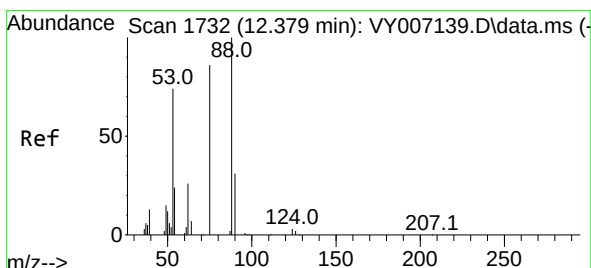
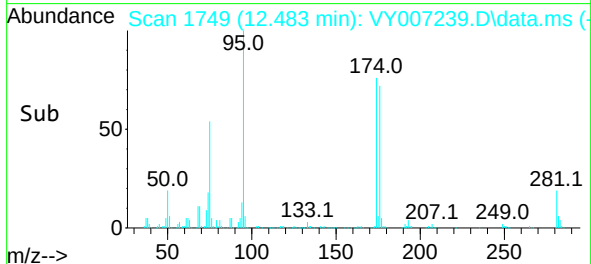
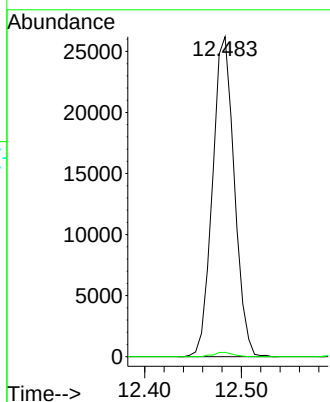
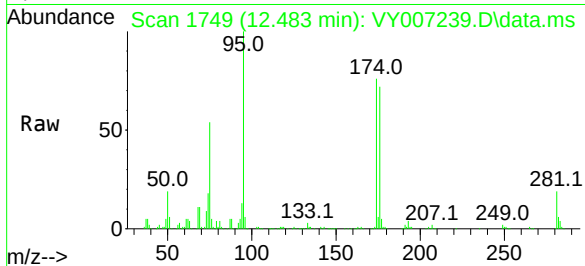




#76
1,2,3-Trichloropropane
Concen: 50.839 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

Tgt Ion: 75 Resp: 41037
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.072 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007239.D
Acq: 20 Jan 2022 10:52

Tgt Ion: 75 Resp: 41037
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.6 0.0 0.0#

