

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
 Data File : VY012202.D
 Acq On : 16 Jan 2023 16:21
 Operator : KP/MD
 Sample : VY0116SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0116SBL01

Quant Time: Jan 17 04:45:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

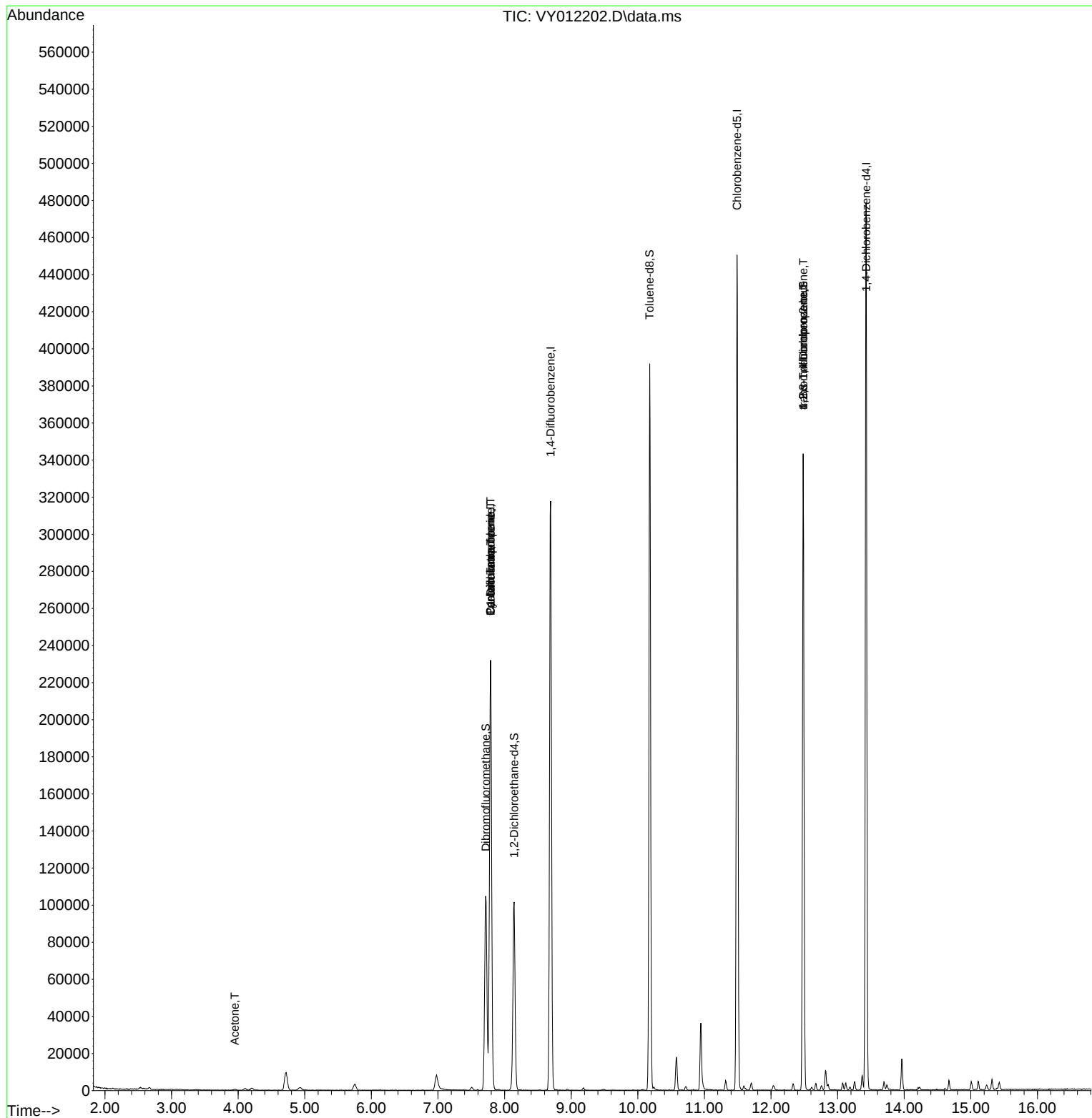
Internal Standards						
1) Pentafluorobenzene	7.789	168	183076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	288761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82811	54.961	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.920%			
35) Dibromofluoromethane	7.716	113	73010	47.750	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.500%			
50) Toluene-d8	10.179	98	259953	48.981	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.960%			
62) 4-Bromofluorobenzene	12.483	95	93504	43.381	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.760%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1689	Below Cal	#	74
16) Acetone	3.948	43	807	1.583	ug/l #	77
20) Methylene Chloride	4.716	84	7973	Below Cal	#	84
31) Cyclohexane	7.789	56	3224	1.208	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12622	4.857	ug/l #	51
38) Carbon Tetrachloride	7.789	117	18184	5.418	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	49286	42.181	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49286	86.912	ug/l #	13

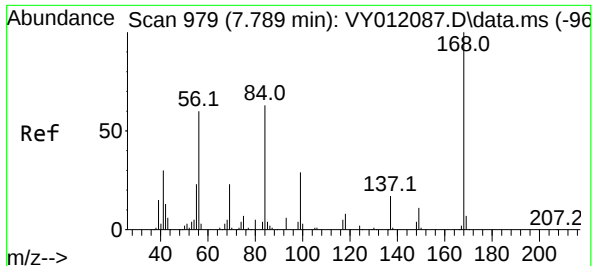
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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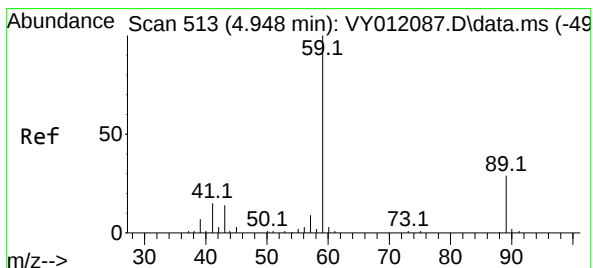
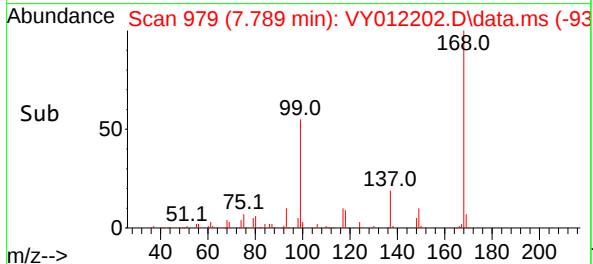
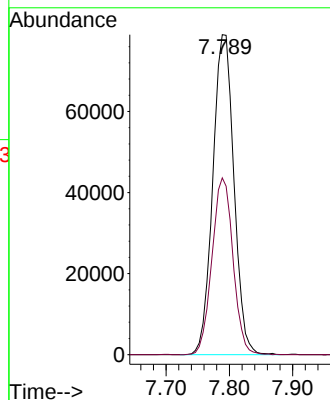
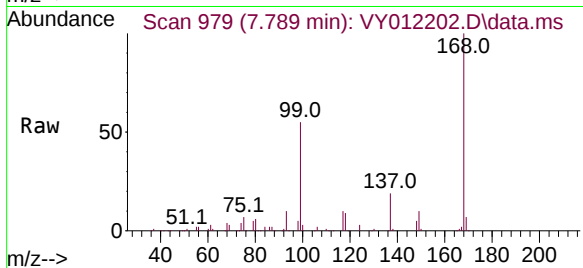




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

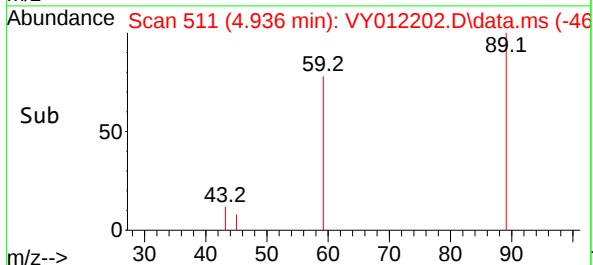
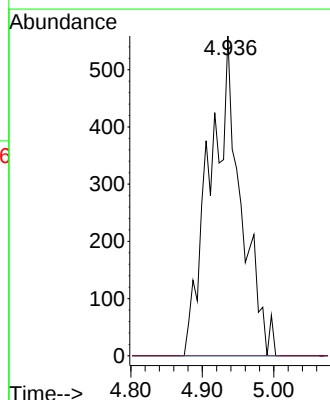
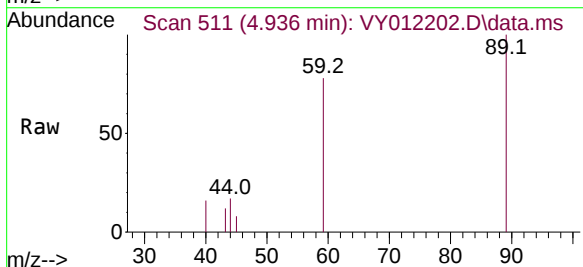
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBL01

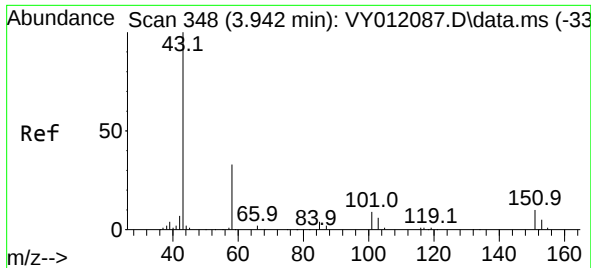
Tgt Ion:168 Resp: 183076
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

Tgt Ion: 59 Resp: 1689
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 1.583 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY012202.D

Acq: 16 Jan 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

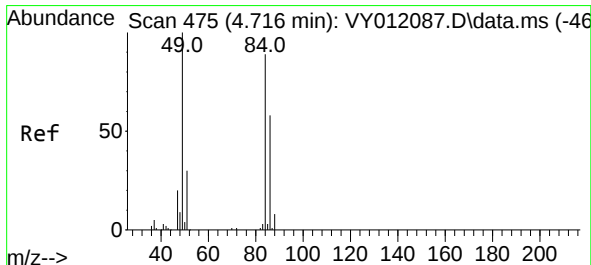
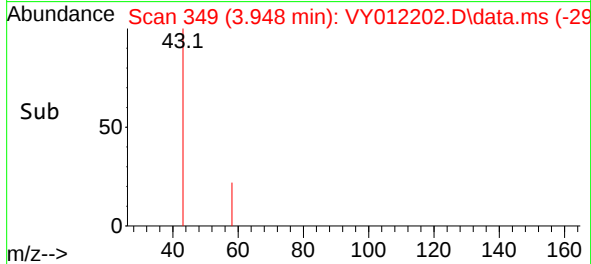
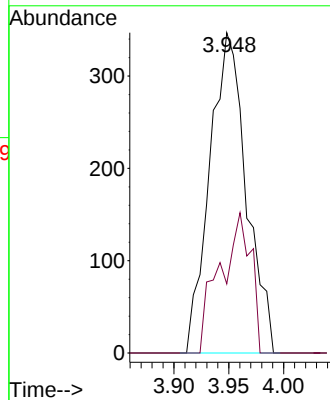
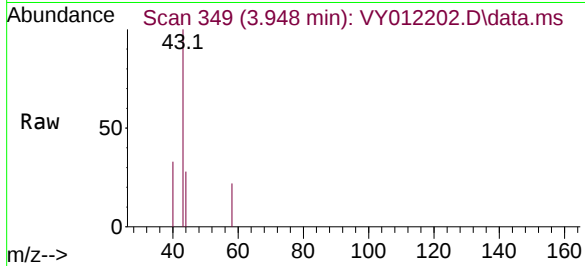
VY0116SBL01

Tgt Ion: 43 Resp: 807

Ion Ratio Lower Upper

43 100

58 21.6 27.9 41.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012202.D

Acq: 16 Jan 2023 16:21

Tgt Ion: 84 Resp: 7973

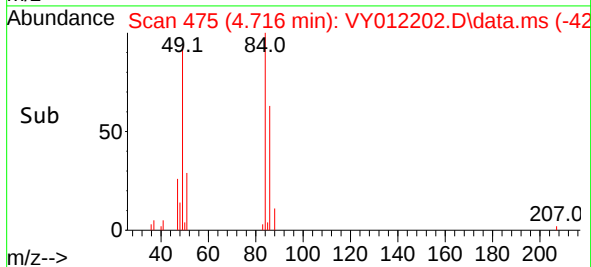
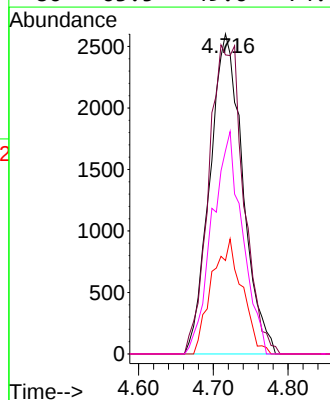
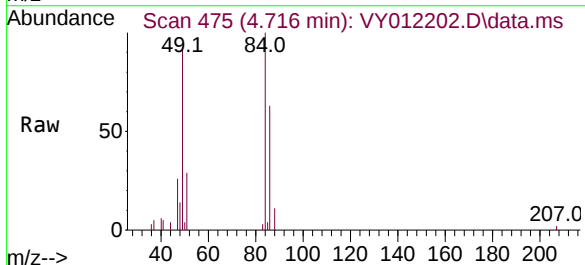
Ion Ratio Lower Upper

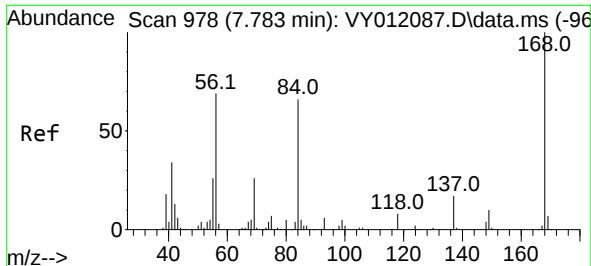
84 100

49 93.4 95.4 143.2#

51 29.2 29.9 44.9#

86 63.5 49.6 74.4

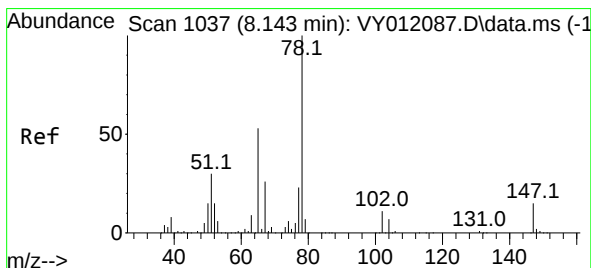
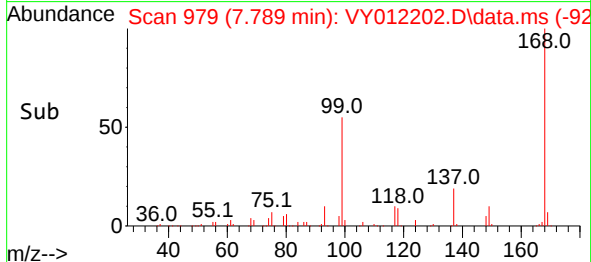
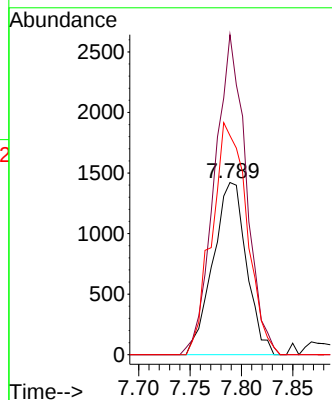
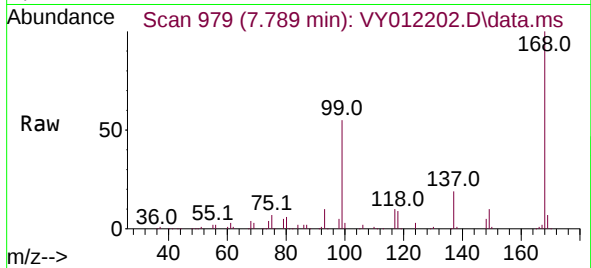




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

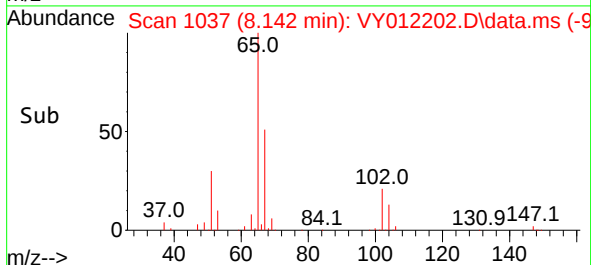
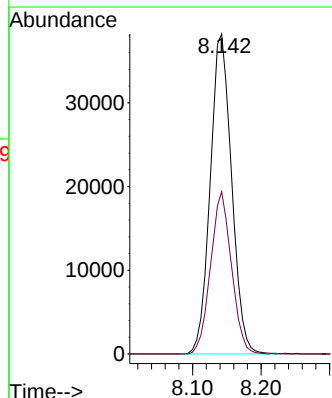
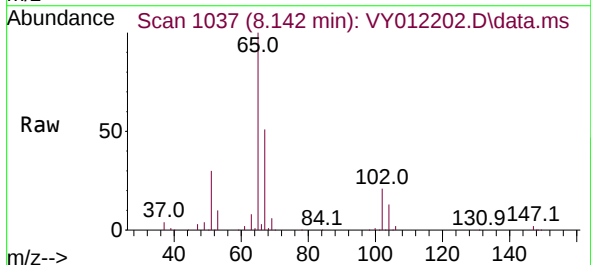
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBL01

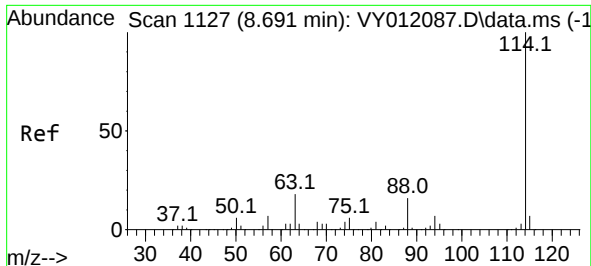
Tgt Ion: 56 Resp: 3224
Ion Ratio Lower Upper
56 100
69 185.8 29.2 43.8#
84 127.2 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 54.961 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

Tgt Ion: 65 Resp: 82811
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012202.D

Acq: 16 Jan 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBL01

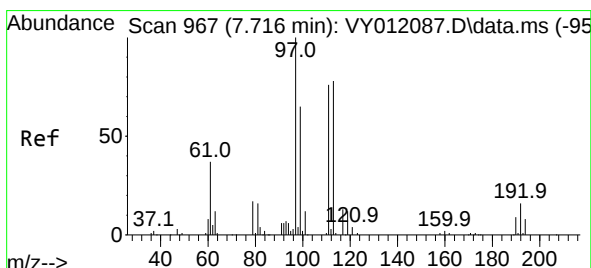
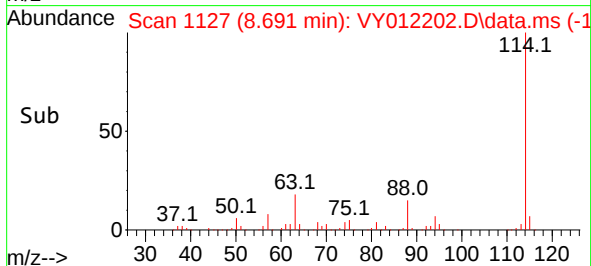
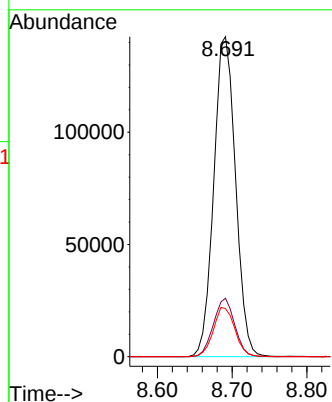
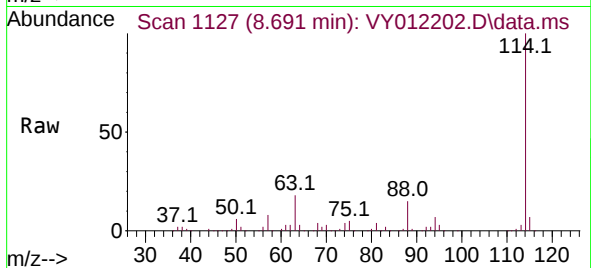
Tgt Ion:114 Resp: 288761

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.750 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012202.D

Acq: 16 Jan 2023 16:21

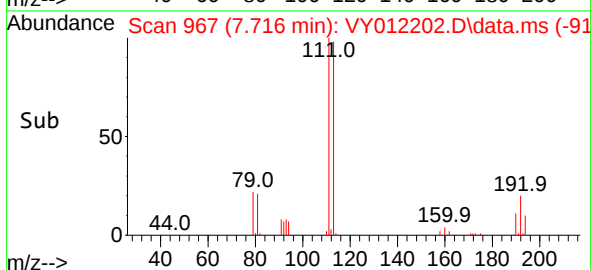
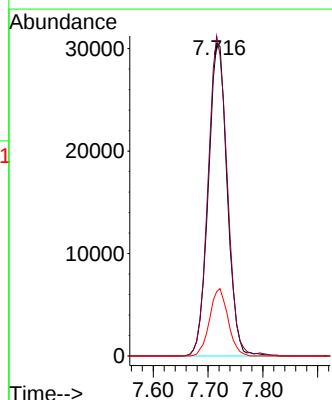
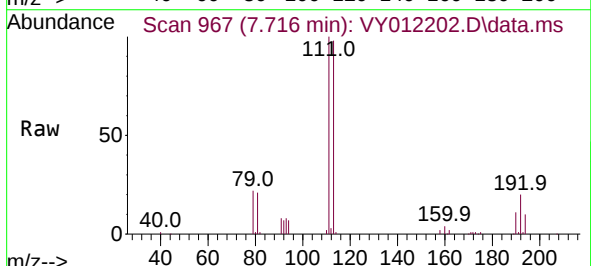
Tgt Ion:113 Resp: 73010

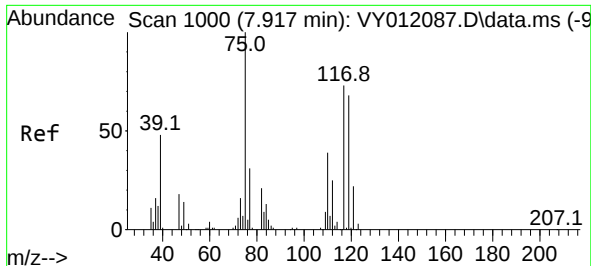
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 21.0 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.857 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012202.D

Acq: 16 Jan 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBL01

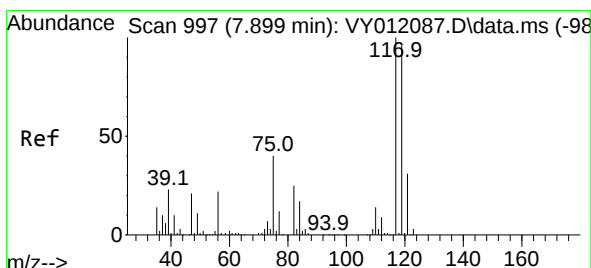
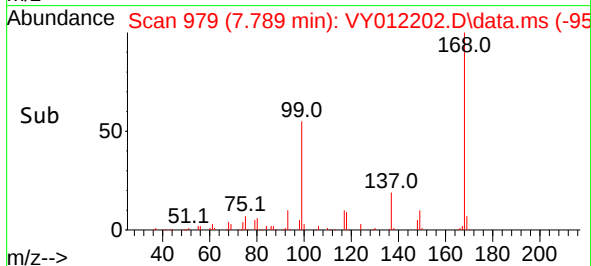
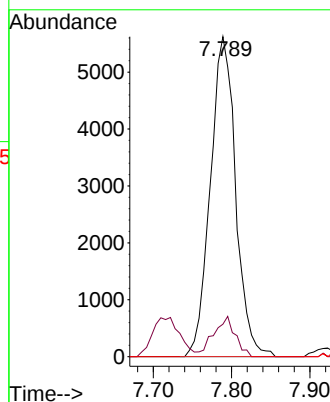
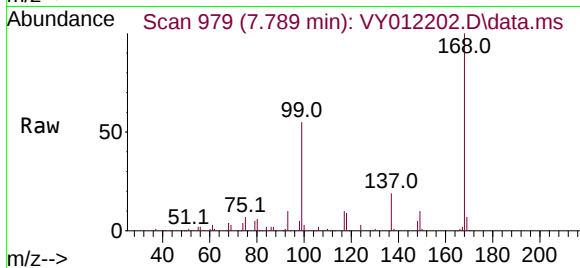
Tgt Ion: 75 Resp: 12622

Ion Ratio Lower Upper

75 100

110 10.8 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.418 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012202.D

Acq: 16 Jan 2023 16:21

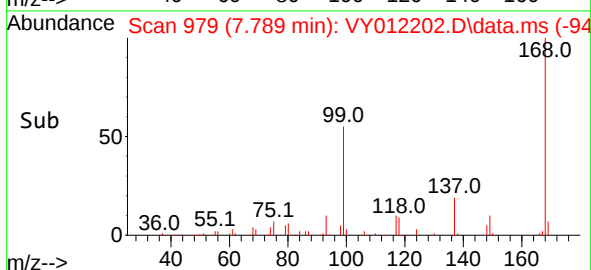
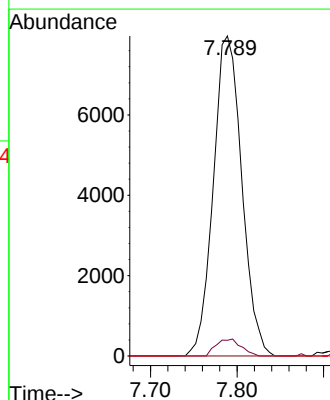
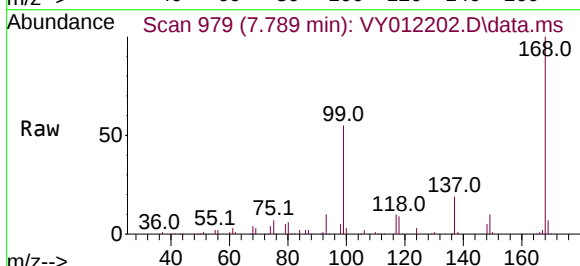
Tgt Ion: 117 Resp: 18184

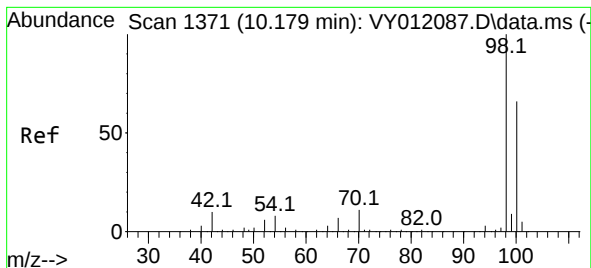
Ion Ratio Lower Upper

117 100

119 4.9 73.8 110.8#

121 0.0 25.2 37.8#

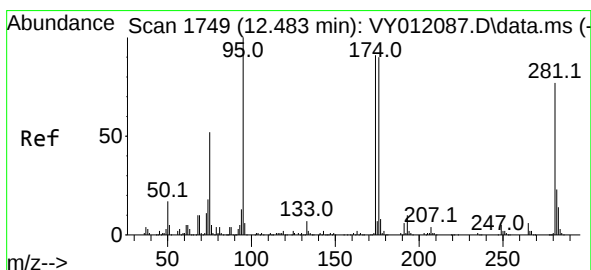
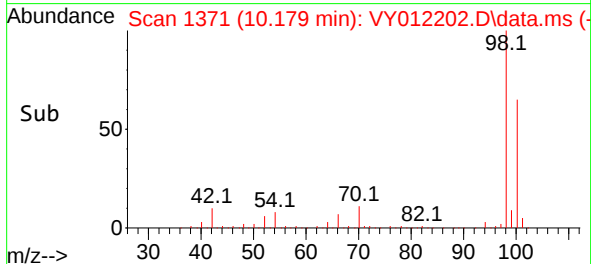
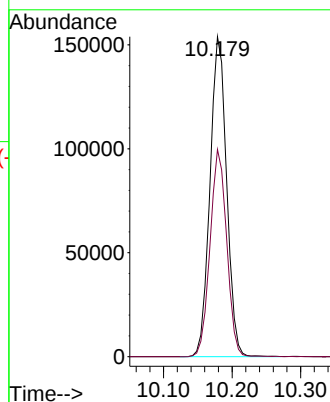
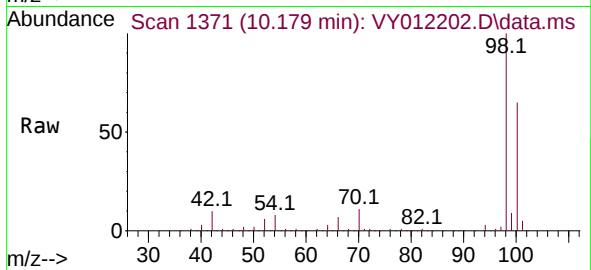




#50
Toluene-d8
Concen: 48.981 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

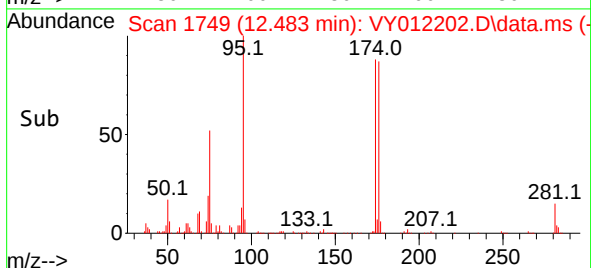
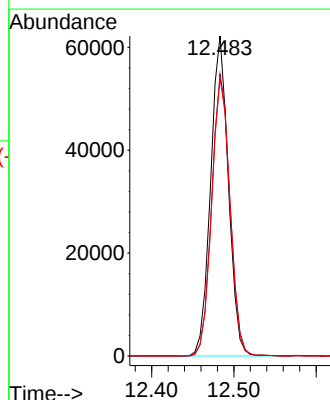
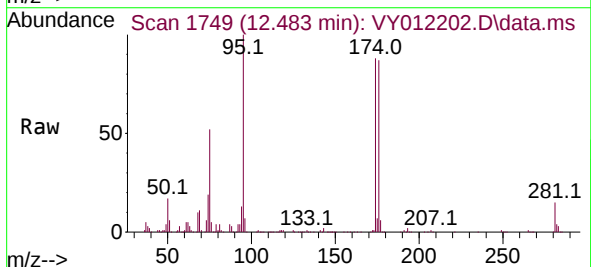
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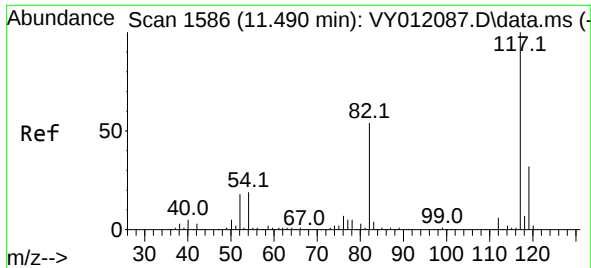
Tgt Ion: 98 Resp: 259953
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.381 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

Tgt Ion: 95 Resp: 93504
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.0
176 89.2 0.0 167.6

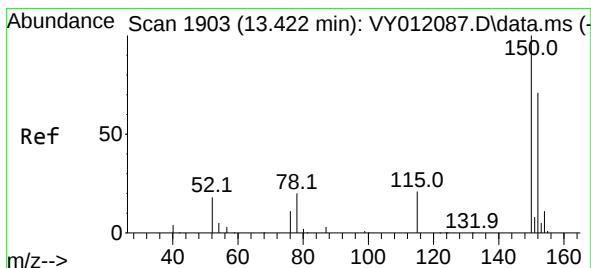
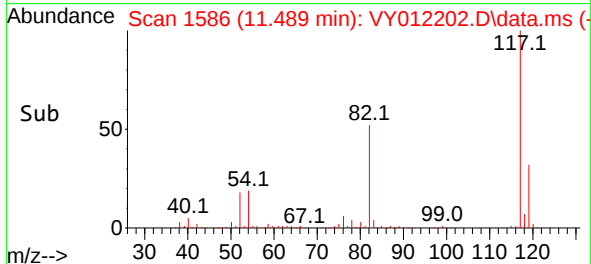
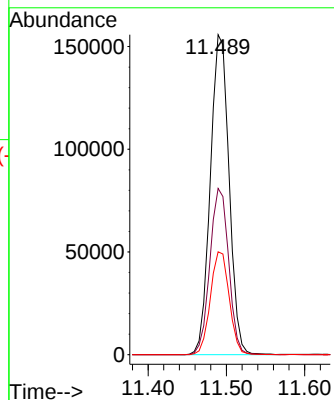
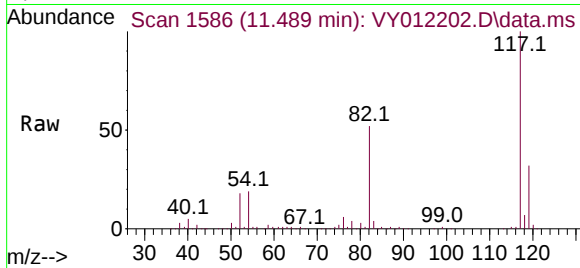




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

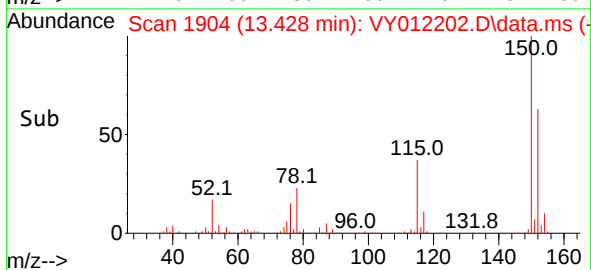
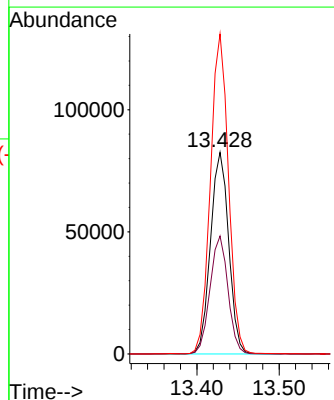
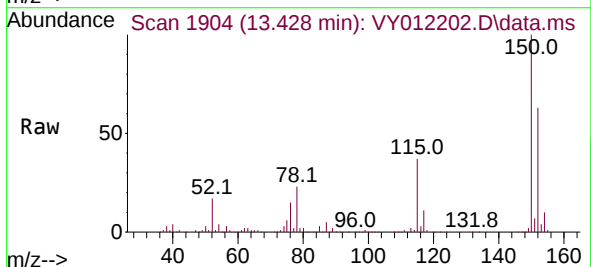
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBL01

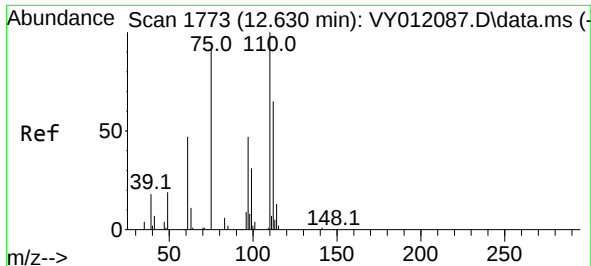
Tgt Ion:117 Resp: 258814
Ion Ratio Lower Upper
117 100
82 51.9 44.8 67.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

Tgt Ion:152 Resp: 127068
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 157.2 0.0 342.6

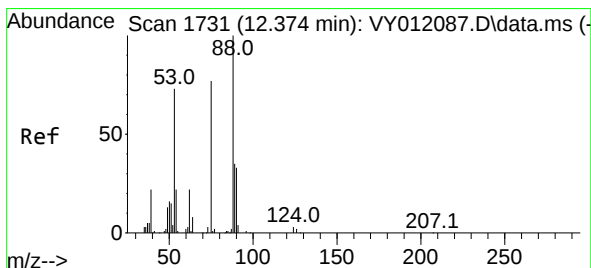
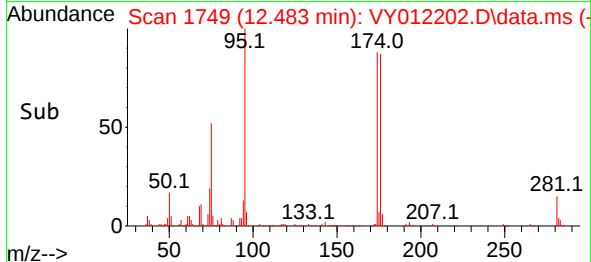
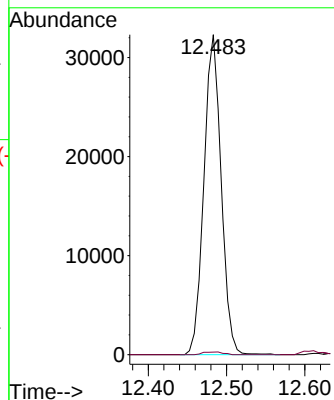
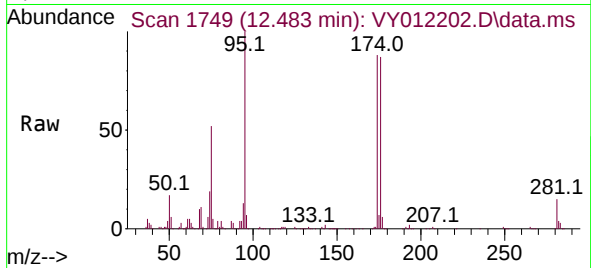




#76
1,2,3-Trichloropropane
Concen: 42.181 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBL01

Tgt Ion: 75 Resp: 49286
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.912 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012202.D
Acq: 16 Jan 2023 16:21

Tgt Ion: 75 Resp: 49286
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.2 37.0 55.4#

