

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020625.D
 Acq On : 18 Dec 2024 10:52
 Operator : SY/MD
 Sample : VY1218SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBL01

Quant Time: Dec 18 14:21:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

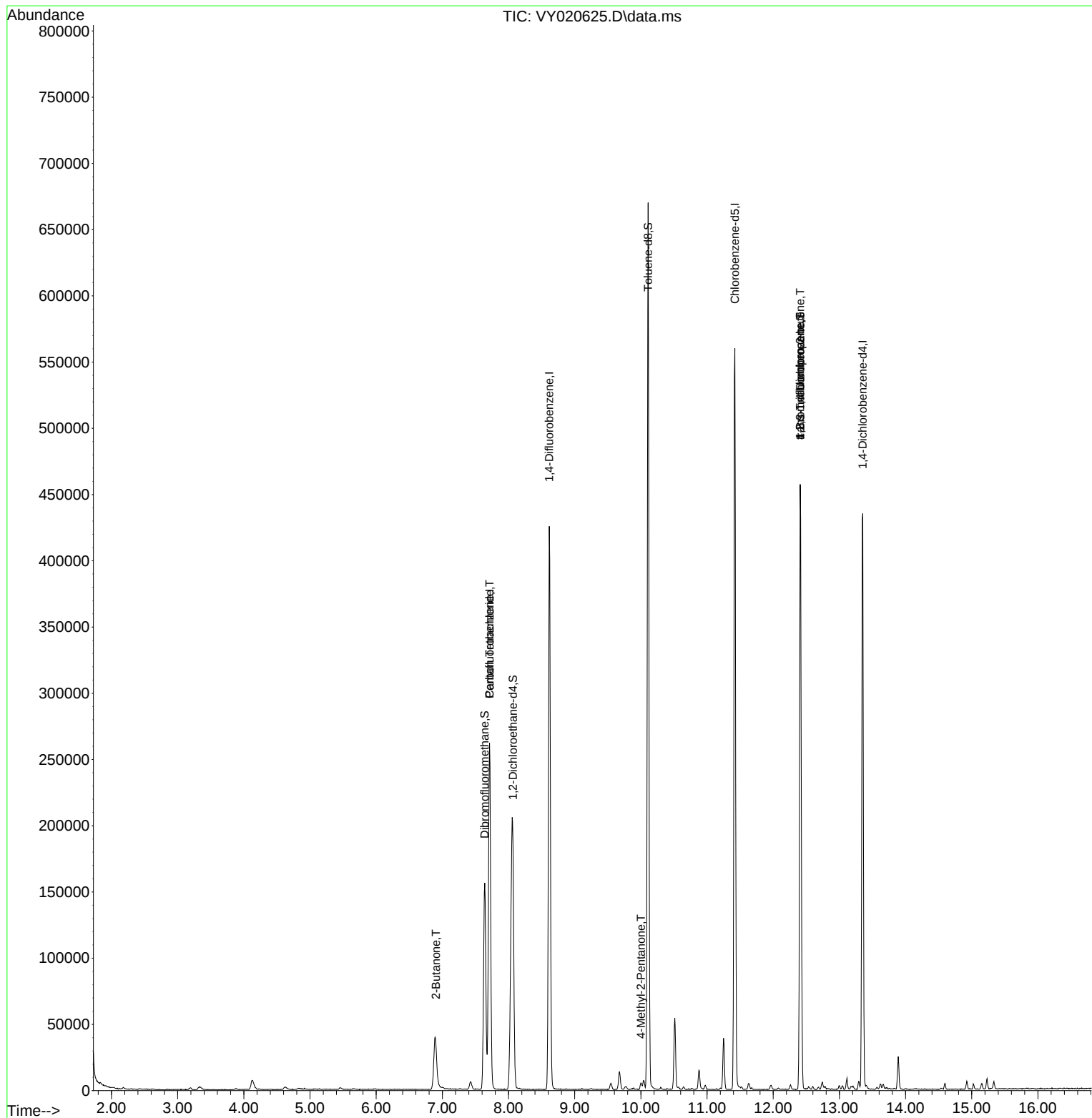
Internal Standards						
1) Pentafluorobenzene	7.713	168	201389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	355898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	296016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	114022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	109578	49.681	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.360%		
35) Dibromofluoromethane	7.640	113	112159	44.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.440%		
50) Toluene-d8	10.109	98	424991	48.408	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.820%		
62) 4-Bromofluorobenzene	12.408	95	128486	37.413	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	74.820%		
Target Compounds						
11) Tert butyl alcohol	4.842	59	792	Below Cal	#	75
16) Acetone	3.872	43	1150	Below Cal	#	86
25) 2-Butanone	6.902	43	2700	3.294	ug/l #	81
30) Chloroform	7.427	83	5730	Below Cal		99
38) Carbon Tetrachloride	7.713	117	21388	4.227	ug/l #	15
51) 4-Methyl-2-Pentanone	9.999	43	3724	1.732	ug/l	98
76) 1,2,3-Trichloropropane	12.408	75	69153	58.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	69153	122.549	ug/l #	12

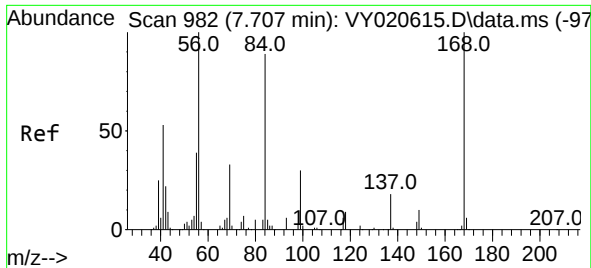
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
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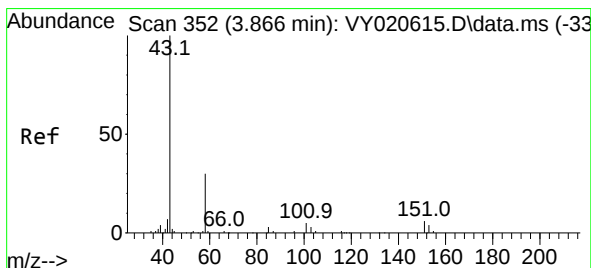
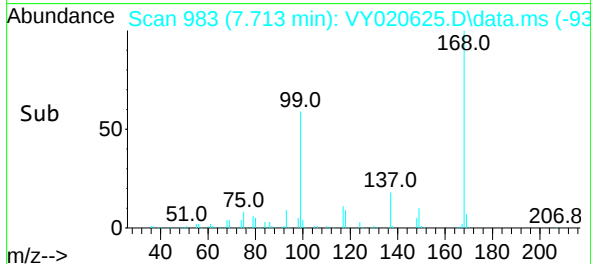
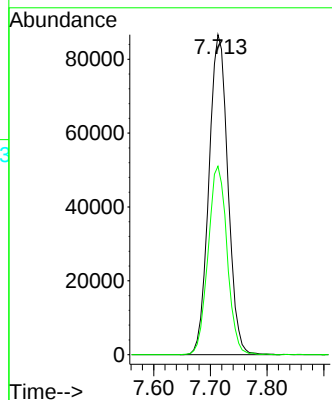
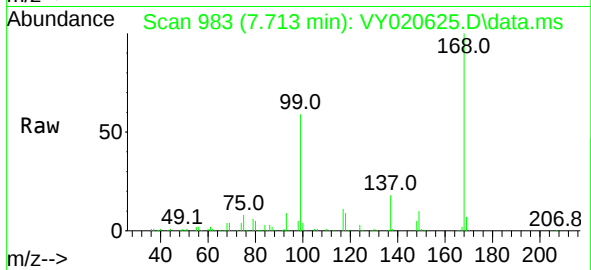




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

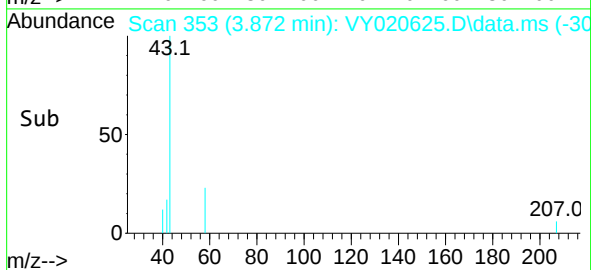
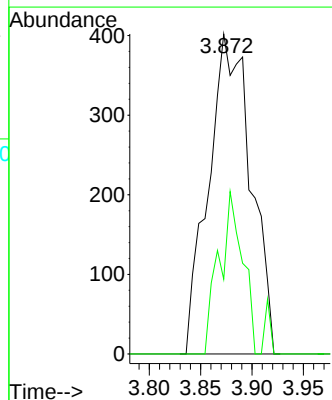
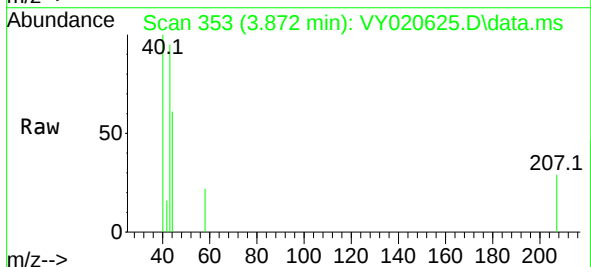
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBL01

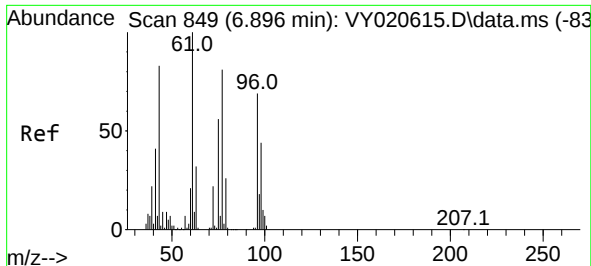
Tgt Ion:168 Resp: 201389
Ion Ratio Lower Upper
168 100
99 58.9 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
58 23.4 25.0 37.6#

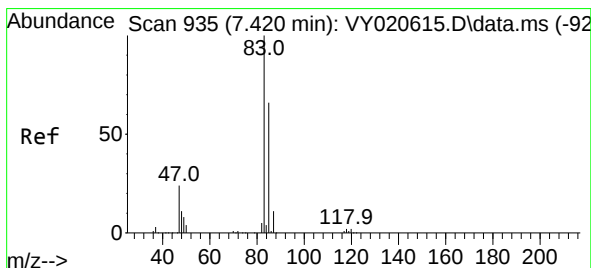
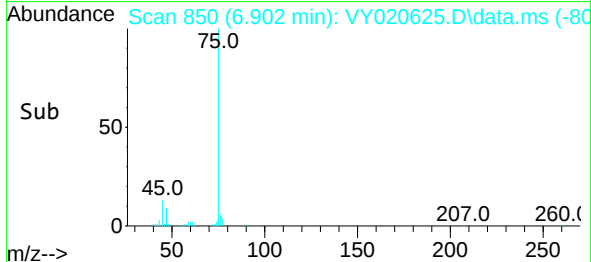
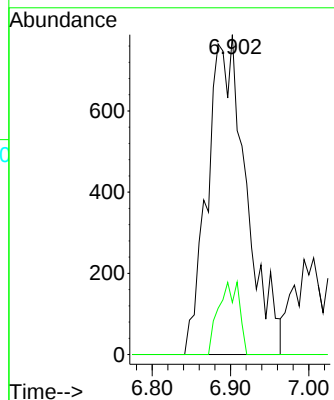
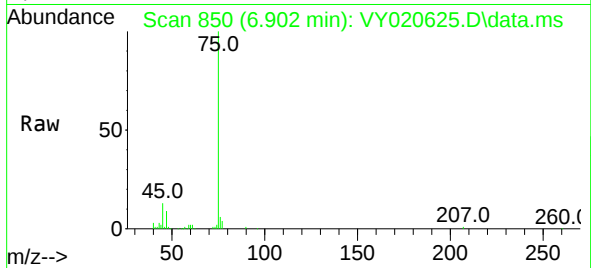




#25
2-Butanone
Concen: 3.294 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

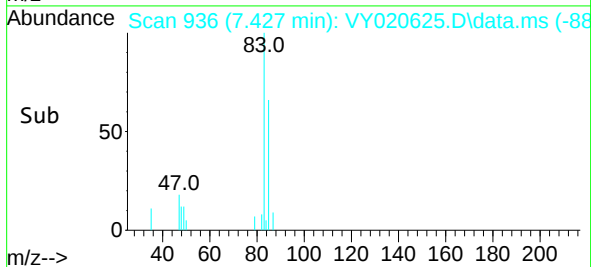
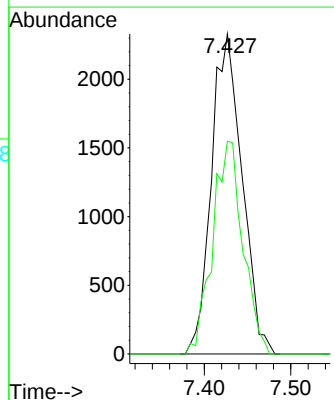
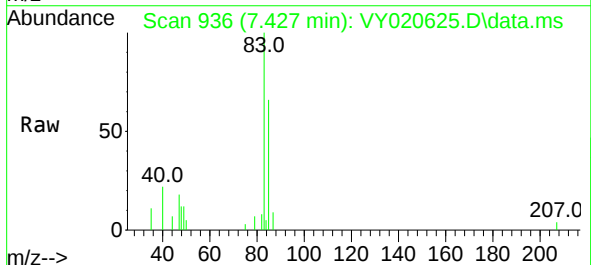
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBL01

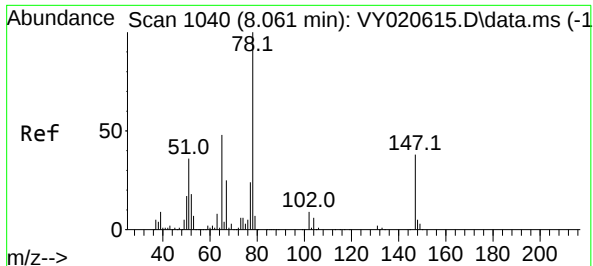
Tgt Ion: 43 Resp: 2700
Ion Ratio Lower Upper
43 100
72 16.2 20.6 31.0#



#30
Chloroform
Concen: Below Cal
RT: 7.427 min Scan# 936
Delta R.T. 0.007 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

Tgt Ion: 83 Resp: 5730
Ion Ratio Lower Upper
83 100
85 66.5 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 49.681 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY020625.D

Acq: 18 Dec 2024 10:52

Instrument :

MSVOA_Y

ClientSampleId :

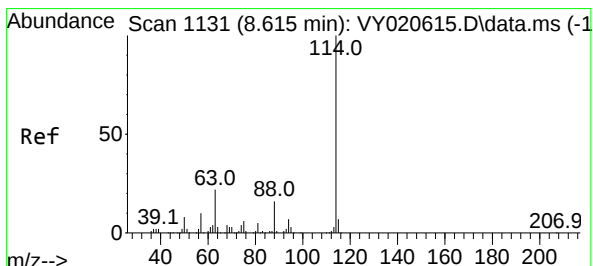
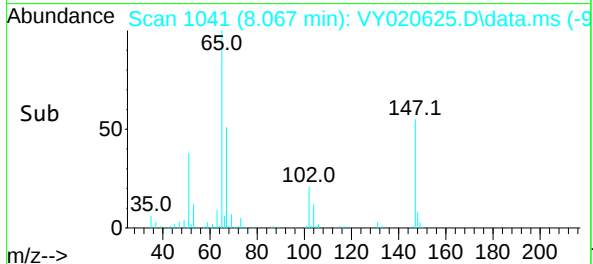
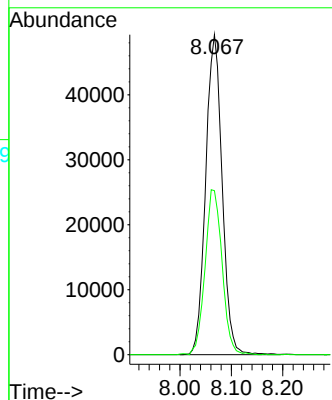
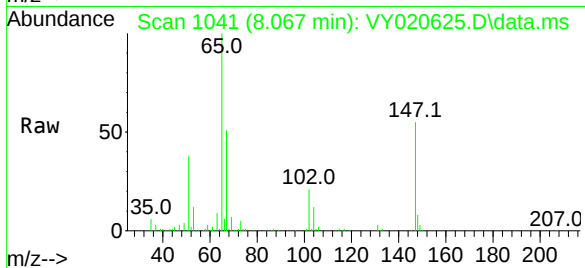
VY1218SBL01

Tgt Ion: 65 Resp: 109578

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020625.D

Acq: 18 Dec 2024 10:52

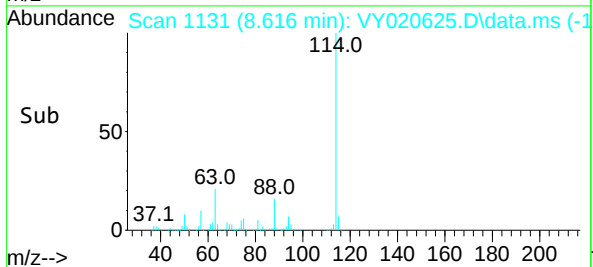
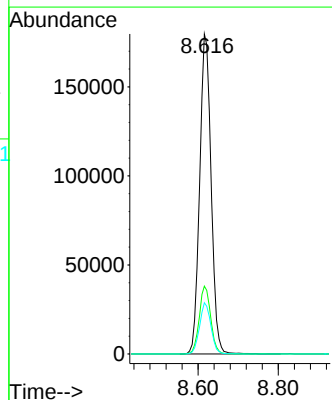
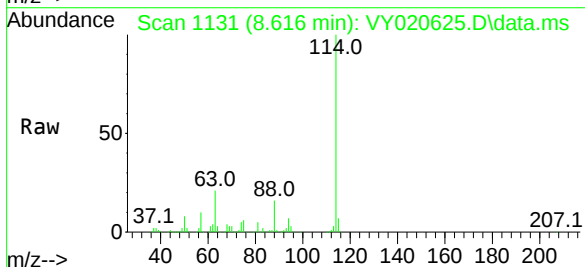
Tgt Ion: 114 Resp: 355898

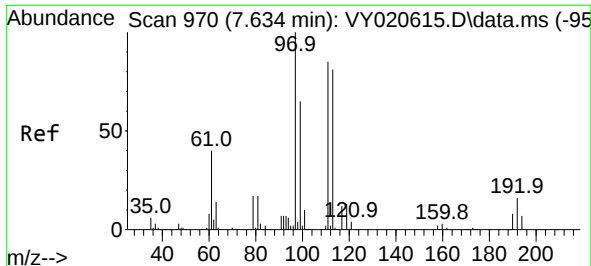
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.0 0.0 32.8

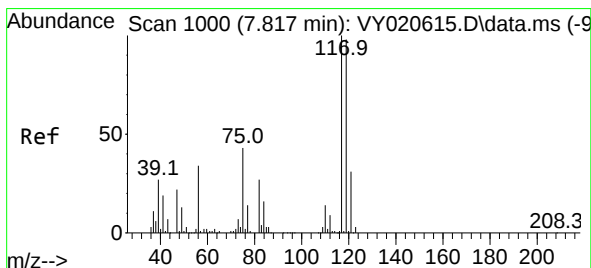
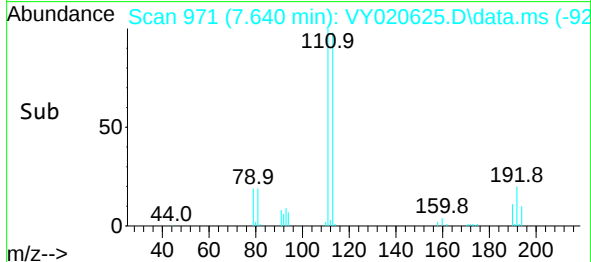
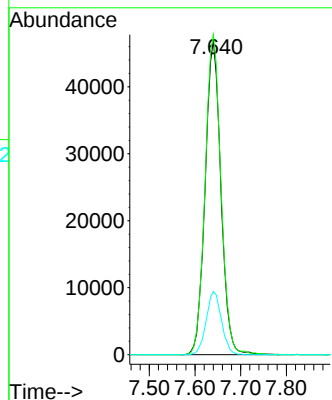
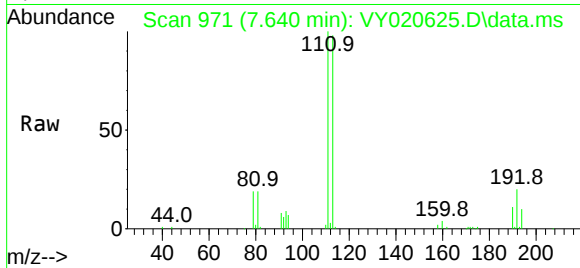




#35
Dibromofluoromethane
Concen: 44.716 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

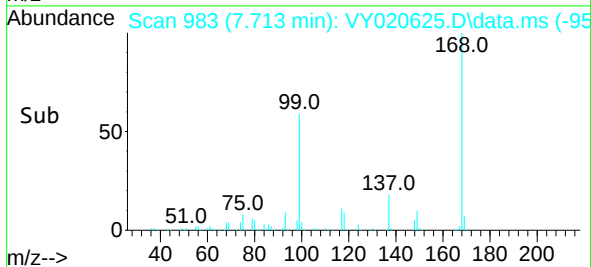
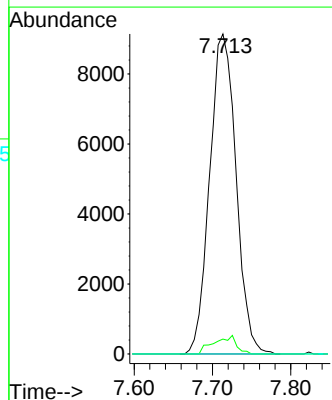
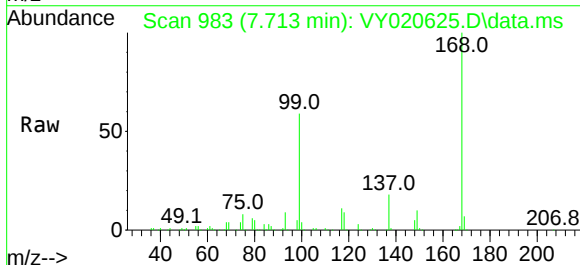
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBL01

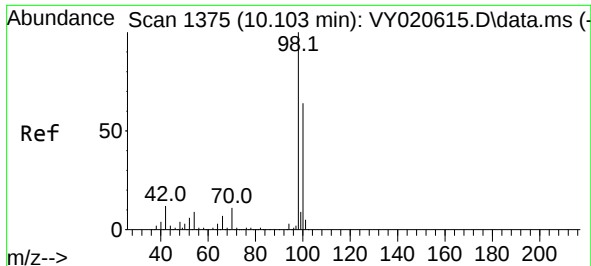
Tgt Ion:113 Resp: 112159
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.5 15.7 23.5



#38
Carbon Tetrachloride
Concen: 4.227 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.103 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

Tgt Ion:117 Resp: 21388
Ion Ratio Lower Upper
117 100
119 4.6 78.3 117.5#
121 0.0 25.1 37.7#

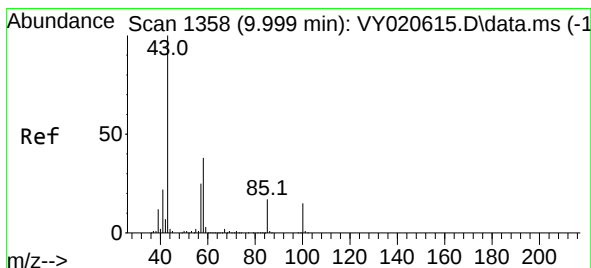
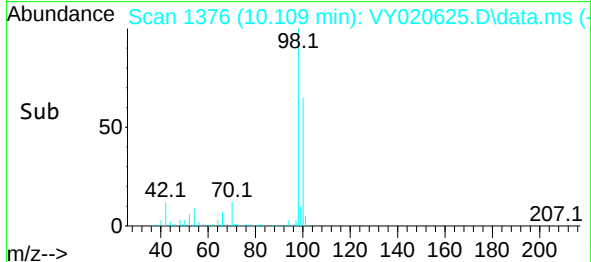
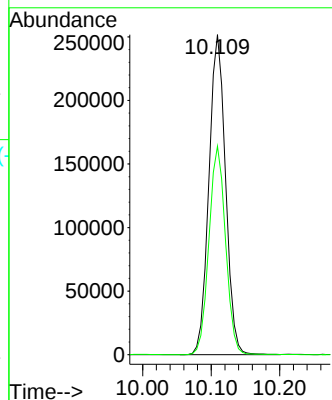
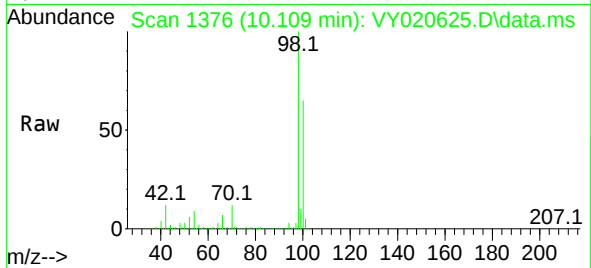




#50
Toluene-d8
Concen: 48.408 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

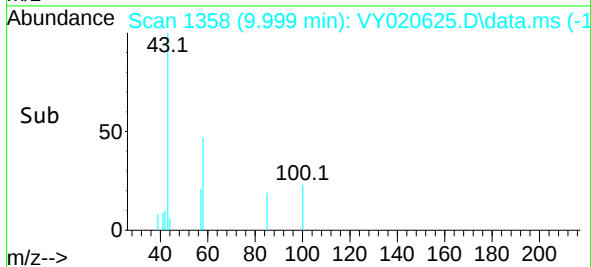
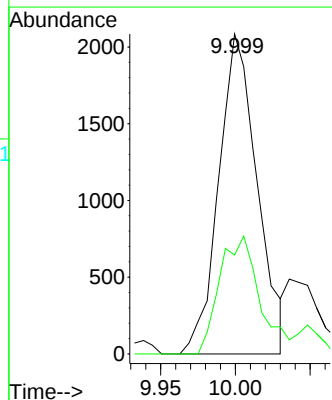
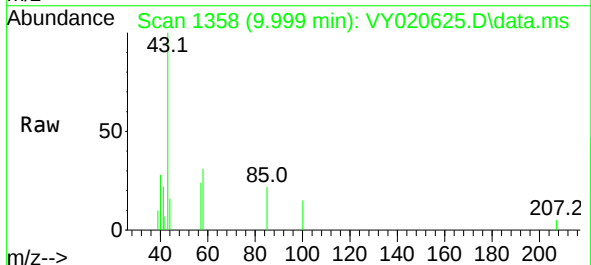
Instrument :
MSVOA_Y
ClientSampleId :
VY1218SBL01

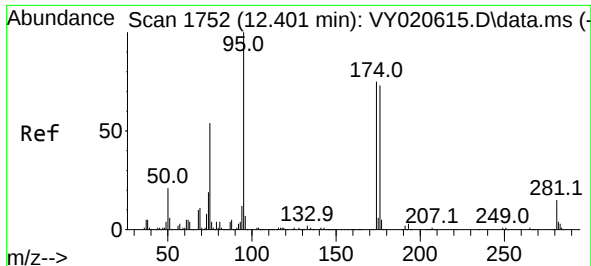
Tgt Ion: 98 Resp: 424991
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.732 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020625.D
Acq: 18 Dec 2024 10:52

Tgt Ion: 43 Resp: 3724
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2





#62

4-Bromofluorobenzene

Concen: 37.413 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020625.D

Acq: 18 Dec 2024 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBL01

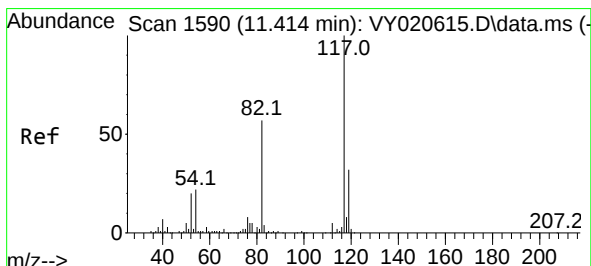
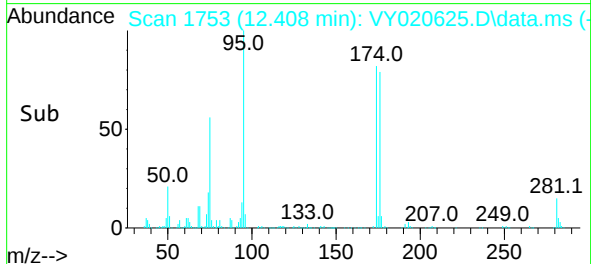
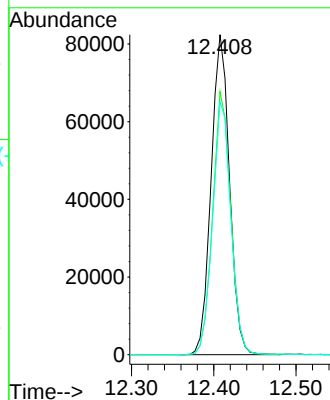
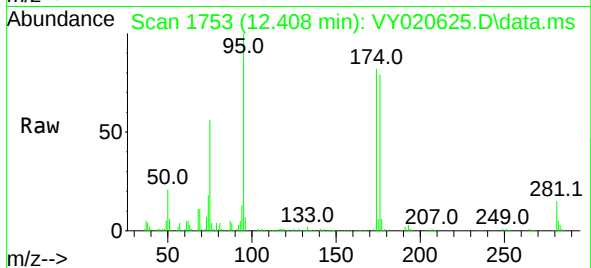
Tgt Ion: 95 Resp: 128486

Ion Ratio Lower Upper

95 100

174 81.0 0.0 161.8

176 78.5 0.0 156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020625.D

Acq: 18 Dec 2024 10:52

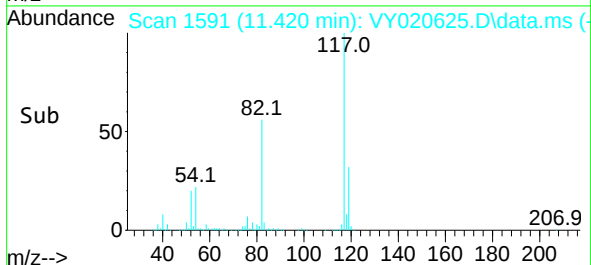
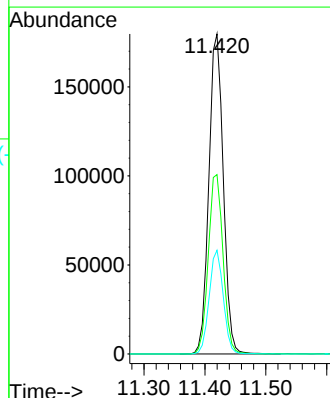
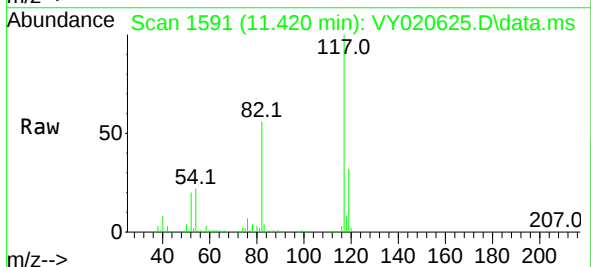
Tgt Ion: 117 Resp: 296016

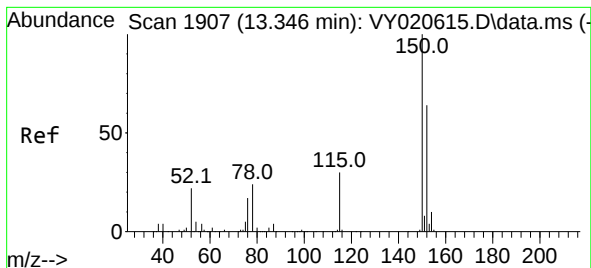
Ion Ratio Lower Upper

117 100

82 56.0 45.8 68.6

119 32.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY020625.D

Acq: 18 Dec 2024 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1218SBL01

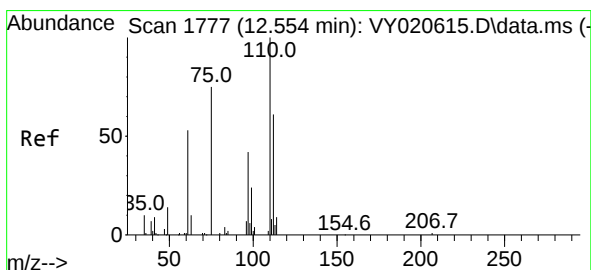
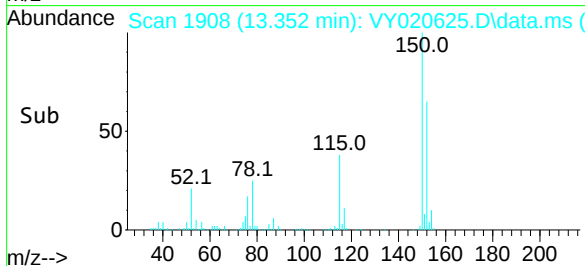
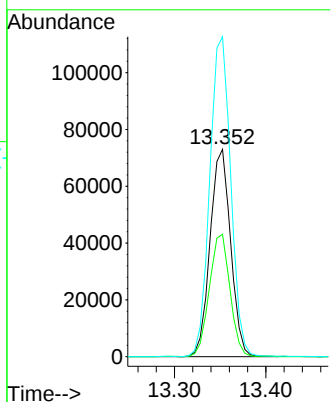
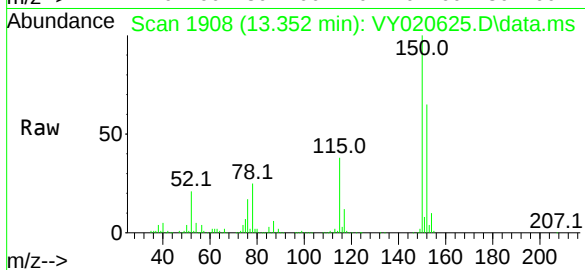
Tgt Ion:152 Resp: 114022

Ion Ratio Lower Upper

152 100

115 59.2 30.2 90.6

150 157.4 0.0 355.4



#76

1,2,3-Trichloropropane

Concen: 58.383 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020625.D

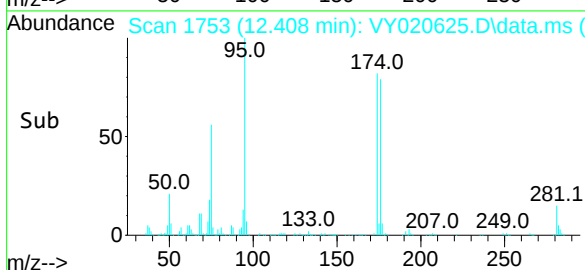
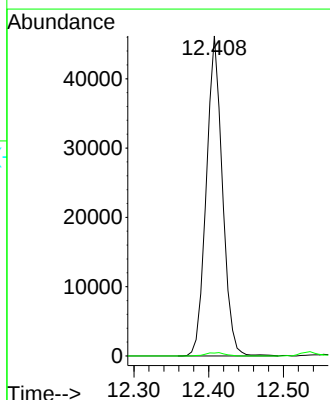
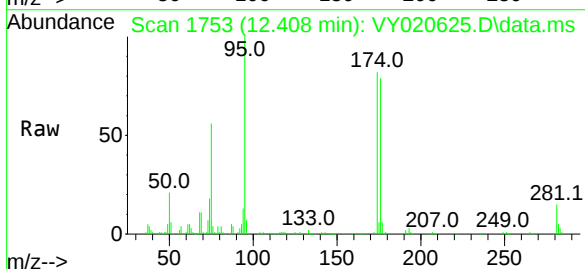
Acq: 18 Dec 2024 10:52

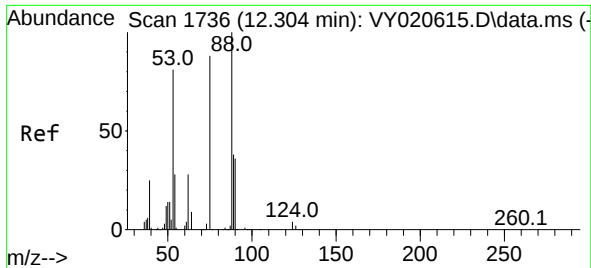
Tgt Ion: 75 Resp: 69153

Ion Ratio Lower Upper

75 100

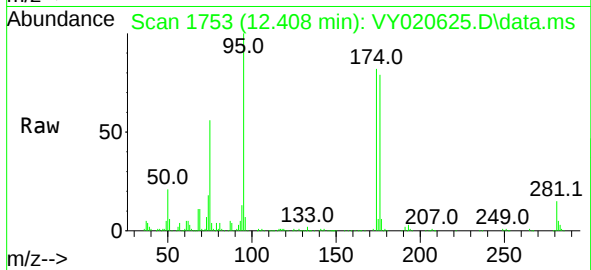
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.549 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020625.D
 Acq: 18 Dec 2024 10:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBL01



Tgt Ion: 75 Resp: 69153
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.4 113.2#
 89 0.4 37.0 55.4#

