

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020660.D
 Acq On : 19 Dec 2024 17:09
 Operator : SY/MD
 Sample : P5277-01
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 00:57:36 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)

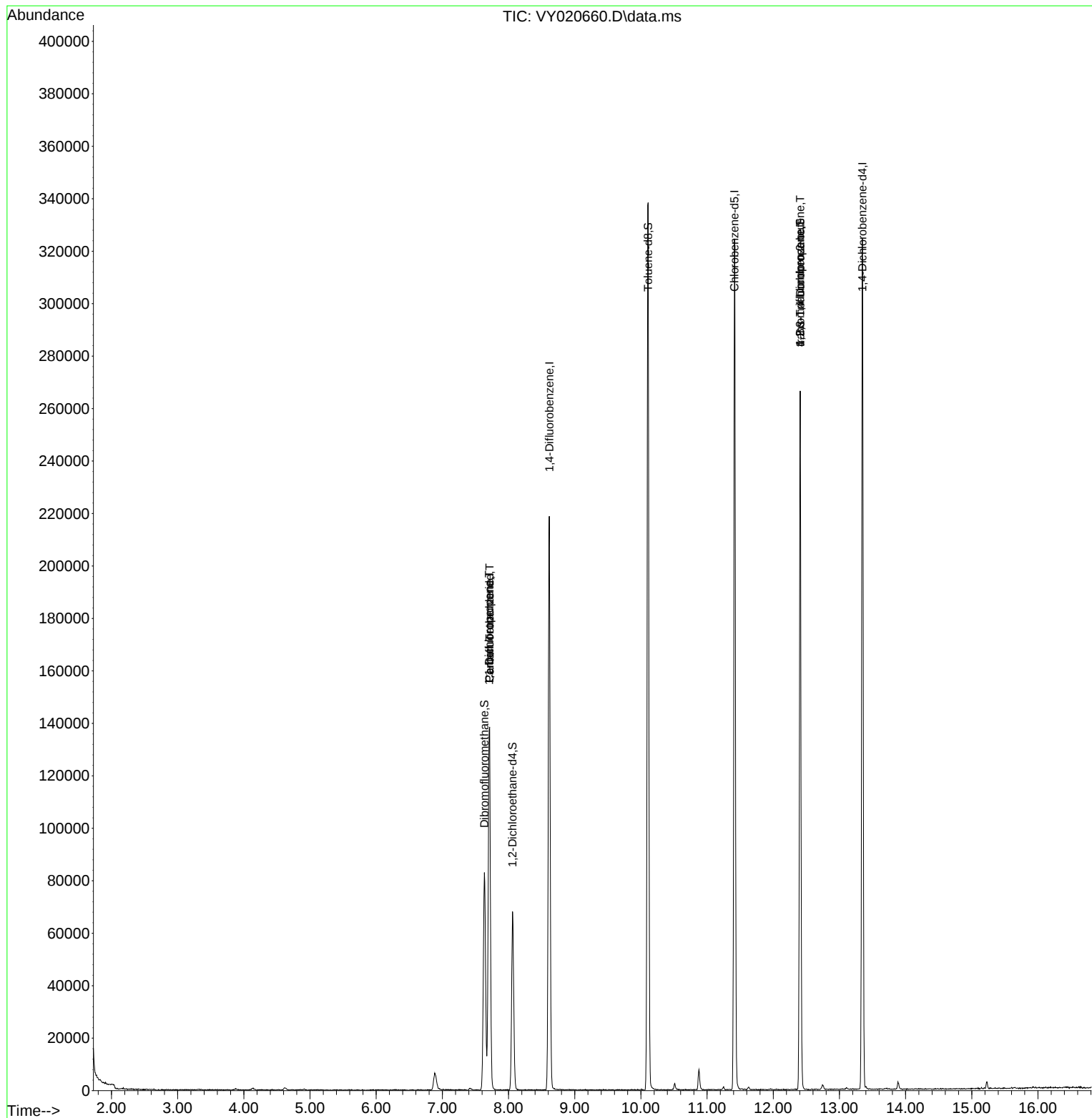
Internal Standards						
1) Pentafluorobenzene	7.713	168	108629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	184812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	172200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	81207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57441	48.281	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.560%		
35) Dibromofluoromethane	7.634	113	56678	43.515	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.020%		
50) Toluene-d8	10.109	98	225705	49.508	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.020%		
62) 4-Bromofluorobenzene	12.408	95	79552	44.608	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	89.220%		
Target Compounds						
11) Tert butyl alcohol	4.848	59	114	Below Cal	#	75
16) Acetone	3.873	43	696	Below Cal	#	69
30) Chloroform	7.427	83	777	Below Cal	#	81
36) 1,1-Dichloropropene	7.707	75	7946	3.346	ug/l #	53
38) Carbon Tetrachloride	7.713	117	11404	4.340	ug/l #	14
76) 1,2,3-Trichloropropane	12.408	75	42926	50.885	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	42926	106.810	ug/l #	12

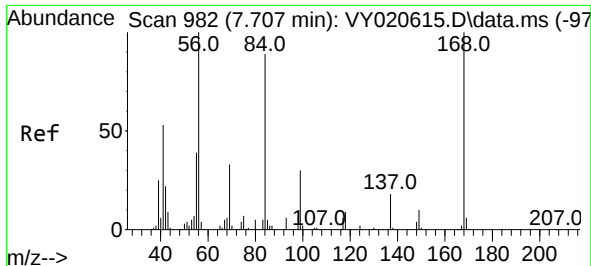
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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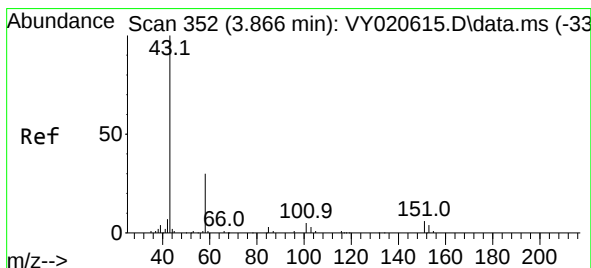
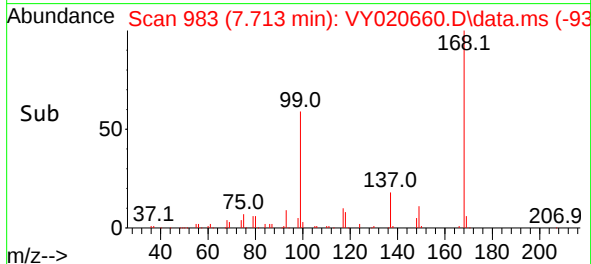
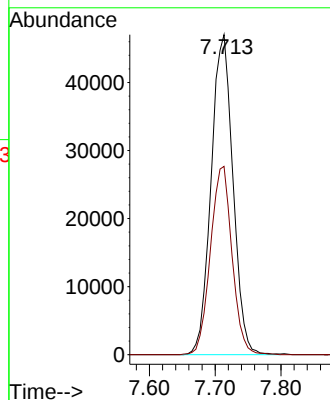
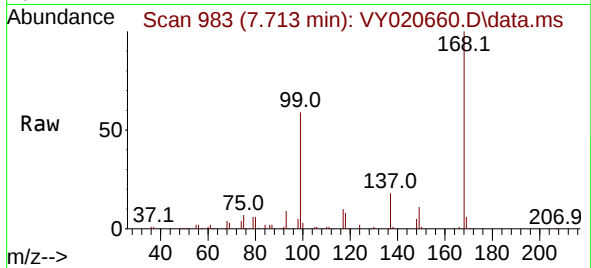




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

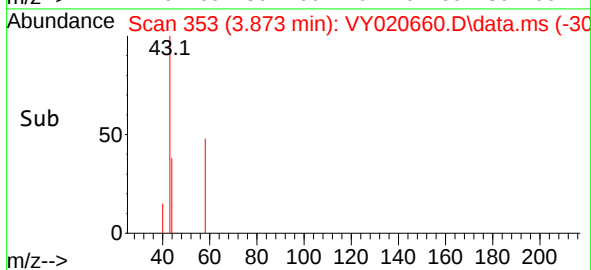
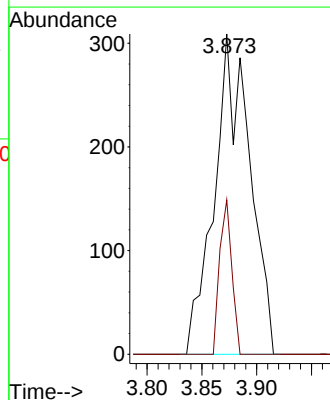
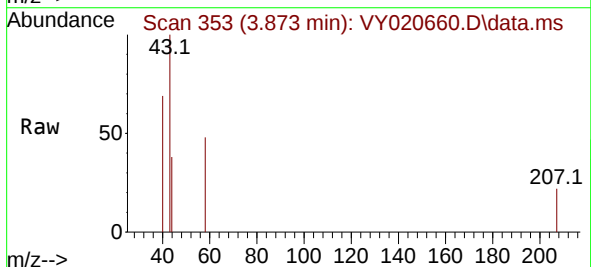
Instrument :
MSVOA_Y
ClientSampleId :

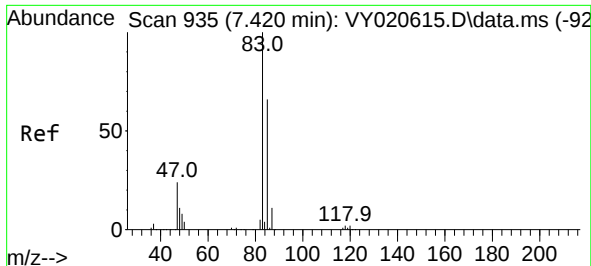
Tgt Ion:168 Resp: 108629
Ion Ratio Lower Upper
168 100
99 58.9 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
58 48.2 25.0 37.6#

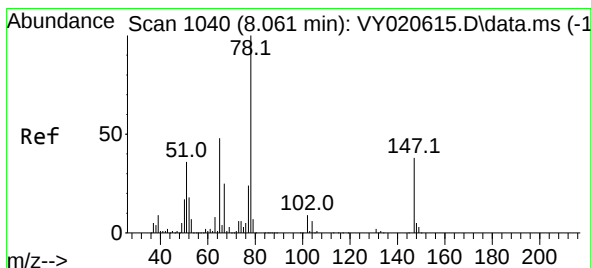
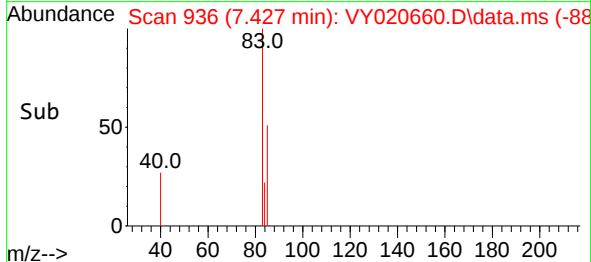
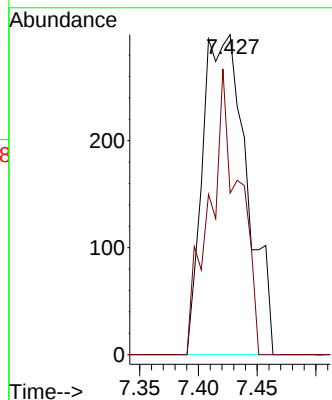
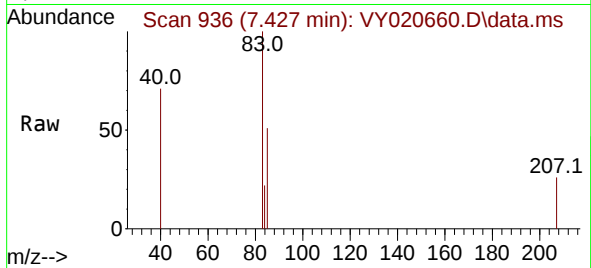




#30
Chloroform
Concen: Below Cal
RT: 7.427 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

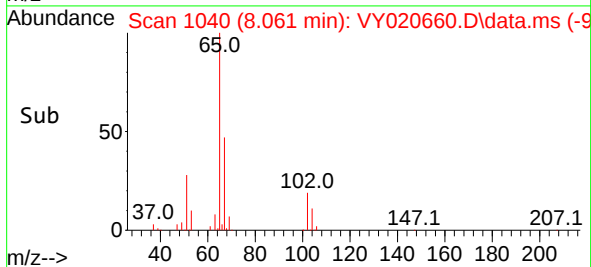
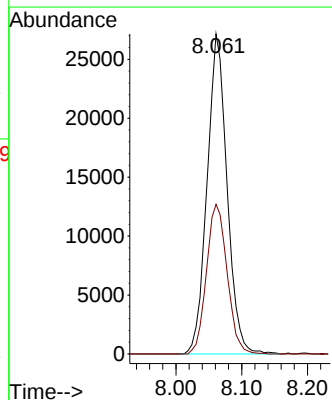
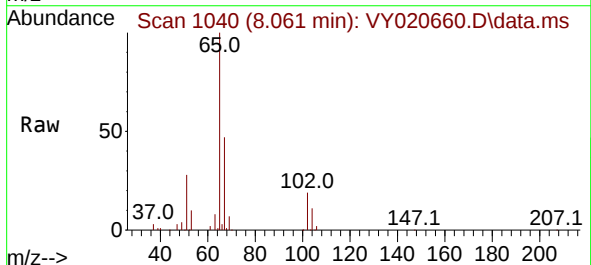
Instrument :
MSVOA_Y
ClientSampleId :

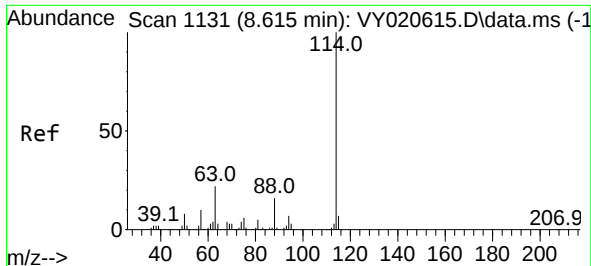
Tgt Ion: 83 Resp: 777
Ion Ratio Lower Upper
83 100
85 50.5 52.7 79.1#



#33
1,2-Dichloroethane-d4
Concen: 48.281 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

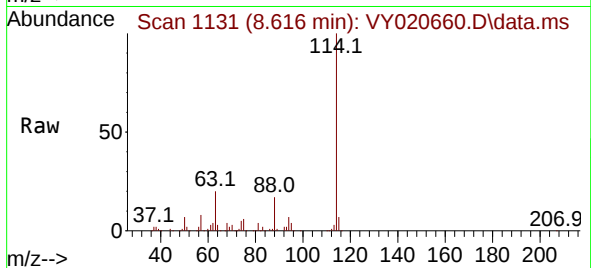
Tgt Ion: 65 Resp: 57441
Ion Ratio Lower Upper
65 100
67 48.3 0.0 108.0



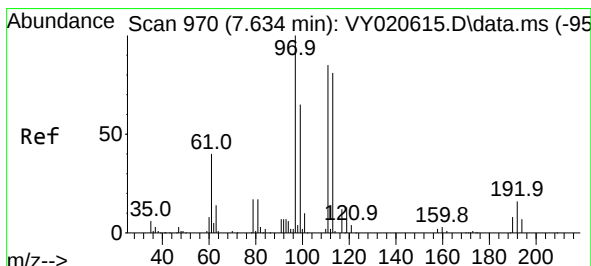
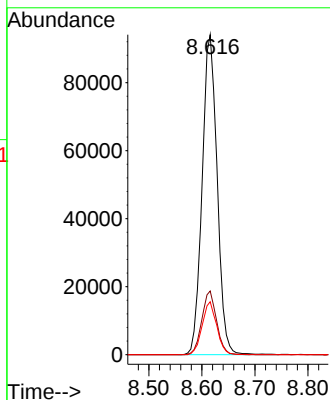
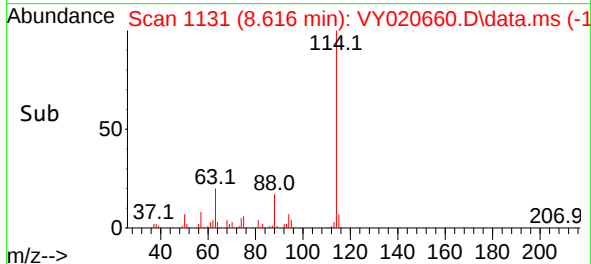


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

Instrument :
MSVOA_Y
ClientSampleId :

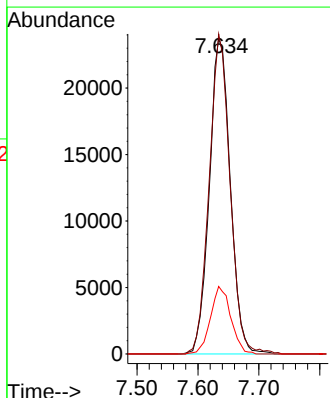
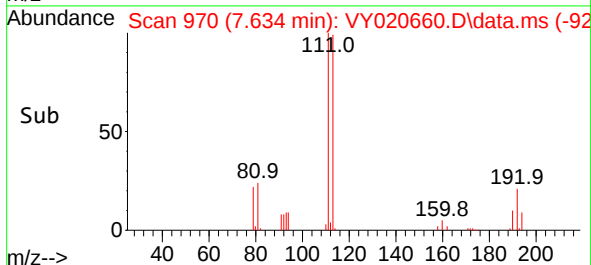
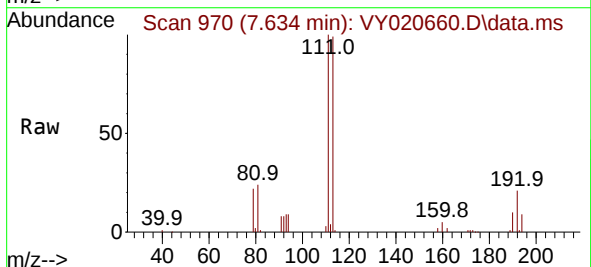


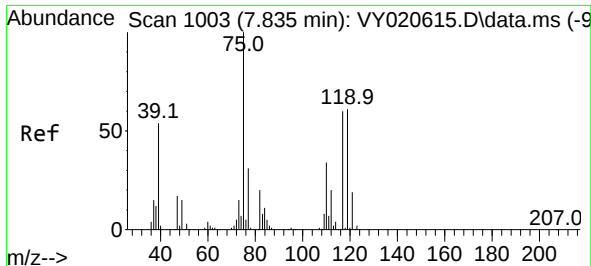
Tgt Ion:114 Resp: 184812
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.0
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 43.515 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

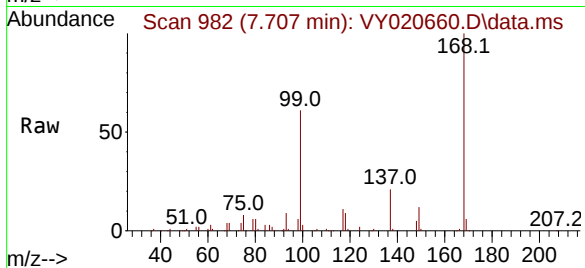
Tgt Ion:113 Resp: 56678
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 20.8 15.7 23.5



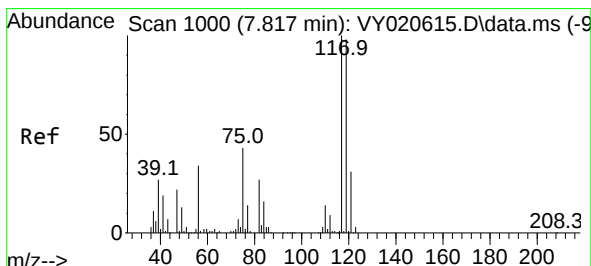
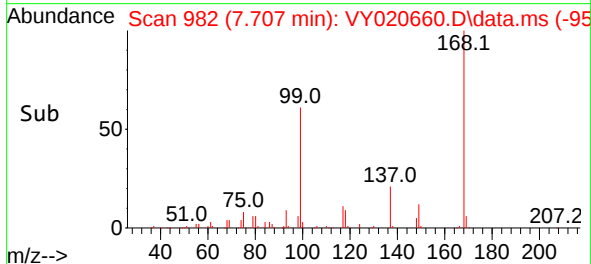
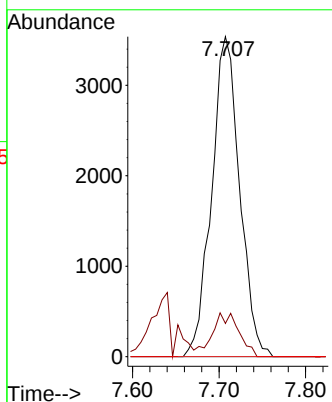


#36
1,1-Dichloropropene
Concen: 3.346 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

Instrument :
MSVOA_Y
ClientSampleId :

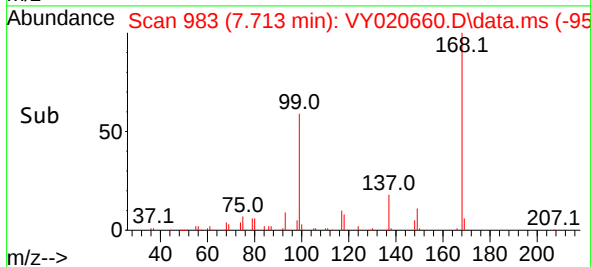
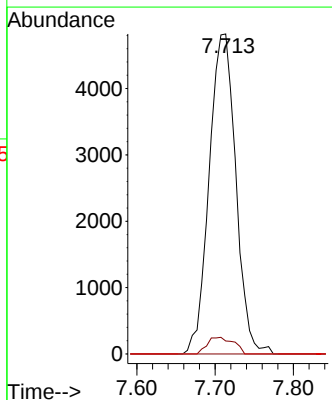
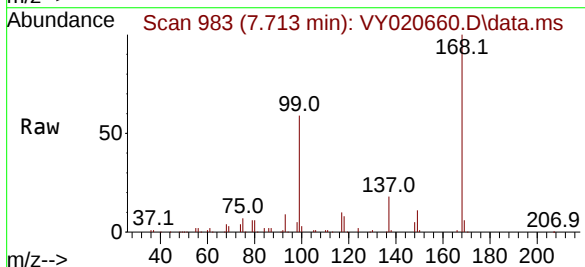


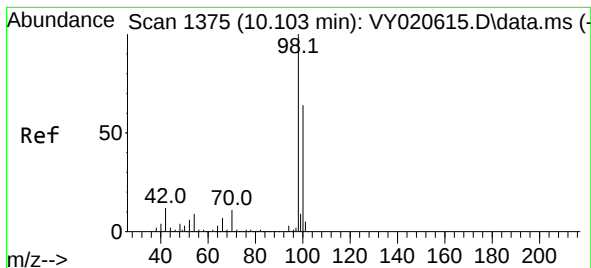
Tgt Ion: 75 Resp: 7946
Ion Ratio Lower Upper
75 100
110 12.1 16.8 50.4#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 4.340 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.103 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

Tgt Ion: 117 Resp: 11404
Ion Ratio Lower Upper
117 100
119 4.1 78.3 117.5#
121 0.0 25.1 37.7#

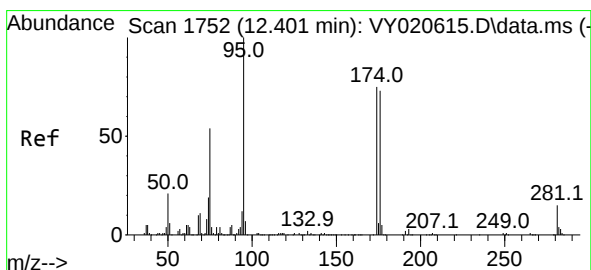
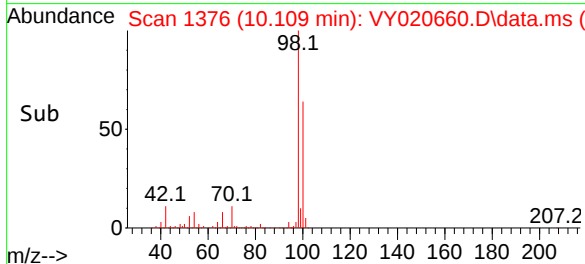
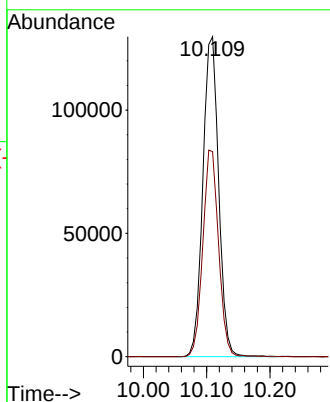
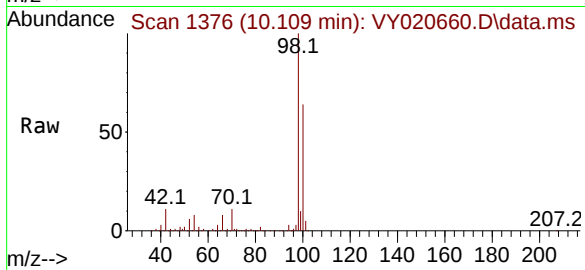




#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

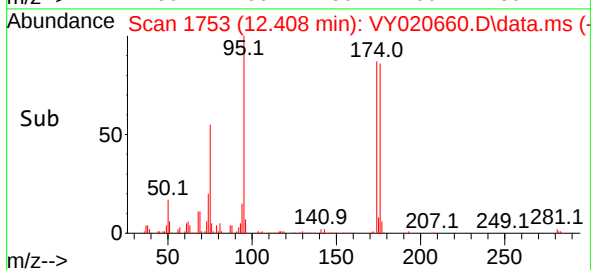
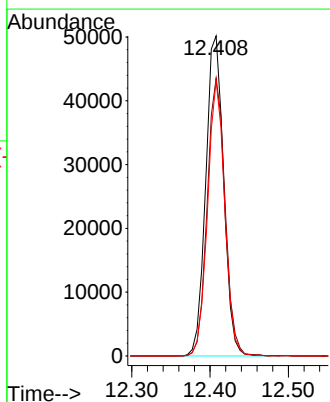
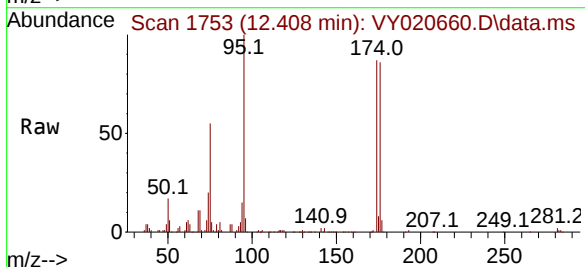
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MSVOA_Y
ClientSampleId :

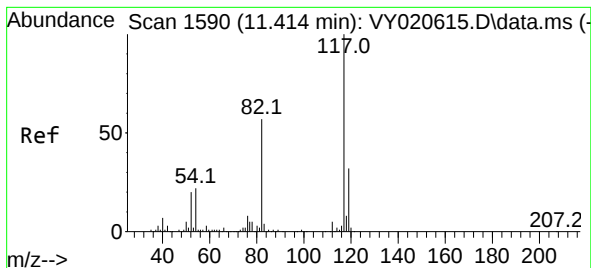
Tgt Ion: 98 Resp: 225705
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.608 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

Tgt Ion: 95 Resp: 79552
Ion Ratio Lower Upper
95 100
174 86.6 0.0 161.8
176 82.2 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020660.D

Acq: 19 Dec 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

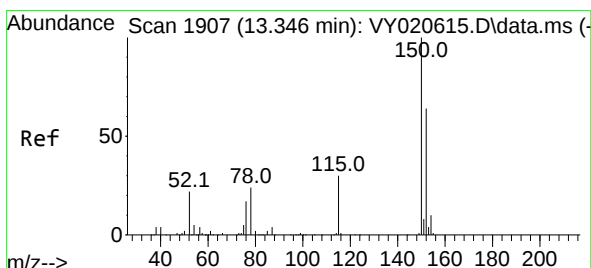
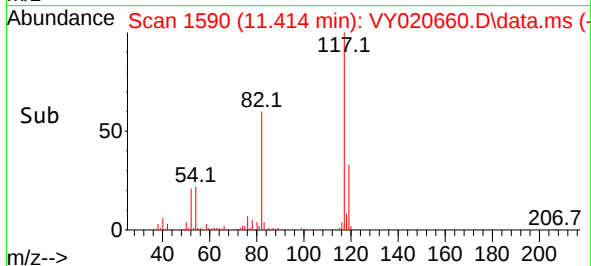
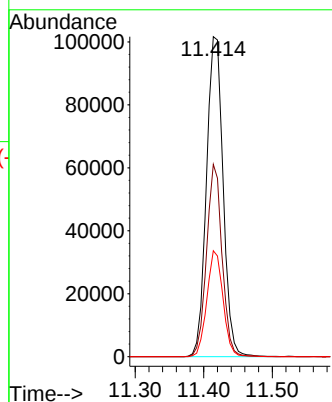
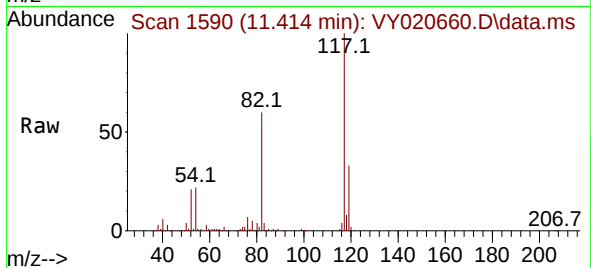
Tgt Ion:117 Resp: 172200

Ion Ratio Lower Upper

117 100

82 60.1 45.8 68.6

119 33.1 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020660.D

Acq: 19 Dec 2024 17:09

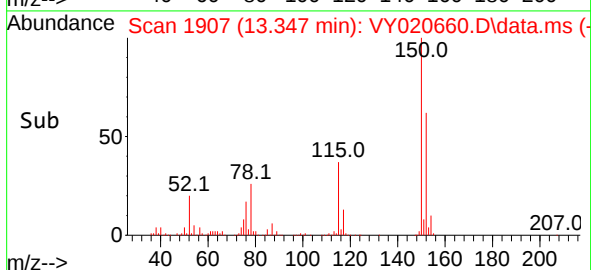
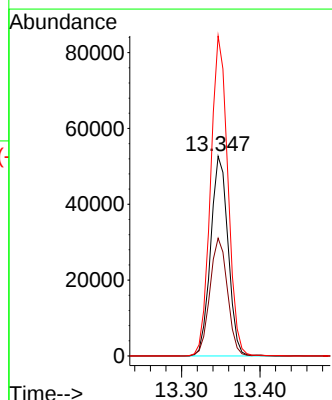
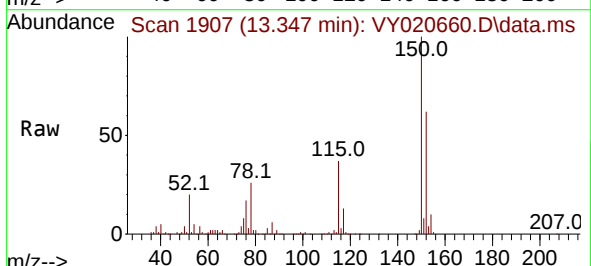
Tgt Ion:152 Resp: 81207

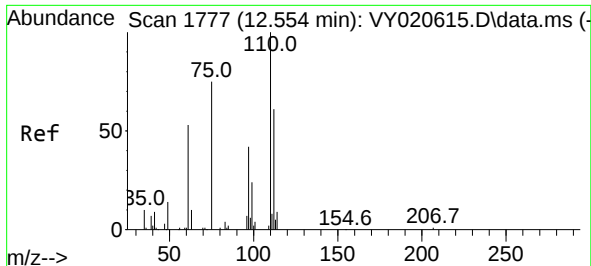
Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

150 159.1 0.0 355.4

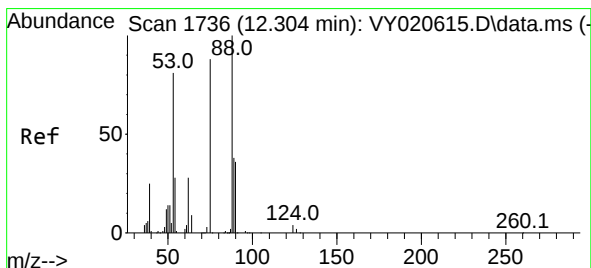
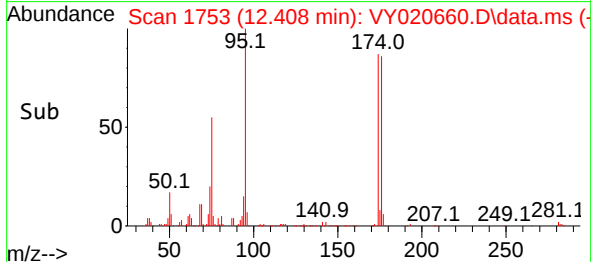
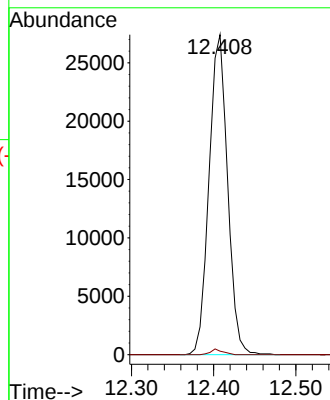
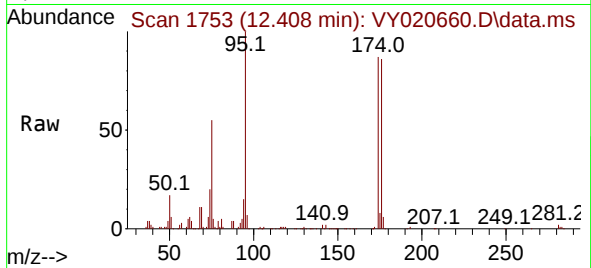




#76
1,2,3-Trichloropropane
Concen: 50.885 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 42926
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.810 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020660.D
Acq: 19 Dec 2024 17:09

Tgt Ion: 75 Resp: 42926
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#

