

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020568.D
 Acq On : 10 Dec 2024 15:00
 Operator : SY/MD
 Sample : P5196-03
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:49:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

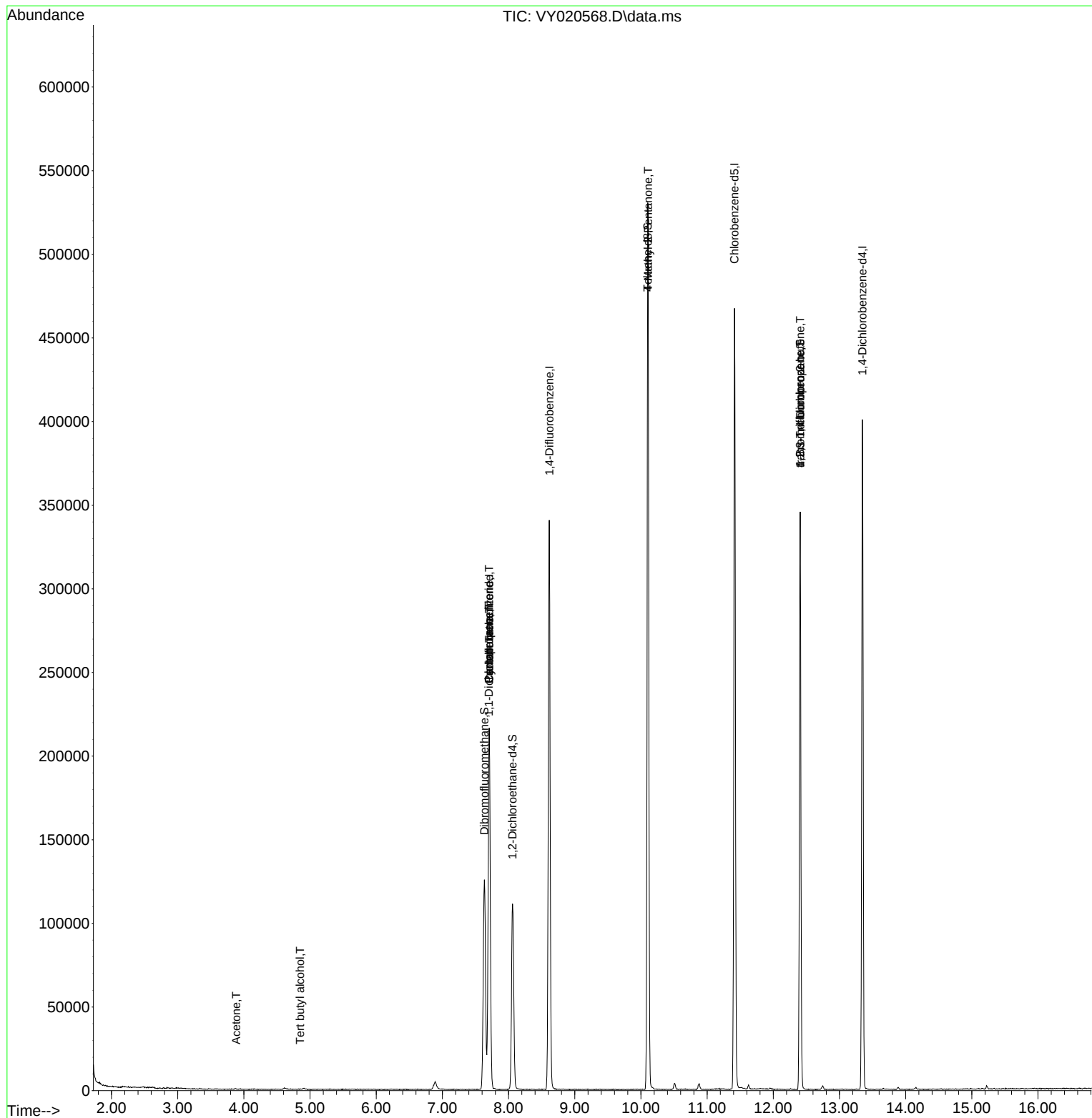
Internal Standards						
1) Pentafluorobenzene	7.707	168	160146	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	281427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	242390	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	99007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93688	57.523	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.040%	
35) Dibromofluoromethane	7.634	113	89804	50.688	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.380%	
50) Toluene-d8	10.103	98	340888	50.529	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.407	95	107059	45.373	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	166	1.571	ug/l #	73
16) Acetone	3.885	43	423	1.045	ug/l #	43
31) Cyclohexane	7.707	56	3577	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	13078	4.371	ug/l #	51
38) Carbon Tetrachloride	7.707	117	16646	4.662	ug/l #	15
51) 4-Methyl-2-Pentanone	10.109	43	1524	1.289	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	57514	57.025	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	57514	117.007	ug/l #	9

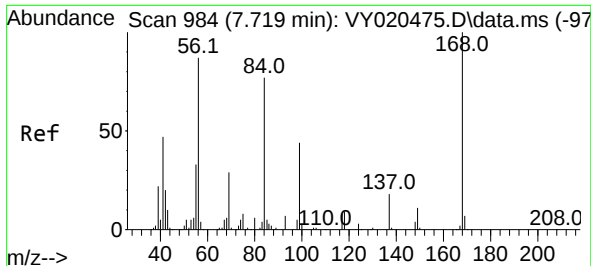
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
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Quant Time: Dec 11 00:49:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

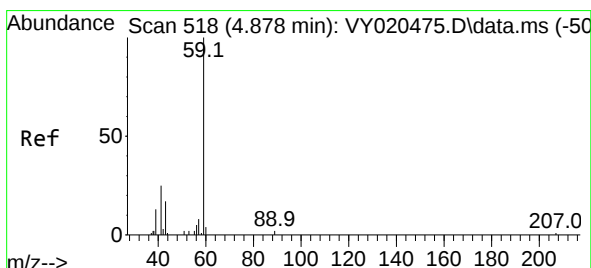
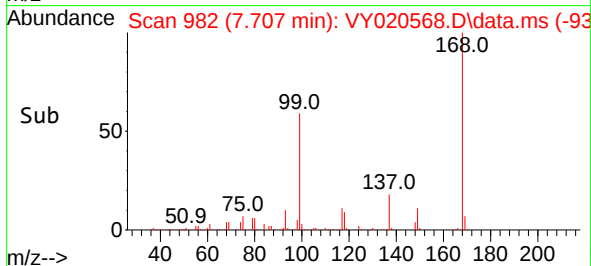
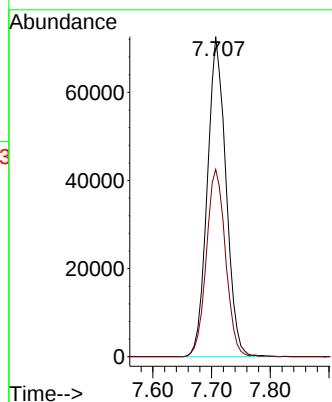
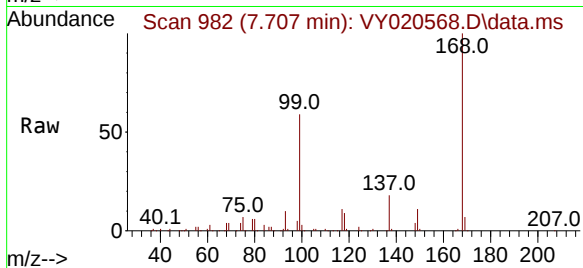




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

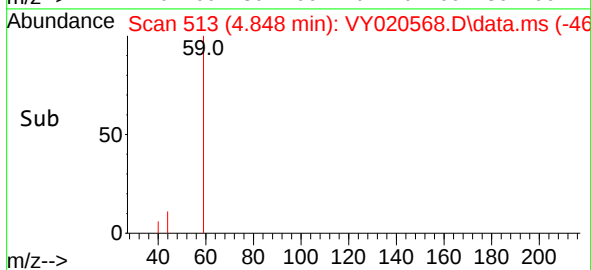
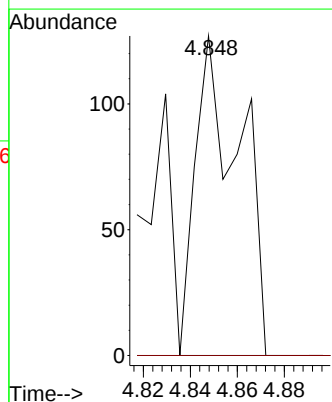
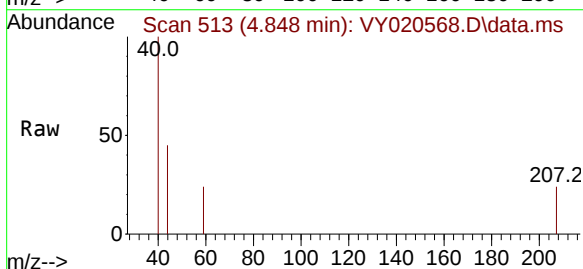
Instrument :
MSVOA_Y
ClientSampleId :

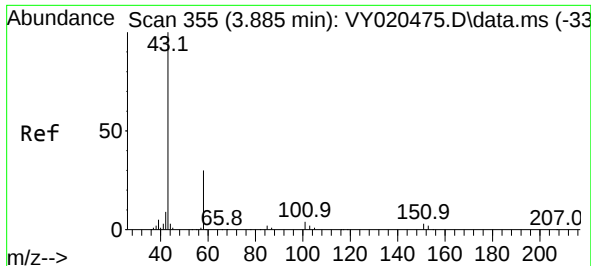
Tgt Ion:168 Resp: 160146
Ion Ratio Lower Upper
168 100
99 58.5 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.571 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.031 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

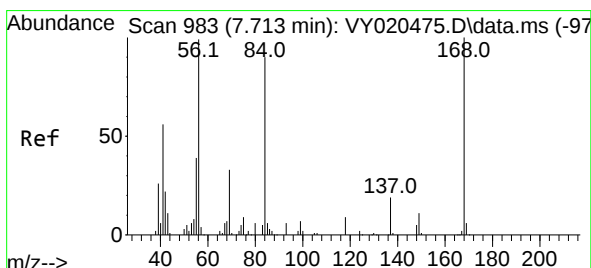
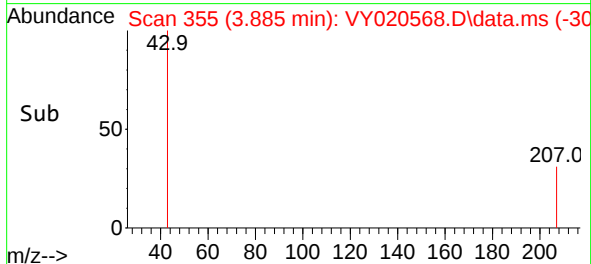
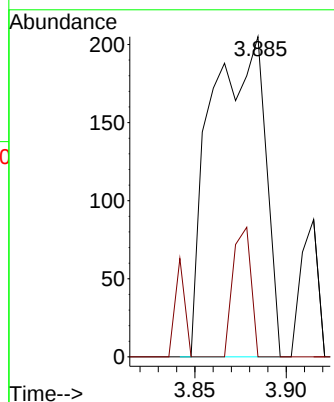
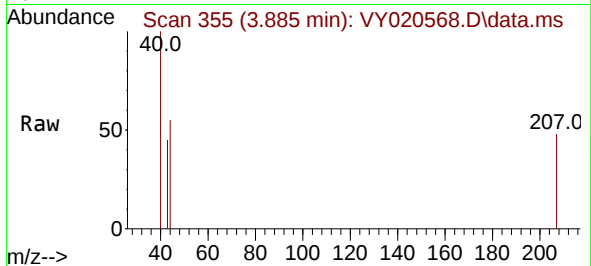




#16
Acetone
Concen: 1.045 ug/l
RT: 3.885 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

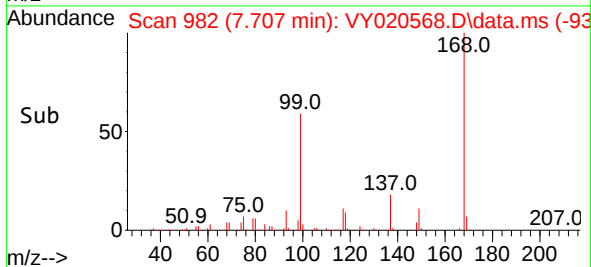
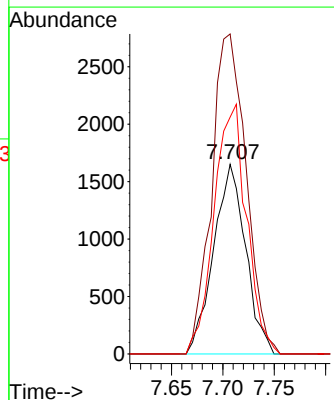
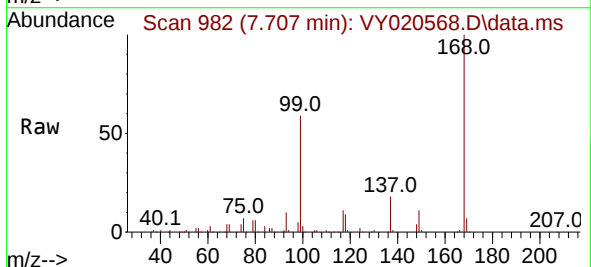
Instrument :
MSVOA_Y
ClientSampleId :

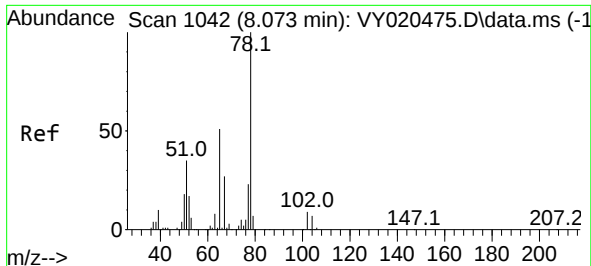
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

Tgt Ion: 56 Resp: 3577
Ion Ratio Lower Upper
56 100
69 168.7 25.3 37.9#
84 124.8 66.9 100.3#

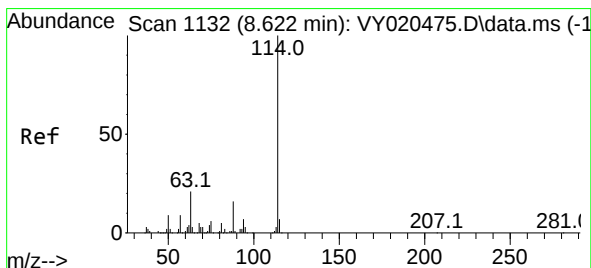
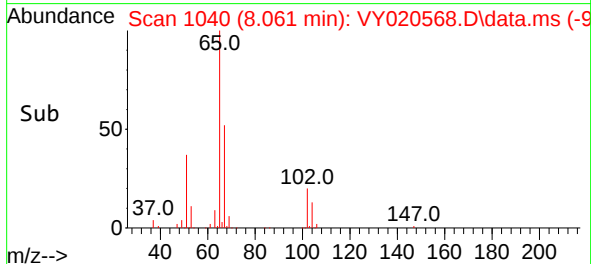
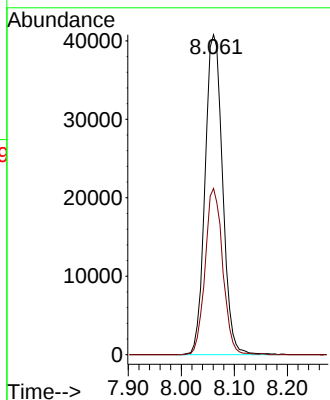
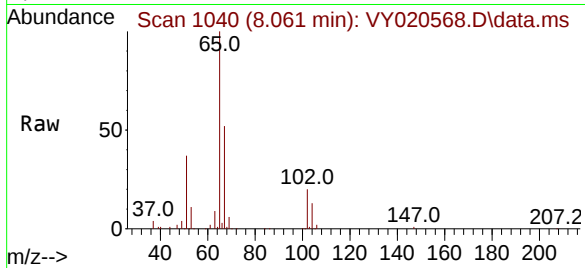




#33
 1,2-Dichloroethane-d4
 Concen: 57.523 ug/l
 RT: 8.061 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY020568.D
 Acq: 10 Dec 2024 15:00

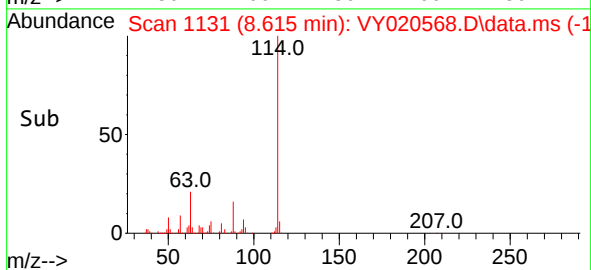
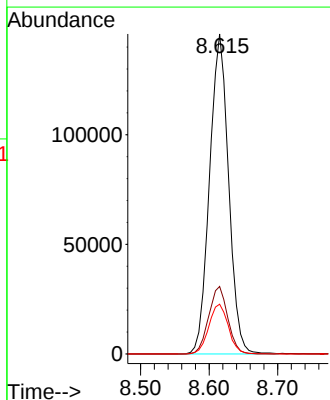
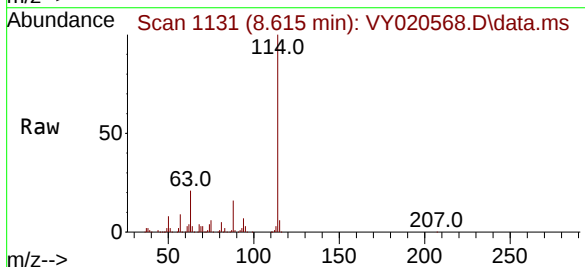
Instrument :
 MSVOA_Y
 ClientSampleId :

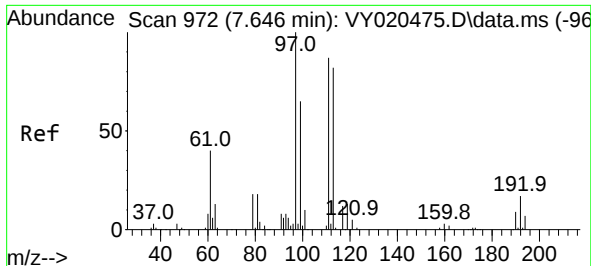
Tgt Ion: 65 Resp: 93688
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY020568.D
 Acq: 10 Dec 2024 15:00

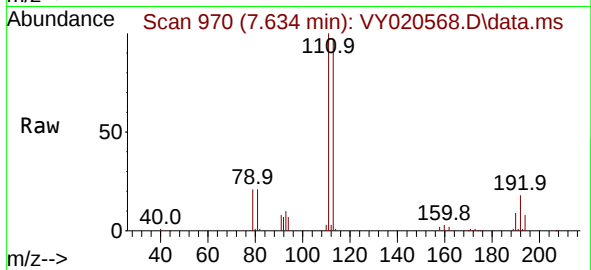
Tgt Ion: 114 Resp: 281427
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 44.8
 88 15.6 0.0 32.0



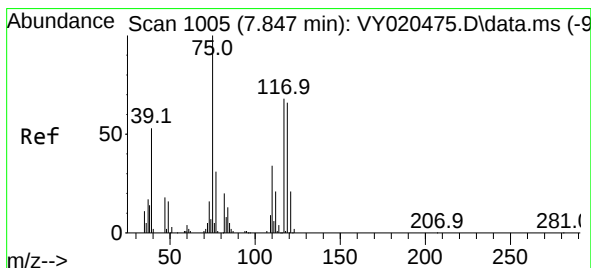
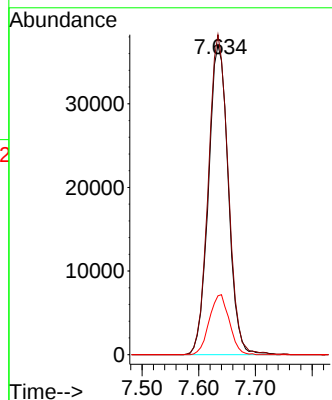
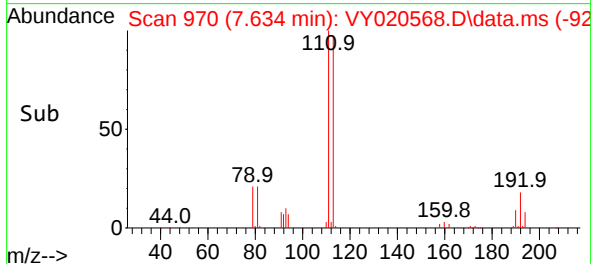


#35
Dibromofluoromethane
Concen: 50.688 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

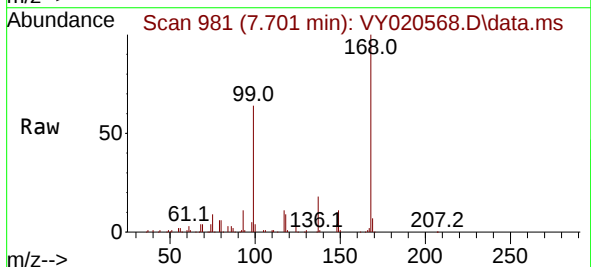
Instrument :
MSVOA_Y
ClientSampleId :



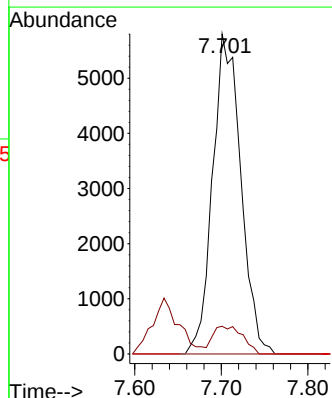
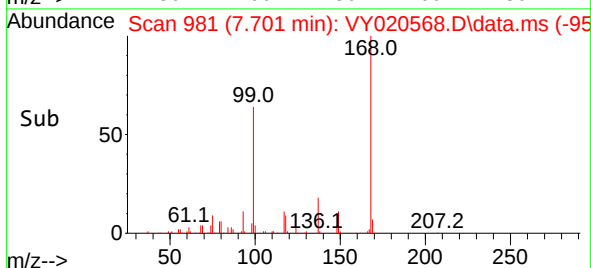
Tgt Ion:113 Resp: 89804
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 19.6 15.1 22.7

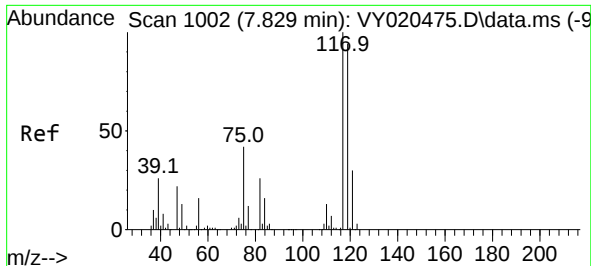


#36
1,1-Dichloropropene
Concen: 4.371 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.147 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00



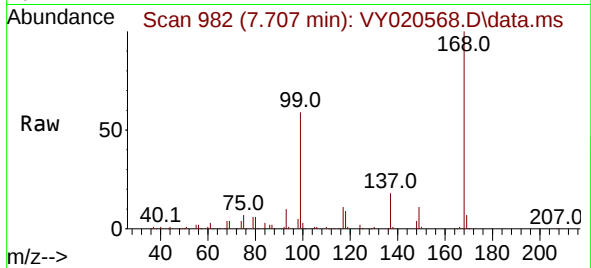
Tgt Ion: 75 Resp: 13078
Ion Ratio Lower Upper
75 100
110 9.1 16.7 50.0#
77 0.0 24.6 36.8#



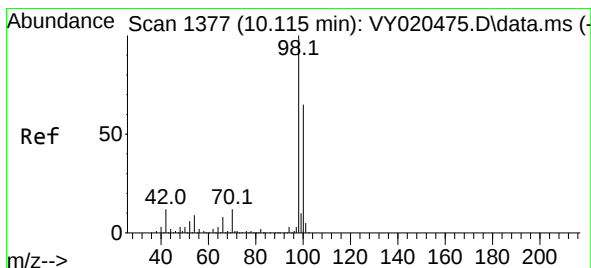
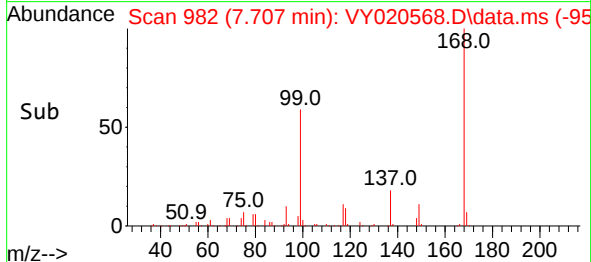
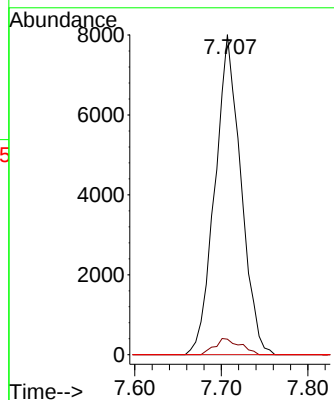


#38
Carbon Tetrachloride
Concen: 4.662 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

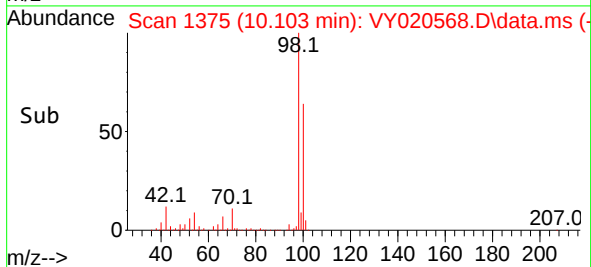
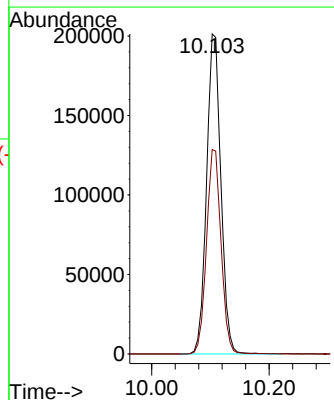
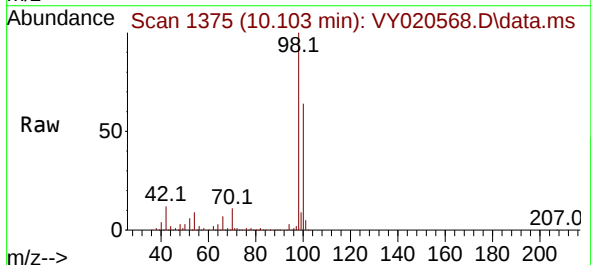


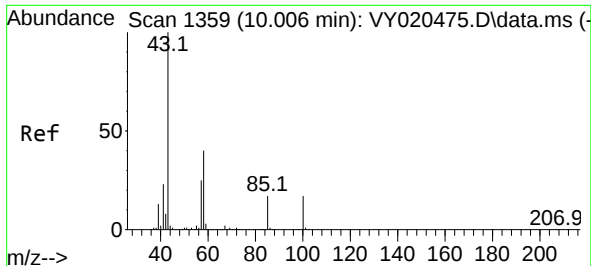
Tgt Ion:117 Resp: 16646
Ion Ratio Lower Upper
117 100
119 4.8 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.529 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

Tgt Ion: 98 Resp: 340888
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9

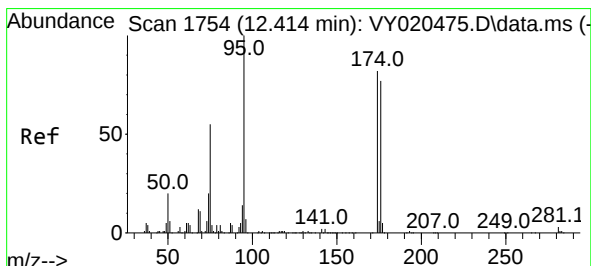
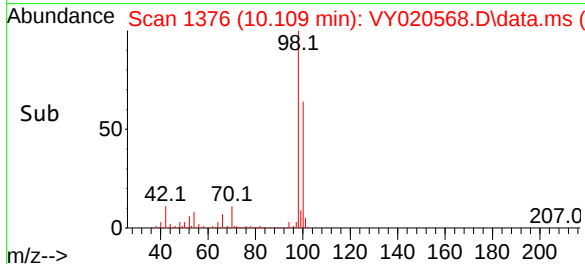
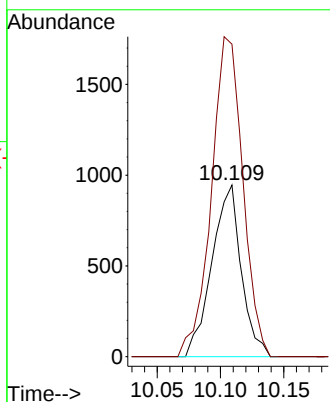
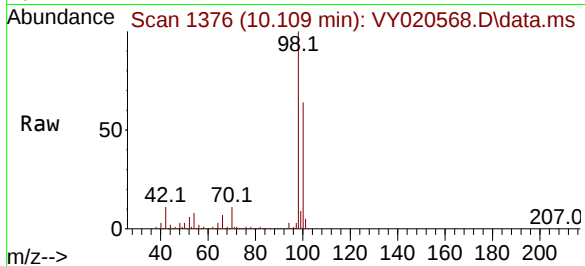




#51
4-Methyl-2-Pentanone
Concen: 1.289 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

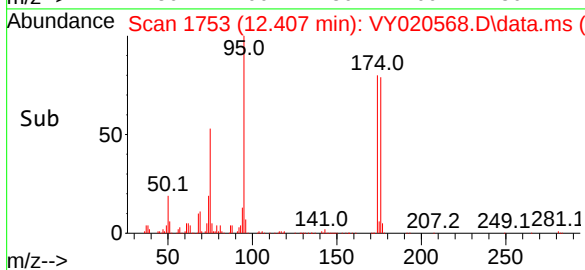
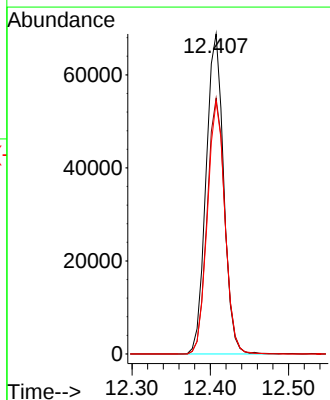
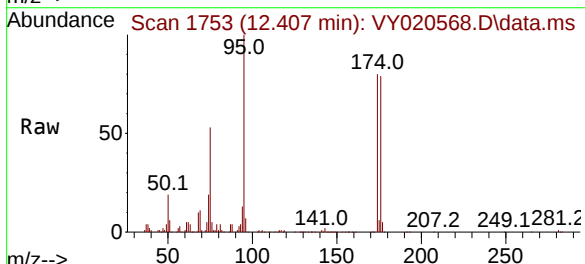
Instrument :
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ClientSampleId :

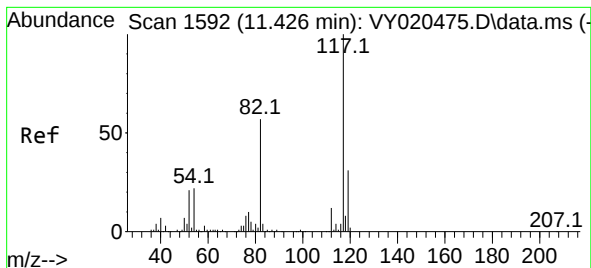
Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
58 200.1 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 45.373 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

Tgt Ion: 95 Resp: 107059
Ion Ratio Lower Upper
95 100
174 80.7 0.0 156.8
176 78.6 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020568.D

Acq: 10 Dec 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

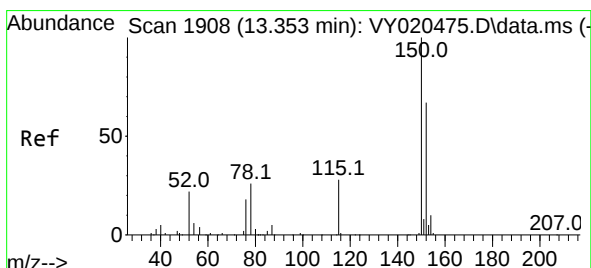
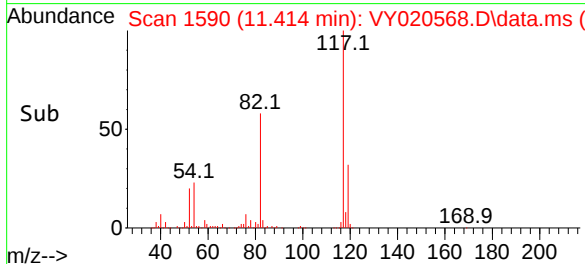
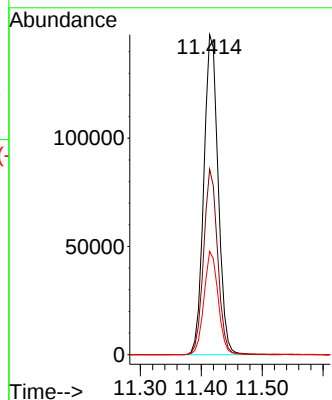
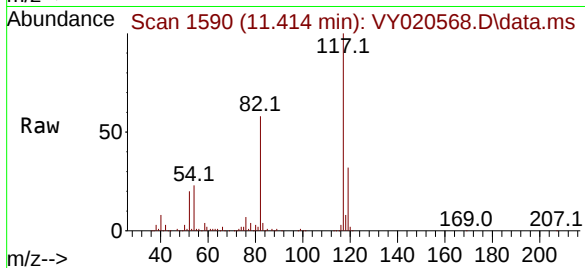
Tgt Ion:117 Resp: 242390

Ion Ratio Lower Upper

117 100

82 58.0 48.2 72.4

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020568.D

Acq: 10 Dec 2024 15:00

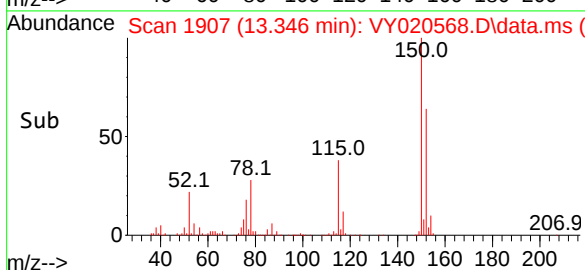
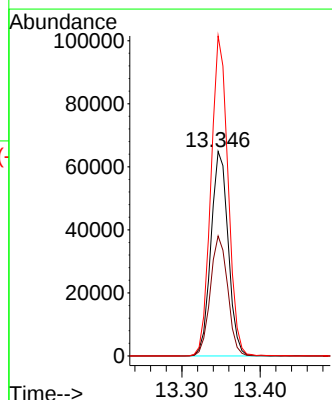
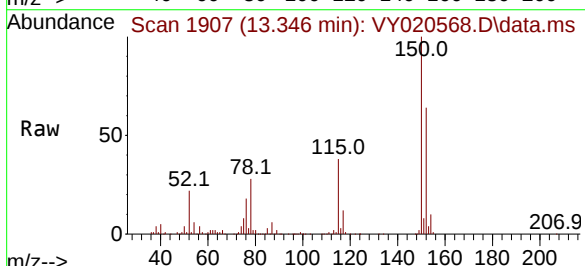
Tgt Ion:152 Resp: 99007

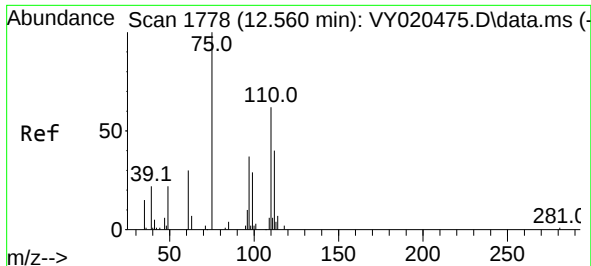
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 155.1 0.0 348.2

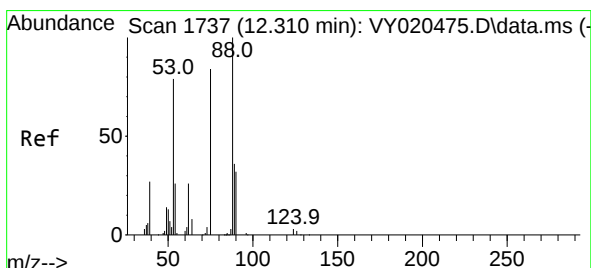
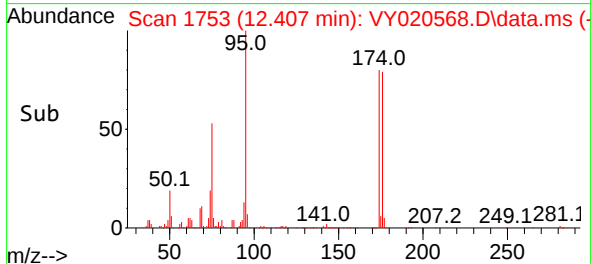
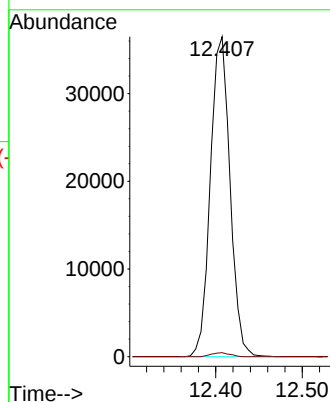
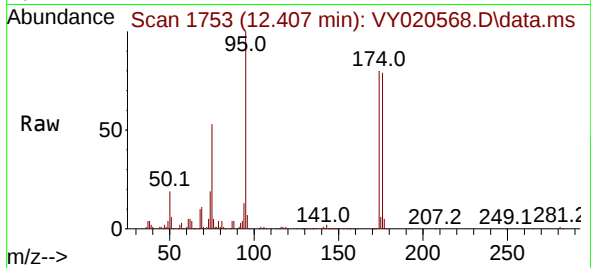




#76
1,2,3-Trichloropropane
Concen: 57.025 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 57514
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.007 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

Tgt Ion: 75 Resp: 57514
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

