

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020727.D
 Acq On : 26 Dec 2024 19:12
 Operator : SY/MD
 Sample : P5382-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 00:37:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

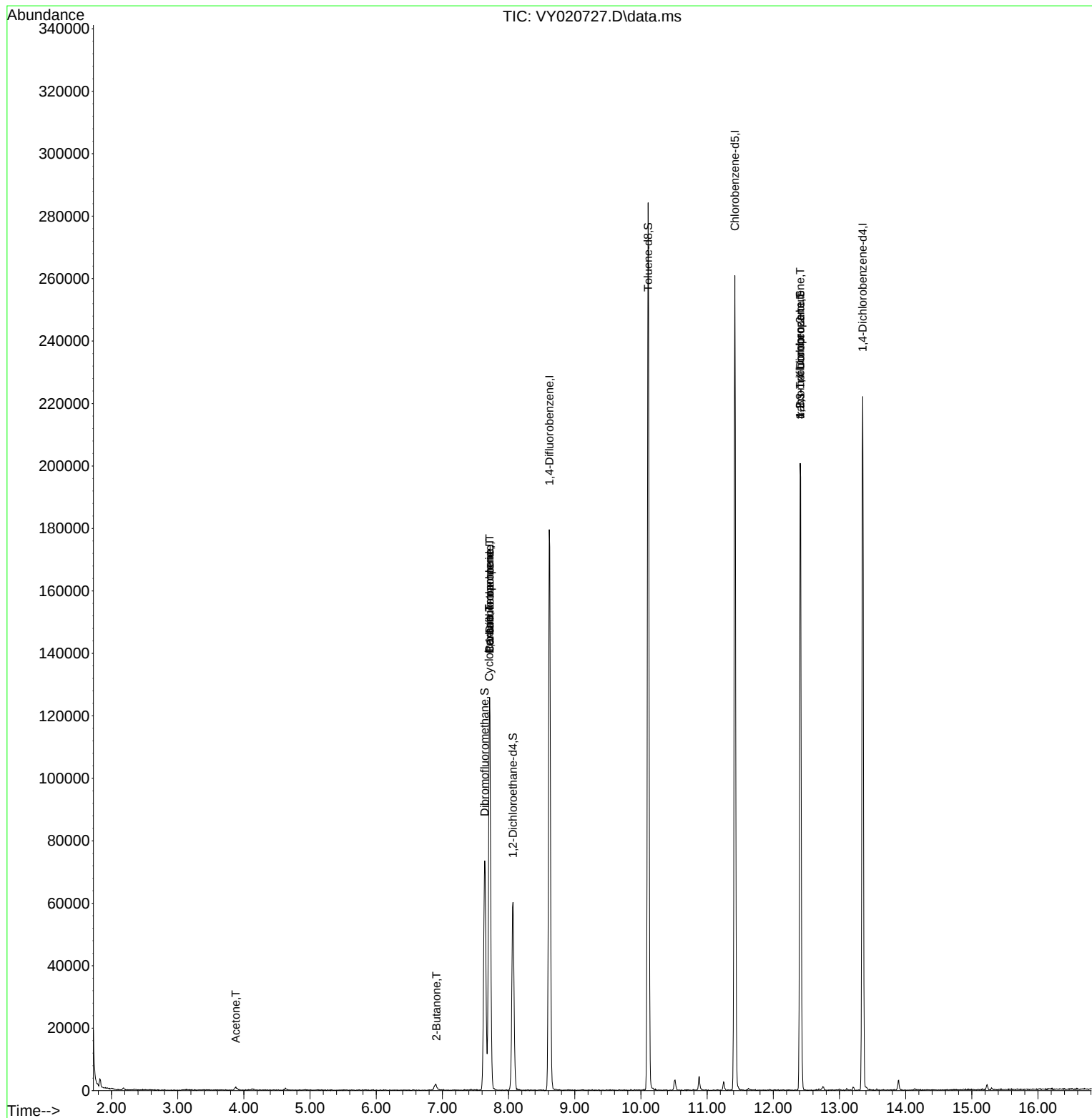
Internal Standards						
1) Pentafluorobenzene	7.713	168	97104	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	158398	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	137952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	58207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52177	65.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.200%	
35) Dibromofluoromethane	7.640	113	50831	58.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.520%	
50) Toluene-d8	10.109	98	184287	53.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.020%	
62) 4-Bromofluorobenzene	12.407	95	58794	50.707	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.420%	
Target Compounds						
					Qvalue	
16) Acetone	3.878	43	1591	15.768	ug/l #	55
25) 2-Butanone	6.908	43	330	2.421	ug/l #	38
31) Cyclohexane	7.707	56	1816	1.777	ug/l #	30
36) 1,1-Dichloropropene	7.713	75	6900	5.987	ug/l #	51
38) Carbon Tetrachloride	7.713	117	10316	5.436	ug/l #	19
76) 1,2,3-Trichloropropane	12.407	75	32579	88.003	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	32579	173.947	ug/l #	8

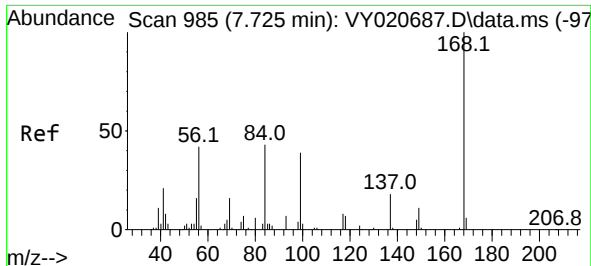
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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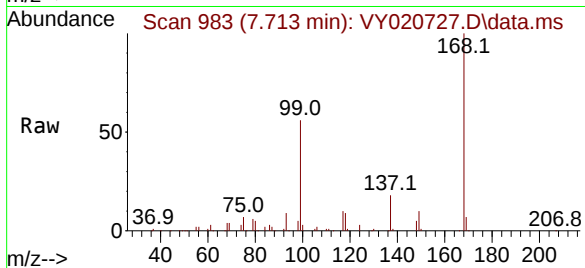
Quant Time: Dec 27 00:37:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration



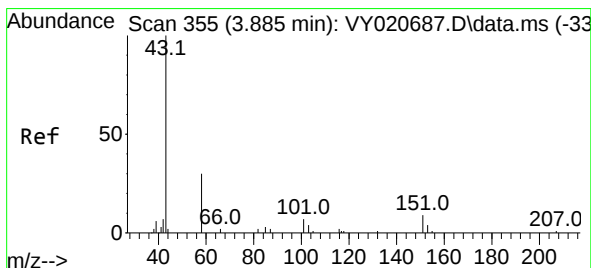
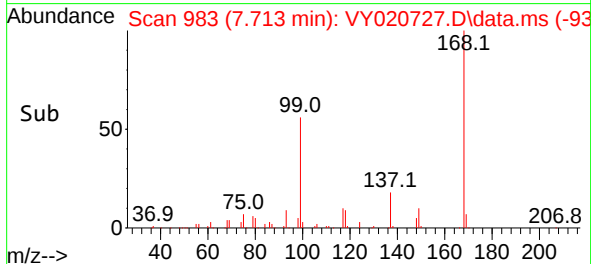
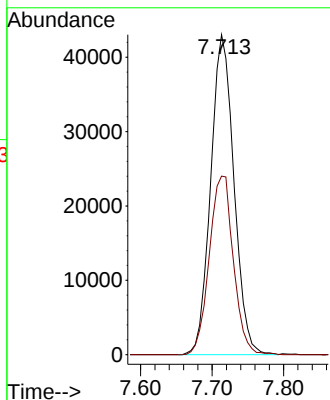


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. -0.012 min
Lab File: VY020727.D
Acq: 26 Dec 2024 19:12

Instrument :
MSVOA_Y
ClientSampleId :

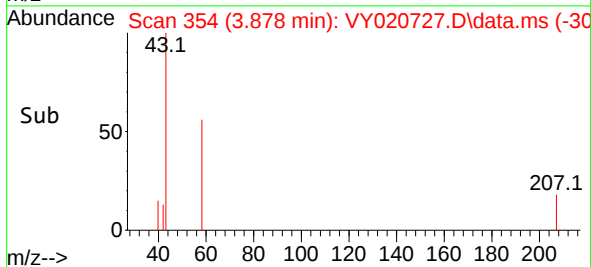
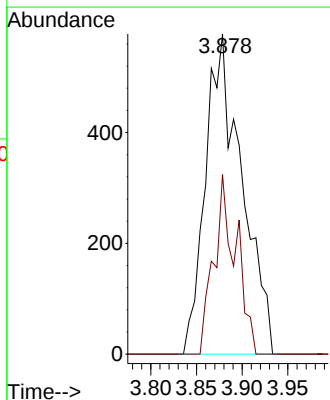
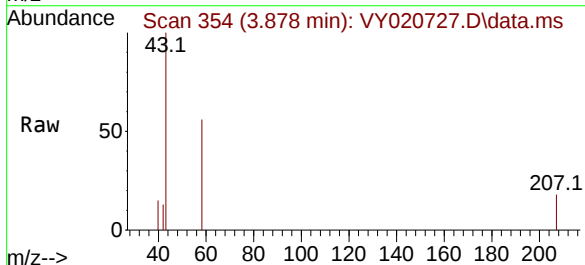


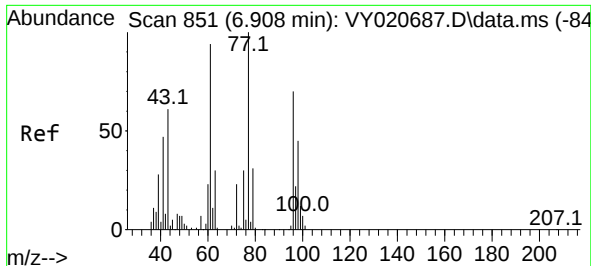
Tgt Ion:168 Resp: 97104
Ion Ratio Lower Upper
168 100
99 55.8 43.8 65.6



#16
Acetone
Concen: 15.768 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.007 min
Lab File: VY020727.D
Acq: 26 Dec 2024 19:12

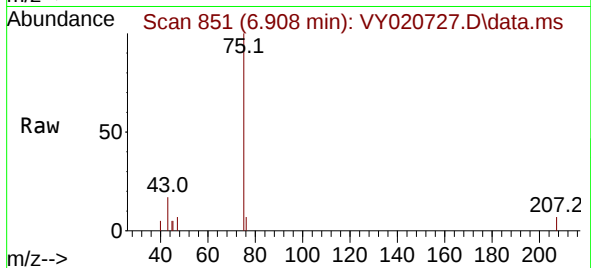
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 56.1 25.0 37.6#



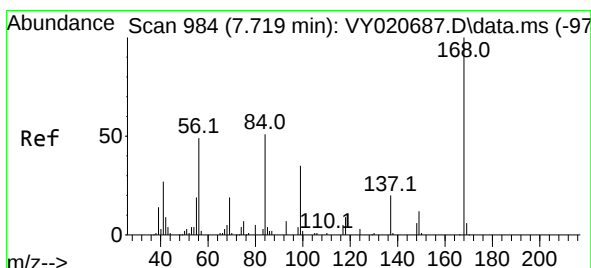
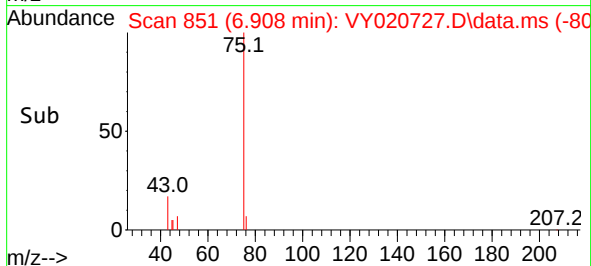
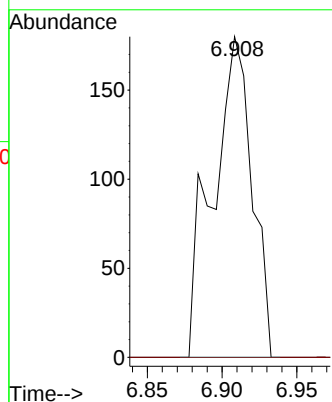


#25
2-Butanone
Concen: 2.421 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020727.D
Acq: 26 Dec 2024 19:12

Instrument :
MSVOA_Y
ClientSampleId :

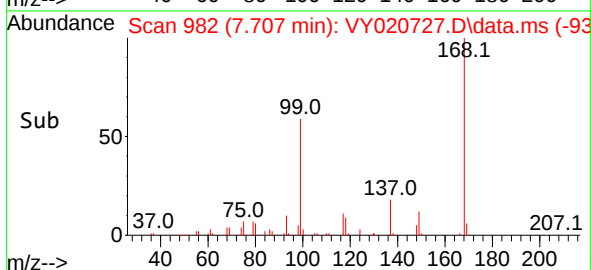
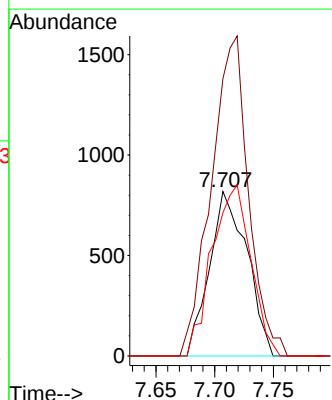
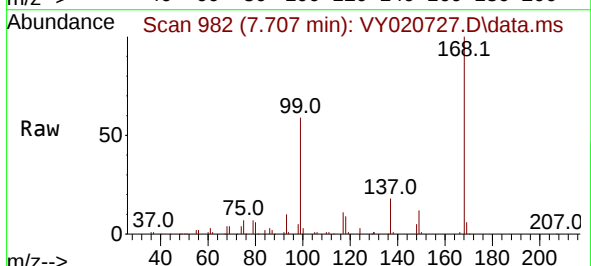


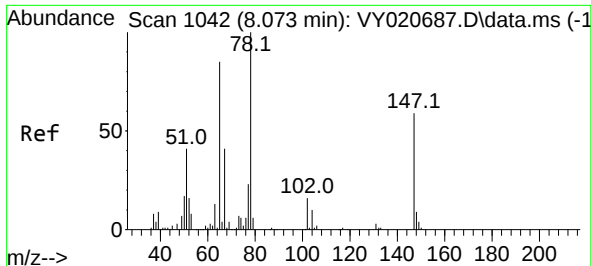
Tgt Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
72 0.0 29.5 44.3#



#31
Cyclohexane
Concen: 1.777 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.012 min
Lab File: VY020727.D
Acq: 26 Dec 2024 19:12

Tgt Ion: 56 Resp: 1816
Ion Ratio Lower Upper
56 100
69 168.5 31.3 46.9#
84 87.1 83.9 125.9





#33

1,2-Dichloroethane-d4

Concen: 65.601 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020727.D

Acq: 26 Dec 2024 19:12

Instrument :

MSVOA_Y

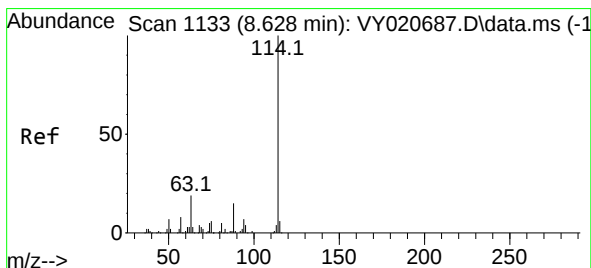
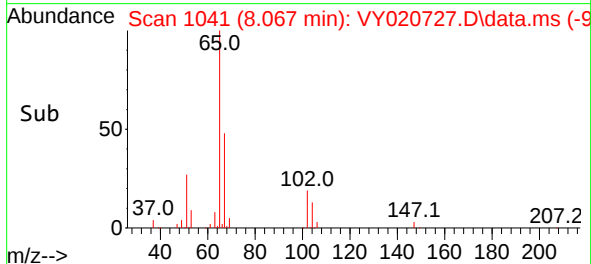
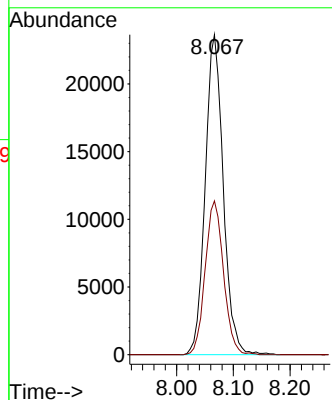
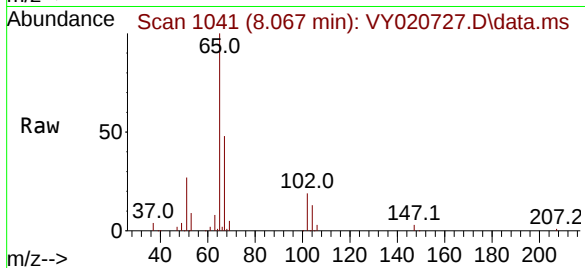
ClientSampleId :

Tgt Ion: 65 Resp: 52177

Ion Ratio Lower Upper

65 100

67 49.0 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.013 min

Lab File: VY020727.D

Acq: 26 Dec 2024 19:12

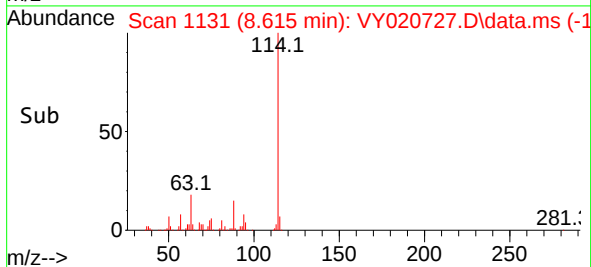
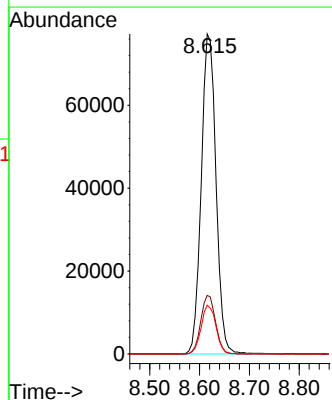
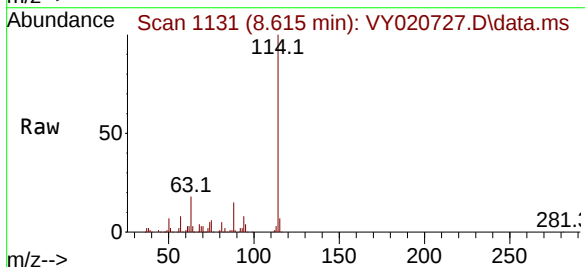
Tgt Ion: 114 Resp: 158398

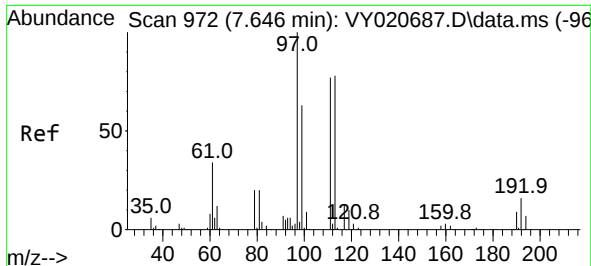
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 58.260 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.006 min

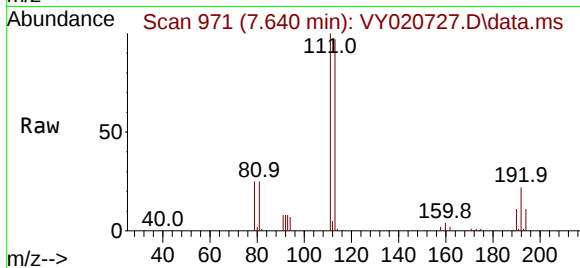
Lab File: VY020727.D

Acq: 26 Dec 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :



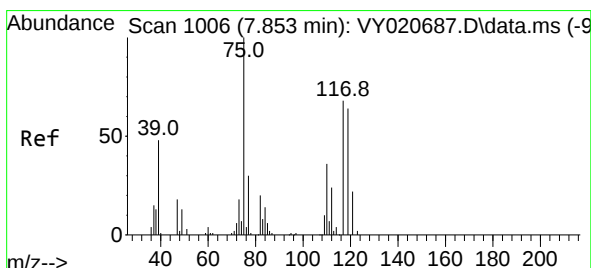
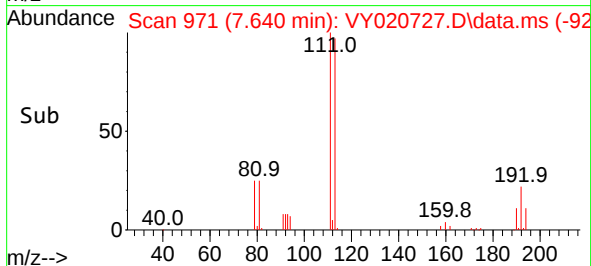
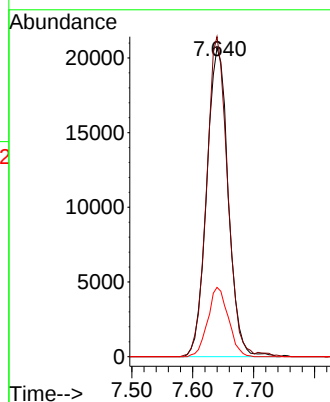
Tgt Ion:113 Resp: 50831

Ion Ratio Lower Upper

113 100

111 101.2 79.8 119.8

192 21.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.987 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.140 min

Lab File: VY020727.D

Acq: 26 Dec 2024 19:12

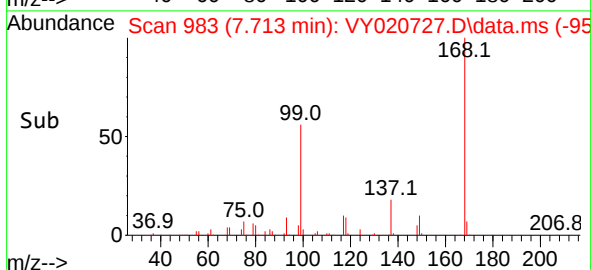
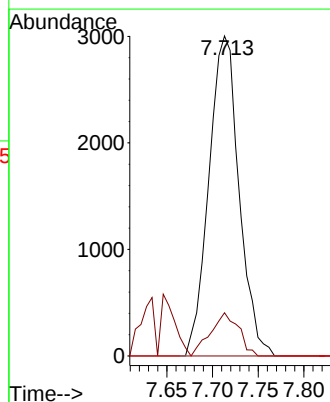
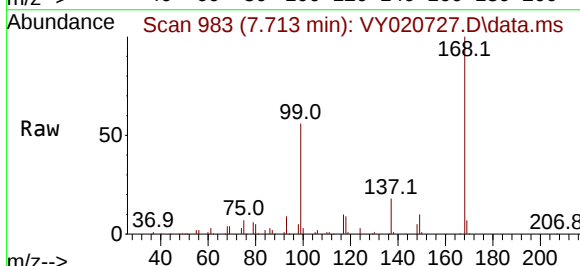
Tgt Ion: 75 Resp: 6900

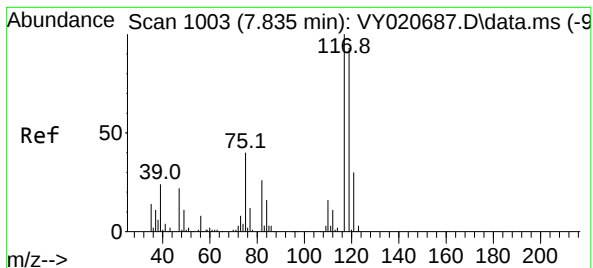
Ion Ratio Lower Upper

75 100

110 12.6 19.6 58.7#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.436 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020727.D

Acq: 26 Dec 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

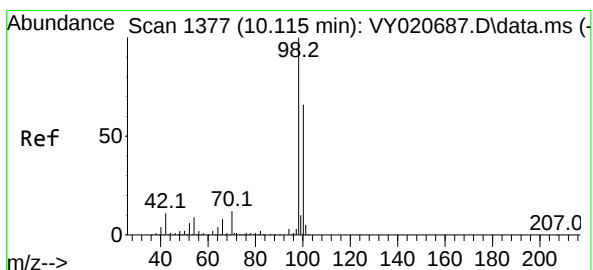
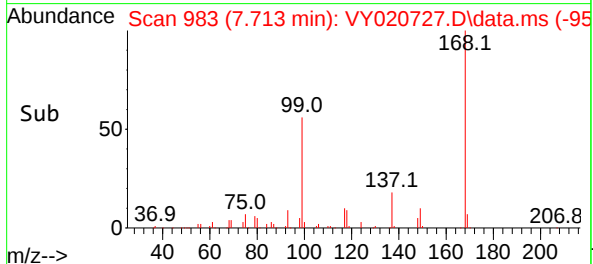
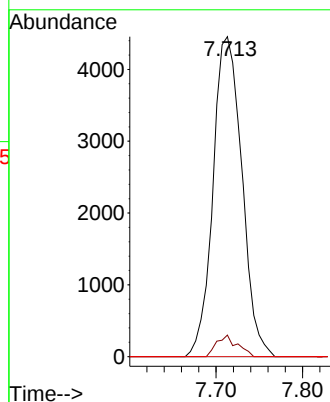
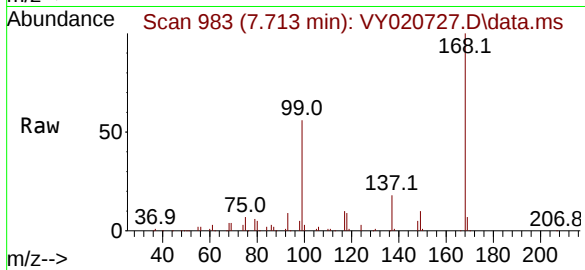
Tgt Ion:117 Resp: 10316

Ion Ratio Lower Upper

117 100

119 6.7 74.4 111.6#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 53.009 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020727.D

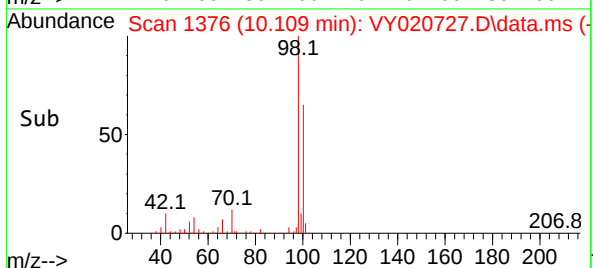
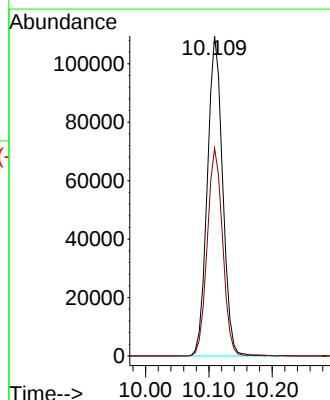
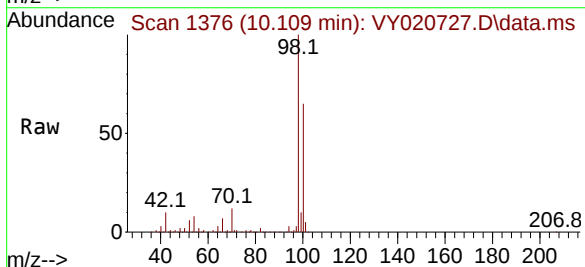
Acq: 26 Dec 2024 19:12

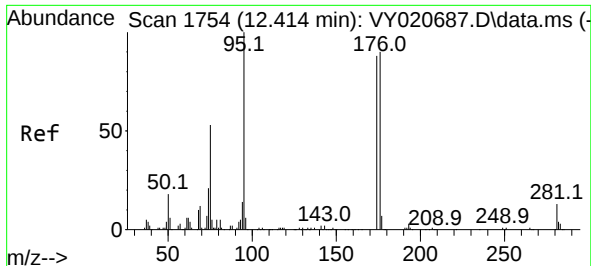
Tgt Ion: 98 Resp: 184287

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 50.707 ug/l

RT: 12.407 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY020727.D

Acq: 26 Dec 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

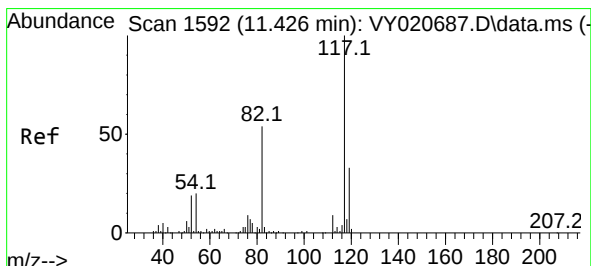
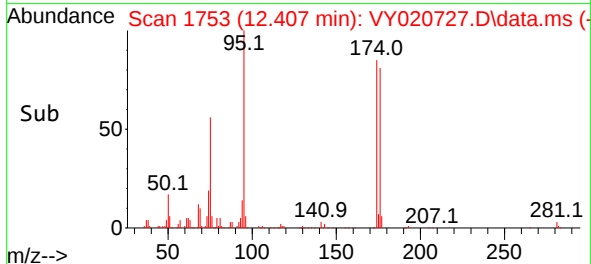
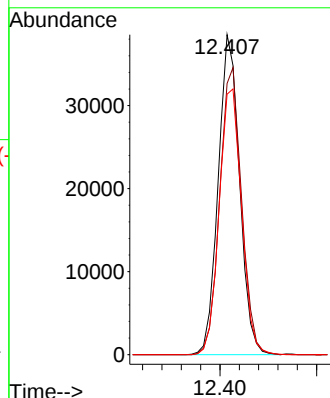
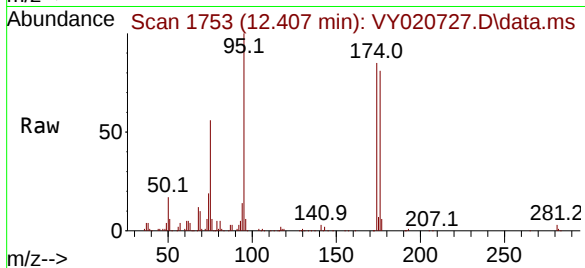
Tgt Ion: 95 Resp: 58794

Ion Ratio Lower Upper

95 100

174 92.0 0.0 179.2

176 87.6 0.0 179.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020727.D

Acq: 26 Dec 2024 19:12

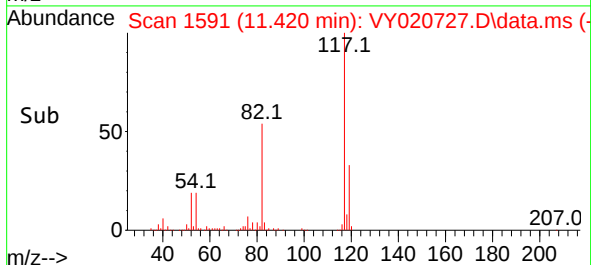
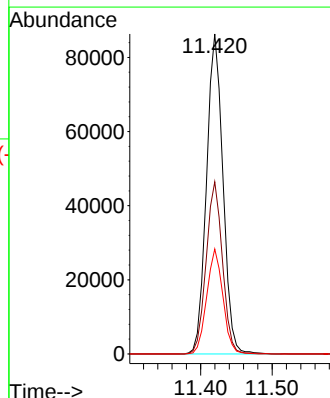
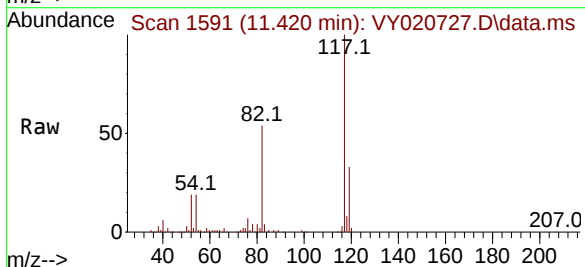
Tgt Ion: 117 Resp: 137952

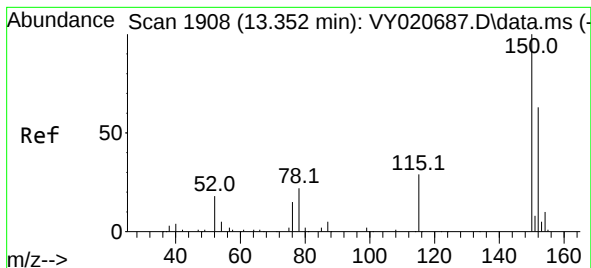
Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.2

119 32.8 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020727.D

Acq: 26 Dec 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

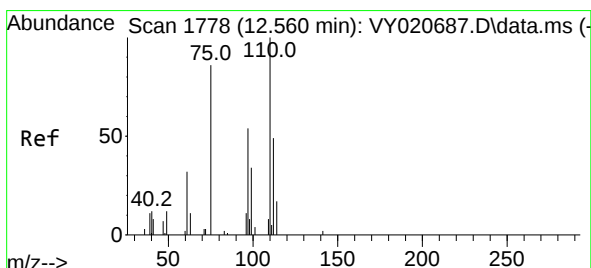
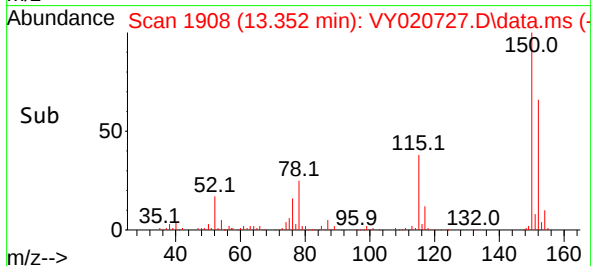
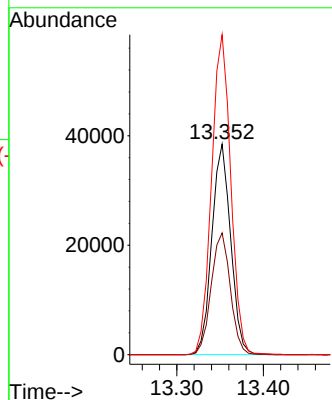
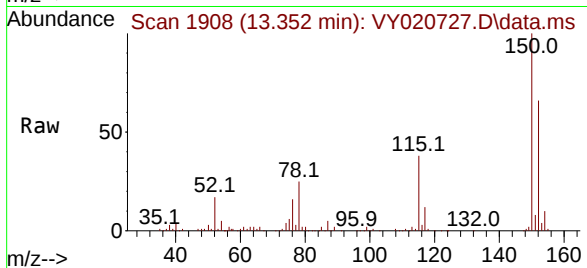
Tgt Ion:152 Resp: 58207

Ion Ratio Lower Upper

152 100

115 58.8 30.3 90.9

150 154.7 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 88.003 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY020727.D

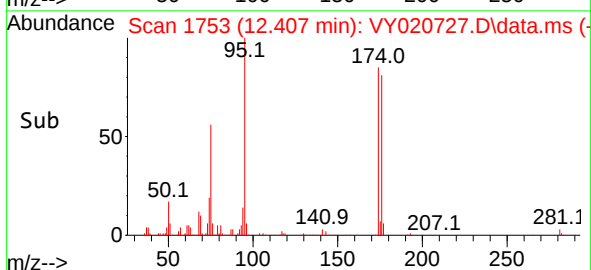
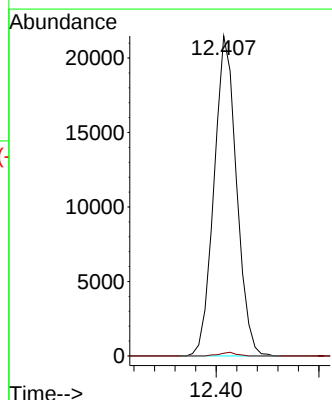
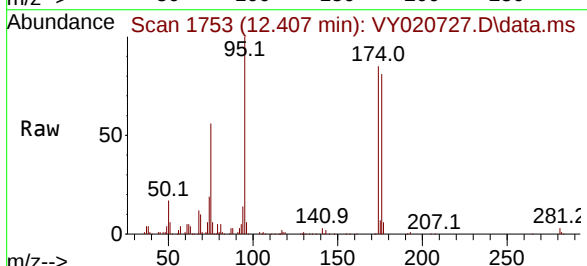
Acq: 26 Dec 2024 19:12

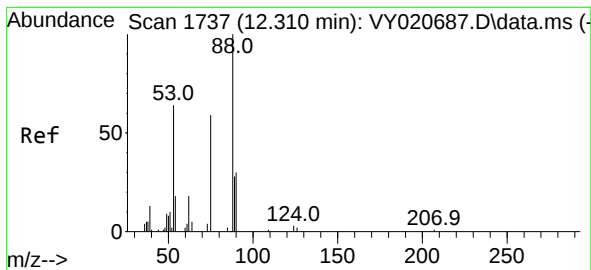
Tgt Ion: 75 Resp: 32579

Ion Ratio Lower Upper

75 100

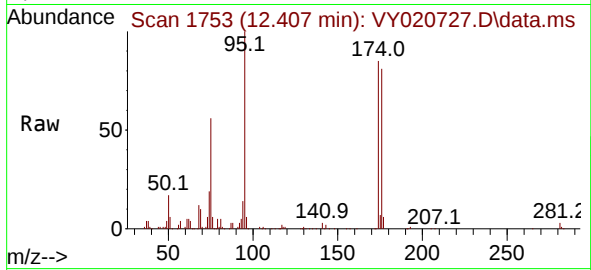
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 173.947 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY020727.D
 Acq: 26 Dec 2024 19:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 32579
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.1 124.7#
 89 0.0 40.6 61.0#

