

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020556.D
 Acq On : 09 Dec 2024 15:40
 Operator : SY/MD
 Sample : P5216-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 04:01:59 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)

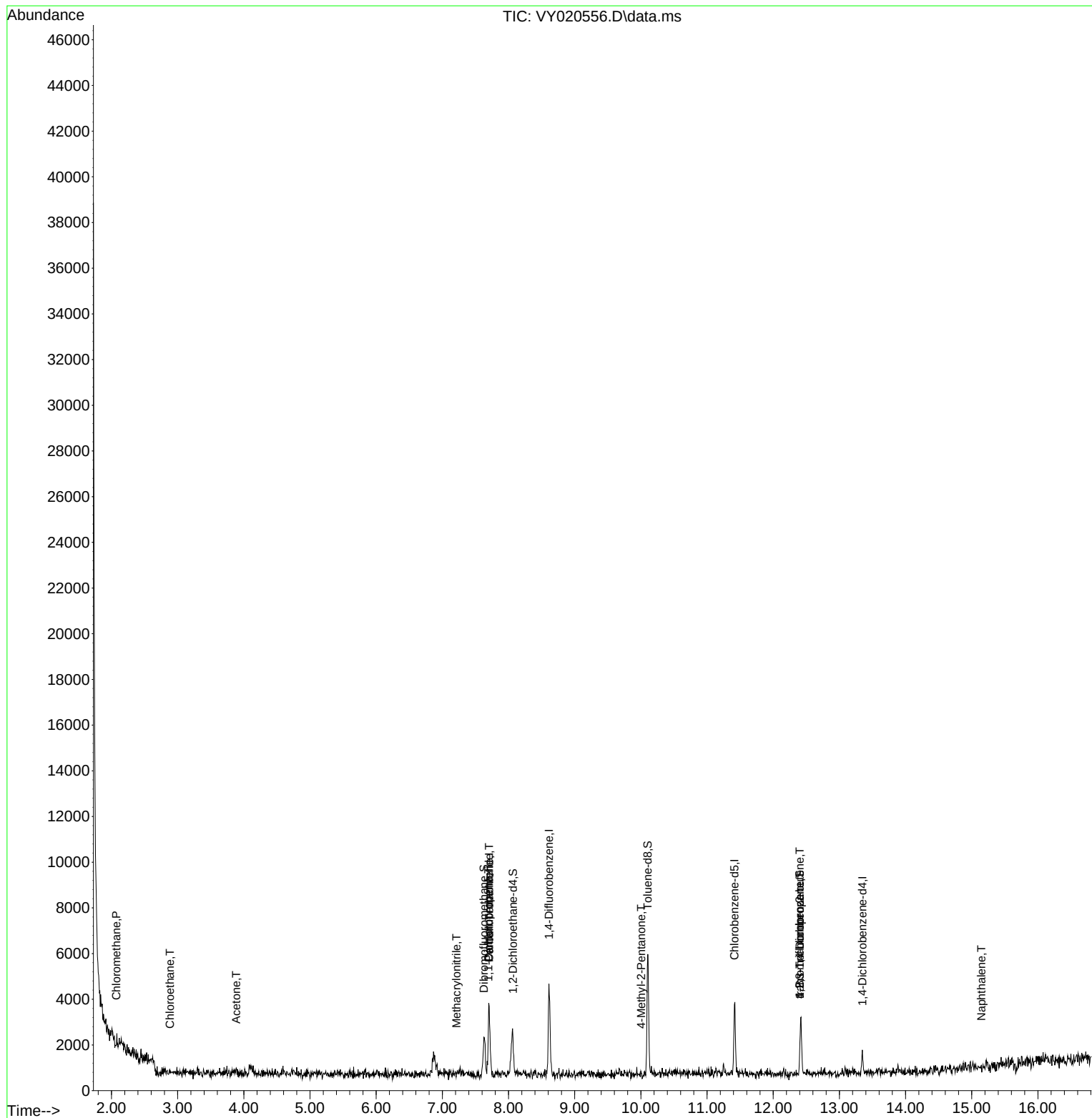
Internal Standards						
1) Pentafluorobenzene	7.707	168	2732	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.609	114	4033	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	1876	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1348	48.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.040%
35) Dibromofluoromethane	7.628	113	1253	49.351	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.103	98	4157	42.998	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.000%
62) 4-Bromofluorobenzene	12.401	95	382	11.297	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	22.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	41	1.520	ug/l #	41
6) Chloroethane	2.885	64	19	1.127	ug/l #	43
16) Acetone	3.885	43	159	23.015	ug/l #	43
36) 1,1-Dichloropropene	7.695	75	93	2.169	ug/l #	43
38) Carbon Tetrachloride	7.707	117	262	5.120	ug/l #	11
41) Methacrylonitrile	7.213	41	30	3.107	ug/l #	22
51) 4-Methyl-2-Pentanone	10.006	43	30	1.771	ug/l #	36
76) 1,2,3-Trichloropropane	12.401	75	196	65.667	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	196	134.739	ug/l #	9
95) Naphthalene	15.145	128	25	2.861	ug/l #	69

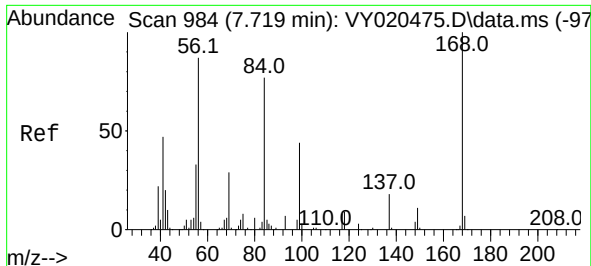
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY120924\
Data File : VY020556.D
Acq On : 09 Dec 2024 15:40
Operator : SY/MD
Sample : P5216-11
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Dec 10 04:01:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

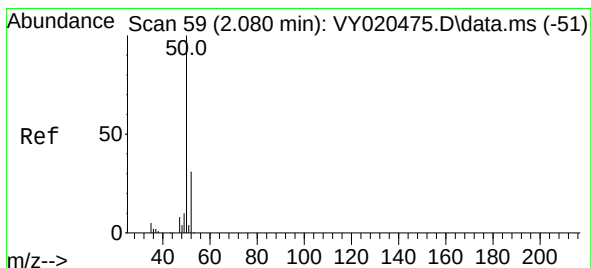
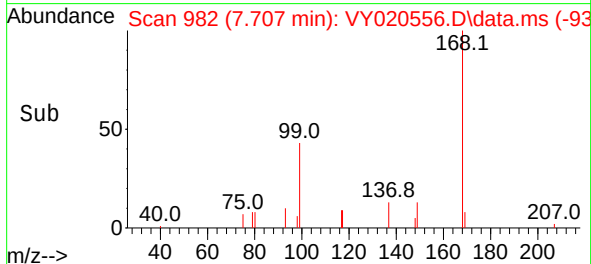
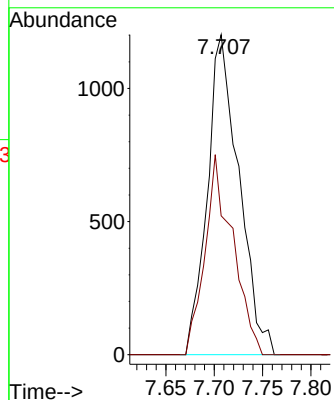
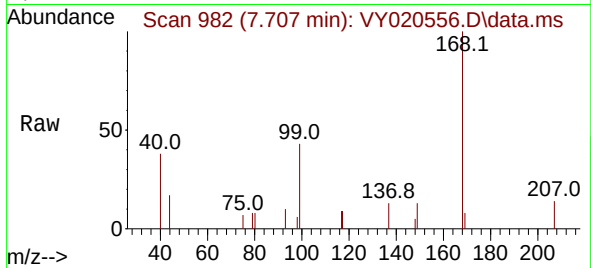




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40

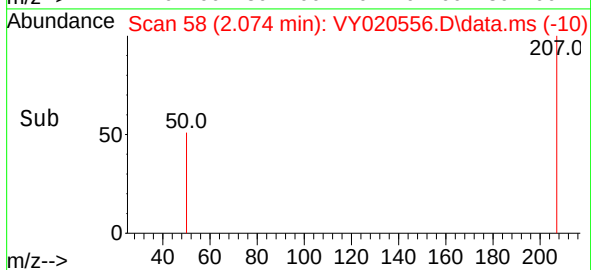
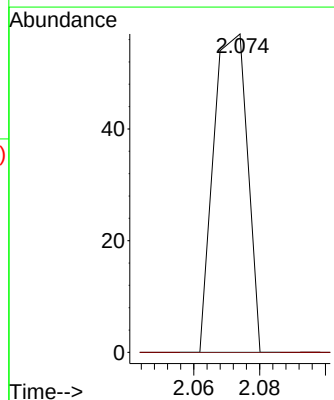
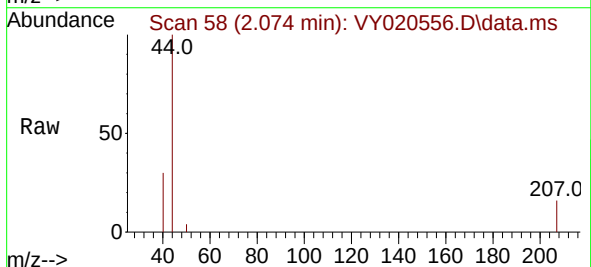
Instrument :
MSVOA_Y
ClientSampleId :

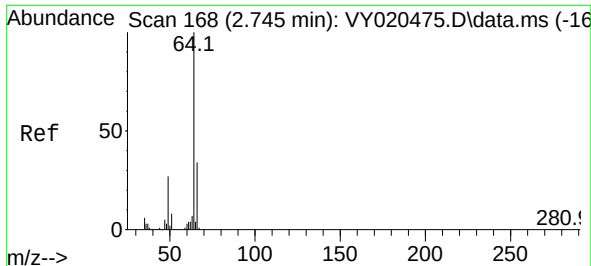
Tgt Ion:168 Resp: 2732
Ion Ratio Lower Upper
168 100
99 43.4 46.6 69.8#



#3
Chloromethane
Concen: 1.520 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40

Tgt Ion: 50 Resp: 41
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

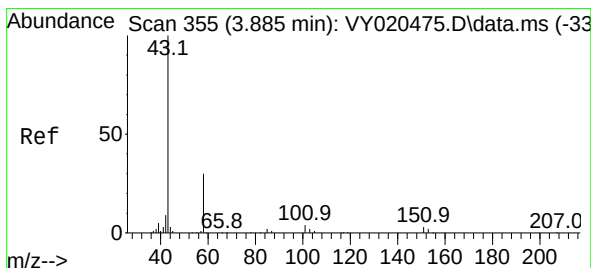
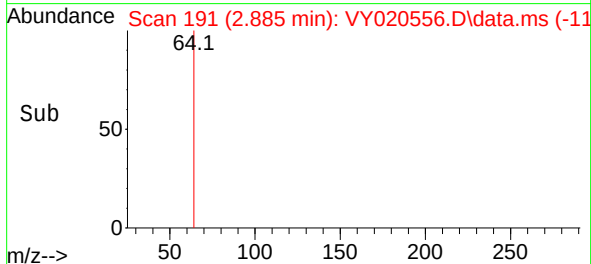
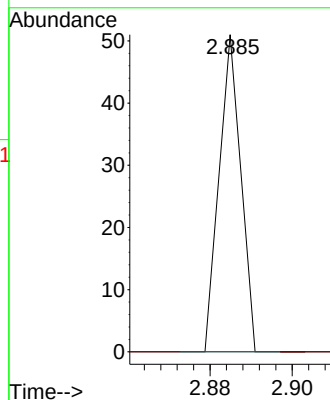
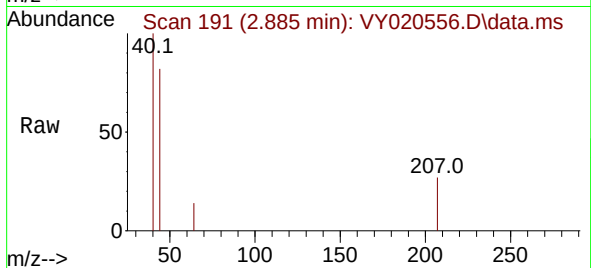




#6
Chloroethane
Concen: 1.127 ug/l
RT: 2.885 min Scan# 19
Delta R.T. 0.140 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40

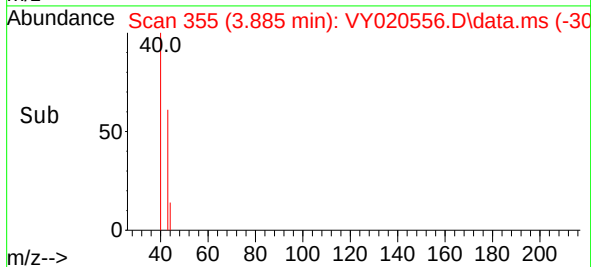
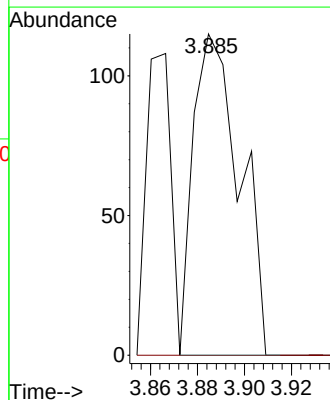
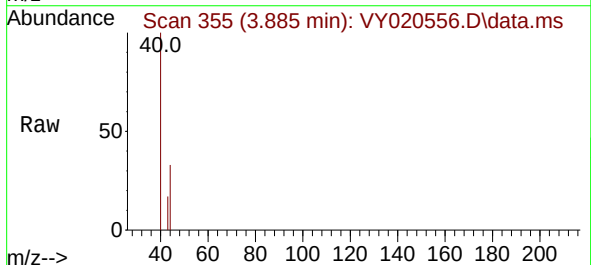
Instrument :
MSVOA_Y
ClientSampleId :

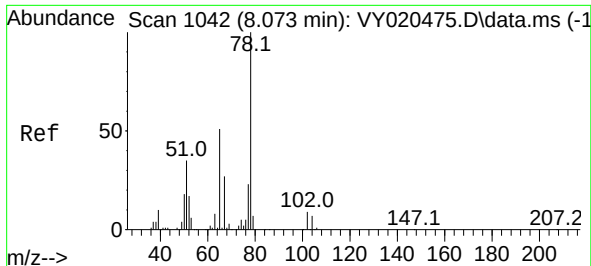
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#16
Acetone
Concen: 23.015 ug/l
RT: 3.885 min Scan# 355
Delta R.T. -0.000 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40

Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 48.516 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

Instrument :

MSVOA_Y

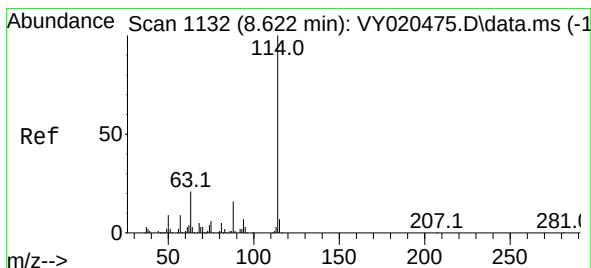
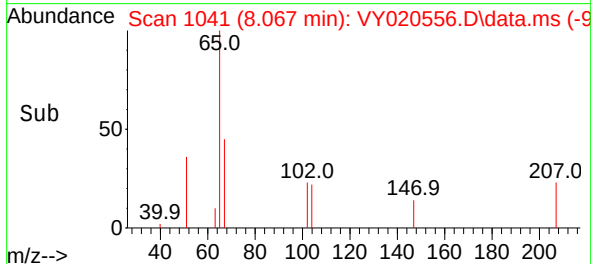
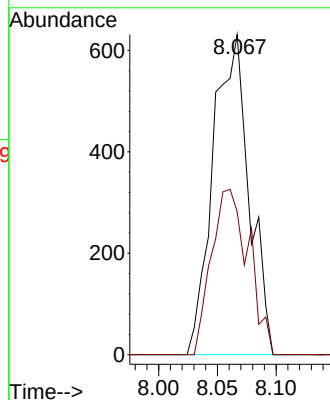
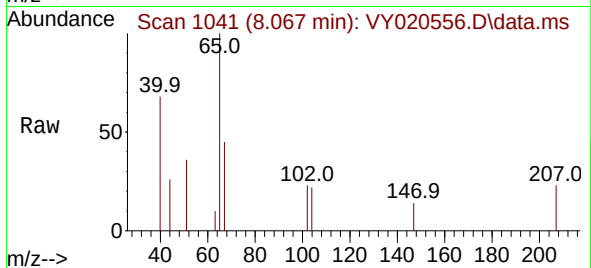
ClientSampleId :

Tgt Ion: 65 Resp: 1348

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

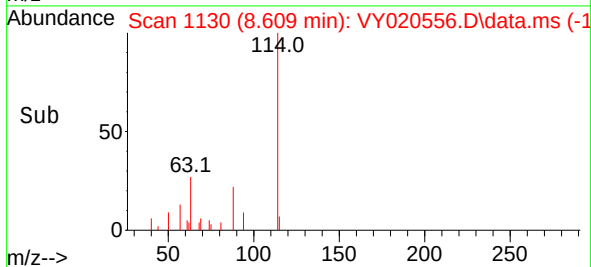
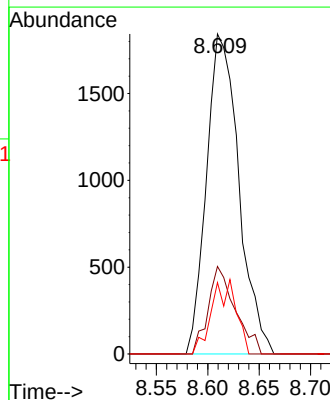
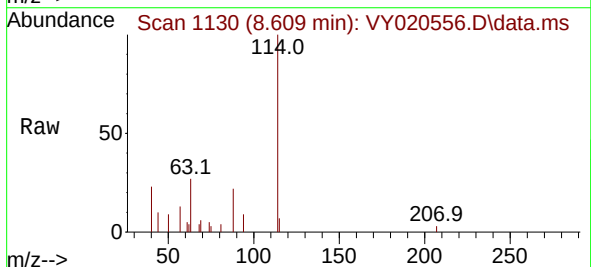
Tgt Ion:114 Resp: 4033

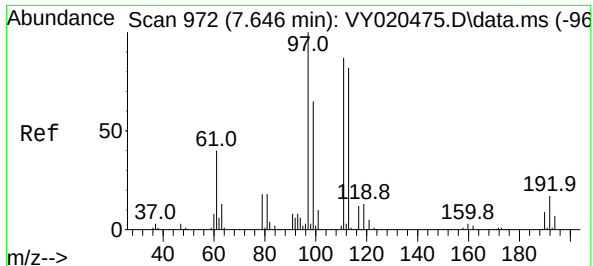
Ion Ratio Lower Upper

114 100

63 27.3 0.0 44.8

88 22.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.351 ug/l

RT: 7.628 min Scan# 90

Delta R.T. -0.018 min

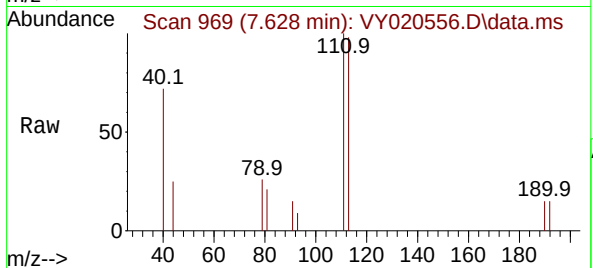
Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :



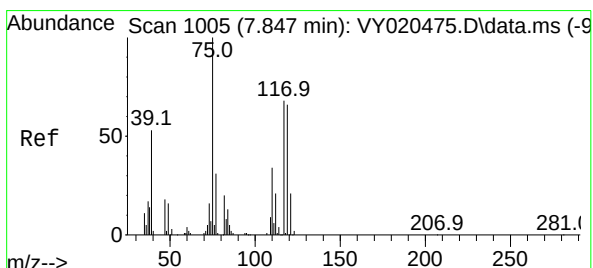
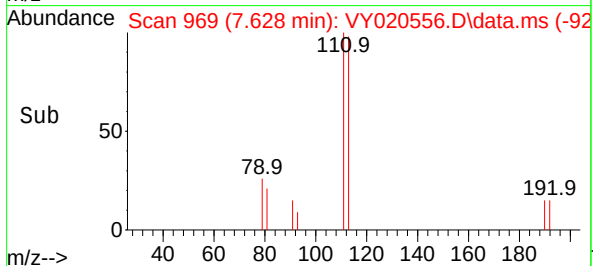
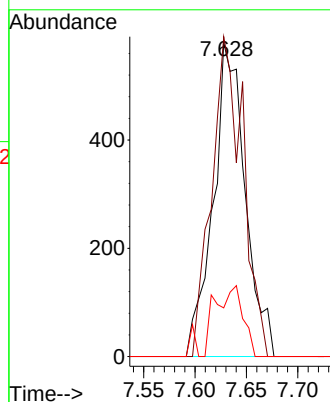
Tgt Ion:113 Resp: 1253

Ion Ratio Lower Upper

113 100

111 100.4 81.4 122.0

192 19.6 15.1 22.7



#36

1,1-Dichloropropene

Concen: 2.169 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.152 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

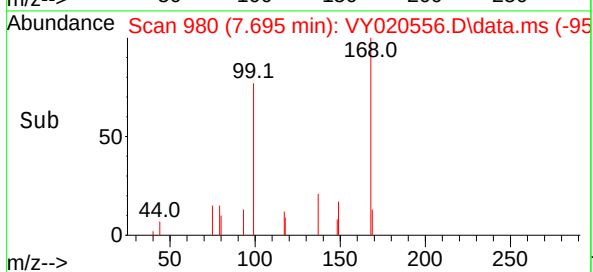
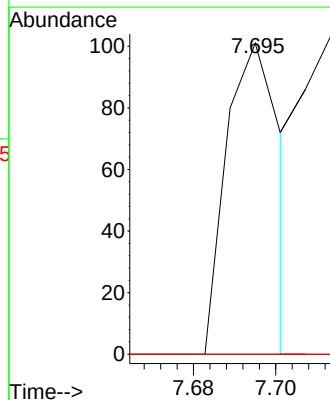
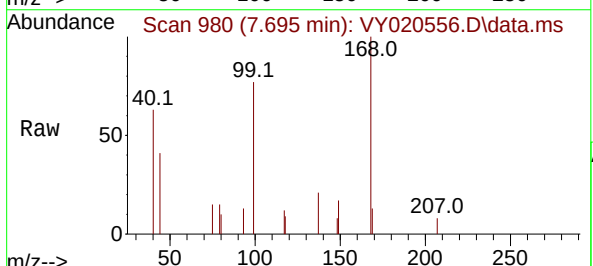
Tgt Ion: 75 Resp: 93

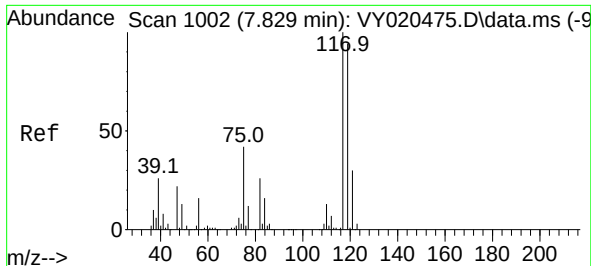
Ion Ratio Lower Upper

75 100

110 0.0 16.7 50.0#

77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.120 ug/l

RT: 7.707 min Scan# 901

Delta R.T. -0.122 min

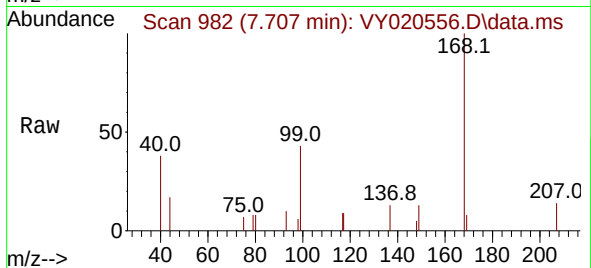
Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

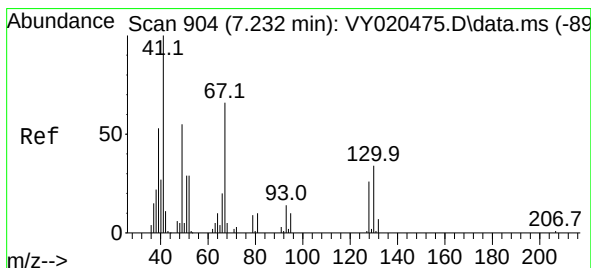
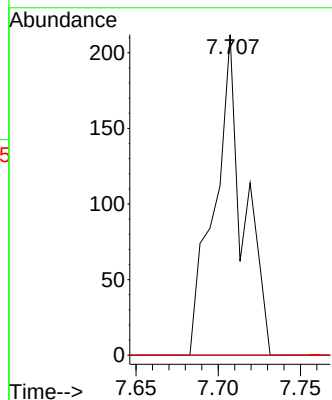
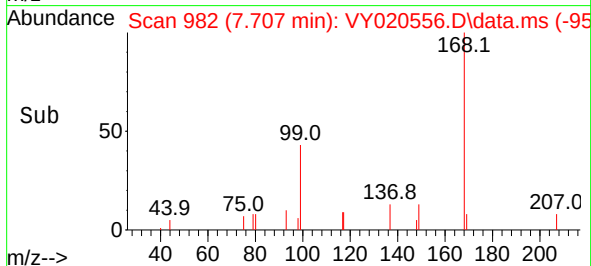
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	262
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.8	116.6#
121	0.0	24.6	37.0#



#41

Methacrylonitrile

Concen: 3.107 ug/l

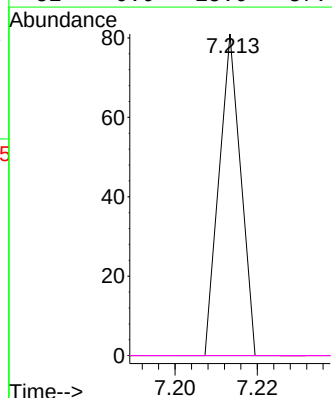
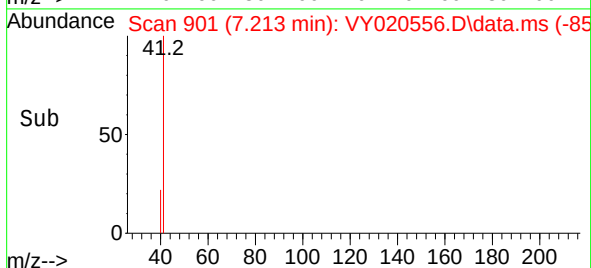
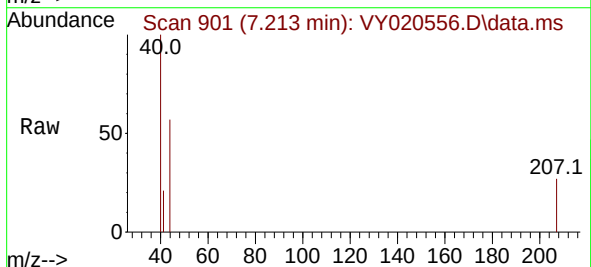
RT: 7.213 min Scan# 901

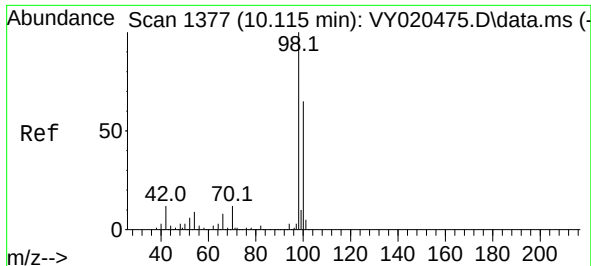
Delta R.T. -0.018 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

Tgt Ion:	41	Resp:	30
Ion	Ratio	Lower	Upper
41	100		
39	0.0	49.0	73.4#
67	0.0	57.1	85.7#
52	0.0	25.0	37.4#





#50

Toluene-d8

Concen: 42.998 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

Instrument :

MSVOA_Y

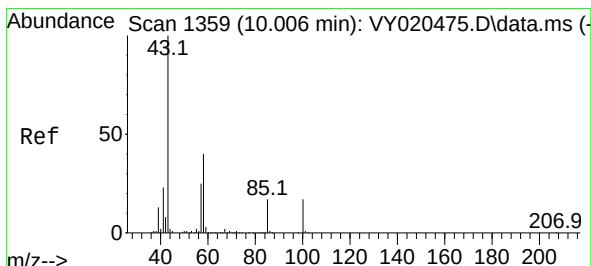
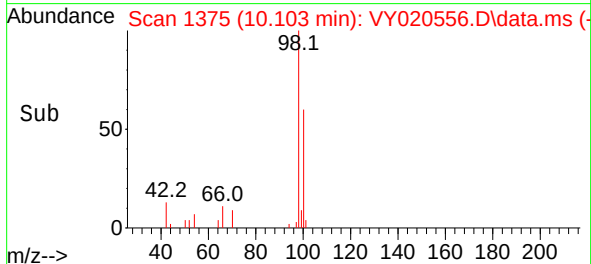
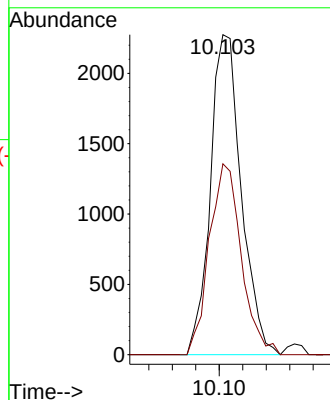
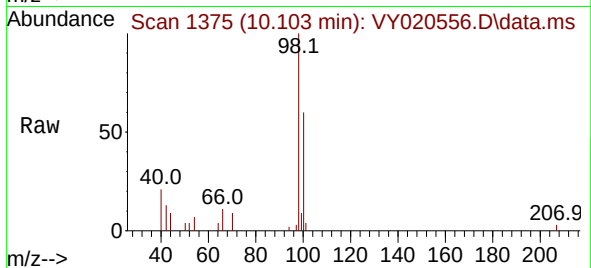
ClientSampleId :

Tgt Ion: 98 Resp: 4157

Ion Ratio Lower Upper

98 100

100 61.8 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.771 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VY020556.D

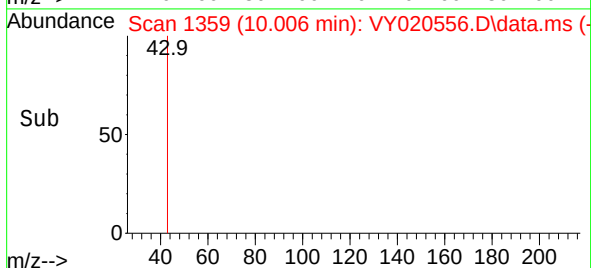
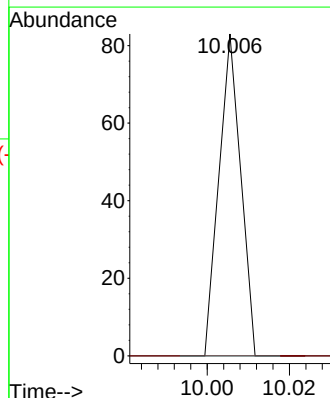
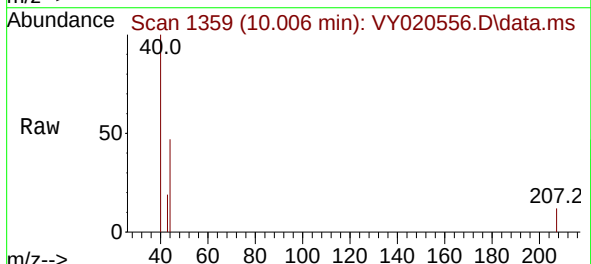
Acq: 09 Dec 2024 15:40

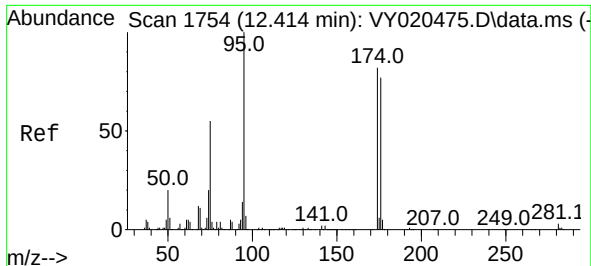
Tgt Ion: 43 Resp: 30

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 11.297 ug/l

RT: 12.401 min Scan# 1

Delta R.T. -0.012 min

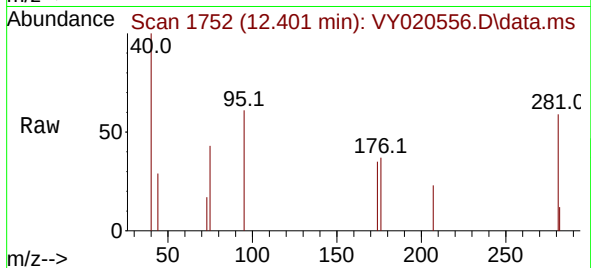
Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :



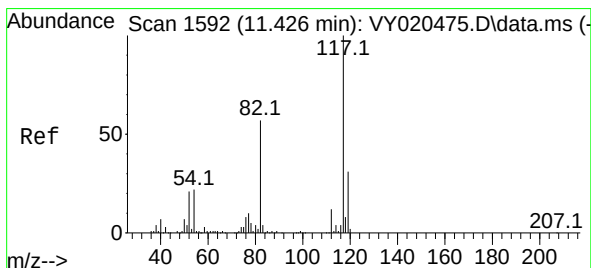
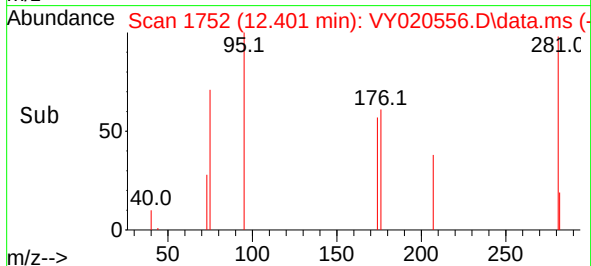
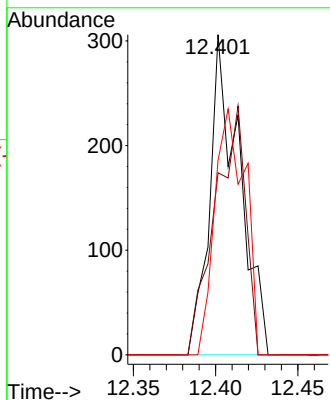
Tgt Ion: 95 Resp: 382

Ion Ratio Lower Upper

95 100

174 80.6 0.0 156.8

176 79.3 0.0 152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.012 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

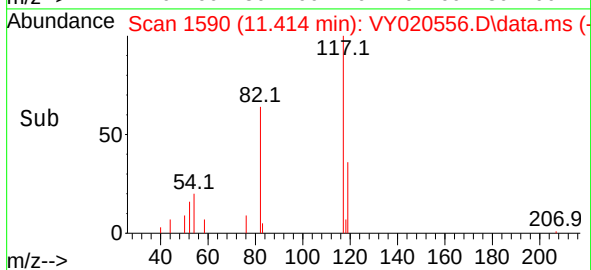
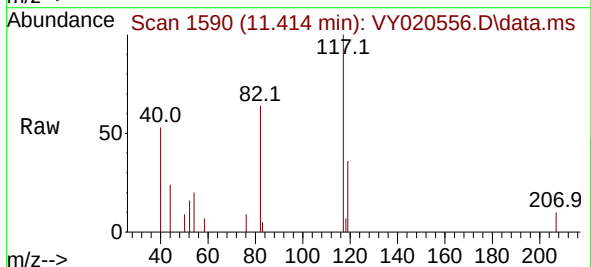
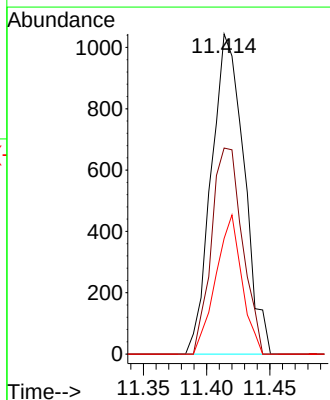
Tgt Ion: 117 Resp: 1876

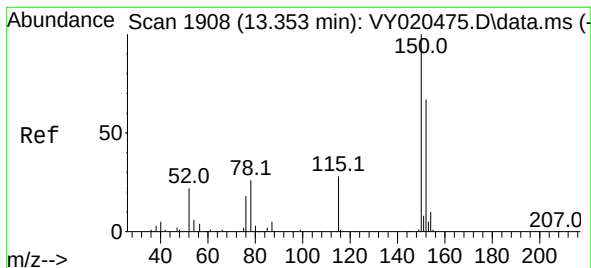
Ion Ratio Lower Upper

117 100

82 64.4 48.2 72.4

119 36.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1

Delta R.T. -0.006 min

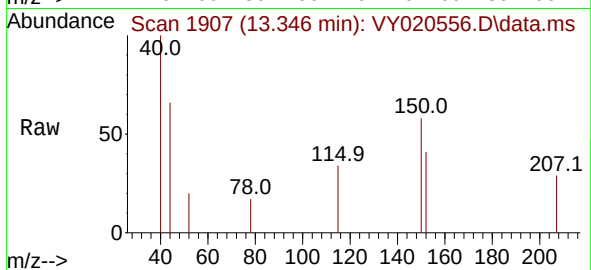
Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :



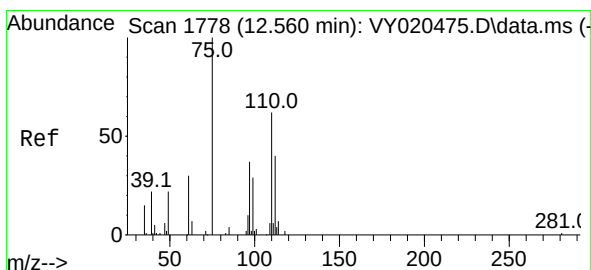
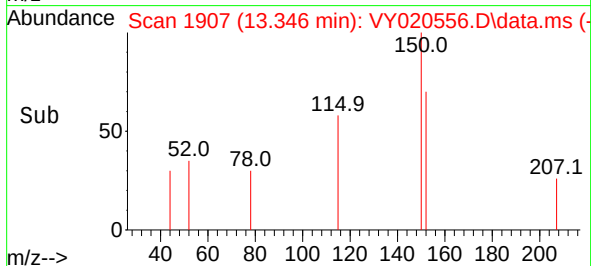
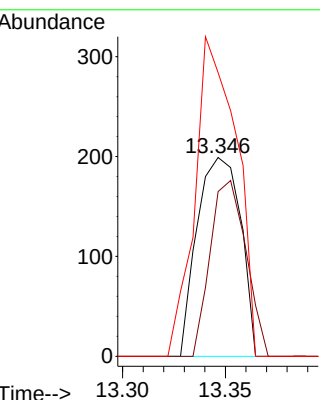
Tgt Ion:152 Resp: 293

Ion Ratio Lower Upper

152 100

115 73.0 30.0 90.0

150 152.9 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 65.667 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.159 min

Lab File: VY020556.D

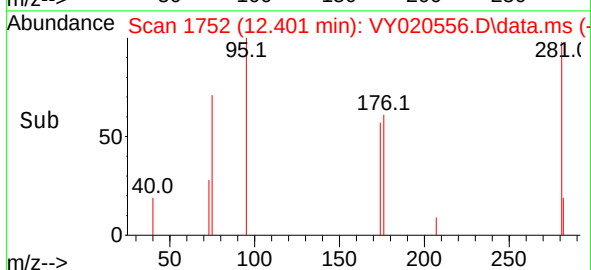
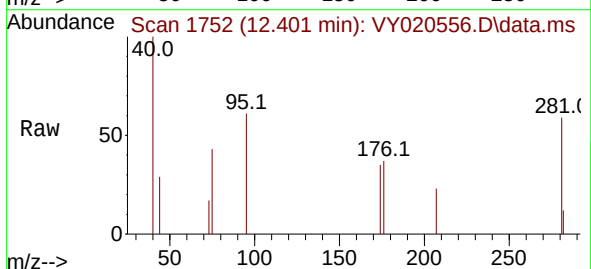
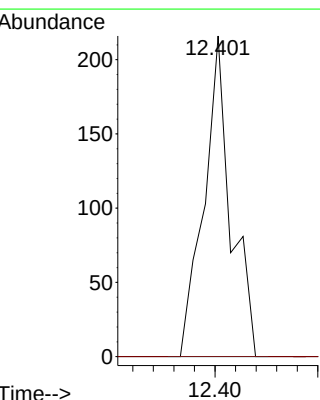
Acq: 09 Dec 2024 15:40

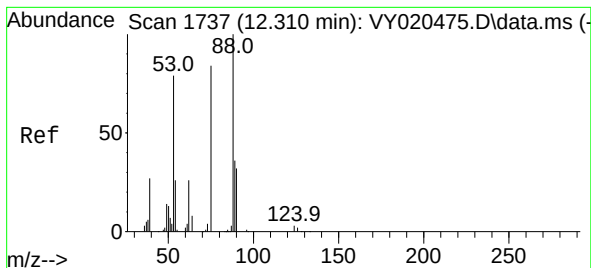
Tgt Ion: 75 Resp: 196

Ion Ratio Lower Upper

75 100

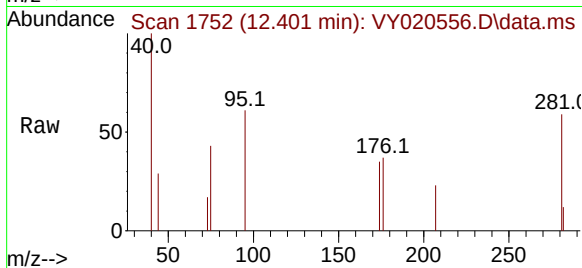
77 0.0 0.0 0.0



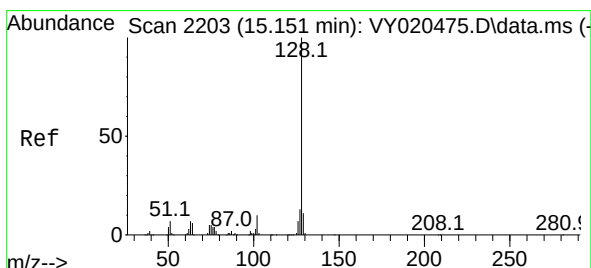
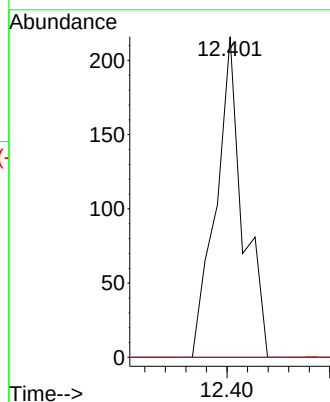
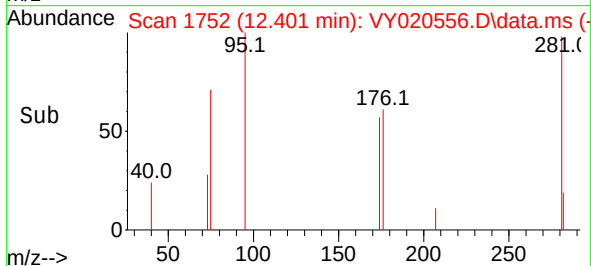


#81
trans-1,4-Dichloro-2-butene
Concen: 134.739 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.091 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40

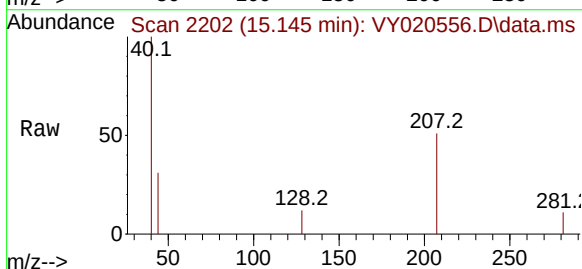
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 196
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#



#95
Naphthalene
Concen: 2.861 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40



Tgt Ion: 128 Resp: 25
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 13.0#

