

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020576.D
 Acq On : 10 Dec 2024 18:06
 Operator : SY/MD
 Sample : P5194-04
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:53:04 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	154588	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	267938	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	230686	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	95035	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90041	57.271	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.540%
35) Dibromofluoromethane	7.634	113	85553	50.719	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.440%
50) Toluene-d8	10.103	98	325971	50.750	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.402	95	101435	45.154	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.300%

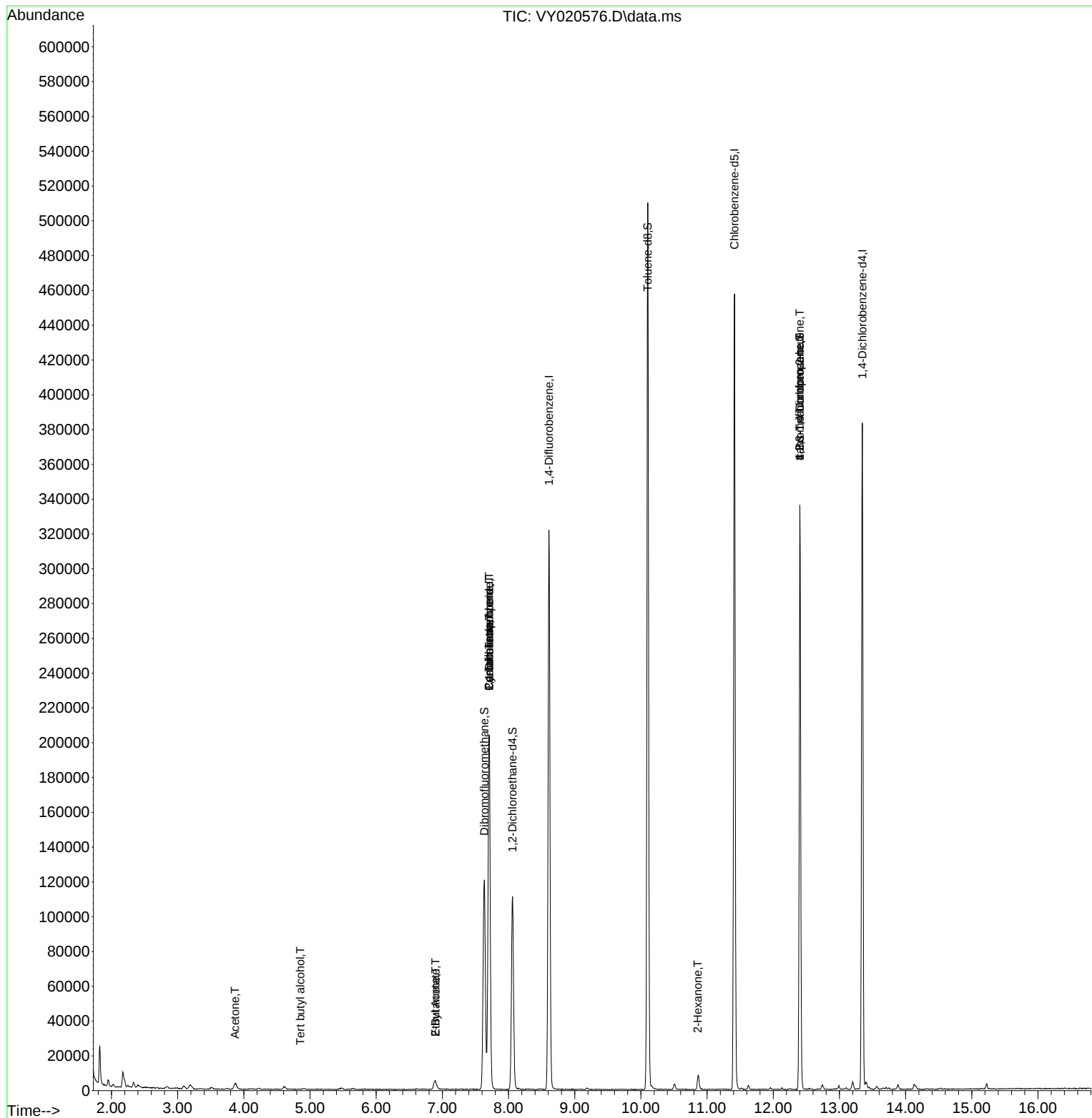
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.854	59	213	2.089	ug/l #	73
16) Acetone	3.867	43	5731	14.660	ug/l	99
25) 2-Butanone	6.896	43	1477	2.992	ug/l	91
31) Cyclohexane	7.707	56	3339	1.078	ug/l #	9
36) 1,1-Dichloropropene	7.707	75	12695	4.457	ug/l #	52
37) Ethyl Acetate	6.896	43	1477	1.309	ug/l #	83
38) Carbon Tetrachloride	7.707	117	16636	4.893	ug/l #	15
59) 2-Hexanone	10.859	43	1058	1.303	ug/l #	52
76) 1,2,3-Trichloropropane	12.402	75	55102	56.917	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	55102	116.786	ug/l #	9

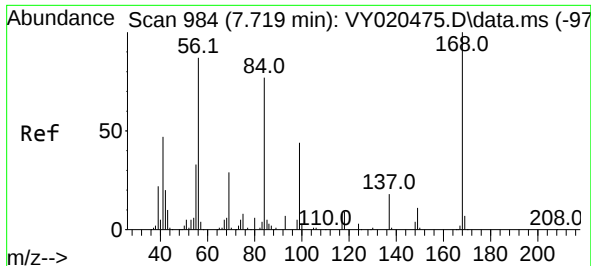
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
Data File : VY020576.D
Acq On : 10 Dec 2024 18:06
Operator : SY/MD
Sample : P5194-04
Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 11 00:53:04 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

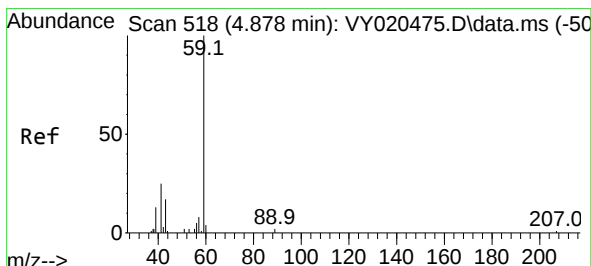
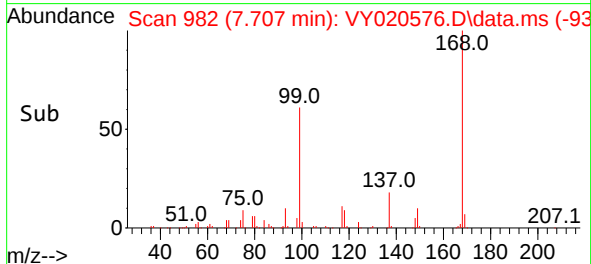
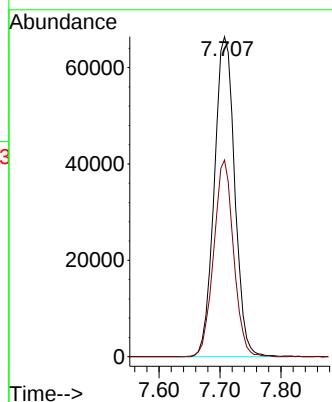
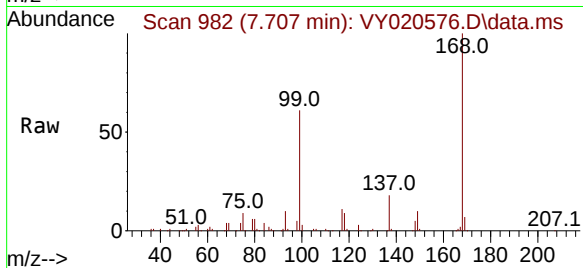




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

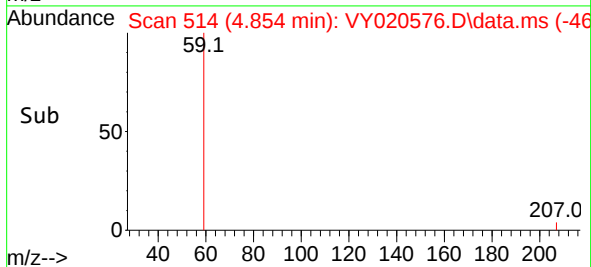
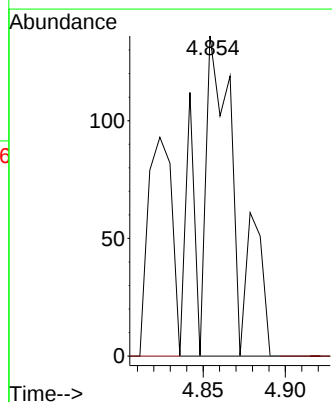
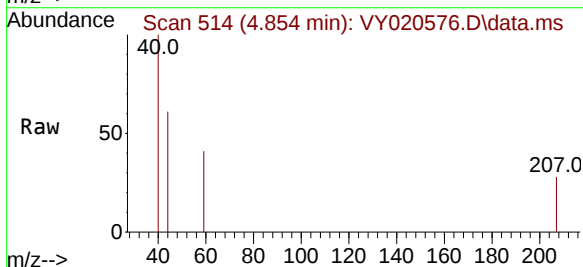
Instrument :
MSVOA_Y
ClientSampleId :

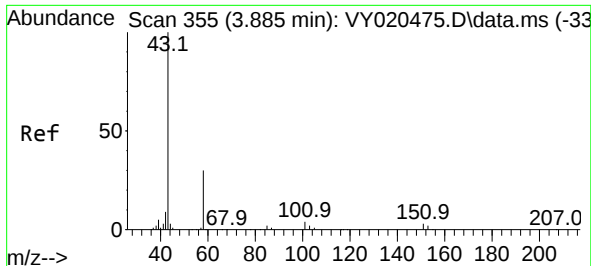
Tgt Ion:168 Resp: 154588
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#11
Tert butyl alcohol
Concen: 2.089 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

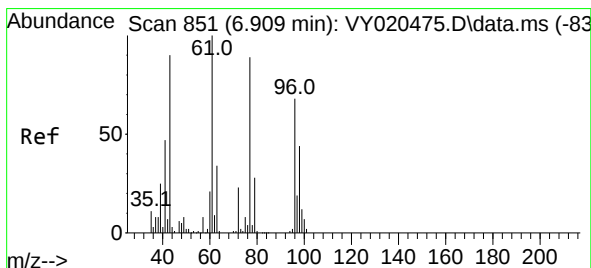
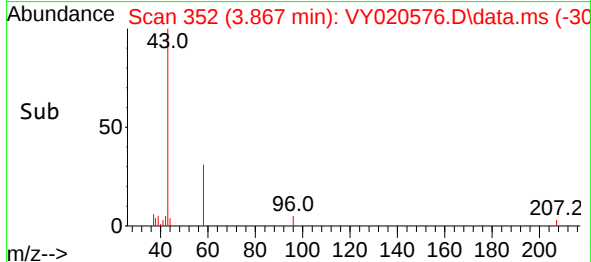
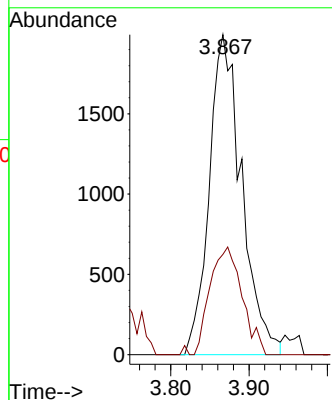
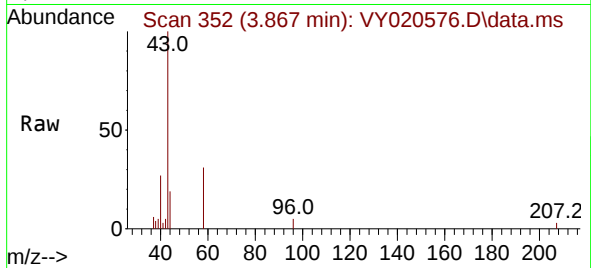




#16
Acetone
Concen: 14.660 ug/l
RT: 3.867 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

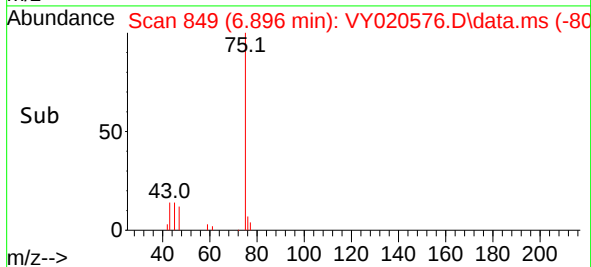
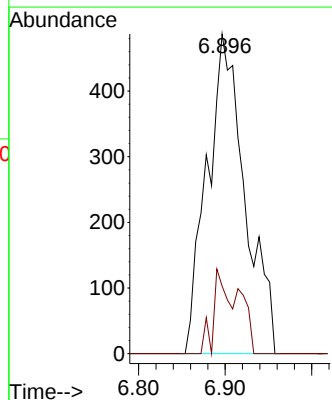
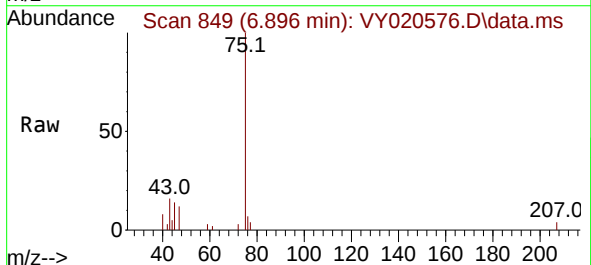
Instrument :
MSVOA_Y
ClientSampleId :

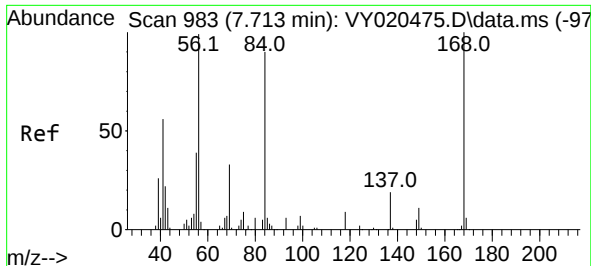
Tgt Ion: 43 Resp: 5731
Ion Ratio Lower Upper
43 100
58 31.4 25.7 38.5



#25
2-Butanone
Concen: 2.992 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

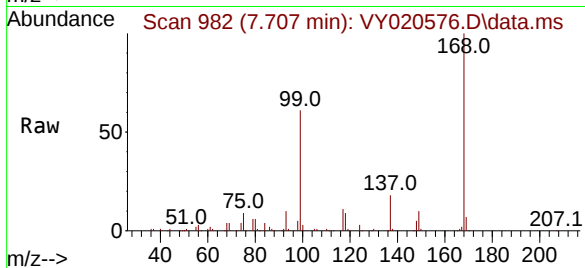
Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
72 21.1 20.4 30.6



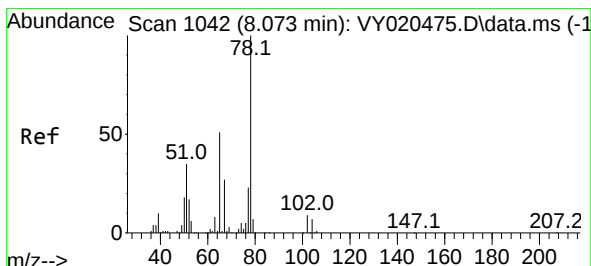
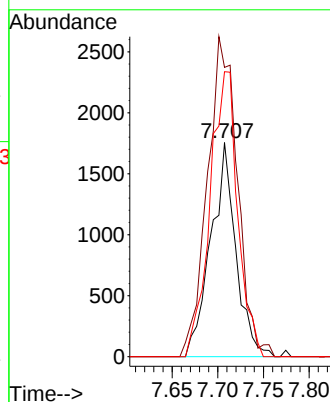
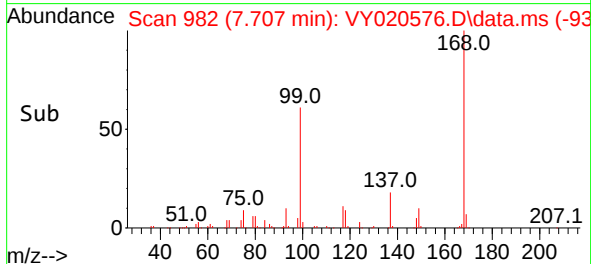


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

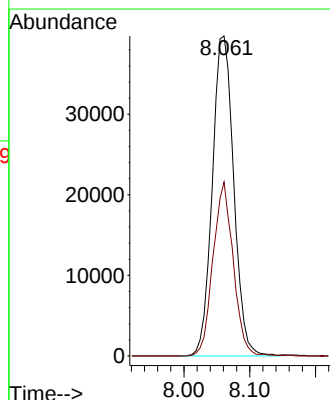
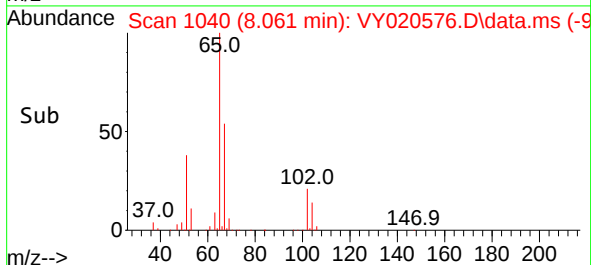
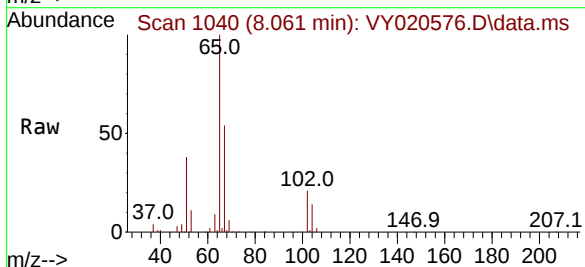


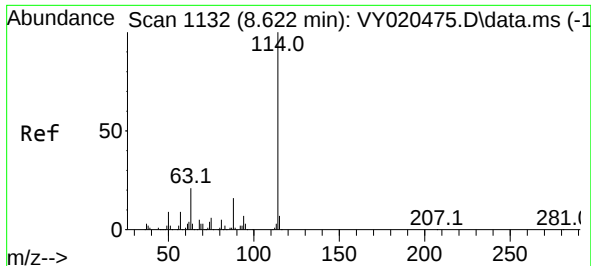
Tgt Ion: 56 Resp: 3339
Ion Ratio Lower Upper
56 100
69 135.2 25.3 37.9#
84 133.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 57.271 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

Tgt Ion: 65 Resp: 90041
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

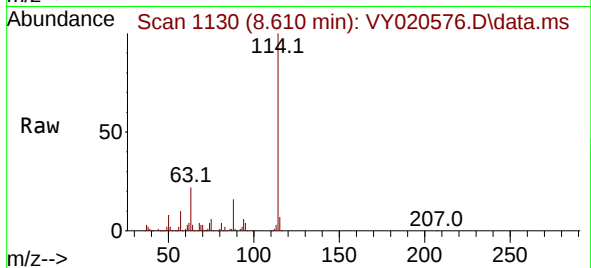
Lab File: VY020576.D

Acq: 10 Dec 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :



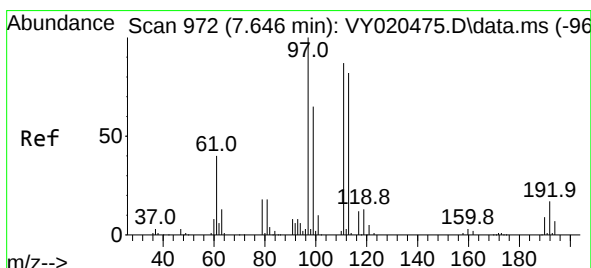
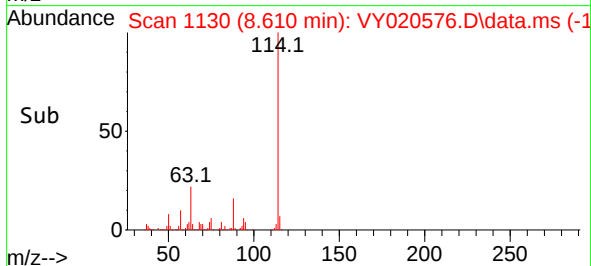
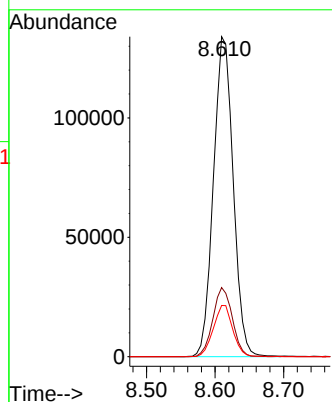
Tgt Ion:114 Resp: 267938

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.8

88 16.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.719 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY020576.D

Acq: 10 Dec 2024 18:06

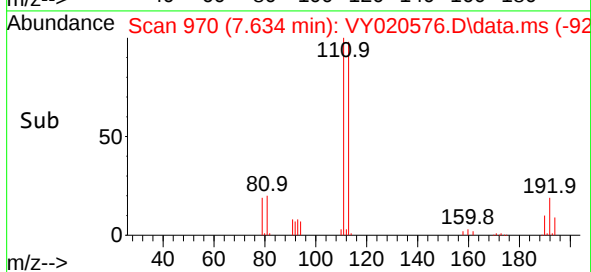
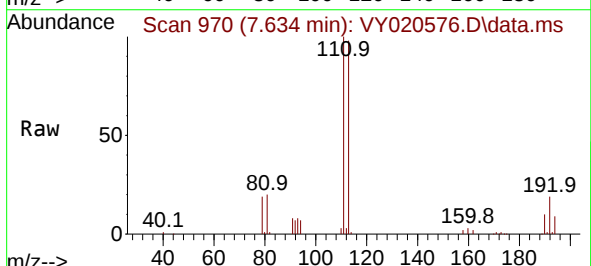
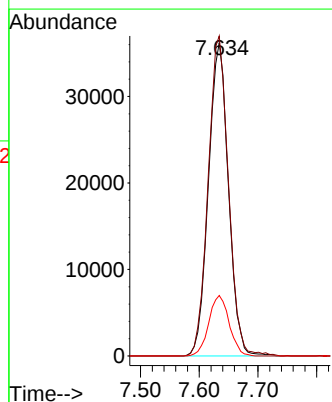
Tgt Ion:113 Resp: 85553

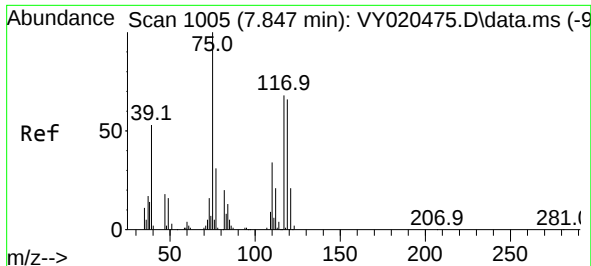
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 19.7 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.457 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.140 min

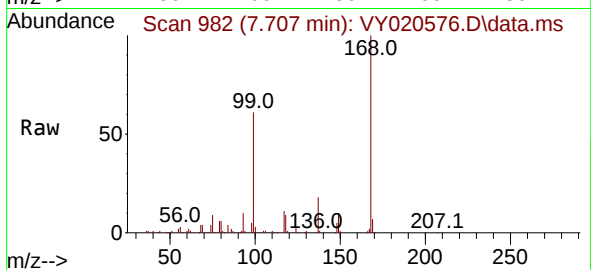
Lab File: VY020576.D

Acq: 10 Dec 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :



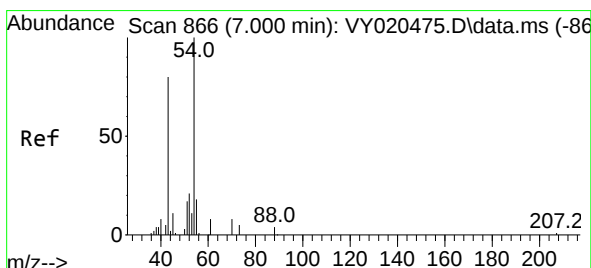
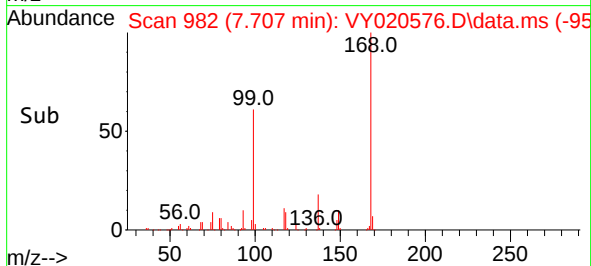
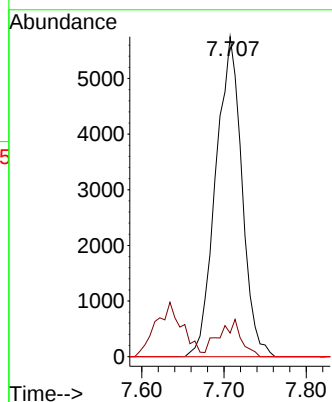
Tgt Ion: 75 Resp: 12695

Ion Ratio Lower Upper

75 100

110 9.8 16.7 50.0#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 1.309 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.104 min

Lab File: VY020576.D

Acq: 10 Dec 2024 18:06

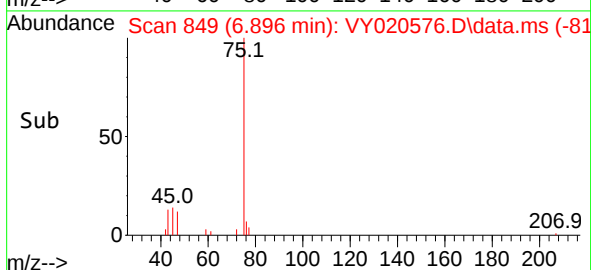
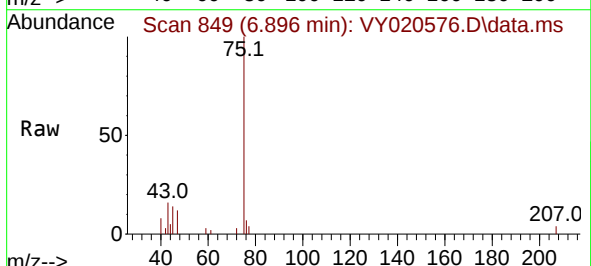
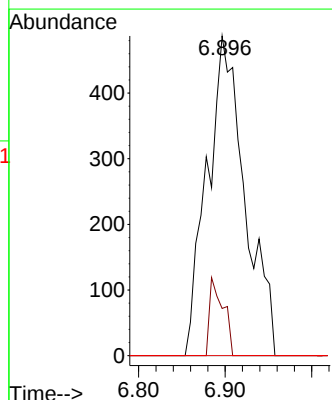
Tgt Ion: 43 Resp: 1477

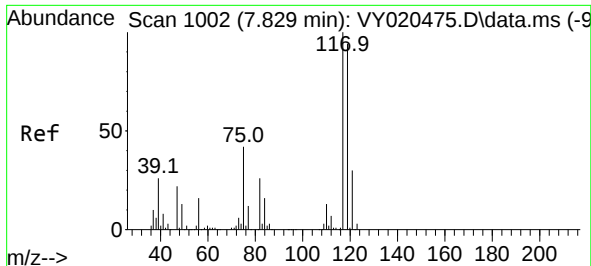
Ion Ratio Lower Upper

43 100

61 8.9 10.7 16.1#

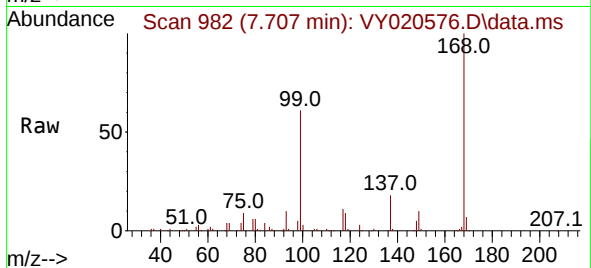
70 0.0 7.3 10.9#



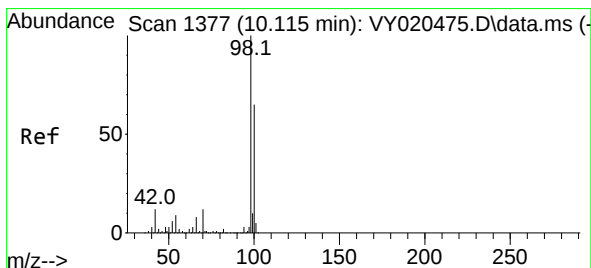
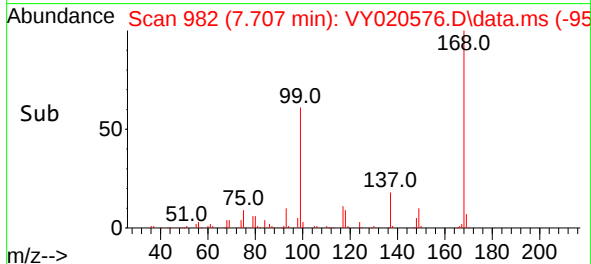
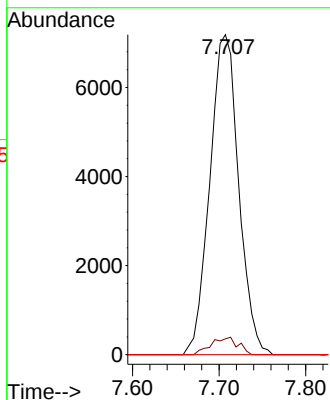


#38
Carbon Tetrachloride
Concen: 4.893 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

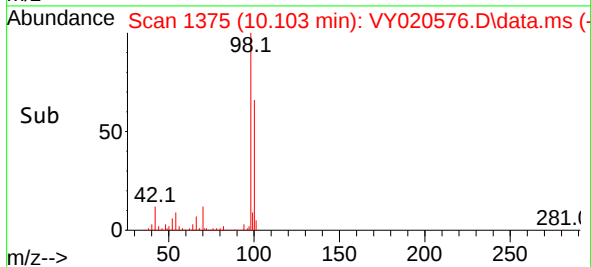
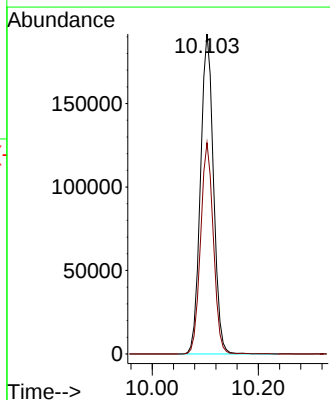
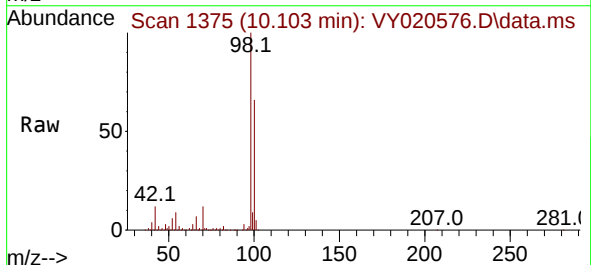


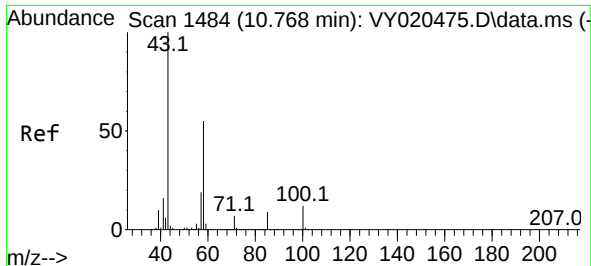
Tgt Ion:117 Resp: 16636
Ion Ratio Lower Upper
117 100
119 5.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.750 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

Tgt Ion: 98 Resp: 325971
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

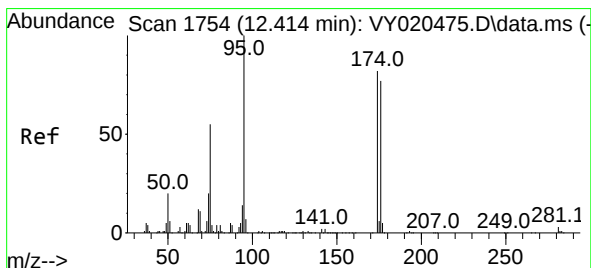
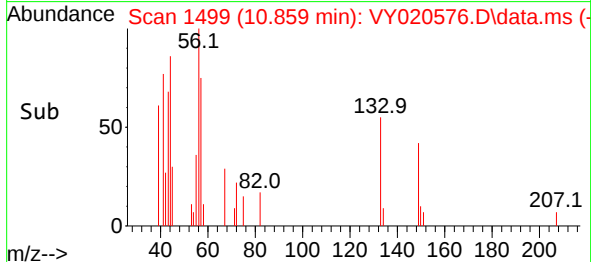
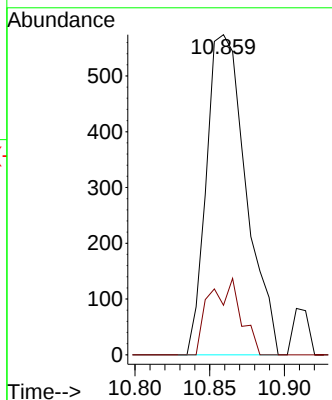
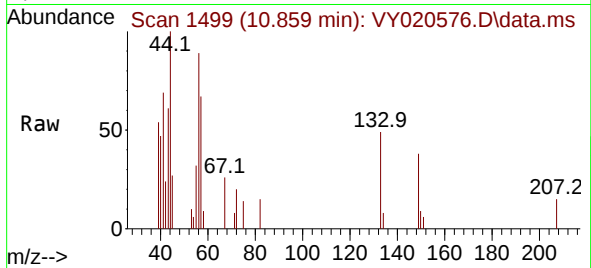




#59
2-Hexanone
Concen: 1.303 ug/l
RT: 10.859 min Scan# 1484
Delta R.T. 0.091 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

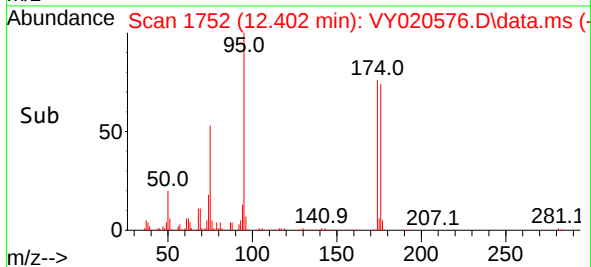
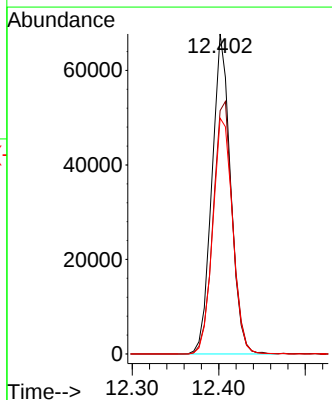
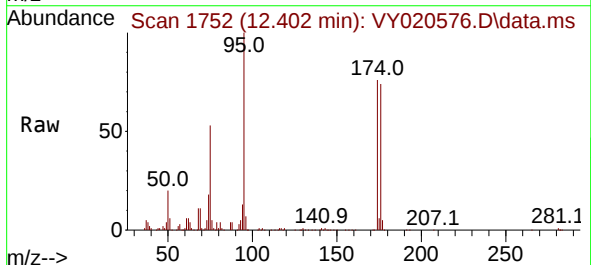
Instrument :
MSVOA_Y
ClientSampleId :

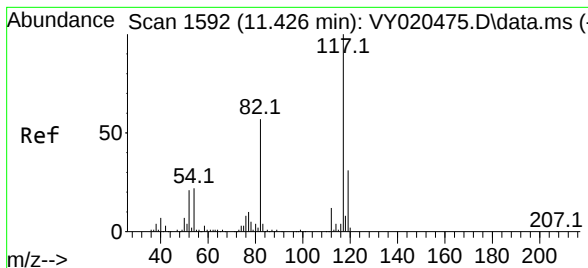
Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 18.9 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 45.154 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.012 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

Tgt Ion: 95 Resp: 101435
Ion Ratio Lower Upper
95 100
174 82.2 0.0 156.8
176 78.3 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: VY020576.D

Acq: 10 Dec 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

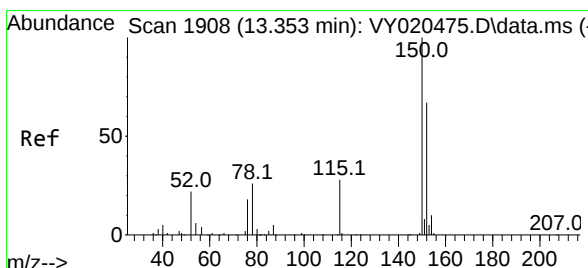
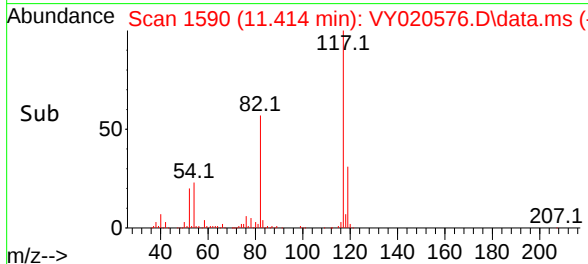
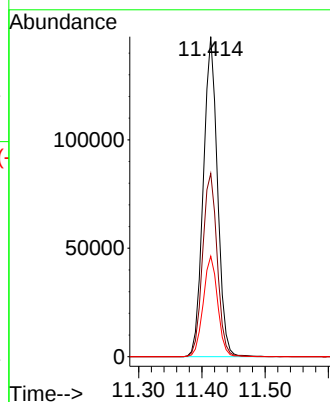
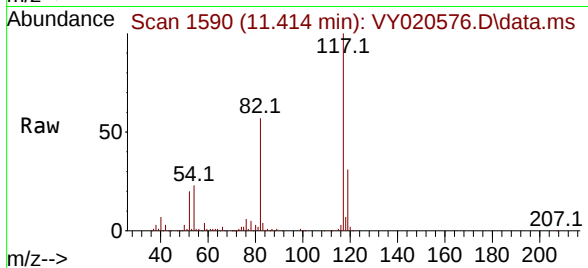
Tgt Ion:117 Resp: 230686

Ion Ratio Lower Upper

117 100

82 57.3 48.2 72.4

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020576.D

Acq: 10 Dec 2024 18:06

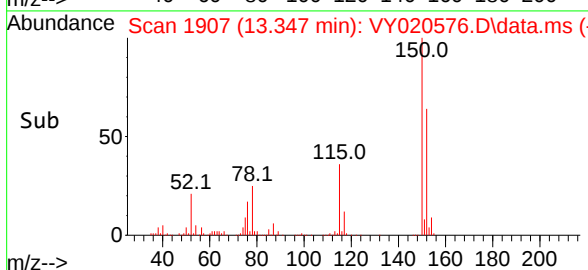
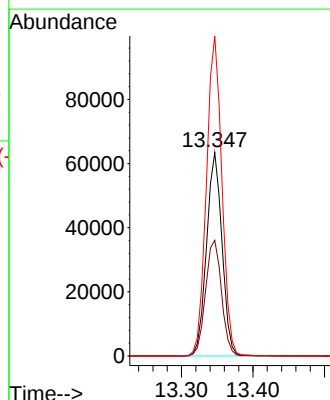
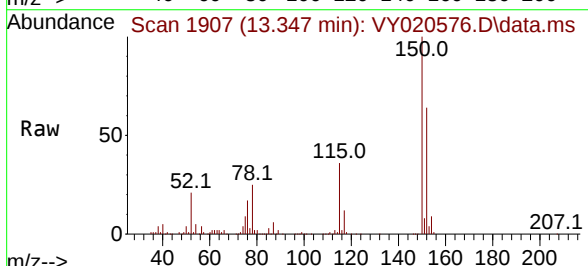
Tgt Ion:152 Resp: 95035

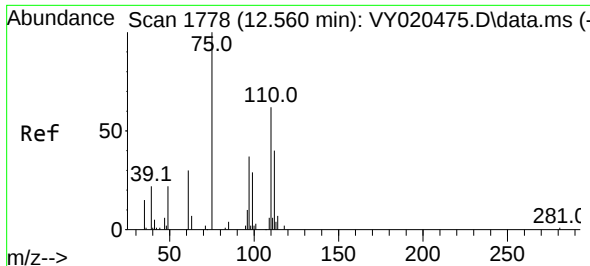
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 157.7 0.0 348.2

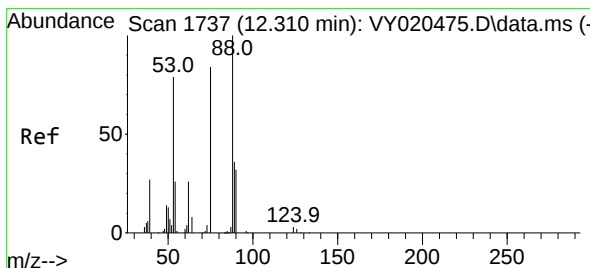
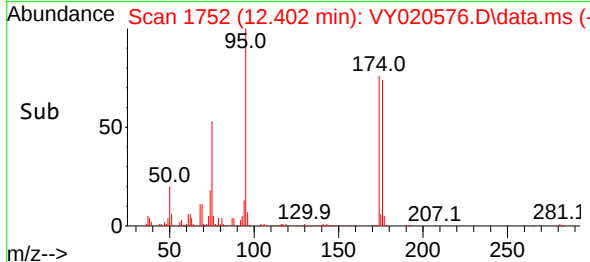
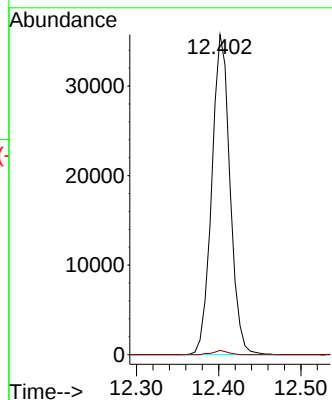
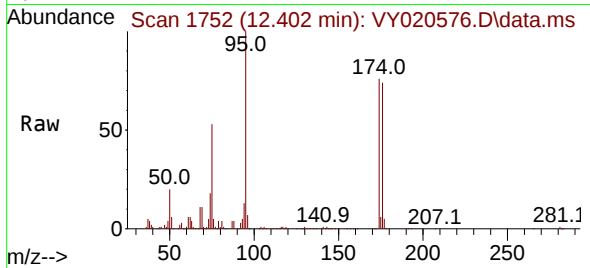




#76
1,2,3-Trichloropropane
Concen: 56.917 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55102
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.786 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.091 min
Lab File: VY020576.D
Acq: 10 Dec 2024 18:06

Tgt Ion: 75 Resp: 55102
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

