

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020714.D
 Acq On : 26 Dec 2024 13:56
 Operator : SY/MD
 Sample : VY1226SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBL01

Quant Time: Dec 26 16:15:26 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	7.719	168	99549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	157271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	133794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	56315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52717	64.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.300%
35) Dibromofluoromethane	7.640	113	49885	57.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.180%
50) Toluene-d8	10.109	98	181408	52.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.407	95	58692	50.981	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	101.960%

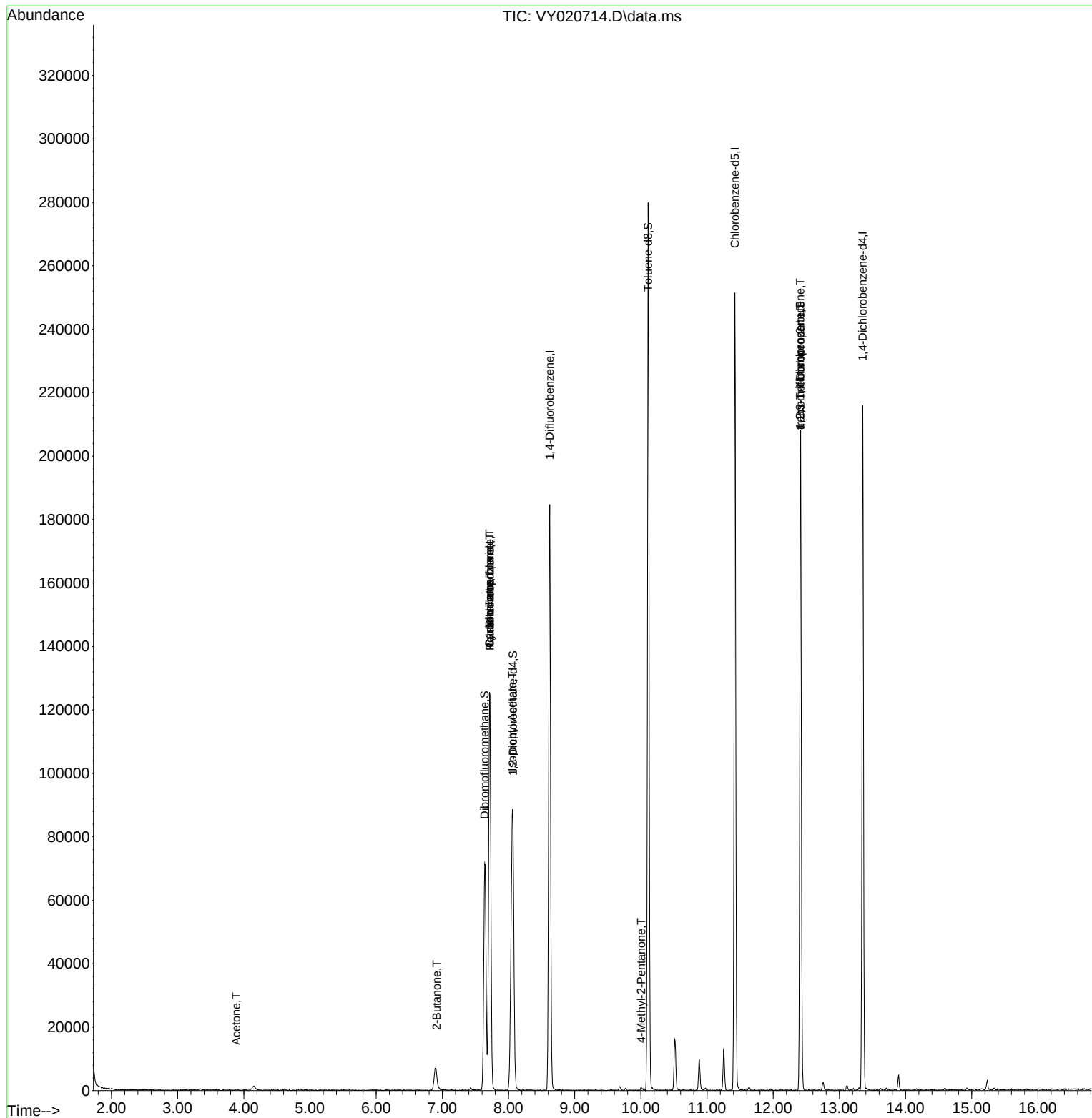
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.866	59	249	Below Cal	#	89
16) Acetone	3.885	43	456	4.408	ug/l #	43
25) 2-Butanone	6.915	43	159	1.138	ug/l #	38
31) Cyclohexane	7.713	56	1772	1.692	ug/l #	25
36) 1,1-Dichloropropene	7.713	75	6879	6.012	ug/l #	52
38) Carbon Tetrachloride	7.713	117	10402	5.520	ug/l #	18
43) Isopropyl Acetate	8.055	43	956	1.193	ug/l #	1
51) 4-Methyl-2-Pentanone	10.005	43	591	1.528	ug/l #	79
76) 1,2,3-Trichloropropane	12.407	75	32316	90.225	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	32316	178.340	ug/l #	8

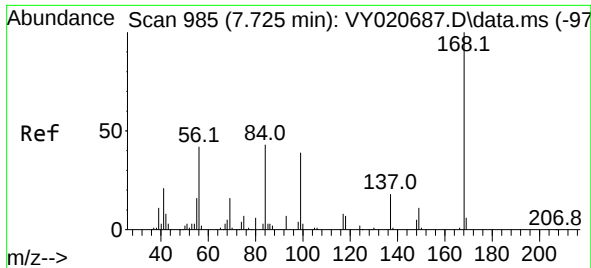
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
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Instrument :
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Quant Time: Dec 26 16:15:26 2024
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Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

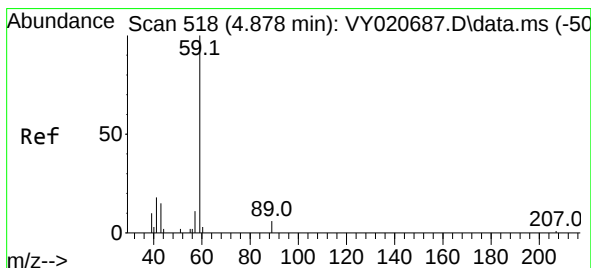
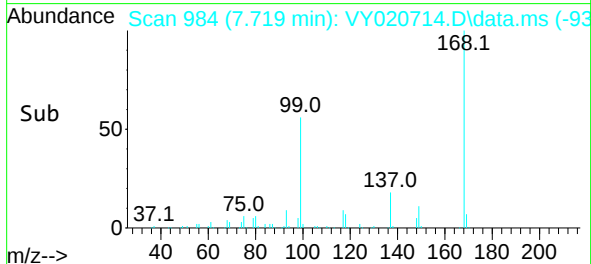
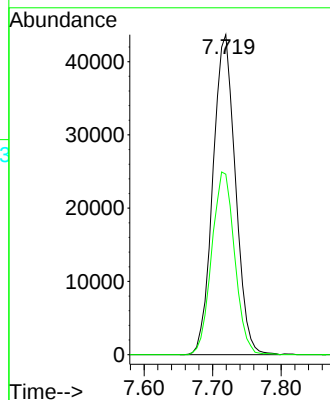
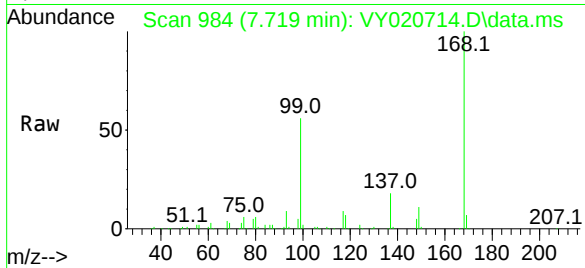




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

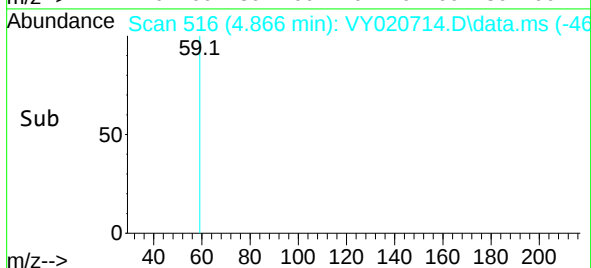
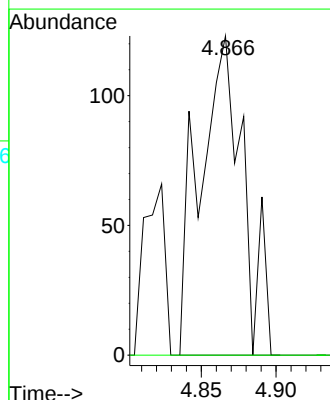
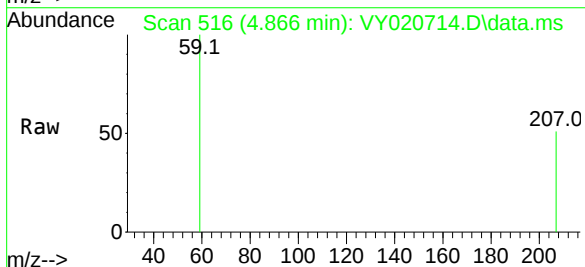
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

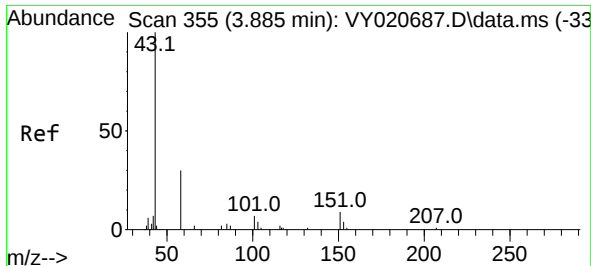
Tgt Ion:168 Resp: 99549
Ion Ratio Lower Upper
168 100
99 56.4 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#





#16

Acetone

Concen: 4.408 ug/l

RT: 3.885 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY020714.D

Acq: 26 Dec 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

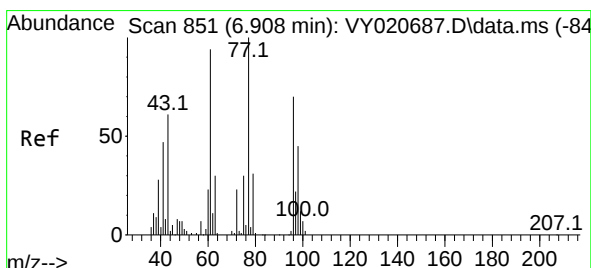
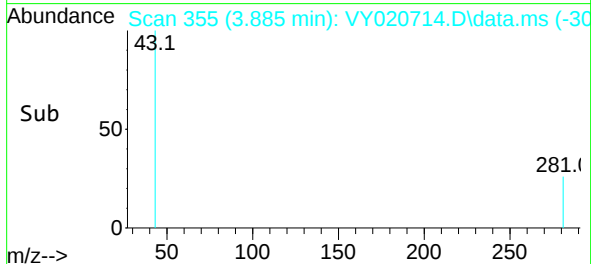
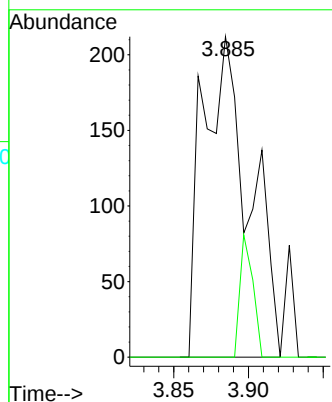
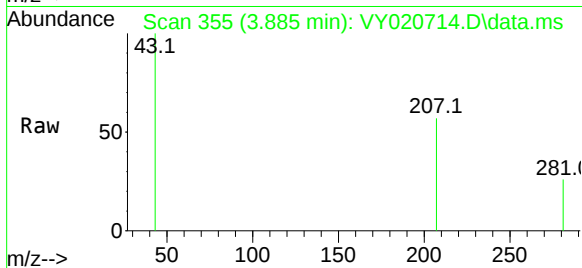
VY1226SBL01

Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

43 100

58 0.0 25.0 37.6#



#25

2-Butanone

Concen: 1.138 ug/l

RT: 6.915 min Scan# 852

Delta R.T. 0.007 min

Lab File: VY020714.D

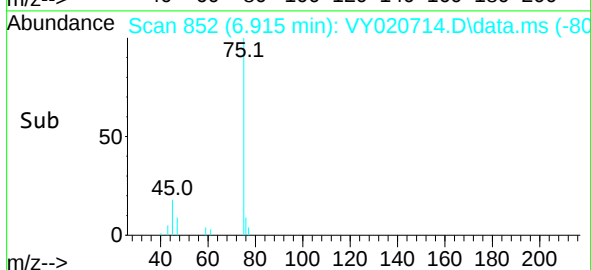
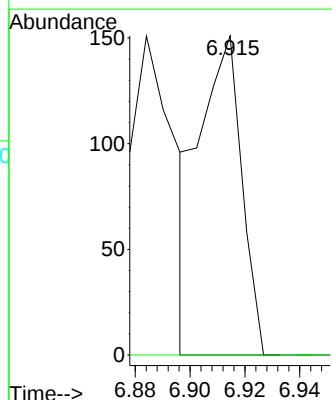
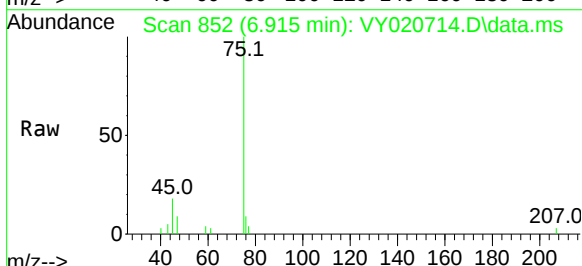
Acq: 26 Dec 2024 13:56

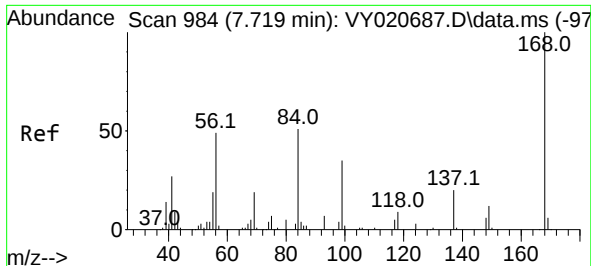
Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

72 0.0 29.5 44.3#

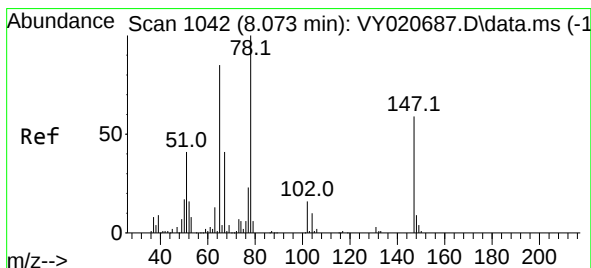
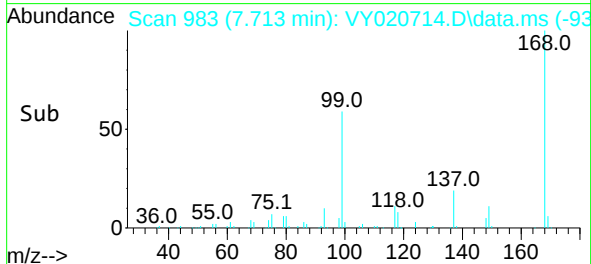
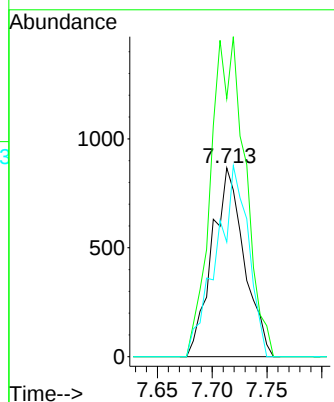
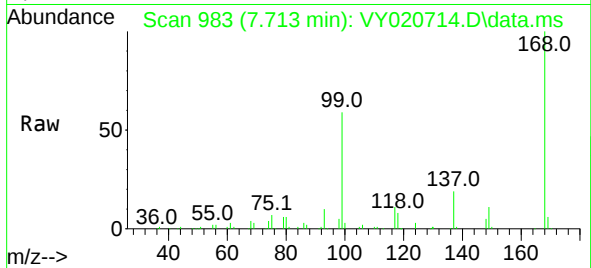




#31
Cyclohexane
Concen: 1.692 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

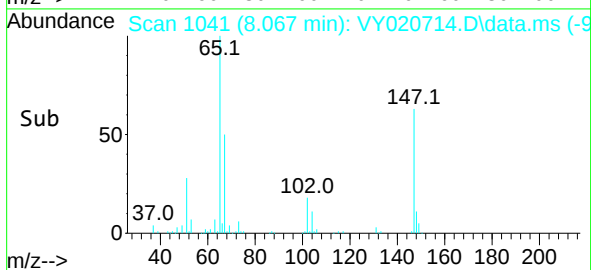
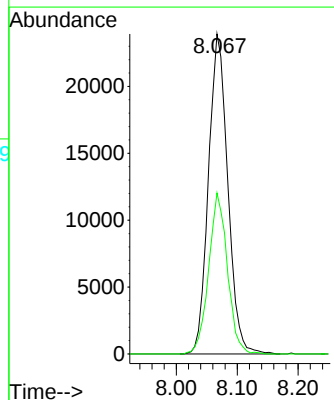
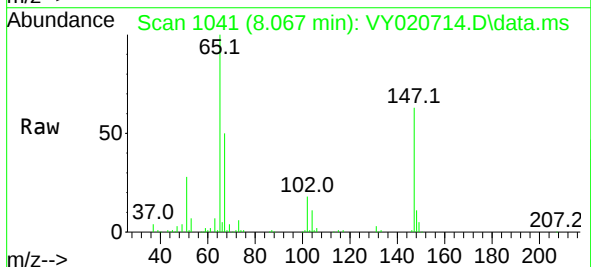
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

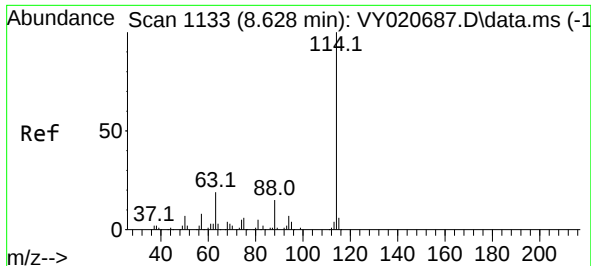
Tgt Ion: 56 Resp: 1772
Ion Ratio Lower Upper
56 100
69 136.7 31.3 46.9#
84 60.7 83.9 125.9#



#33
1,2-Dichloroethane-d4
Concen: 64.652 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Tgt Ion: 65 Resp: 52717
Ion Ratio Lower Upper
65 100
67 48.8 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VY020714.D

Acq: 26 Dec 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBL01

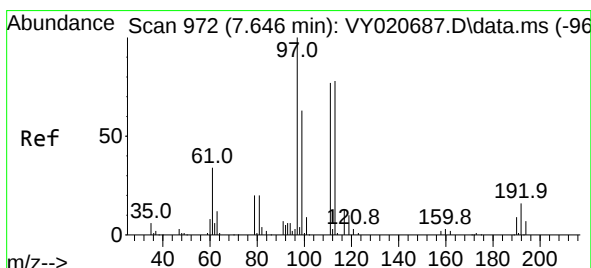
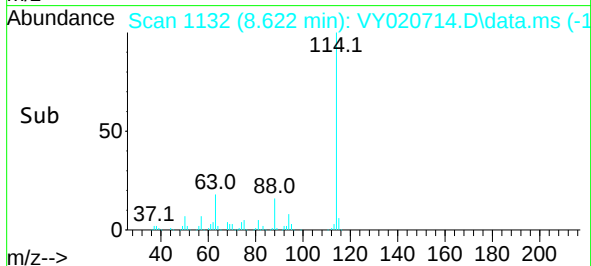
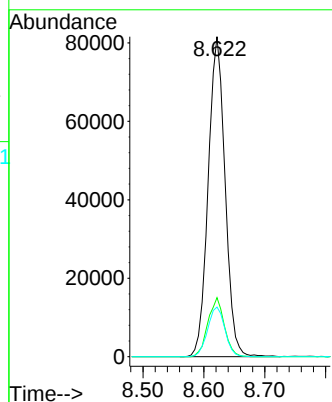
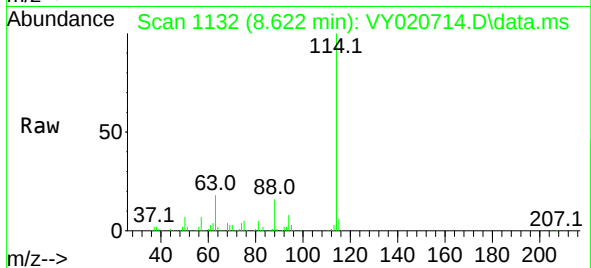
Tgt Ion:114 Resp: 157271

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 15.5 0.0 30.4



#35

Dibromofluoromethane

Concen: 57.586 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020714.D

Acq: 26 Dec 2024 13:56

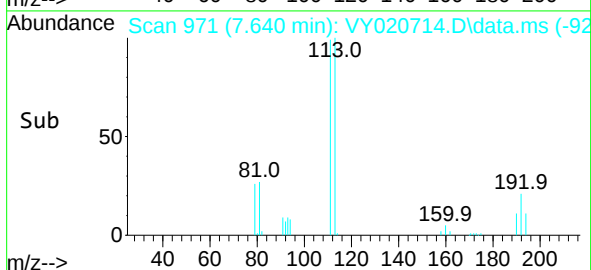
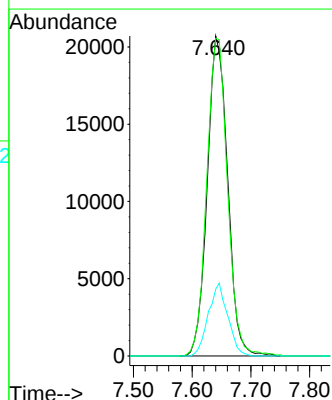
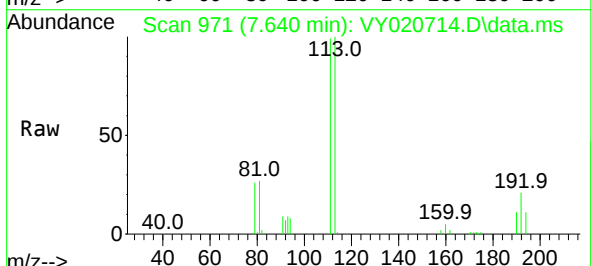
Tgt Ion:113 Resp: 49885

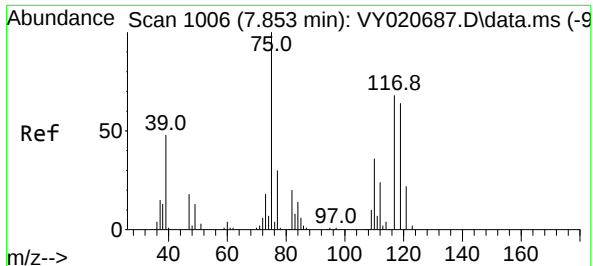
Ion Ratio Lower Upper

113 100

111 101.3 79.8 119.8

192 21.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.012 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.140 min

Lab File: VY020714.D

Acq: 26 Dec 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBL01

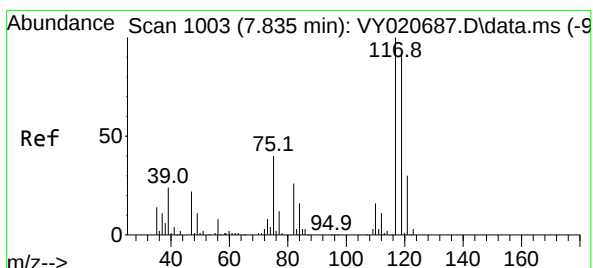
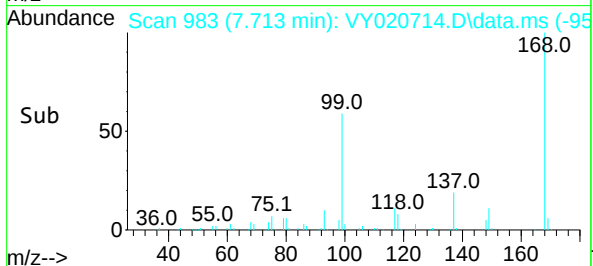
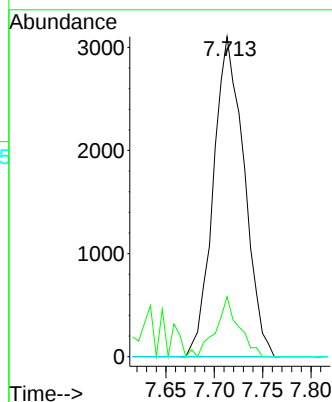
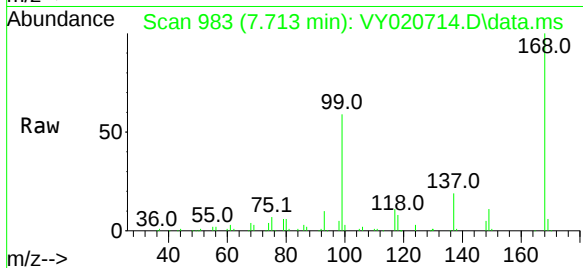
Tgt Ion: 75 Resp: 6879

Ion Ratio Lower Upper

75 100

110 13.7 19.6 58.7#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.520 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY020714.D

Acq: 26 Dec 2024 13:56

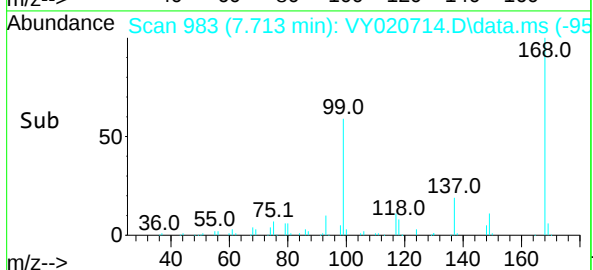
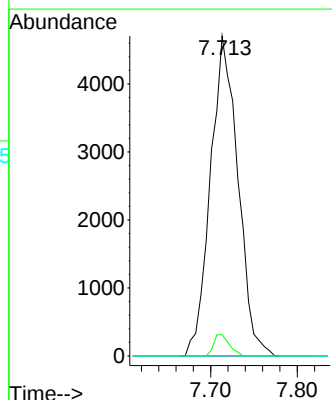
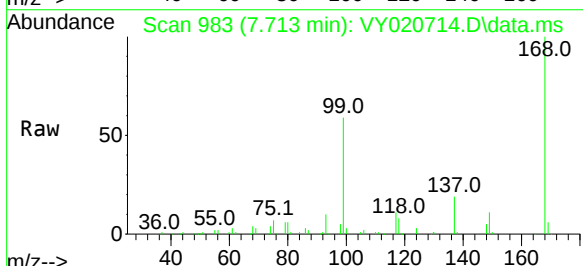
Tgt Ion: 117 Resp: 10402

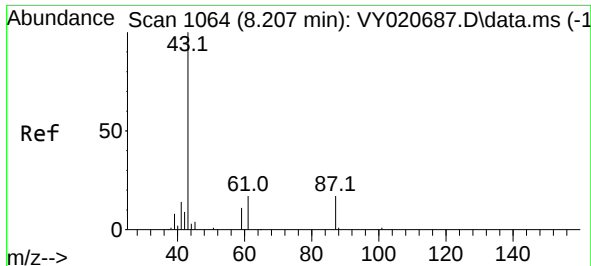
Ion Ratio Lower Upper

117 100

119 6.7 74.4 111.6#

121 0.0 24.2 36.2#

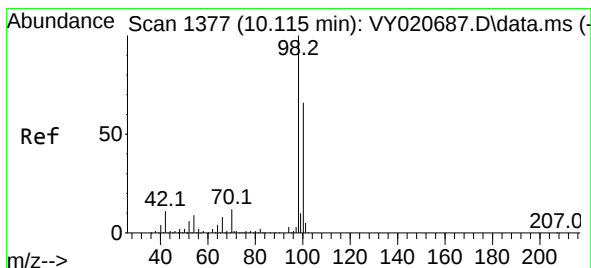
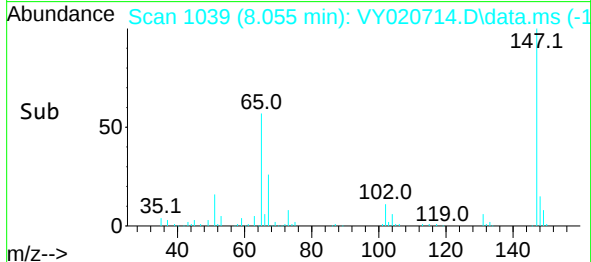
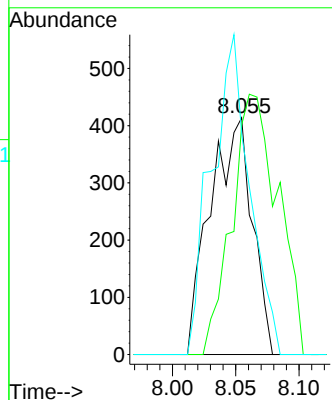
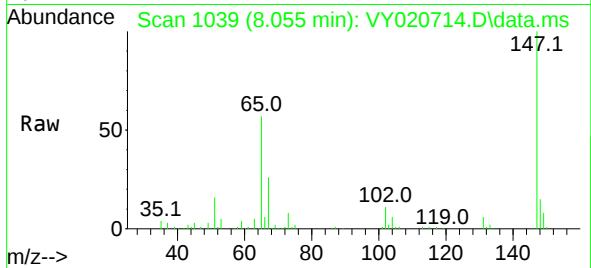




#43
Isopropyl Acetate
Concen: 1.193 ug/l
RT: 8.055 min Scan# 1064
Delta R.T. -0.152 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

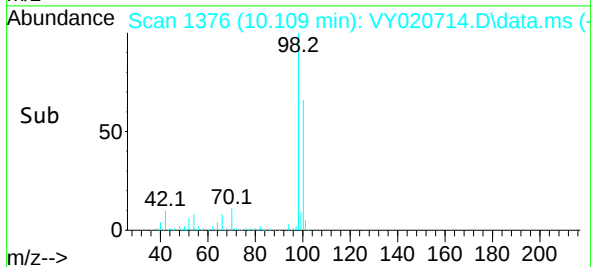
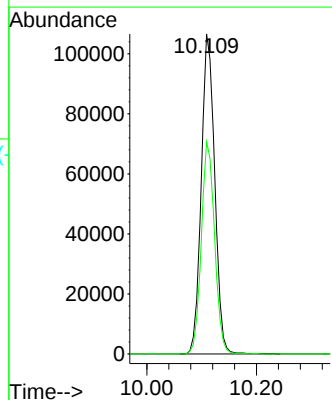
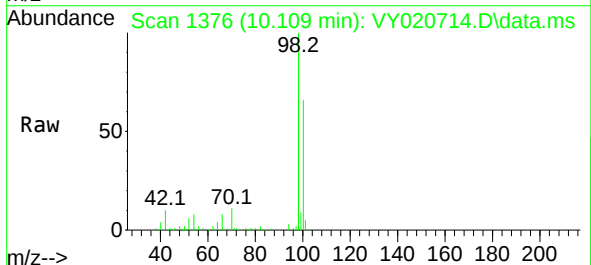
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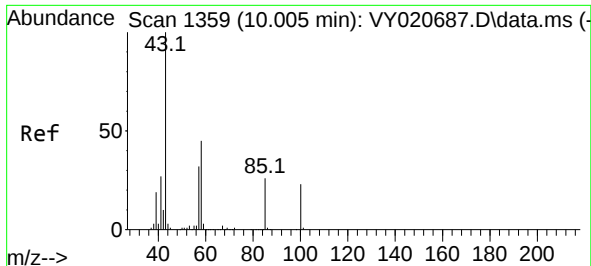
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
61 121.0 27.0 40.4#
87 122.3 14.2 21.4#



#50
Toluene-d8
Concen: 52.569 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Tgt Ion: 98 Resp: 181408
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

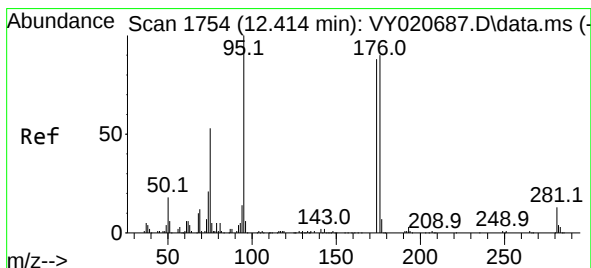
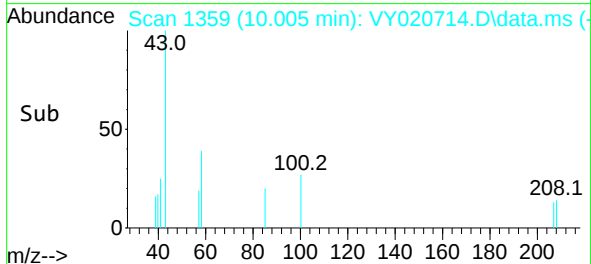
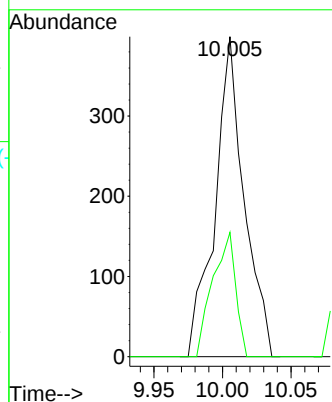
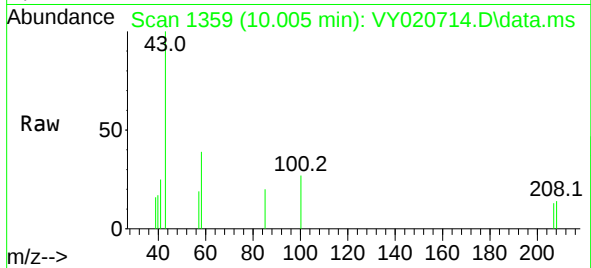




#51
4-Methyl-2-Pentanone
Concen: 1.528 ug/l
RT: 10.005 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

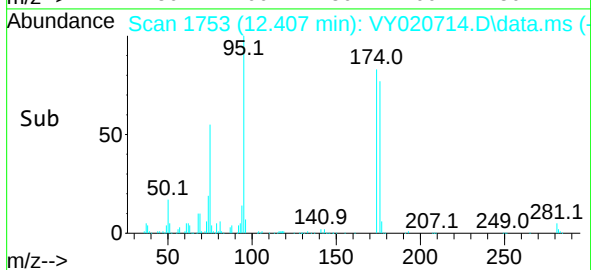
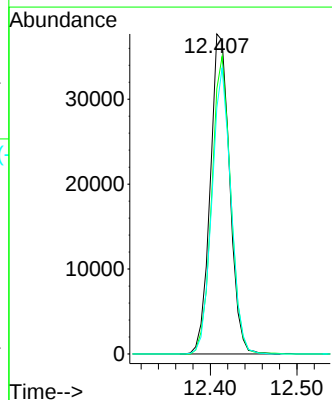
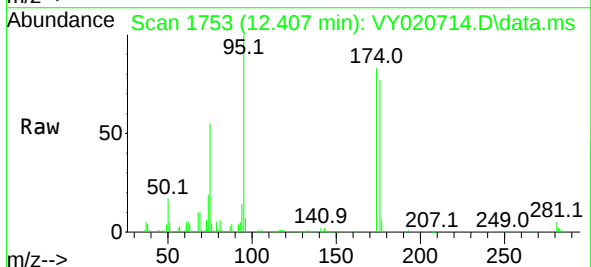
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

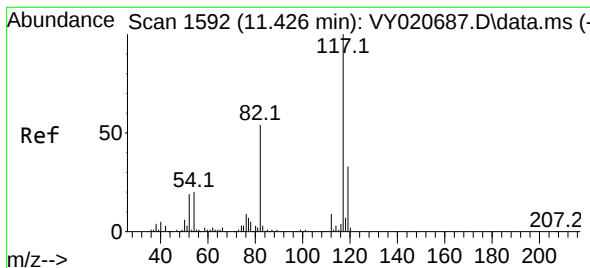
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 30.5 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 50.981 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Tgt Ion: 95 Resp: 58692
Ion Ratio Lower Upper
95 100
174 90.7 0.0 179.2
176 87.5 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020714.D

Acq: 26 Dec 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBL01

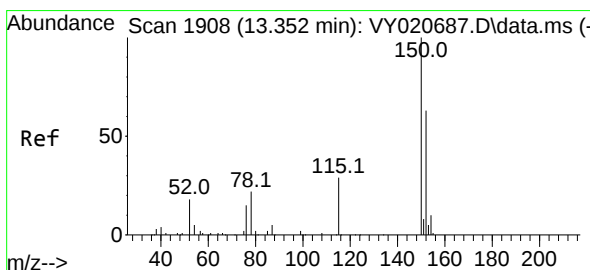
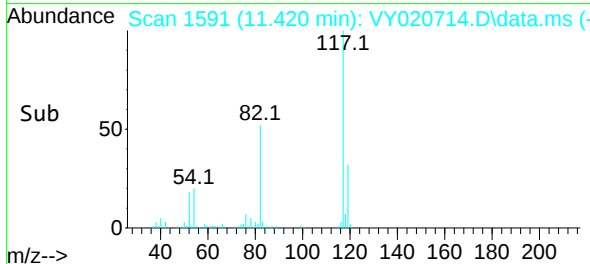
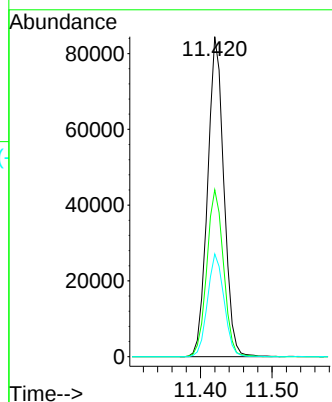
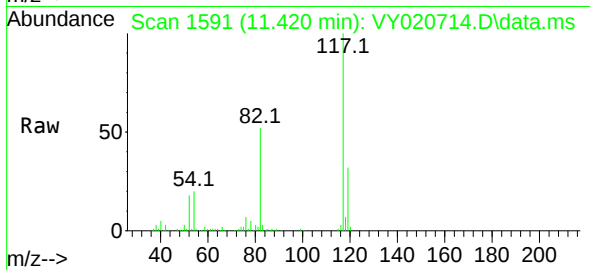
Tgt Ion:117 Resp: 133794

Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.2

119 32.1 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: VY020714.D

Acq: 26 Dec 2024 13:56

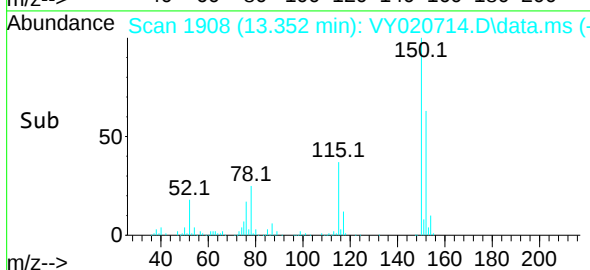
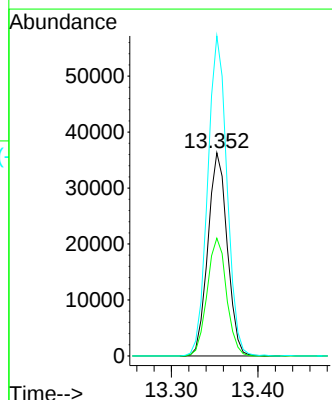
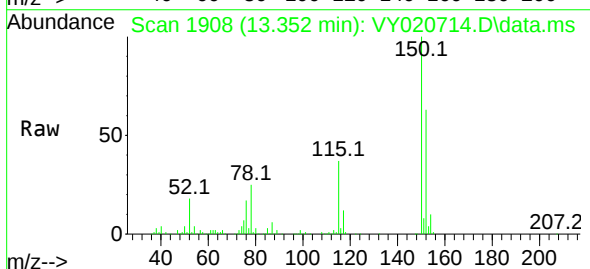
Tgt Ion:152 Resp: 56315

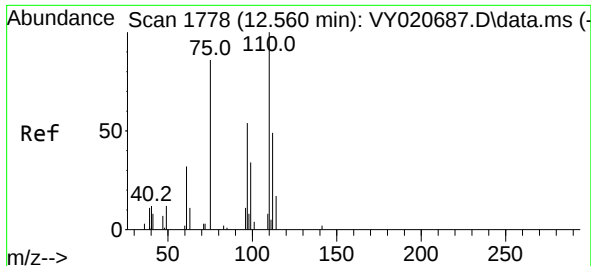
Ion Ratio Lower Upper

152 100

115 57.9 30.3 90.9

150 156.9 0.0 349.0

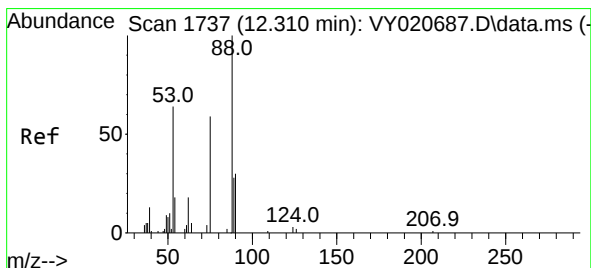
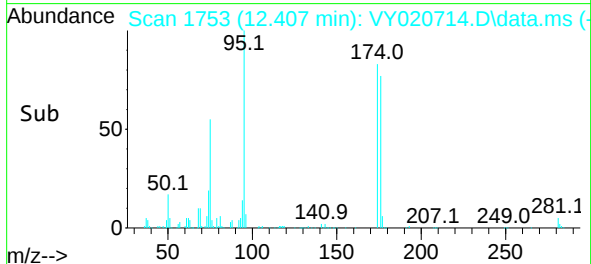
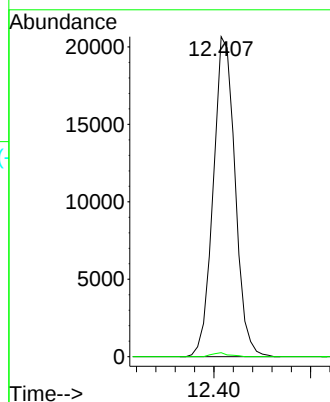
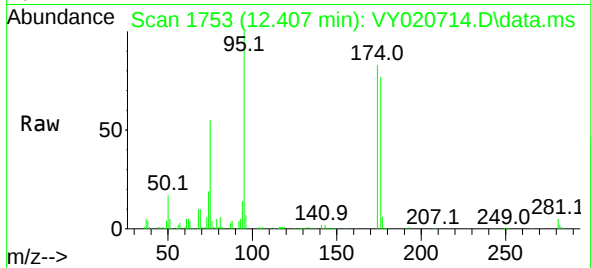




#76
1,2,3-Trichloropropane
Concen: 90.225 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Tgt Ion: 75 Resp: 32316
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 178.340 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Tgt Ion: 75 Resp: 32316
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.1 40.6 61.0#

