

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020356.D
 Acq On : 20 Nov 2024 13:54
 Operator : SY/MD
 Sample : P4916-07
 Misc : 3.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:47:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	156845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	305569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	282508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	110363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97730	54.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.480%
35) Dibromofluoromethane	7.634	113	94657	48.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.103	98	367898	47.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.401	95	123864	49.920	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.840%

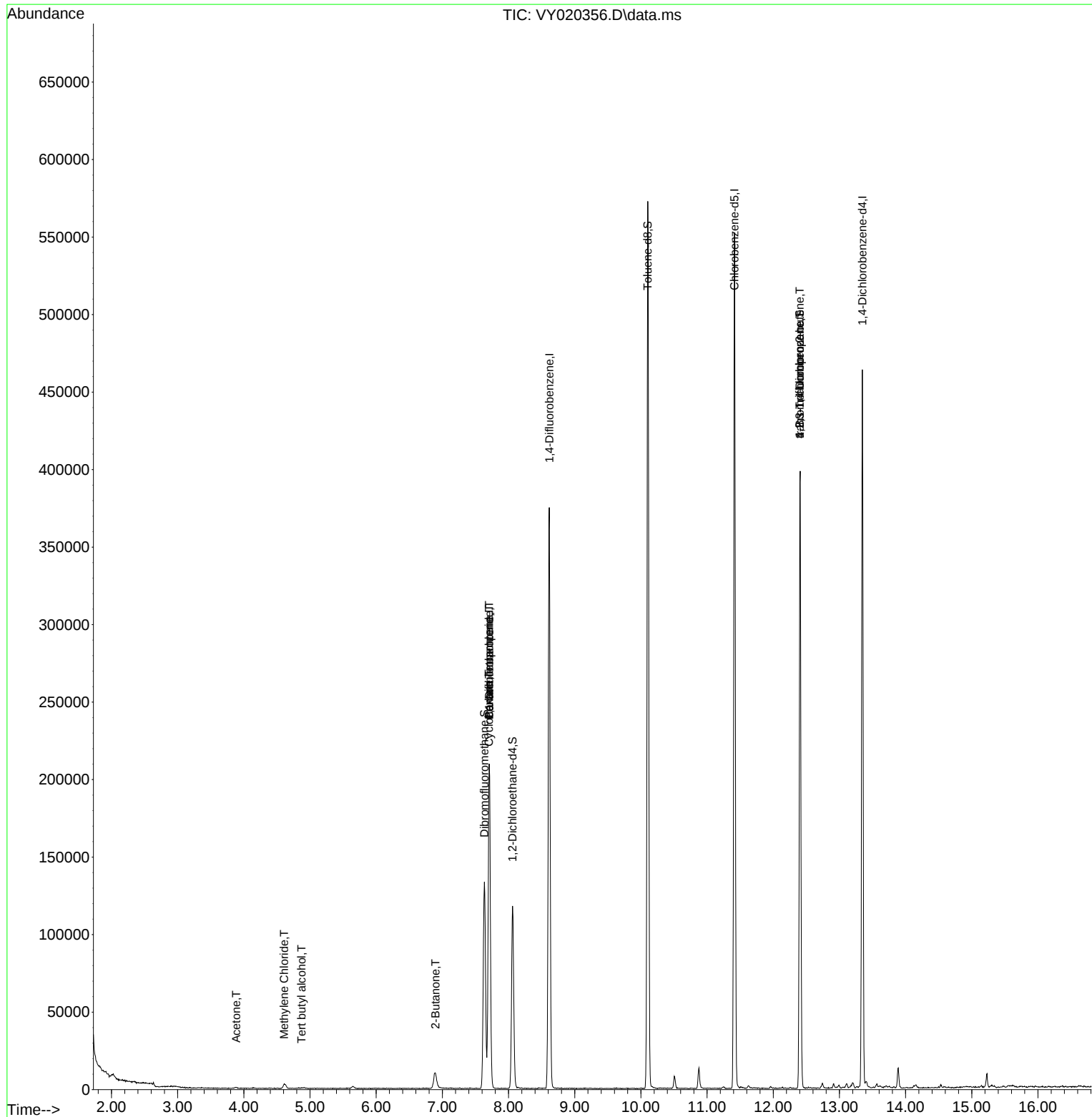
Target Compounds					Qvalue	
3) Chloromethane	2.068	50	191	Below Cal	#	41
11) Tert butyl alcohol	4.872	59	292	1.430	ug/l #	73
16) Acetone	3.885	43	1371	3.174	ug/l	93
20) Methylene Chloride	4.610	84	2053	1.122	ug/l #	86
25) 2-Butanone	6.896	43	891	1.602	ug/l #	50
31) Cyclohexane	7.701	56	3832	1.141	ug/l #	25
36) 1,1-Dichloropropene	7.707	75	13701	4.578	ug/l #	51
38) Carbon Tetrachloride	7.707	117	16727	5.353	ug/l #	15
76) 1,2,3-Trichloropropane	12.401	75	68996	66.329	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	68996	129.969	ug/l #	9

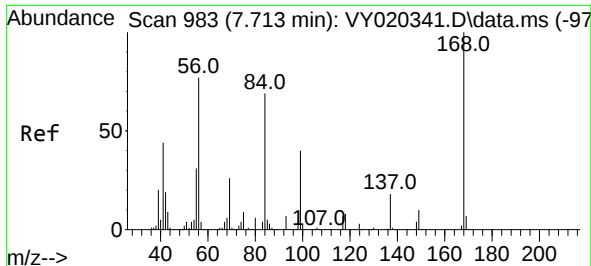
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
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Misc : 3.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Nov 21 00:47:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

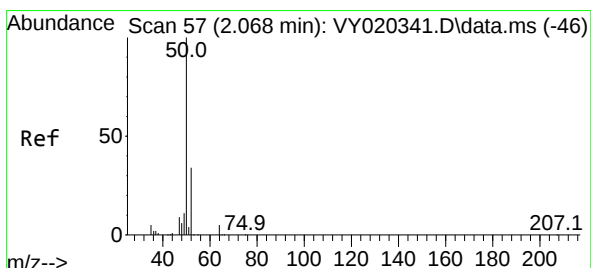
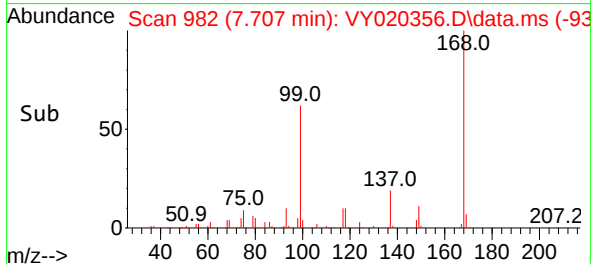
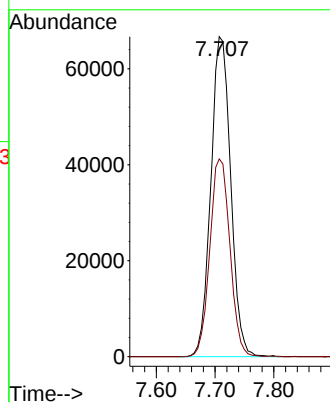
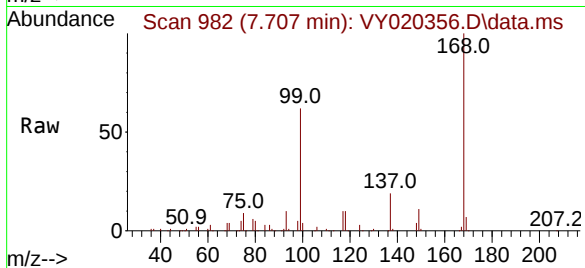




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

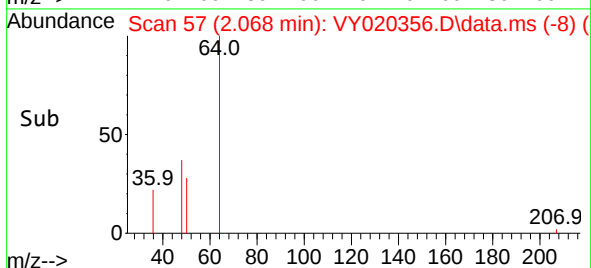
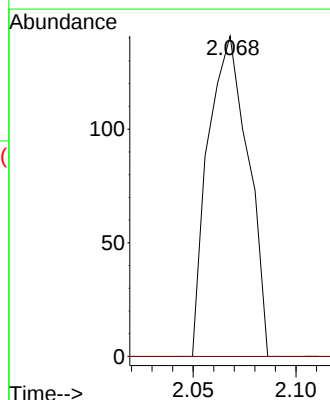
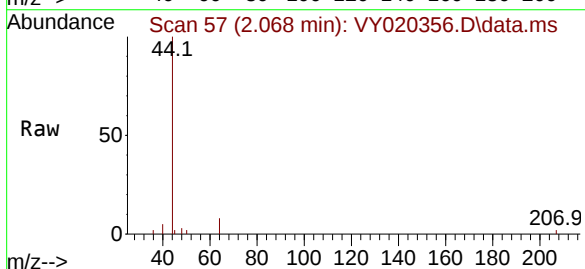
Instrument :
MSVOA_Y
ClientSampleId :

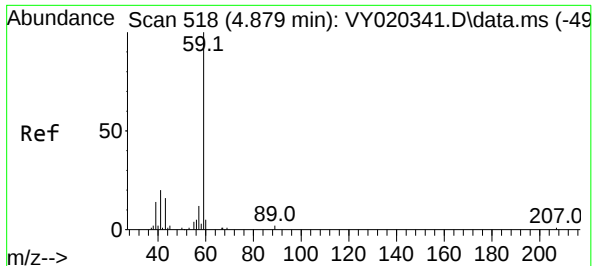
Tgt Ion:168 Resp: 156845
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

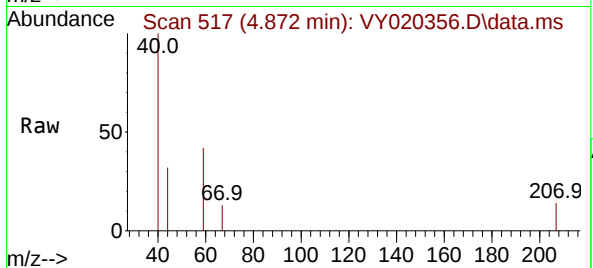
Tgt Ion: 50 Resp: 191
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



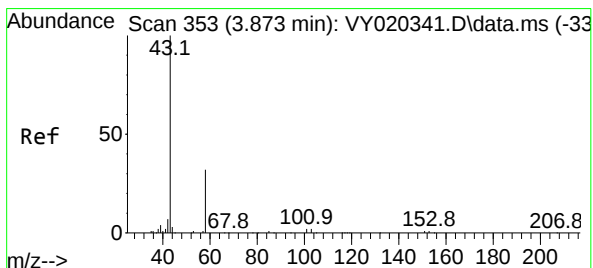
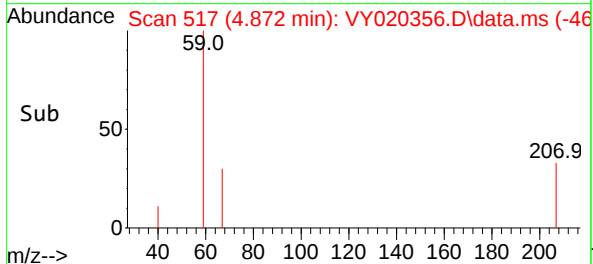
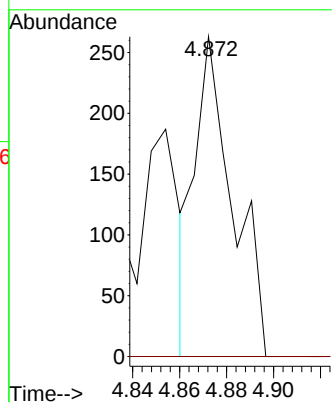


#11
Tert butyl alcohol
Concen: 1.430 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

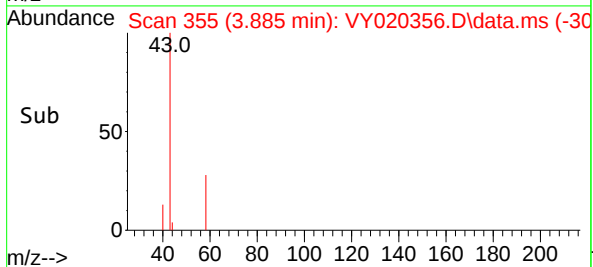
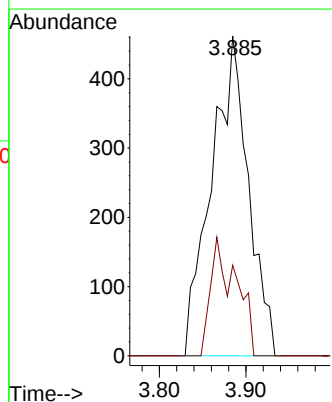
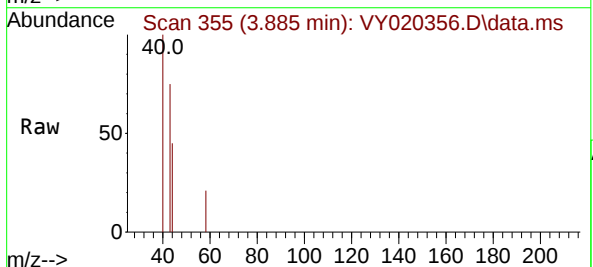


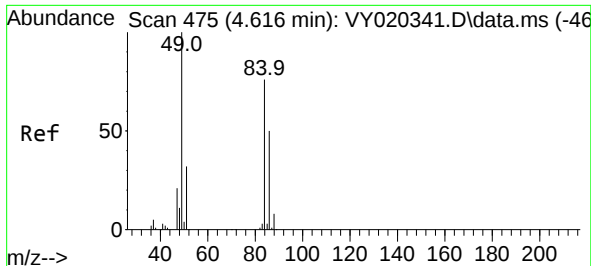
Tgt Ion: 59 Resp: 292
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 3.174 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

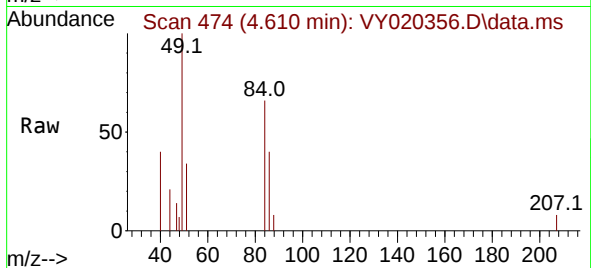
Tgt Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
58 28.4 25.7 38.5





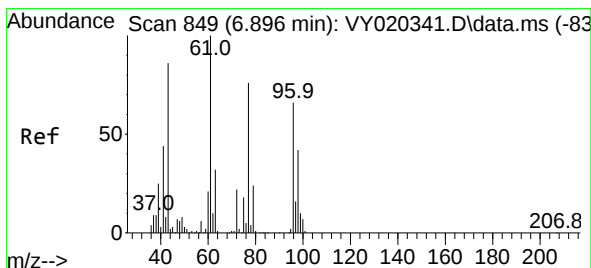
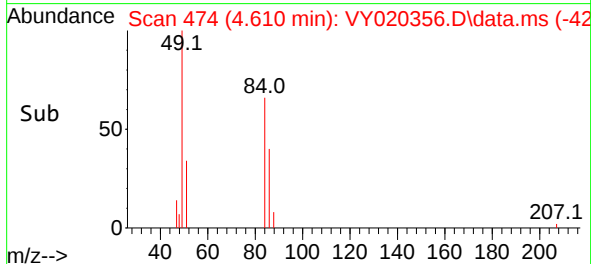
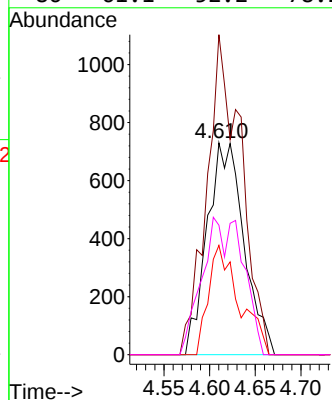
#20
Methylene Chloride
Concen: 1.122 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2053

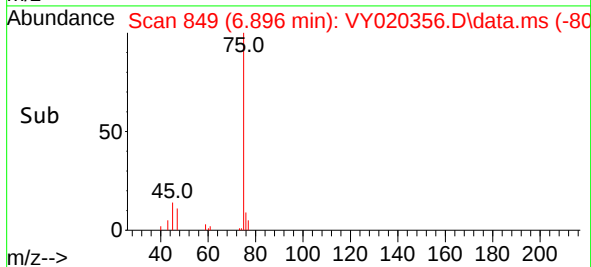
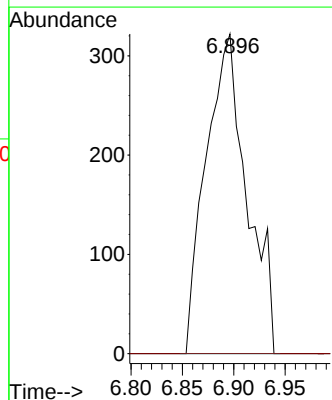
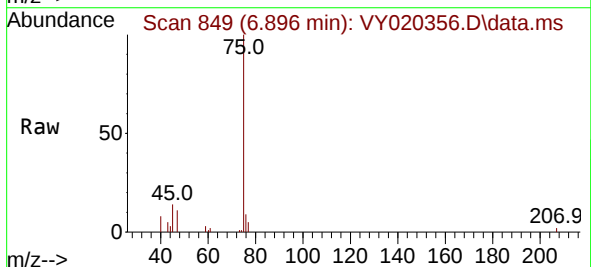
Ion	Ratio	Lower	Upper
84	100		
49	151.1	104.7	157.1
51	51.6	33.4	50.0#
86	61.1	52.2	78.2

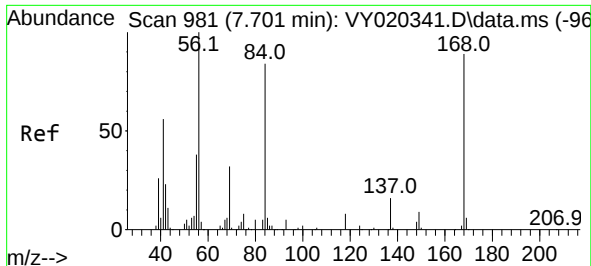


#25
2-Butanone
Concen: 1.602 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Tgt Ion: 43 Resp: 891

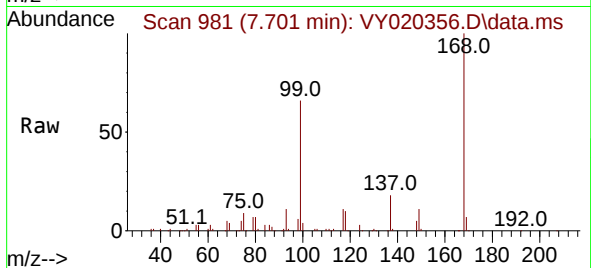
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.4	30.6#



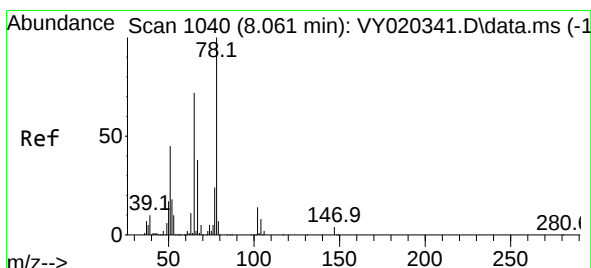
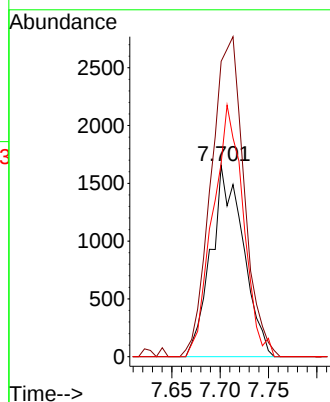
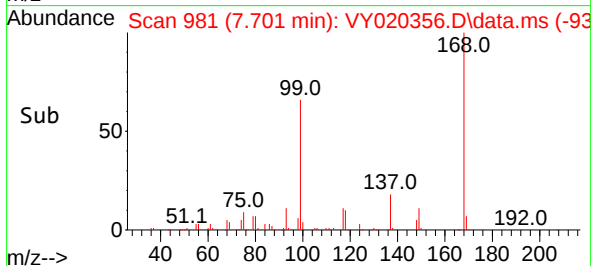


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

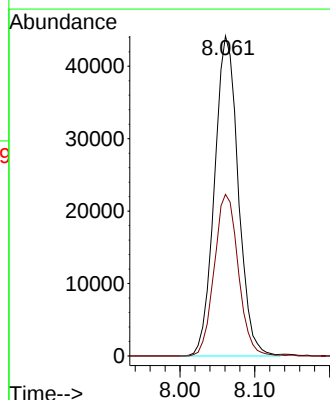
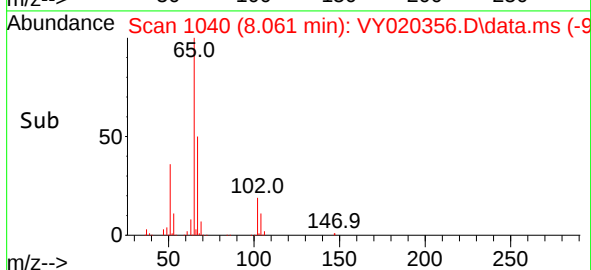
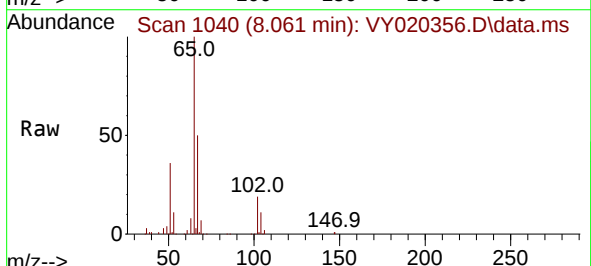


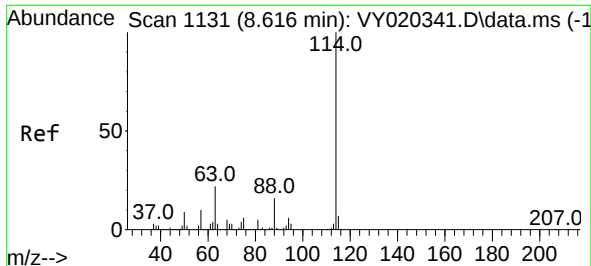
Tgt Ion: 56 Resp: 3832
Ion Ratio Lower Upper
56 100
69 154.5 25.3 37.9#
84 101.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 54.235 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

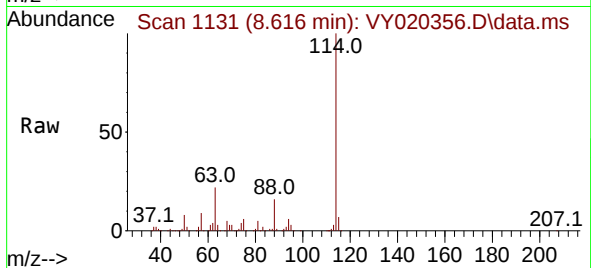
Tgt Ion: 65 Resp: 97730
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.8



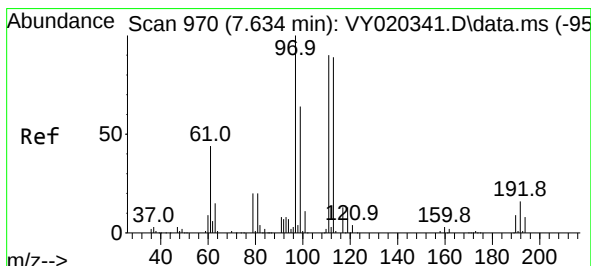
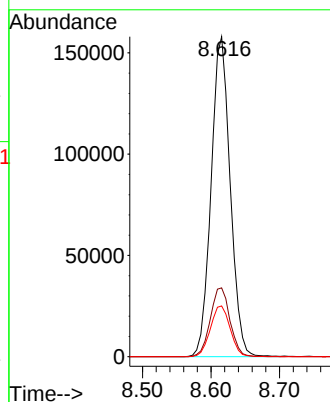
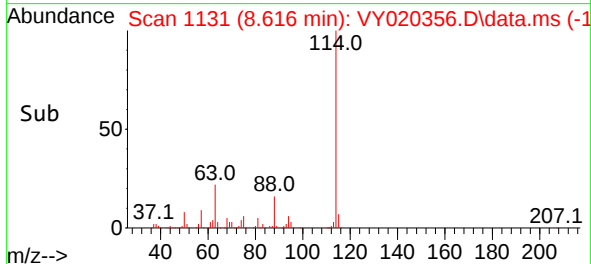


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

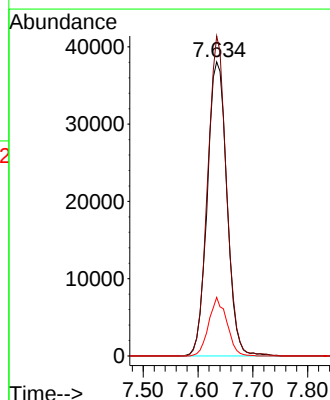
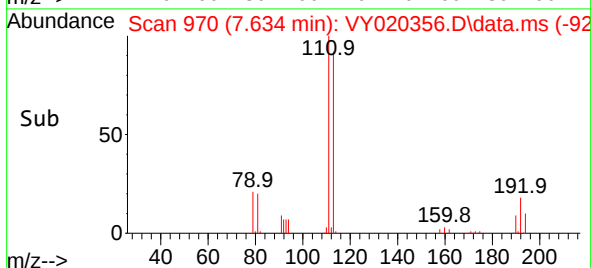
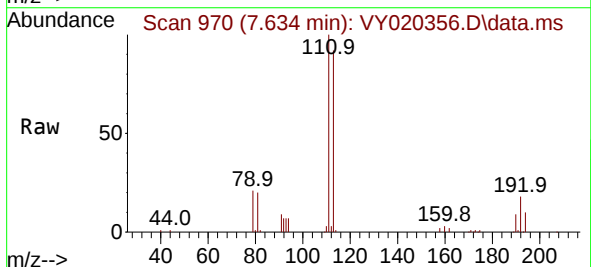


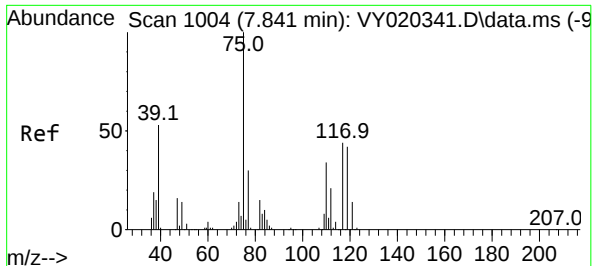
Tgt Ion:114 Resp: 305569
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.8
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.309 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

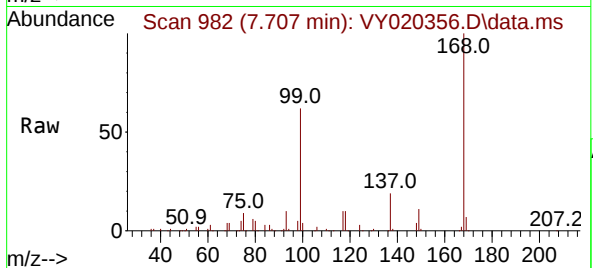
Tgt Ion:113 Resp: 94657
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 18.4 15.1 22.7



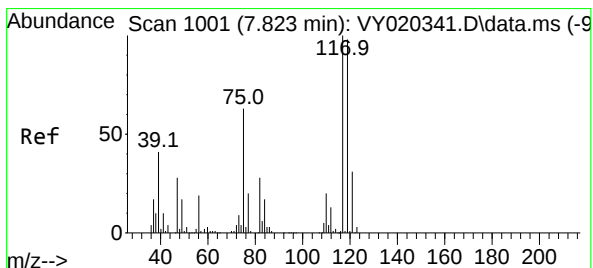
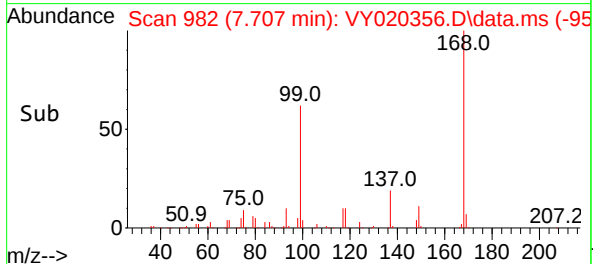
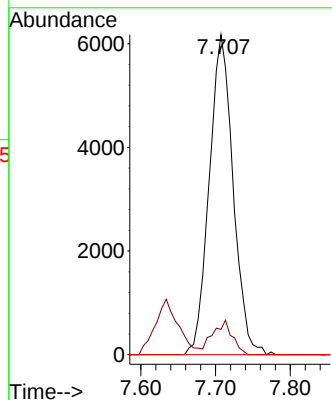


#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

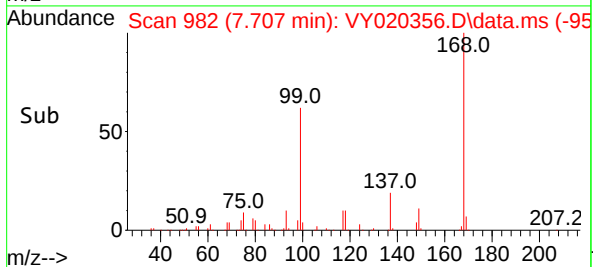
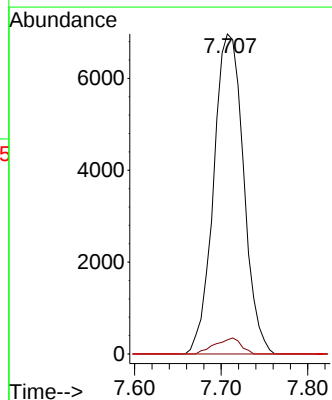
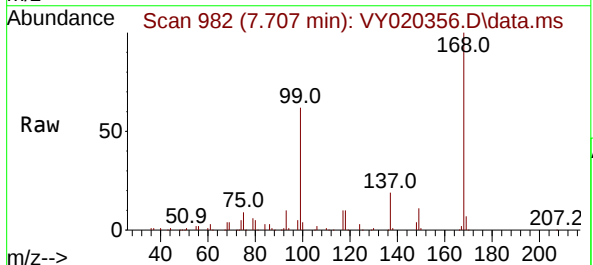


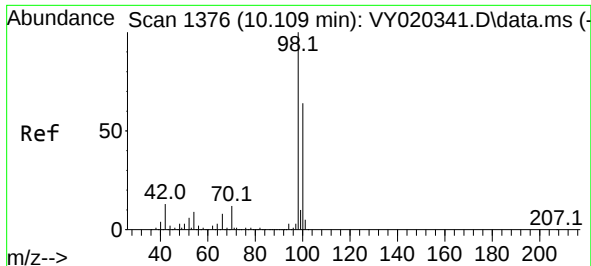
Tgt Ion: 75 Resp: 13701
Ion Ratio Lower Upper
75 100
110 8.7 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.353 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Tgt Ion:117 Resp: 16727
Ion Ratio Lower Upper
117 100
119 4.4 77.8 116.6#
121 0.0 24.6 37.0#

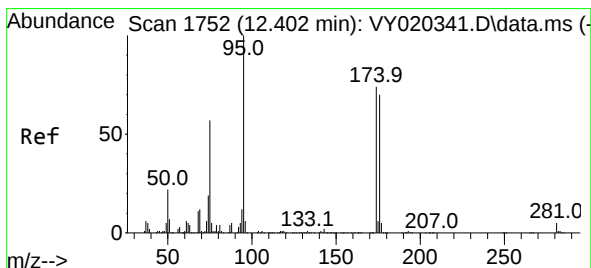
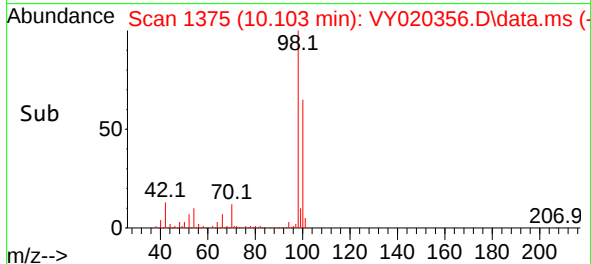
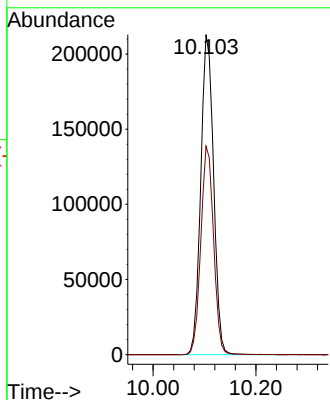
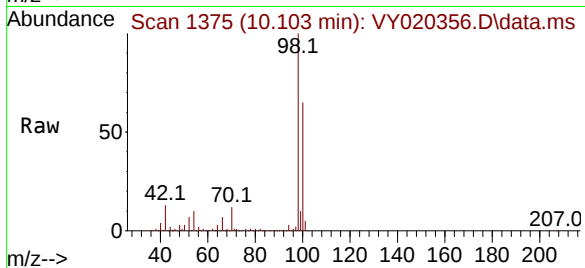




#50
Toluene-d8
Concen: 47.665 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

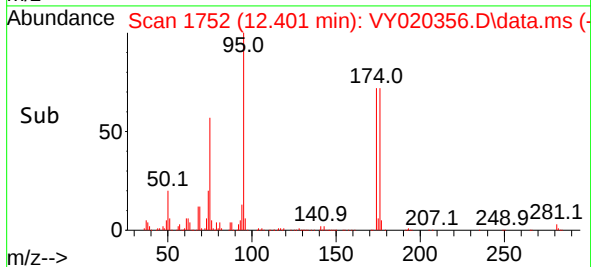
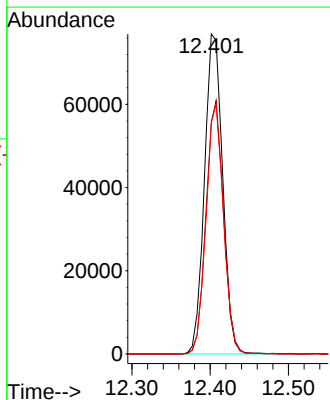
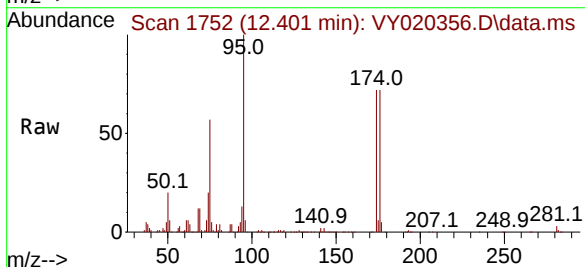
Instrument :
MSVOA_Y
ClientSampleId :

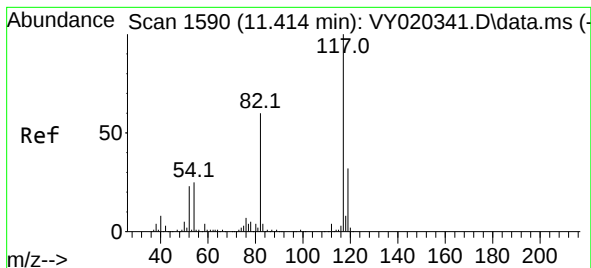
Tgt Ion: 98 Resp: 367898
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 49.920 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Tgt Ion: 95 Resp: 123864
Ion Ratio Lower Upper
95 100
174 76.8 0.0 156.8
176 74.9 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020356.D

Acq: 20 Nov 2024 13:54

Instrument :

MSVOA_Y

ClientSampleId :

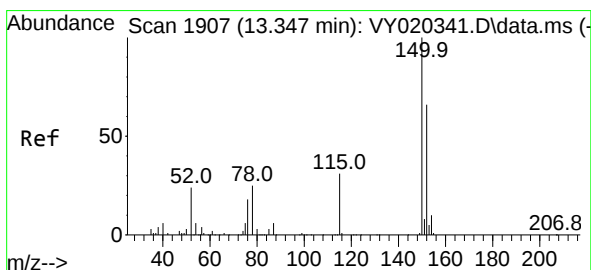
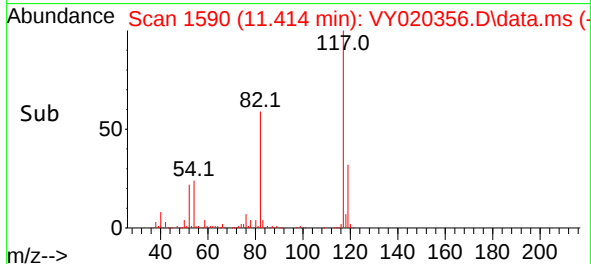
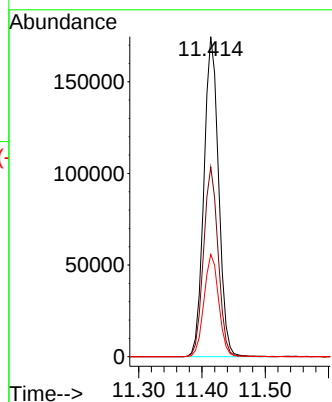
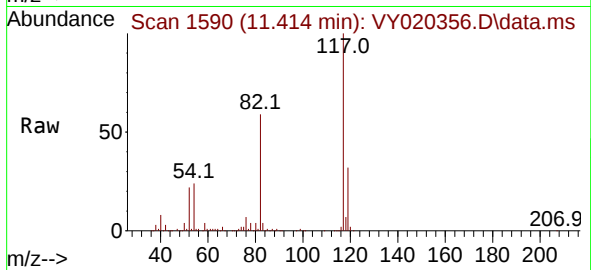
Tgt Ion:117 Resp: 282508

Ion Ratio Lower Upper

117 100

82 59.3 48.2 72.4

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020356.D

Acq: 20 Nov 2024 13:54

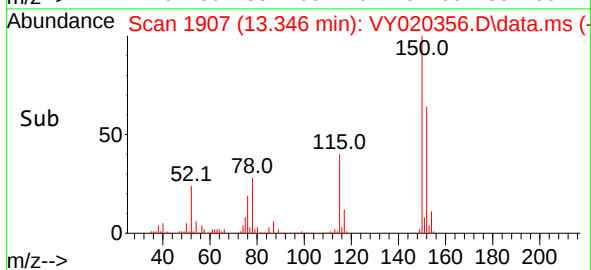
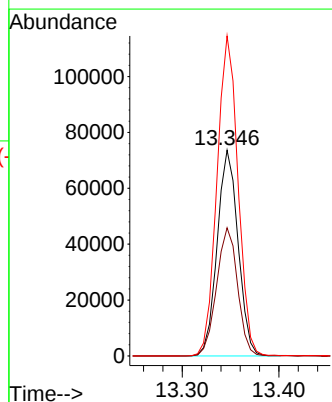
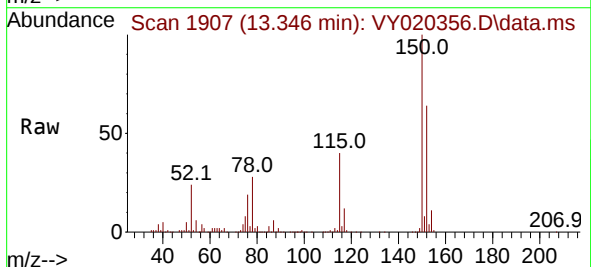
Tgt Ion:152 Resp: 110363

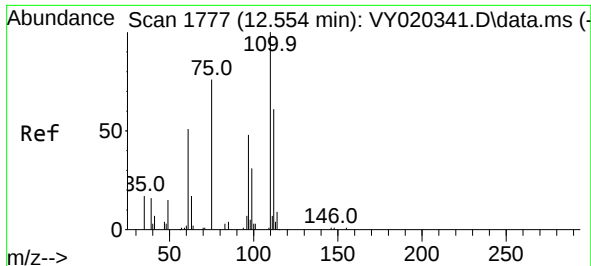
Ion Ratio Lower Upper

152 100

115 62.6 30.0 90.0

150 156.7 0.0 348.2

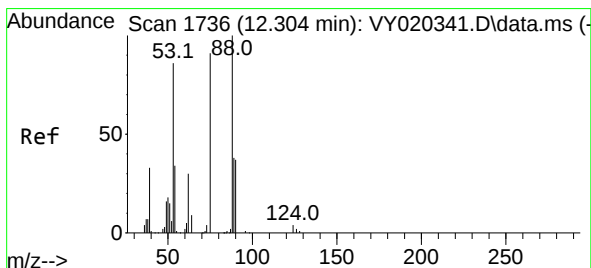
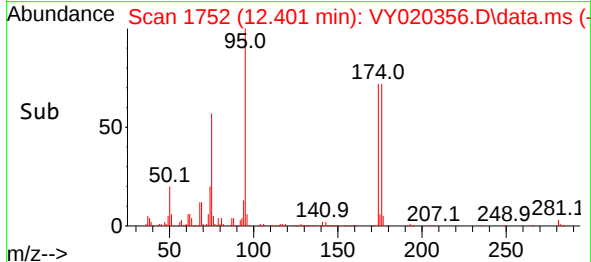
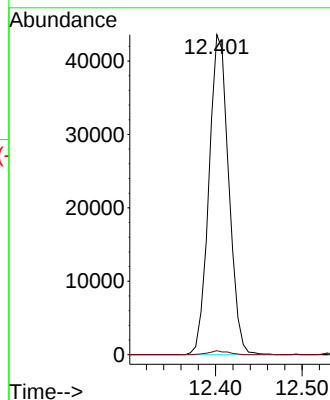
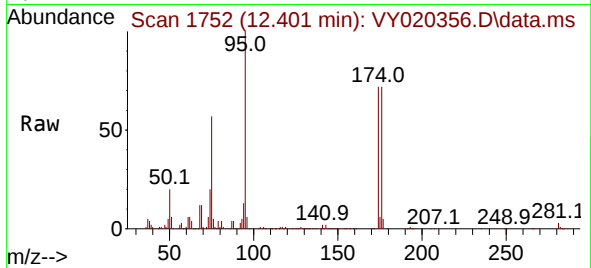




#76
1,2,3-Trichloropropane
Concen: 66.329 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 68996
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.969 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY020356.D
Acq: 20 Nov 2024 13:54

Tgt Ion: 75 Resp: 68996
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

