

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123124\
 Data File : VY020760.D
 Acq On : 31 Dec 2024 10:42
 Operator : SY/MD
 Sample : VY1231SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 01 00:19:59 2025
 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)

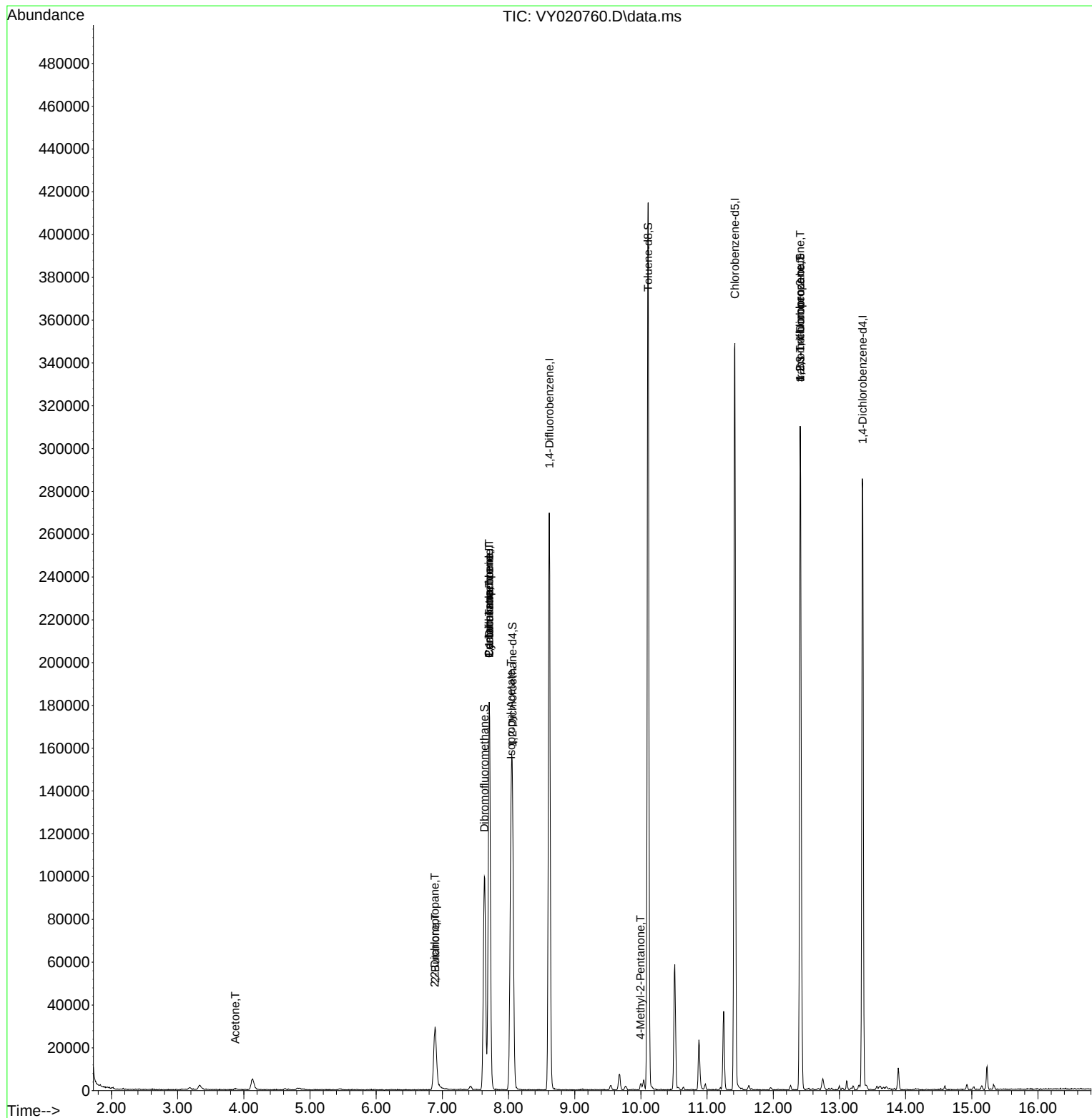
Internal Standards						
1) Pentafluorobenzene	7.707	168	143183	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.616	114	234812	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	197633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	78826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66748	56.913	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.820%	
35) Dibromofluoromethane	7.634	113	71335	55.154	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.300%	
50) Toluene-d8	10.109	98	274686	53.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.408	95	82544	48.023	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.830	59	742	Below Cal	#	89
16) Acetone	3.873	43	1014	6.815	ug/l #	58
25) 2-Butanone	6.890	43	1543	7.677	ug/l #	38
26) 2,2-Dichloropropane	6.884	77	2331	1.091	ug/l #	54
31) Cyclohexane	7.707	56	2616	1.736	ug/l #	14
36) 1,1-Dichloropropene	7.707	75	10439	6.110	ug/l #	50
38) Carbon Tetrachloride	7.707	117	14368	5.107	ug/l #	18
43) Isopropyl Acetate	8.036	43	2270	1.897	ug/l #	1
51) 4-Methyl-2-Pentanone	9.993	43	1992	3.449	ug/l	94
76) 1,2,3-Trichloropropane	12.408	75	43055	85.879	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	43055	169.749	ug/l #	8

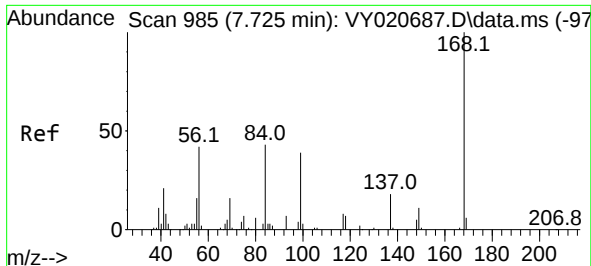
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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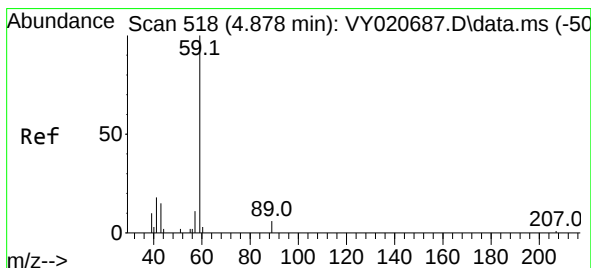
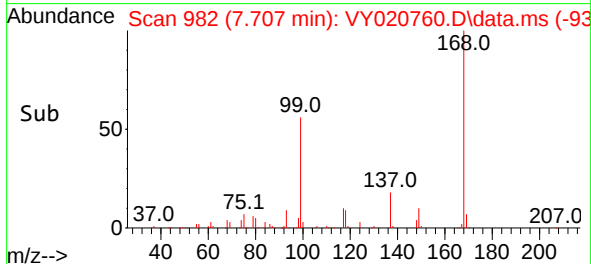
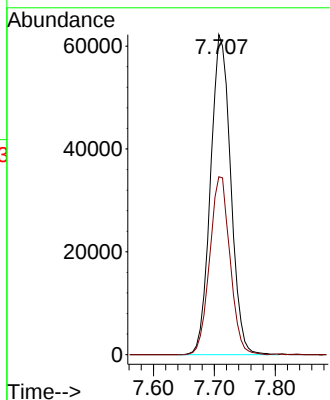
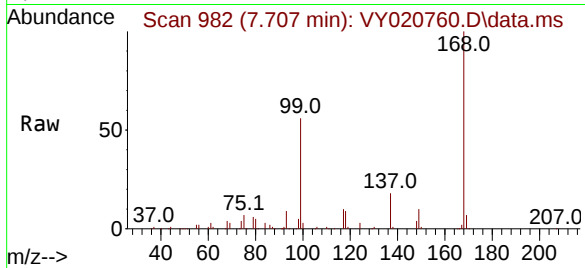




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

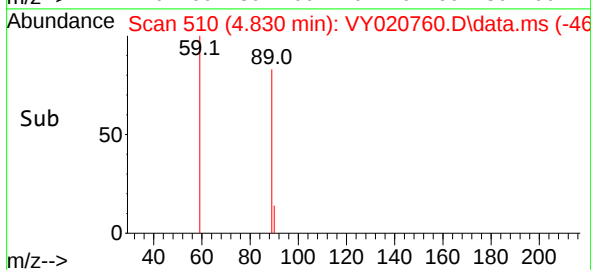
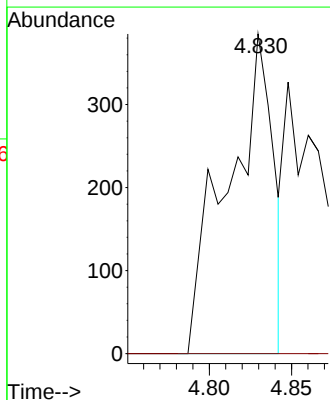
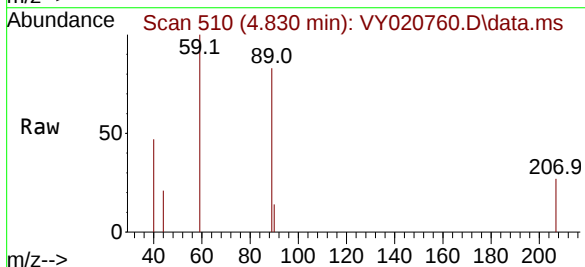
Instrument :
MSVOA_Y
ClientSampleId :

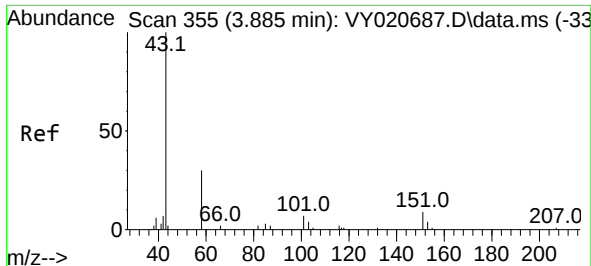
Tgt Ion:168 Resp: 143183
Ion Ratio Lower Upper
168 100
99 55.6 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.830 min Scan# 510
Delta R.T. -0.048 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

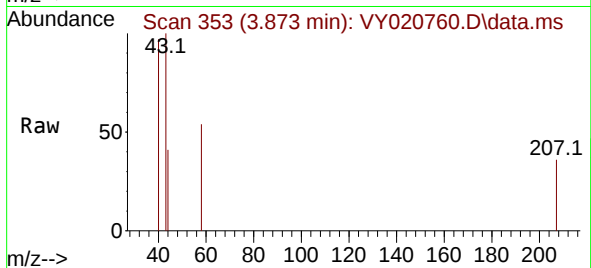
Tgt Ion: 59 Resp: 742
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#



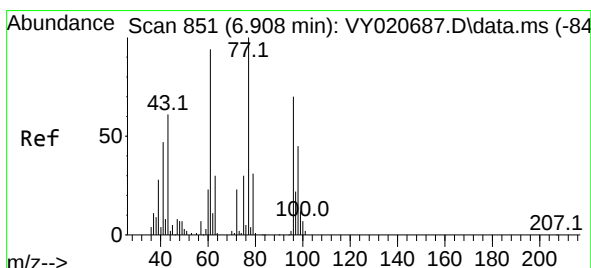
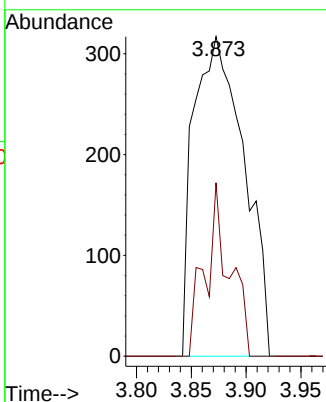
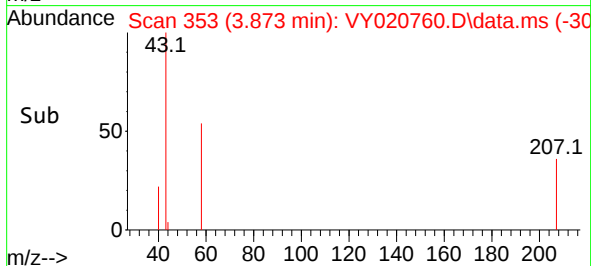


#16
Acetone
Concen: 6.815 ug/l
RT: 3.873 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

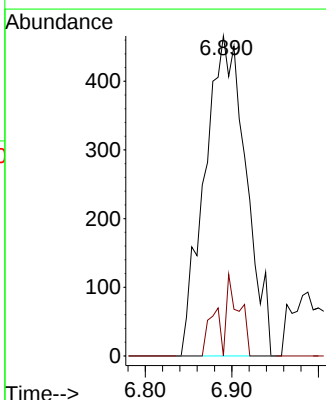
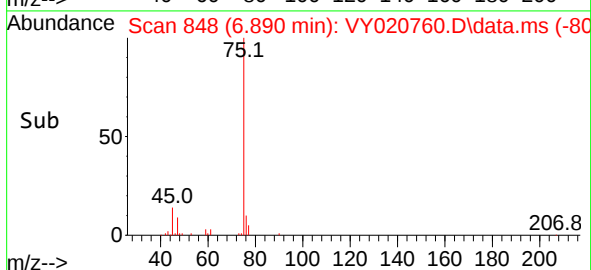
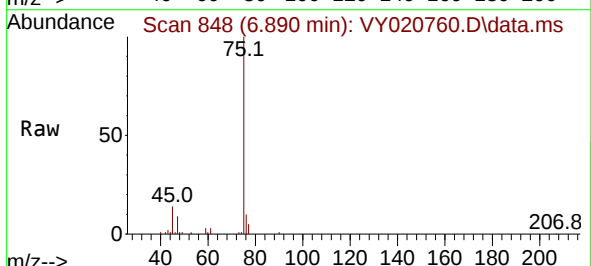


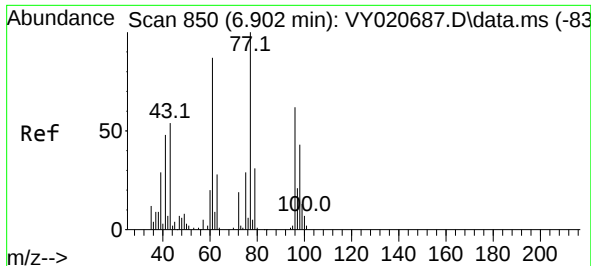
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 54.3 25.0 37.6#



#25
2-Butanone
Concen: 7.677 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

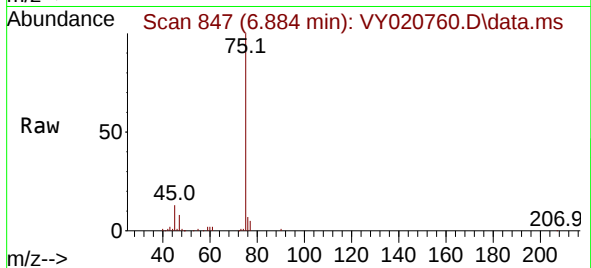
Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
72 0.0 29.5 44.3#



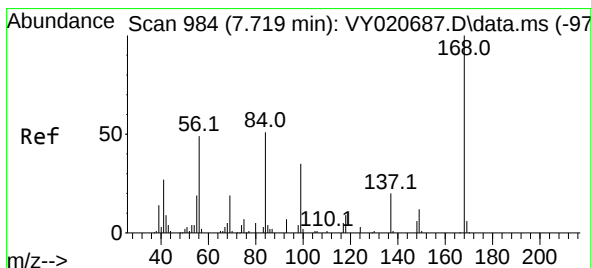
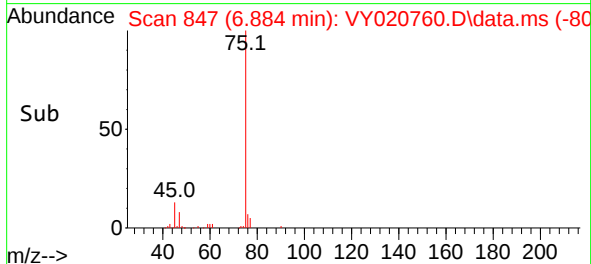
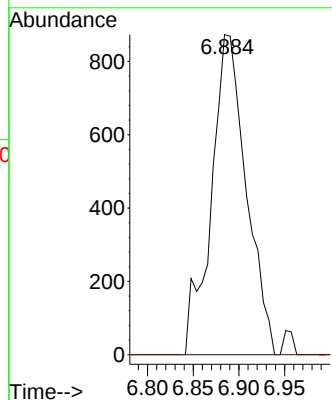


#26
2,2-Dichloropropane
Concen: 1.091 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

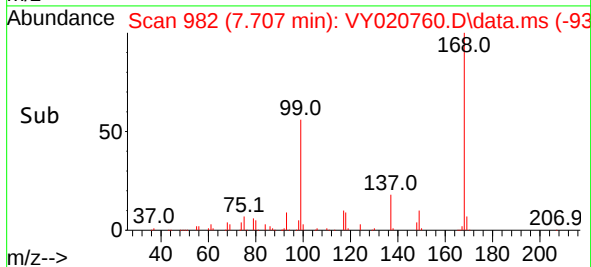
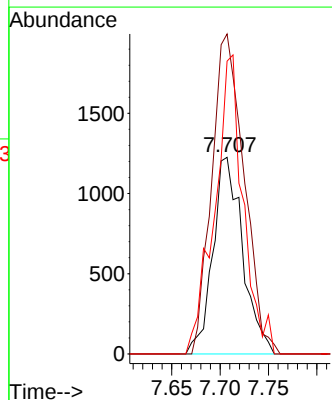
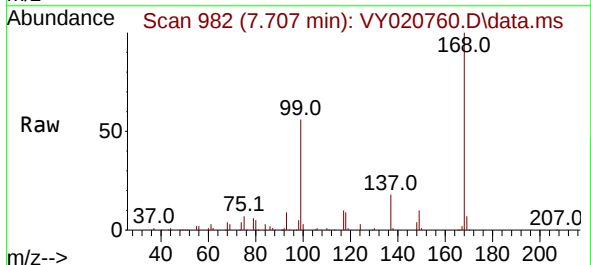


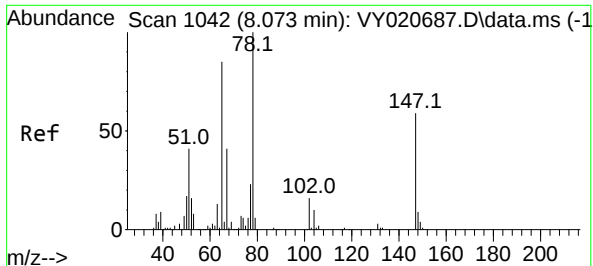
Tgt Ion: 77 Resp: 2331
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#31
Cyclohexane
Concen: 1.736 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.012 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

Tgt Ion: 56 Resp: 2616
Ion Ratio Lower Upper
56 100
69 162.7 31.3 46.9#
84 148.9 83.9 125.9#





#33

1,2-Dichloroethane-d4

Concen: 56.913 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020760.D

Acq: 31 Dec 2024 10:42

Instrument :

MSVOA_Y

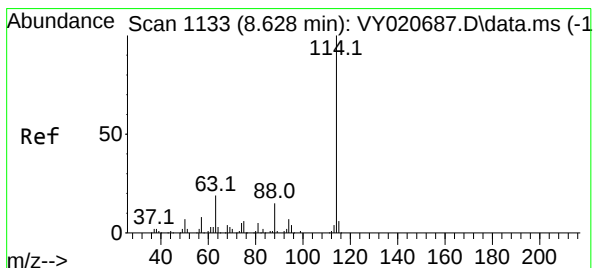
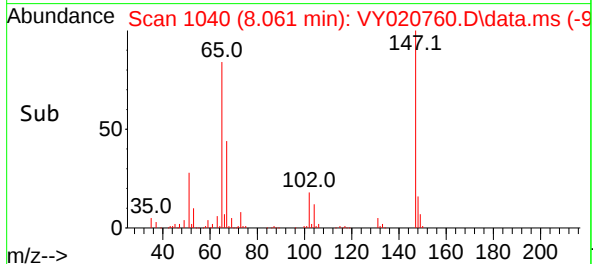
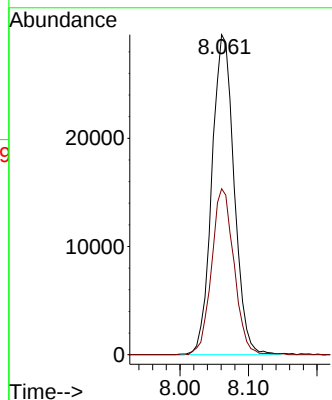
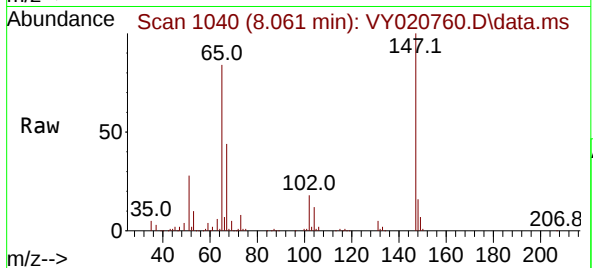
ClientSampleId :

Tgt Ion: 65 Resp: 66748

Ion Ratio Lower Upper

65 100

67 52.3 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020760.D

Acq: 31 Dec 2024 10:42

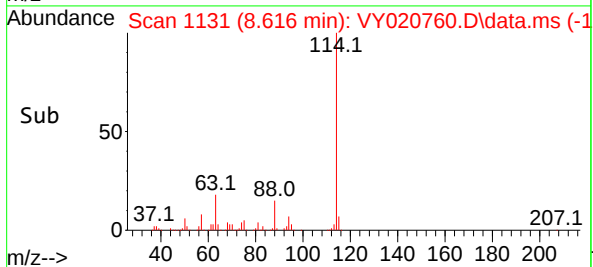
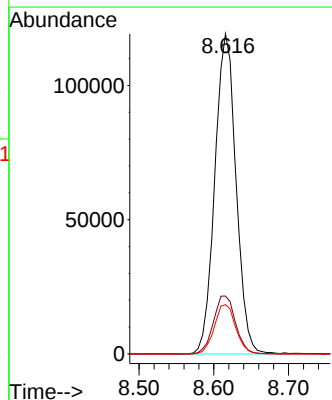
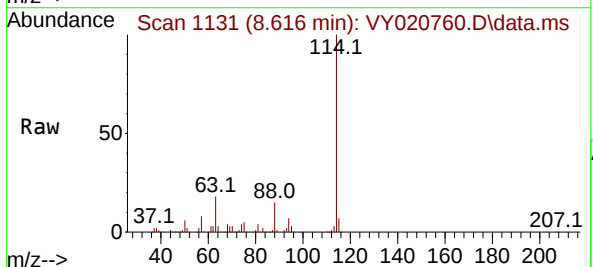
Tgt Ion:114 Resp: 234812

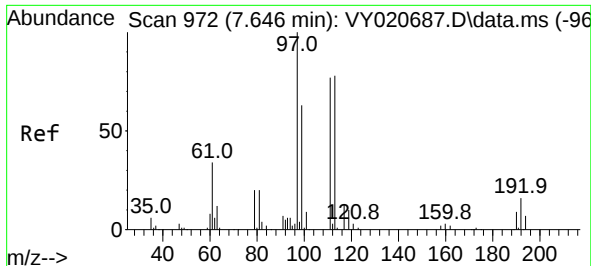
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

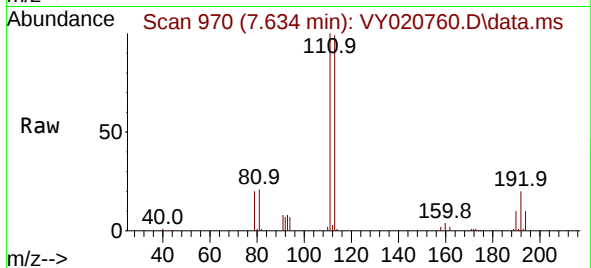
88 15.4 0.0 30.4



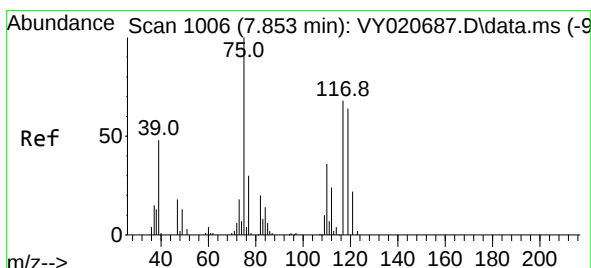
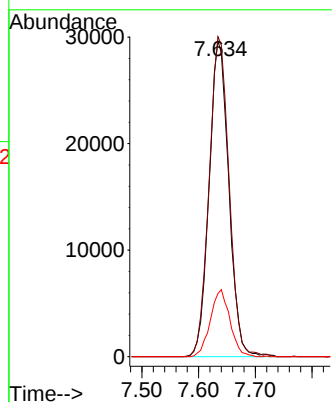
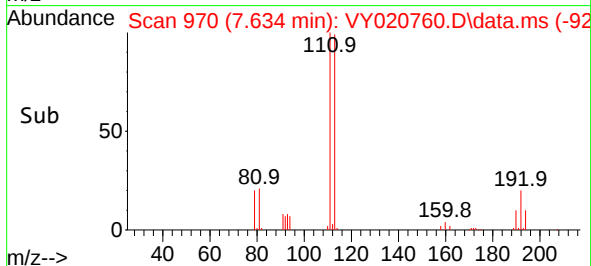


#35
Dibromofluoromethane
Concen: 55.154 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :

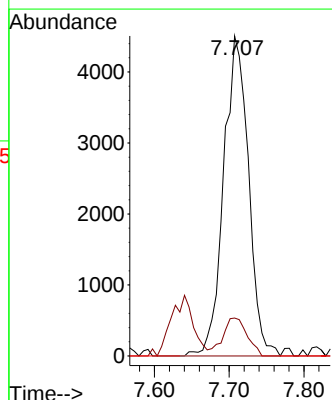
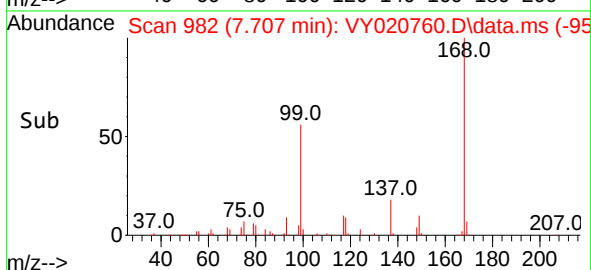
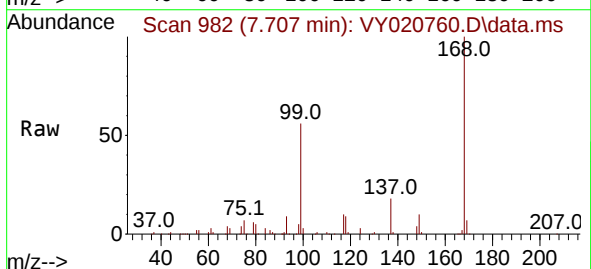


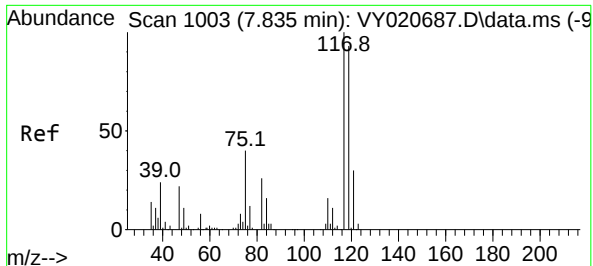
Tgt Ion:113 Resp: 71335
Ion Ratio Lower Upper
113 100
111 103.1 79.8 119.8
192 21.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 6.110 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.146 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

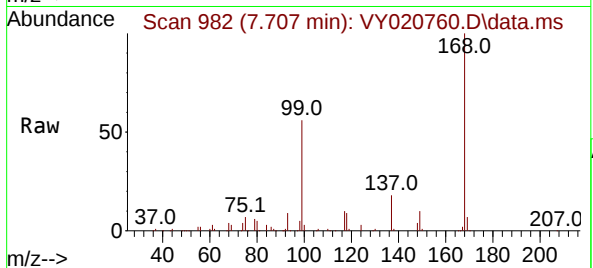
Tgt Ion: 75 Resp: 10439
Ion Ratio Lower Upper
75 100
110 11.6 19.6 58.7#
77 0.0 25.1 37.7#



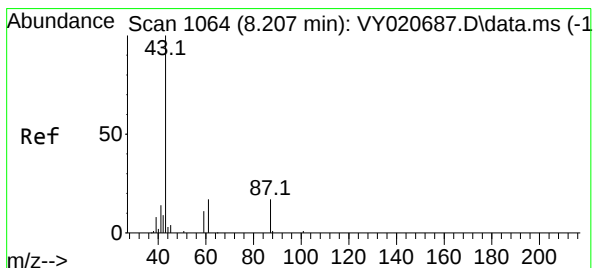
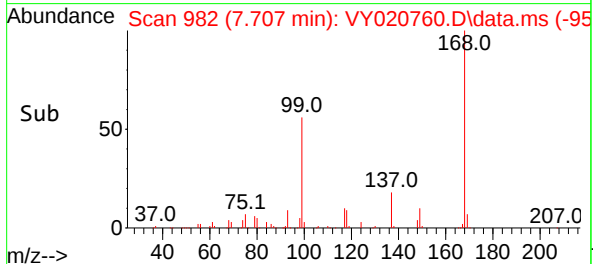
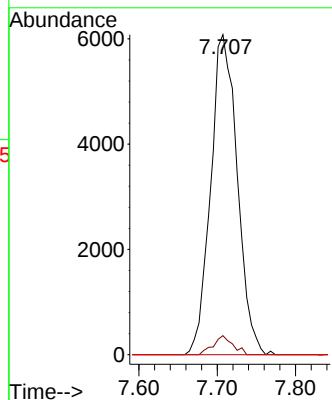


#38
Carbon Tetrachloride
Concen: 5.107 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

Instrument :
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ClientSampleId :

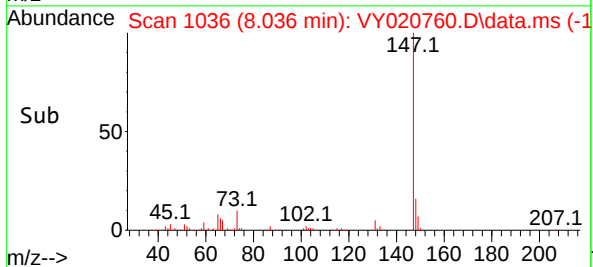
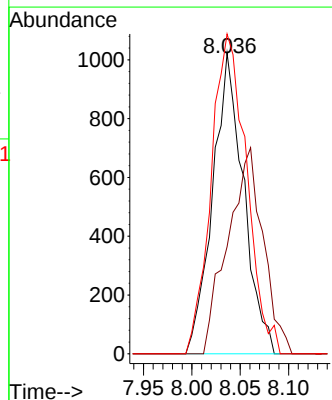
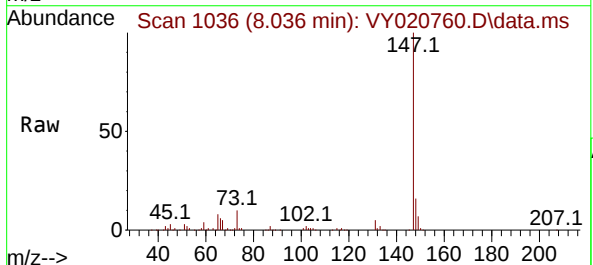


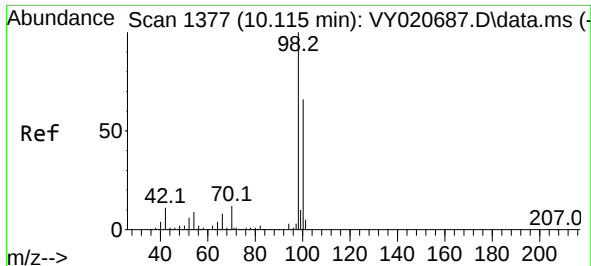
Tgt Ion:117 Resp: 14368
Ion Ratio Lower Upper
117 100
119 5.9 74.4 111.6#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 1.897 ug/l
RT: 8.036 min Scan# 1036
Delta R.T. -0.171 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
61 0.0 27.0 40.4#
87 121.7 14.2 21.4#

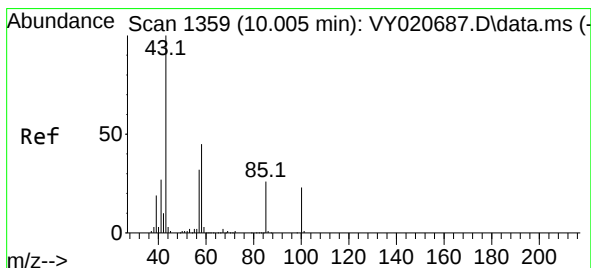
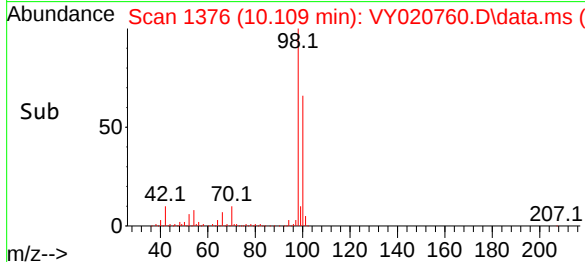
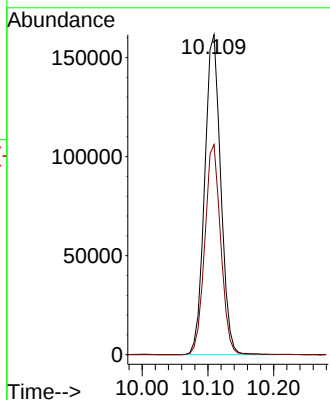
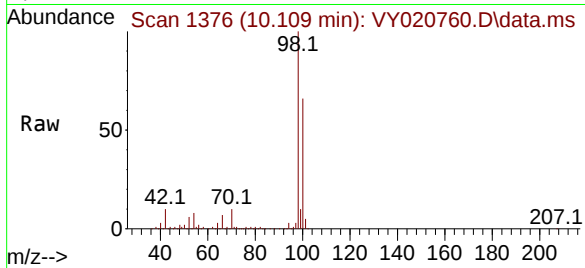




#50
Toluene-d8
Concen: 53.289 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

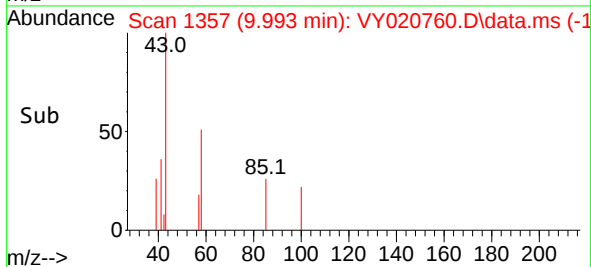
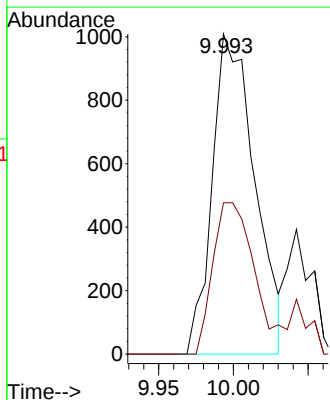
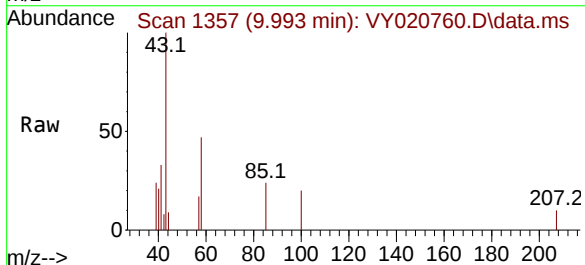
Instrument :
MSVOA_Y
ClientSampleId :

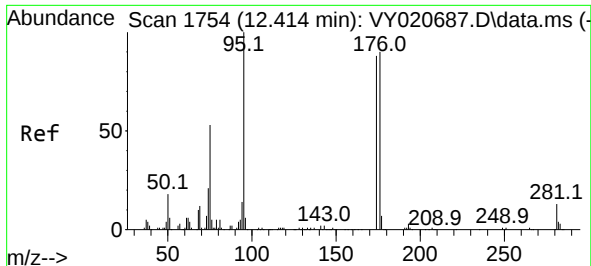
Tgt Ion: 98 Resp: 274686
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 3.449 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

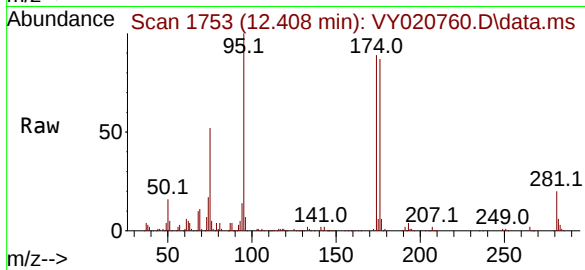
Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
58 47.5 35.1 52.7



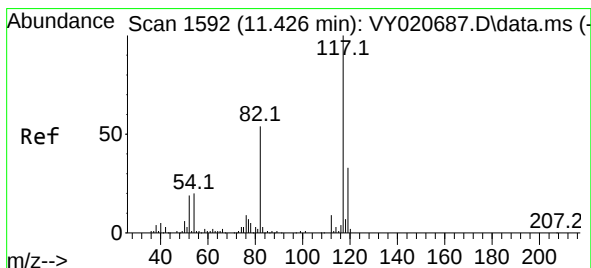
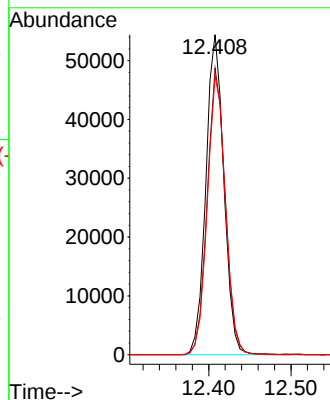
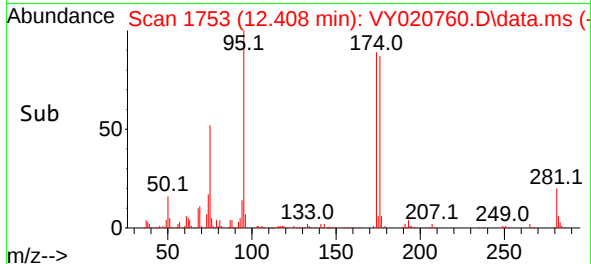


#62
4-Bromofluorobenzene
Concen: 48.023 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

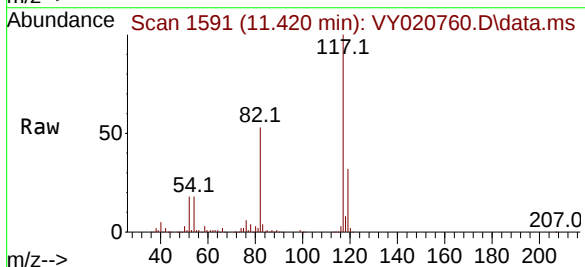
Instrument :
MSVOA_Y
ClientSampleId :



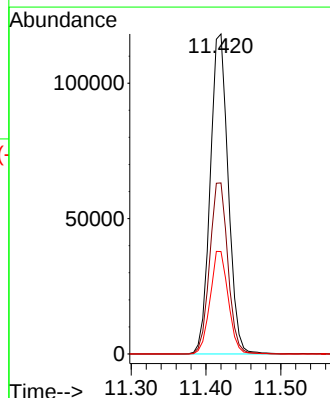
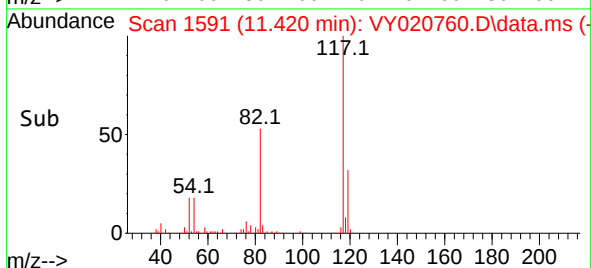
Tgt Ion: 95 Resp: 82544
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.2
176 87.8 0.0 179.8

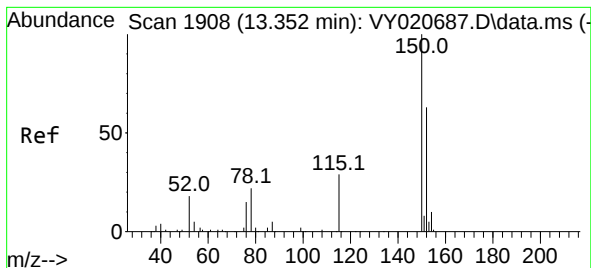


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42



Tgt Ion: 117 Resp: 197633
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.2
119 32.0 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

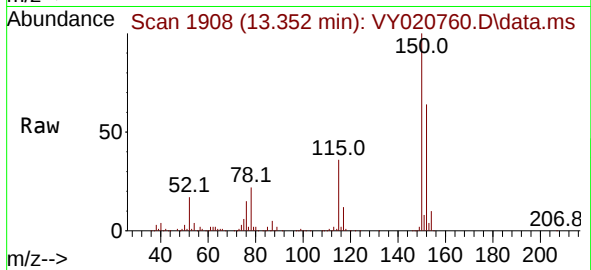
Lab File: VY020760.D

Acq: 31 Dec 2024 10:42

Instrument :

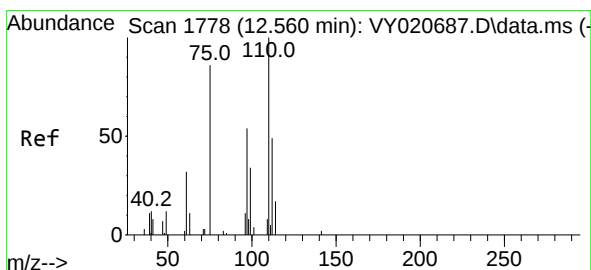
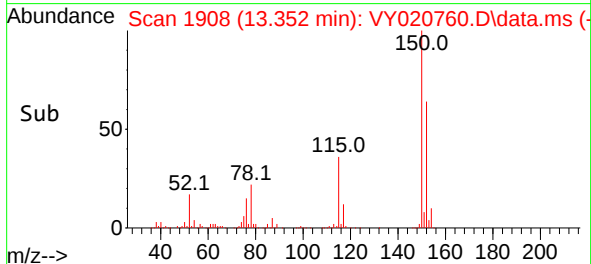
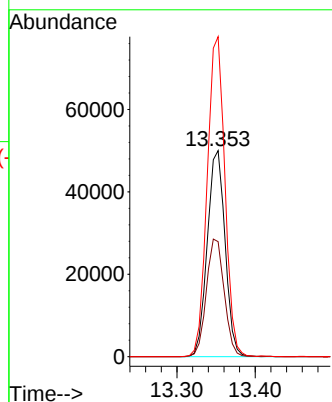
MSVOA_Y

ClientSampleId :



Tgt Ion:152 Resp: 78826

Ion	Ratio	Lower	Upper
152	100		
115	57.5	30.3	90.9
150	154.1	0.0	349.0



#76

1,2,3-Trichloropropane

Concen: 85.879 ug/l

RT: 12.408 min Scan# 1753

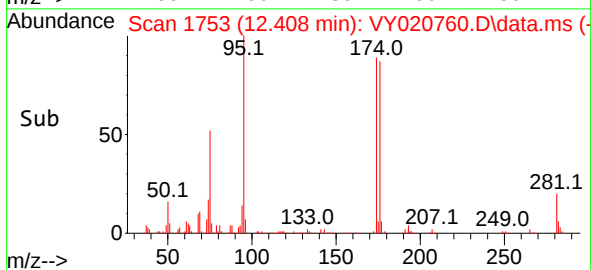
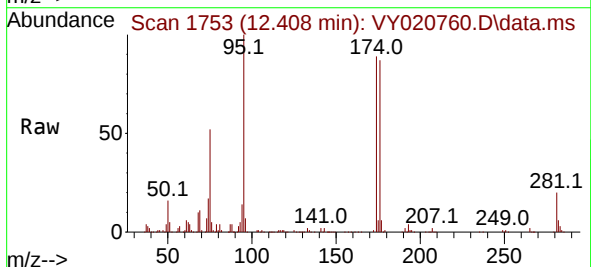
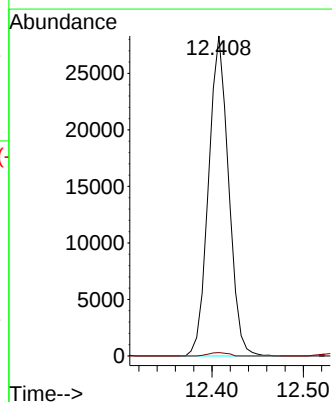
Delta R.T. -0.152 min

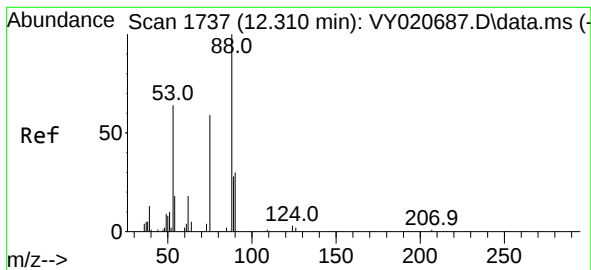
Lab File: VY020760.D

Acq: 31 Dec 2024 10:42

Tgt Ion: 75 Resp: 43055

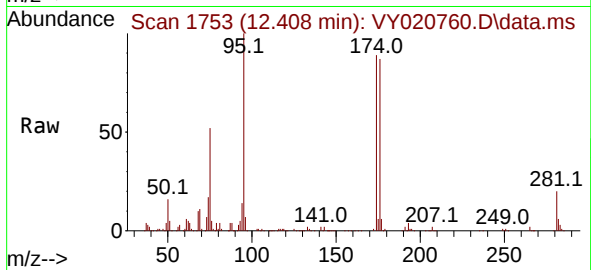
Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 169.749 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020760.D
 Acq: 31 Dec 2024 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 43055
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.1 124.7#
 89 0.5 40.6 61.0#

