

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020863.D
 Acq On : 17 Jan 2025 18:17
 Operator : SY/MD
 Sample : Q1115-12RE
 Misc : 3.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:29:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

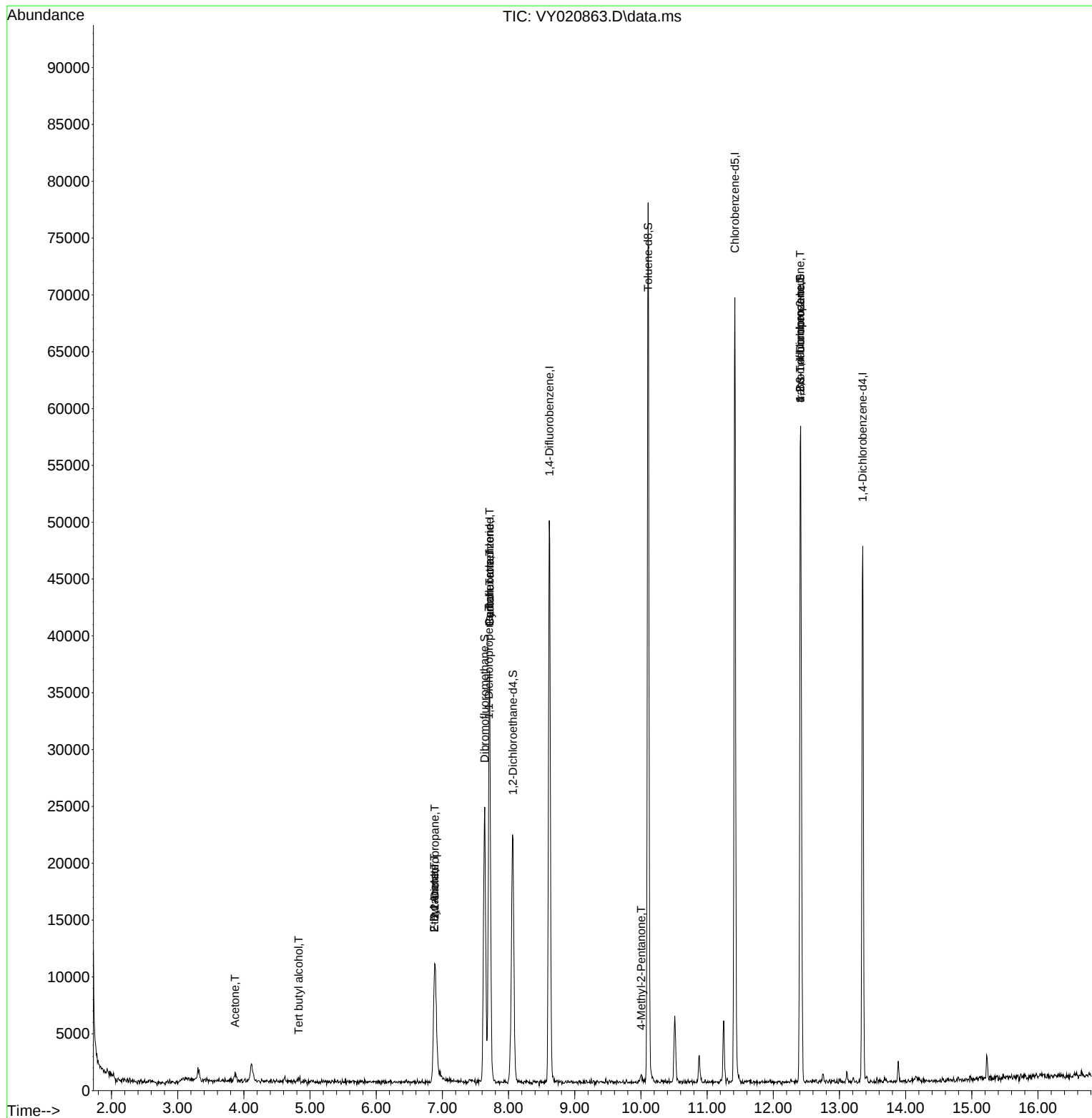
Internal Standards						
1) Pentafluorobenzene	7.713	168	29977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	46528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	40624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	13678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	17405	68.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.620%	
35) Dibromofluoromethane	7.640	113	17103	58.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.340%	
50) Toluene-d8	10.109	98	53172	52.327	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.407	95	14917	39.752	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.829	59	176	9.141	ug/l #	73
16) Acetone	3.866	43	1066	29.421	ug/l	95
25) 2-Butanone	6.878	43	315	5.293	ug/l #	45
26) 2,2-Dichloropropane	6.884	77	1113	2.262	ug/l #	53
31) Cyclohexane	7.713	56	418	1.127	ug/l #	47
36) 1,1-Dichloropropene	7.701	75	2214	5.955	ug/l #	47
37) Ethyl Acetate	6.878	43	315	2.129	ug/l #	1
38) Carbon Tetrachloride	7.713	117	2975	5.748	ug/l #	12
51) 4-Methyl-2-Pentanone	10.005	43	618	4.111	ug/l #	75
76) 1,2,3-Trichloropropane	12.407	75	7629	63.745	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	7629	134.409	ug/l #	14

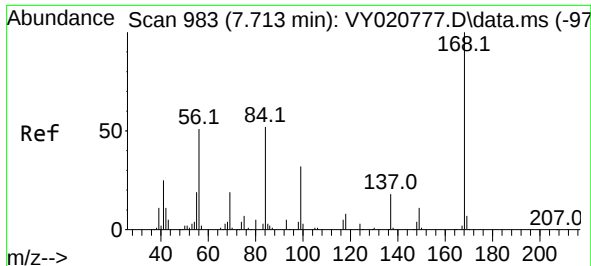
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
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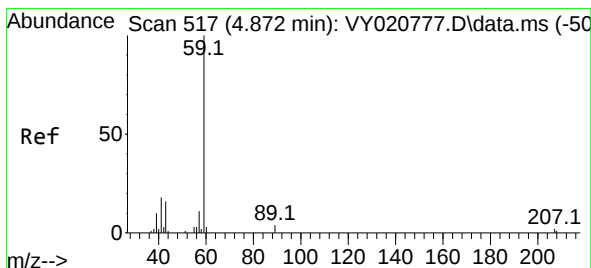
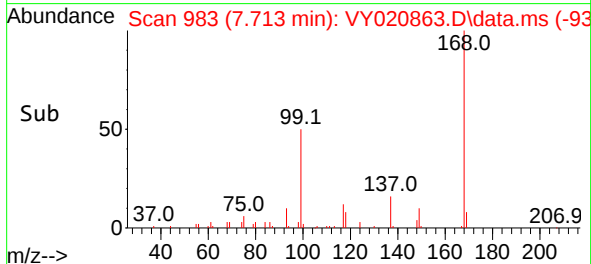
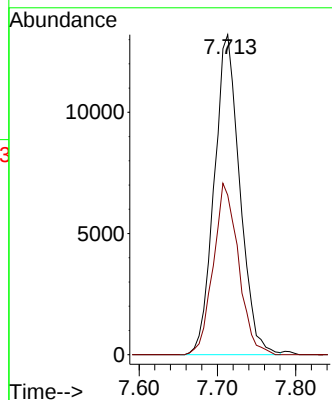
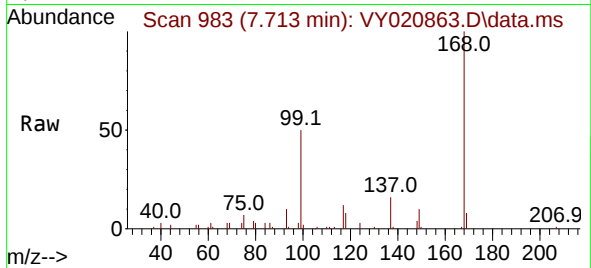




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

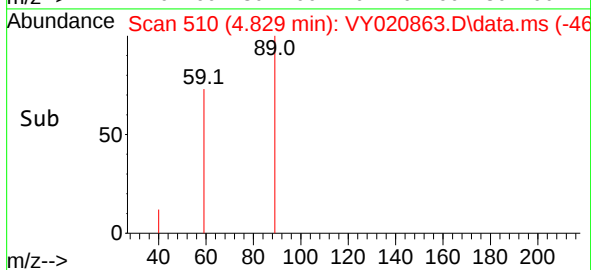
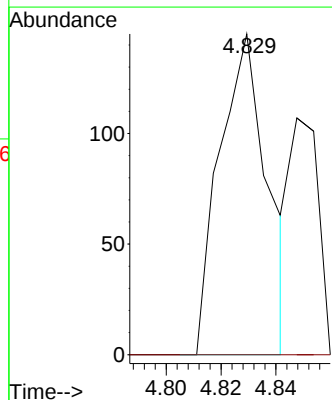
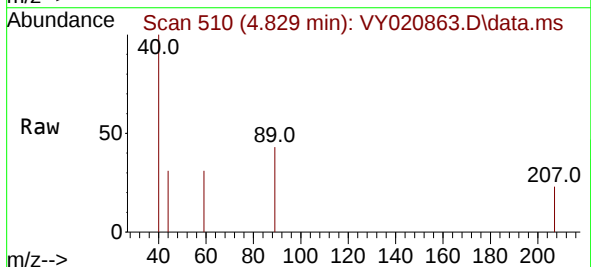
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 29977
Ion Ratio Lower Upper
168 100
99 49.9 44.3 66.5



#11
Tert butyl alcohol
Concen: 9.141 ug/l
RT: 4.829 min Scan# 510
Delta R.T. -0.043 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

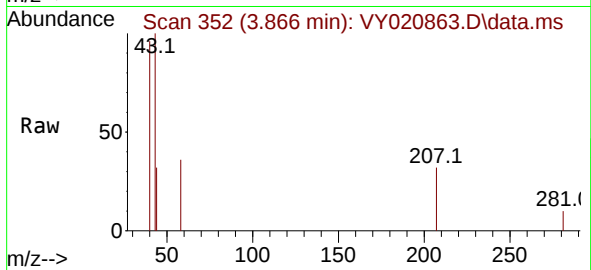
Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



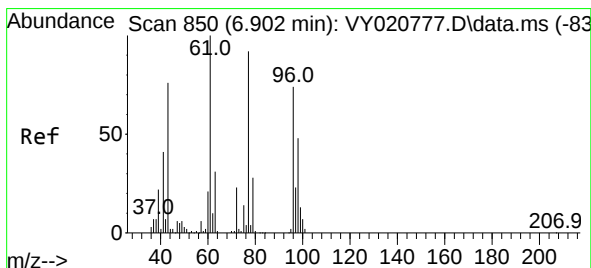
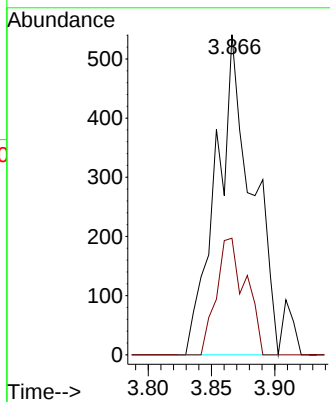
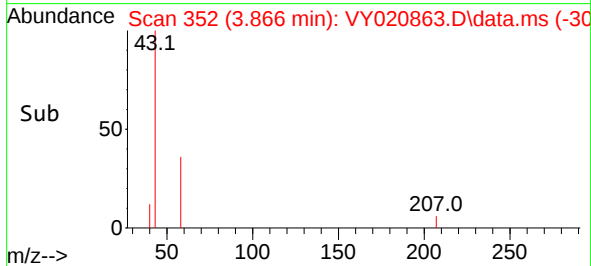


#16
Acetone
Concen: 29.421 ug/l
RT: 3.866 min Scan# 316
Delta R.T. -0.013 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

Instrument :
MSVOA_Y
ClientSampleId :

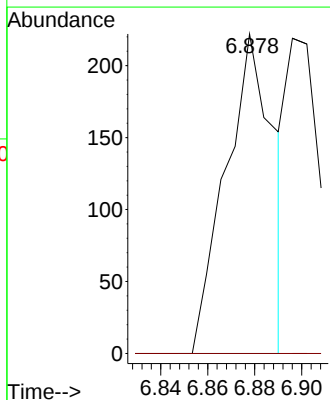
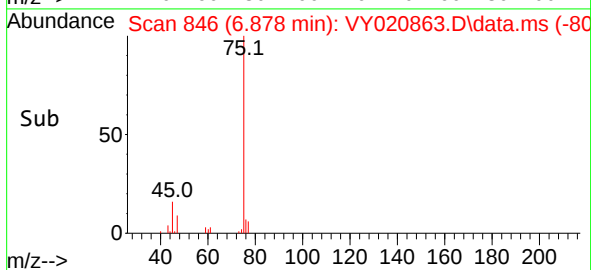
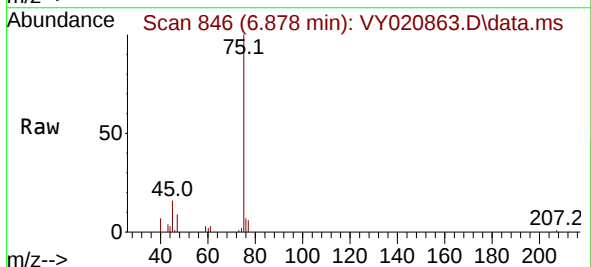


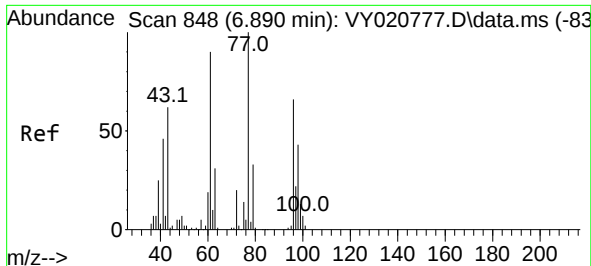
Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 36.4 26.7 40.1



#25
2-Butanone
Concen: 5.293 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.025 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#





#26

2,2-Dichloropropane

Concen: 2.262 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

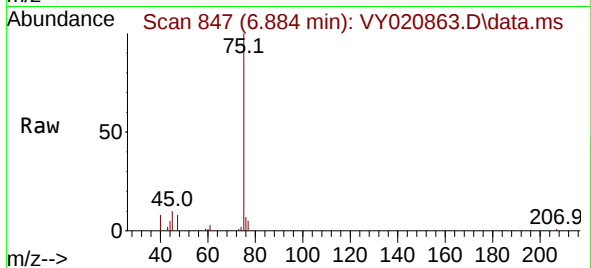
Lab File: VY020863.D

Acq: 17 Jan 2025 18:17

Instrument :

MSVOA_Y

ClientSampleId :

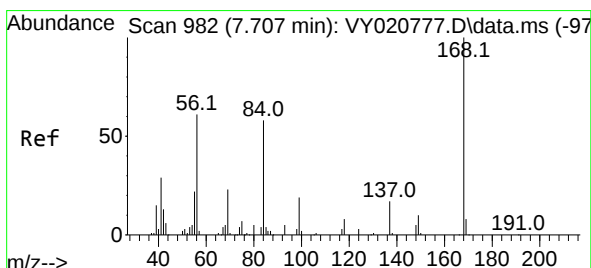
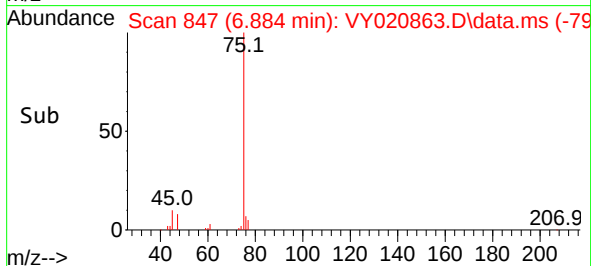
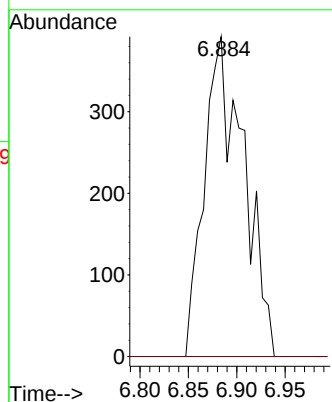


Tgt Ion: 77 Resp: 1113

Ion Ratio Lower Upper

77 100

97 0.0 11.3 33.8#



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.006 min

Lab File: VY020863.D

Acq: 17 Jan 2025 18:17

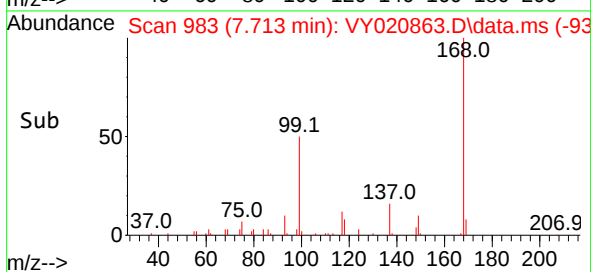
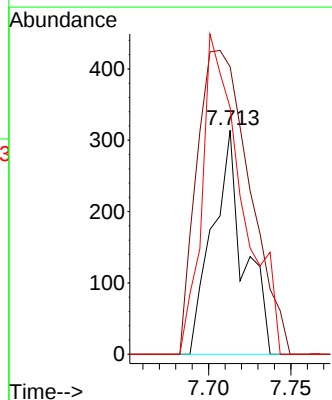
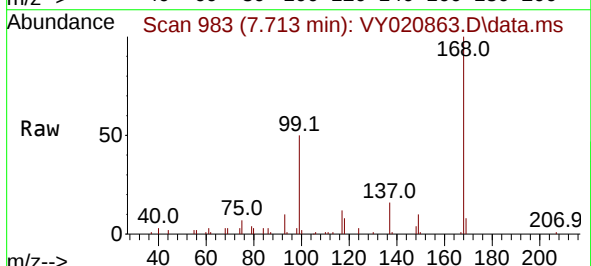
Tgt Ion: 56 Resp: 418

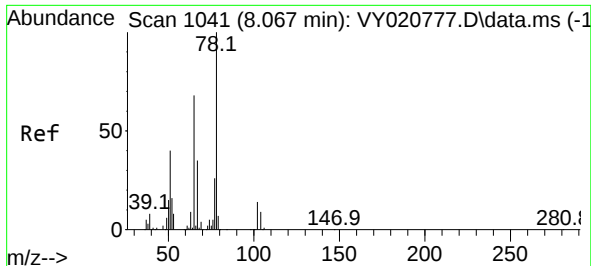
Ion Ratio Lower Upper

56 100

69 128.3 30.5 45.7#

84 110.2 76.6 115.0





#33

1,2-Dichloroethane-d4

Concen: 68.310 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY020863.D

Acq: 17 Jan 2025 18:17

Instrument :

MSVOA_Y

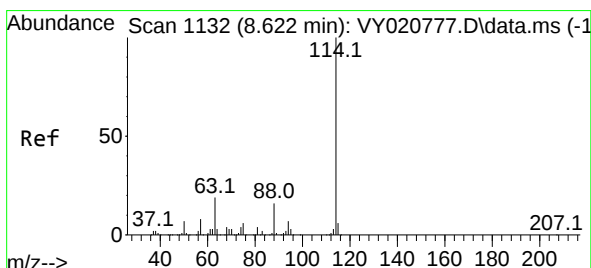
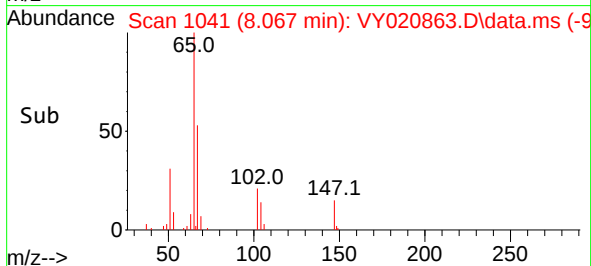
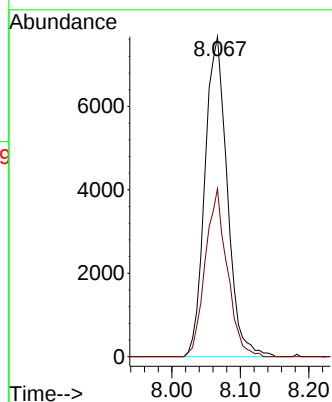
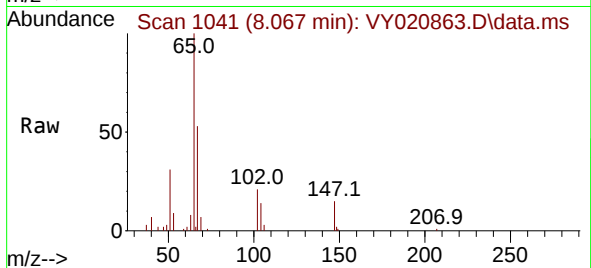
ClientSampleId :

Tgt Ion: 65 Resp: 17405

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020863.D

Acq: 17 Jan 2025 18:17

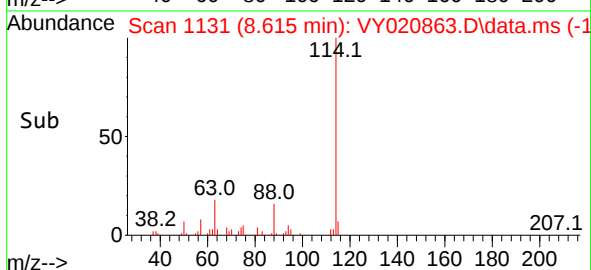
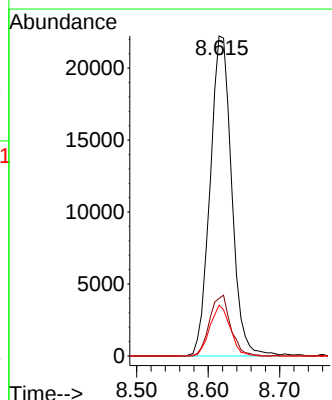
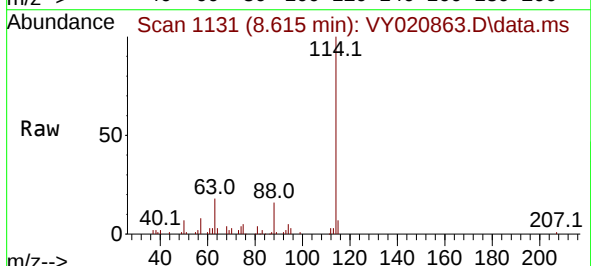
Tgt Ion: 114 Resp: 46528

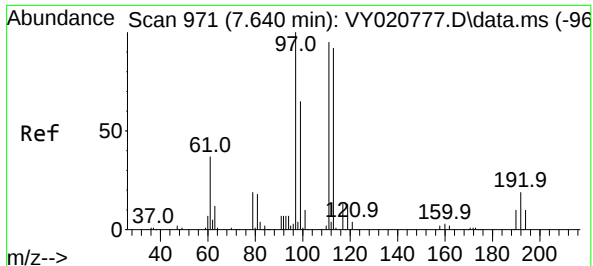
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

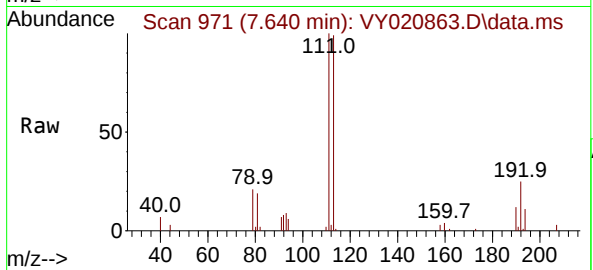
88 15.8 0.0 31.2



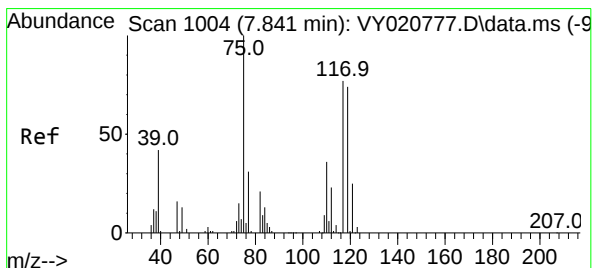
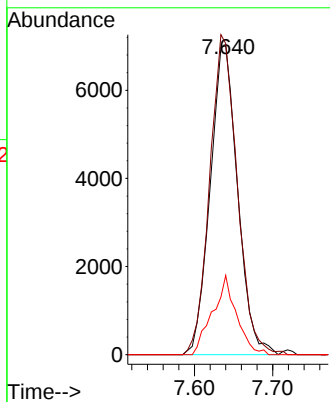
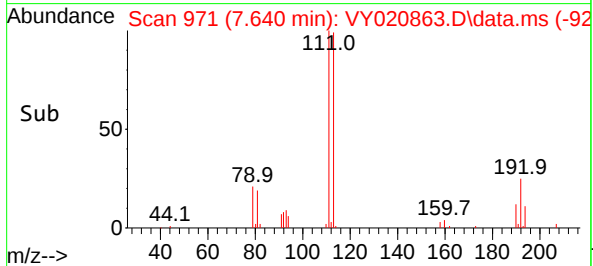


#35
Dibromofluoromethane
Concen: 58.674 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

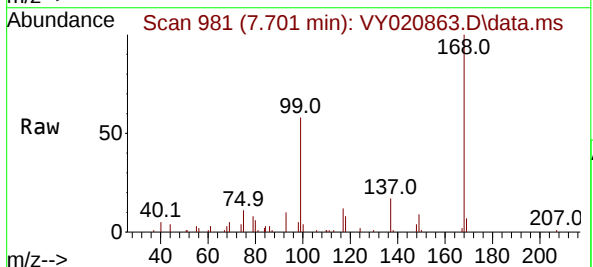
Instrument :
MSVOA_Y
ClientSampleId :



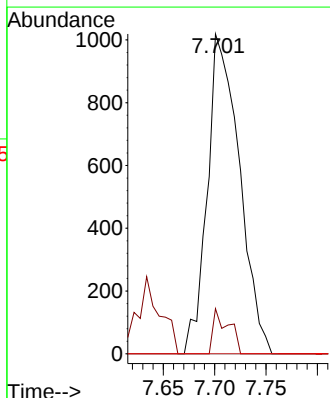
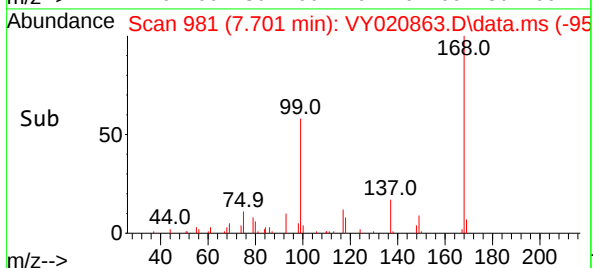
Tgt Ion:113 Resp: 17103
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 22.3 16.7 25.1

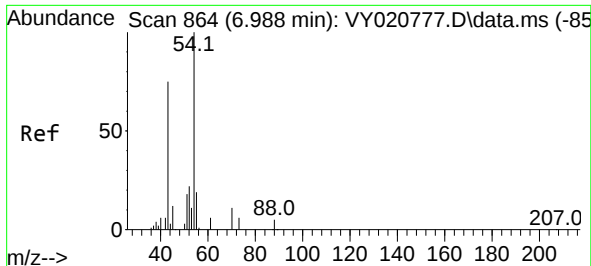


#36
1,1-Dichloropropene
Concen: 5.955 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.141 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17



Tgt Ion: 75 Resp: 2214
Ion Ratio Lower Upper
75 100
110 6.8 18.5 55.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 2.129 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.110 min

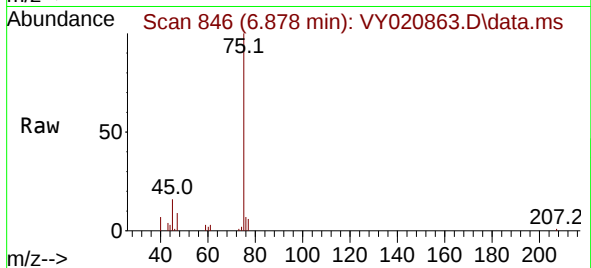
Lab File: VY020863.D

Acq: 17 Jan 2025 18:17

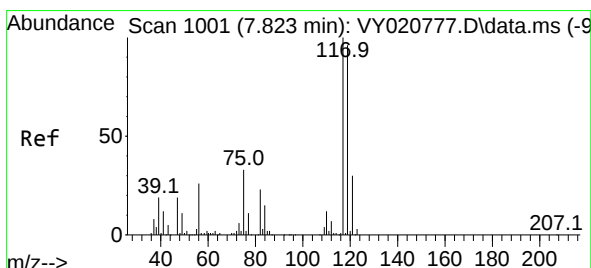
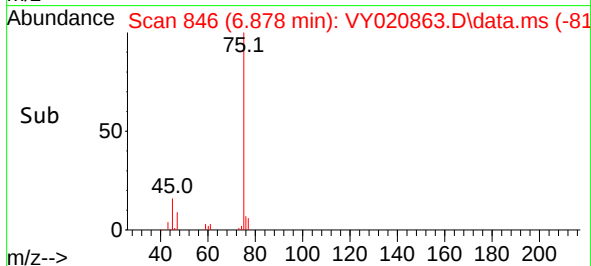
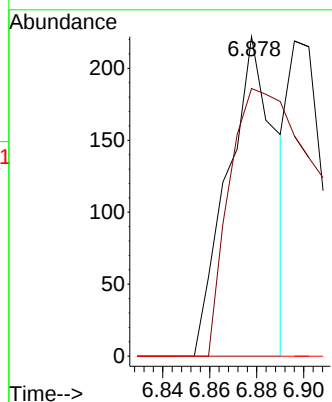
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	315
Ion	Ratio	Lower	Upper
43	100		
61	158.4	11.8	17.6#
70	0.0	9.8	14.8#



#38

Carbon Tetrachloride

Concen: 5.748 ug/l

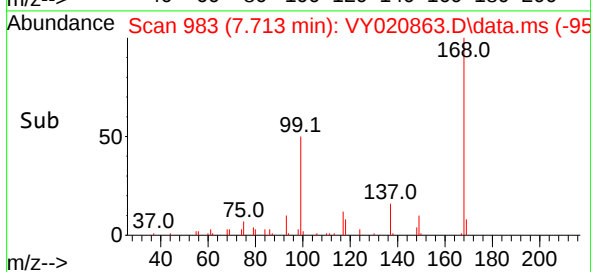
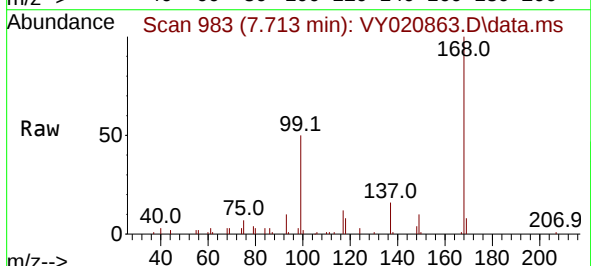
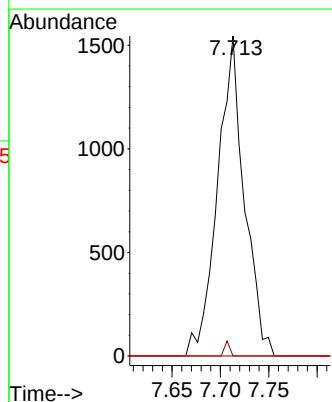
RT: 7.713 min Scan# 983

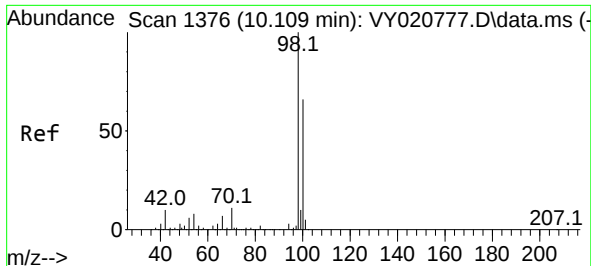
Delta R.T. -0.110 min

Lab File: VY020863.D

Acq: 17 Jan 2025 18:17

Tgt Ion:	117	Resp:	2975
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.5	114.7#
121	0.0	24.3	36.5#

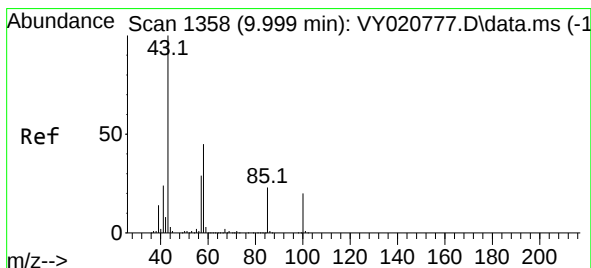
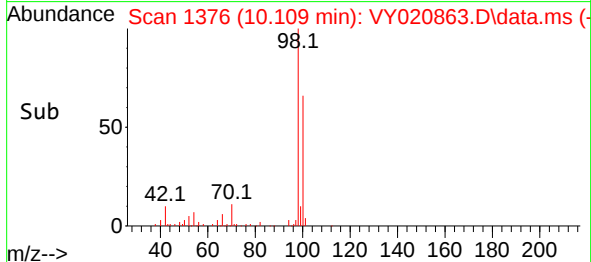
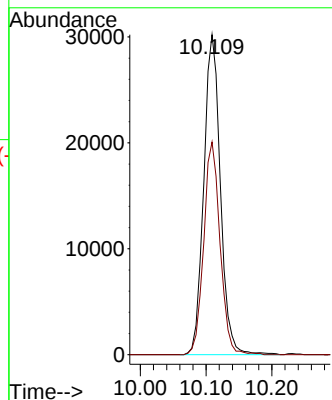
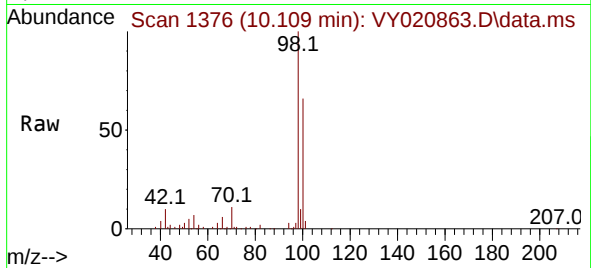




#50
Toluene-d8
Concen: 52.327 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

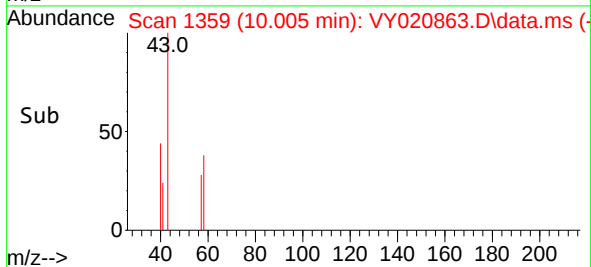
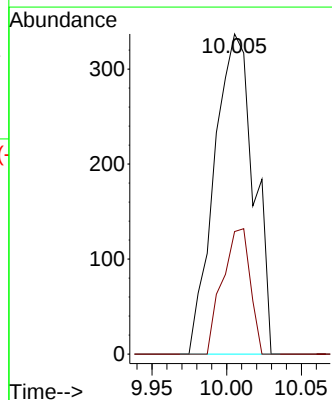
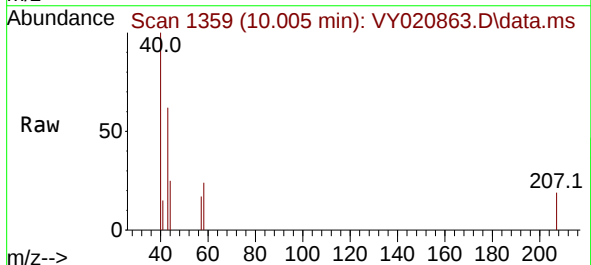
Instrument :
MSVOA_Y
ClientSampleId :

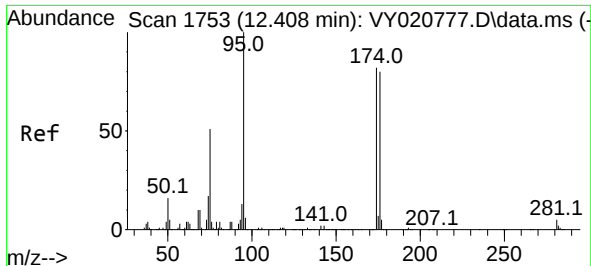
Tgt Ion: 98 Resp: 53172
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 4.111 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
58 27.5 34.8 52.2#

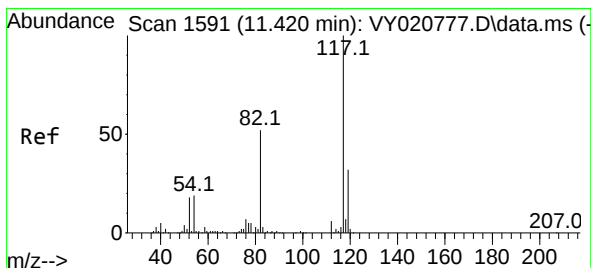
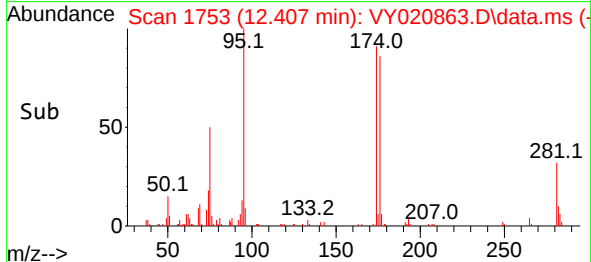
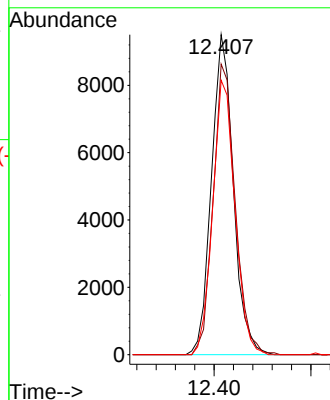
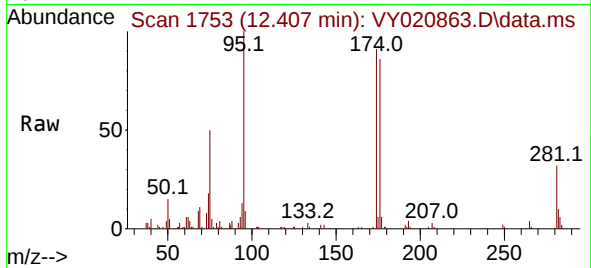




#62
4-Bromofluorobenzene
Concen: 39.752 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

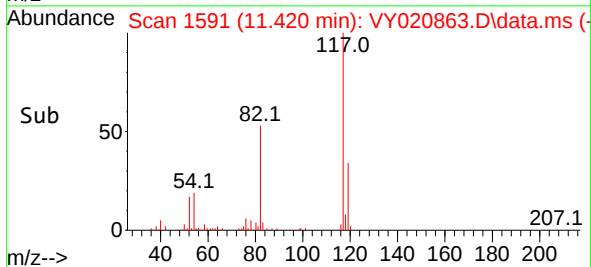
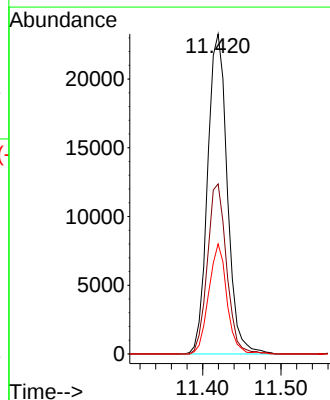
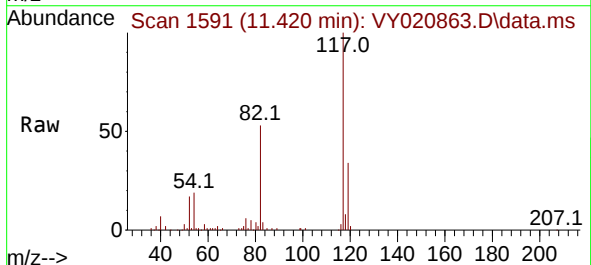
Instrument :
MSVOA_Y
ClientSampleId :

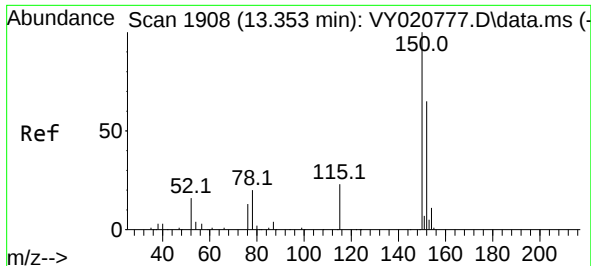
Tgt Ion: 95 Resp: 14917
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.0
176 87.0 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020863.D
Acq: 17 Jan 2025 18:17

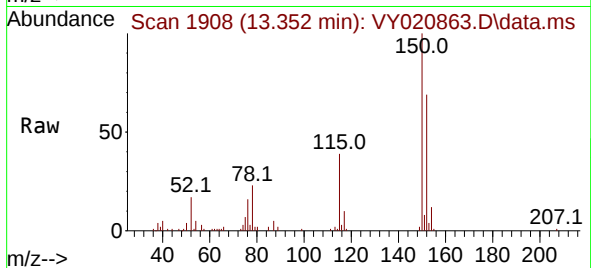
Tgt Ion: 117 Resp: 40624
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 34.4 25.8 38.8



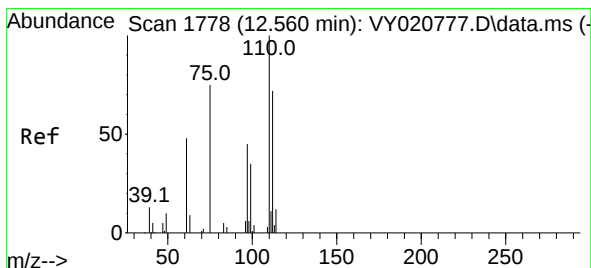
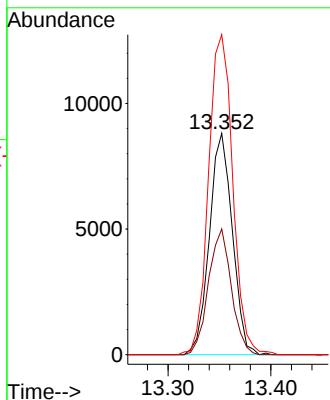
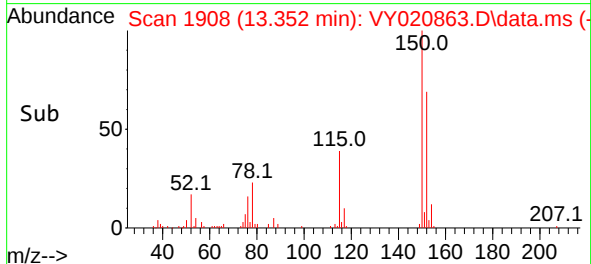


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY020863.D
 Acq: 17 Jan 2025 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :

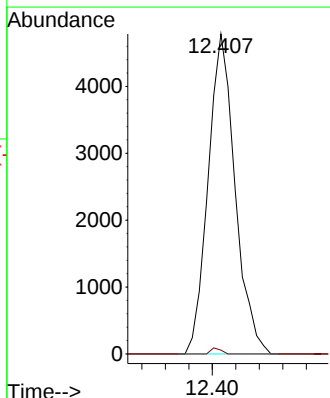
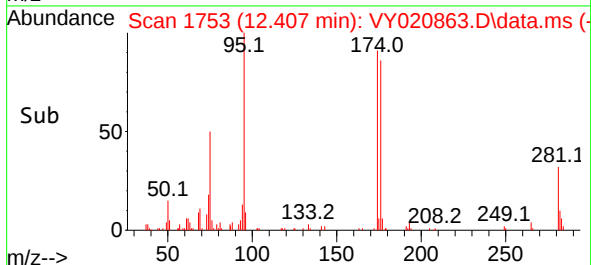
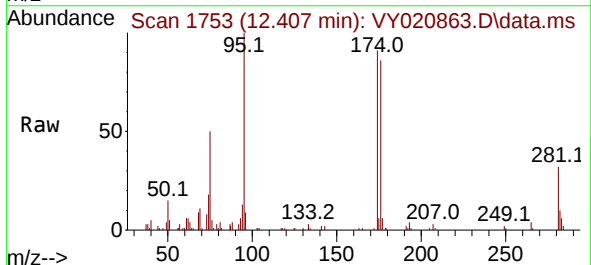


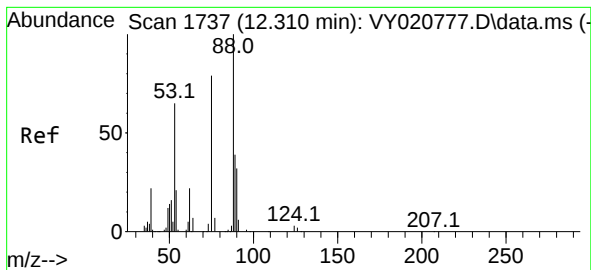
Tgt Ion:152 Resp: 13678
 Ion Ratio Lower Upper
 152 100
 115 56.5 29.0 87.0
 150 152.1 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 63.745 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY020863.D
 Acq: 17 Jan 2025 18:17

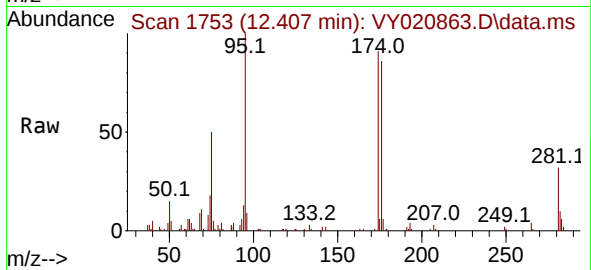
Tgt Ion: 75 Resp: 7629
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.409 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY020863.D
 Acq: 17 Jan 2025 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 7629
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.0 39.6 59.4#

