

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019950.D
 Acq On : 18 Oct 2024 14:01
 Operator : SY/MD
 Sample : P4417-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 23:32:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

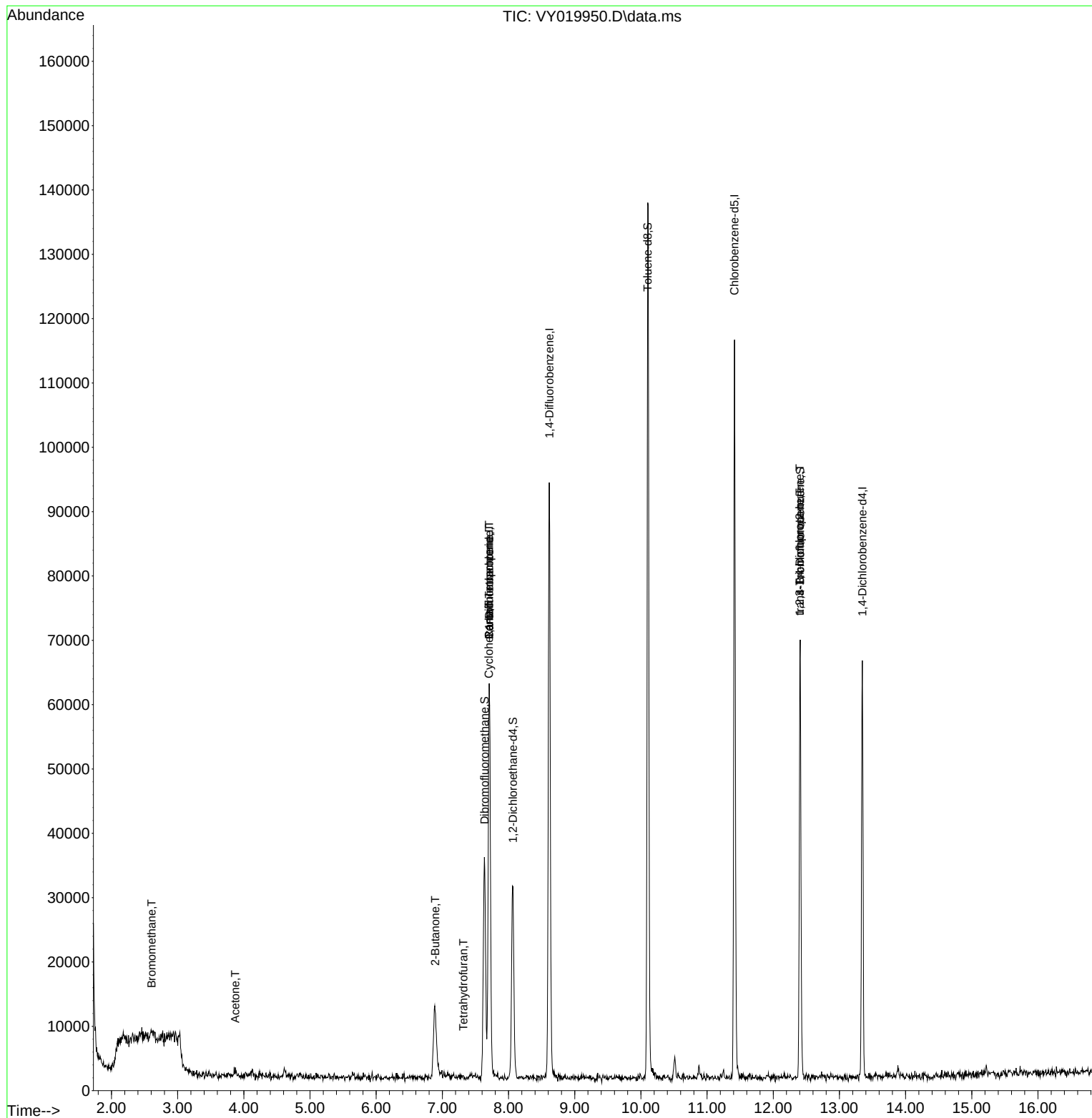
Internal Standards						
1) Pentafluorobenzene	7.707	168	42669	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	74508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	55110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	14272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	23735	45.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.360%
35) Dibromofluoromethane	7.640	113	24341	49.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.103	98	85806	47.259	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.408	95	20094	30.628	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.260%
Target Compounds						
					Qvalue	
5) Bromomethane	2.605	94	361	1.003	ug/l	92
11) Tert butyl alcohol	4.860	59	138	Below Cal	#	88
16) Acetone	3.873	43	1795	13.125	ug/l	# 74
25) 2-Butanone	6.890	43	909	4.965	ug/l	# 70
29) Tetrahydrofuran	7.317	42	129	1.234	ug/l	# 26
31) Cyclohexane	7.701	56	1457	1.660	ug/l	# 57
36) 1,1-Dichloropropene	7.707	75	4608	6.505	ug/l	# 46
38) Carbon Tetrachloride	7.707	117	5268	6.937	ug/l	# 16
76) 1,2,3-Trichloropropane	12.402	75	11572	41.390	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	11572	167.064	ug/l	# 16

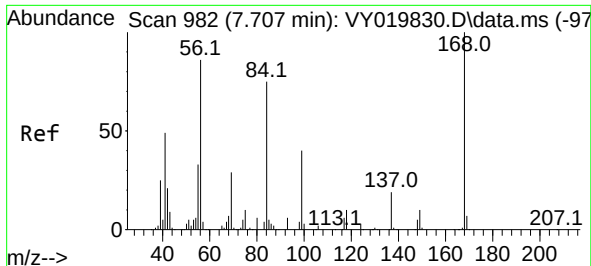
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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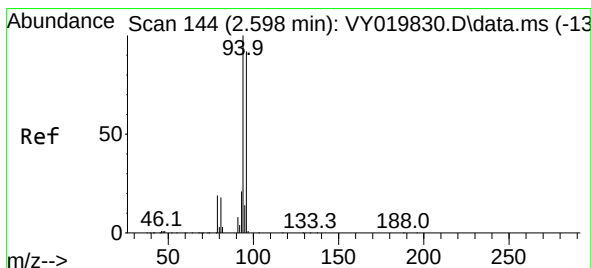
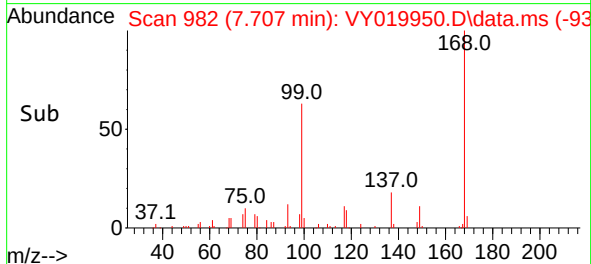
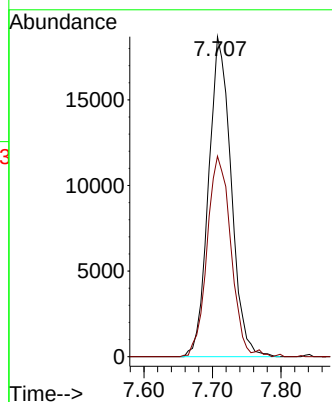
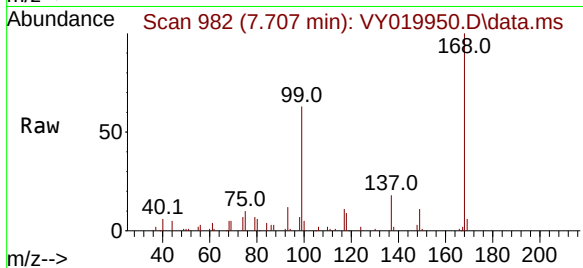




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

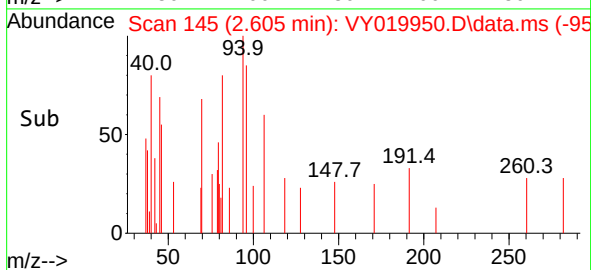
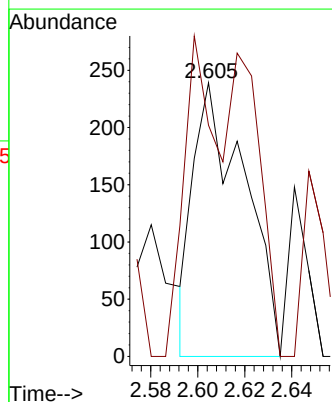
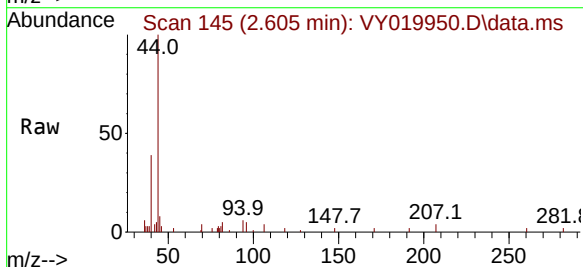
Instrument :
MSVOA_Y
ClientSampleId :

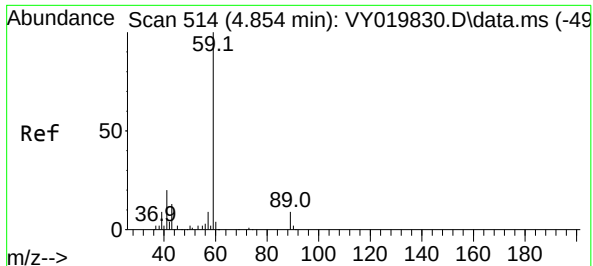
Tgt Ion:168 Resp: 42669
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#



#5
Bromomethane
Concen: 1.003 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.007 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

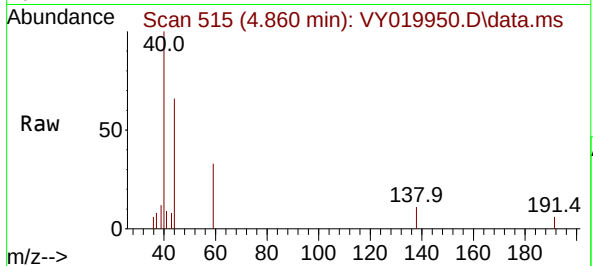
Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 84.5 74.1 111.1



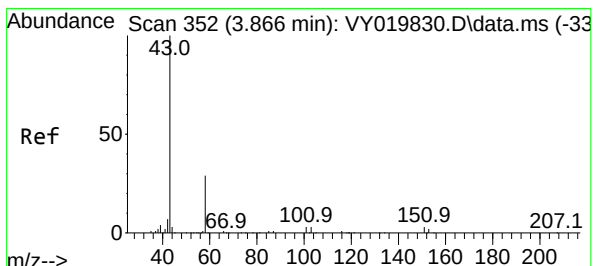
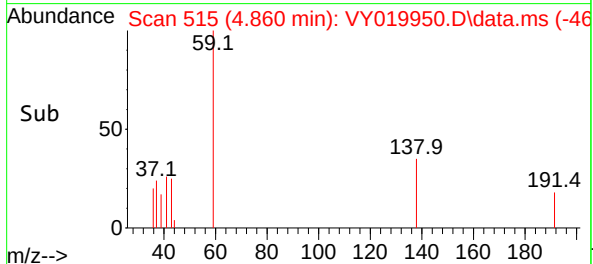
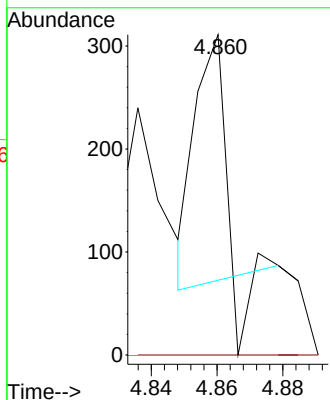


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :

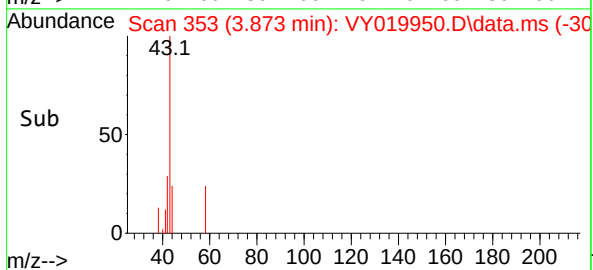
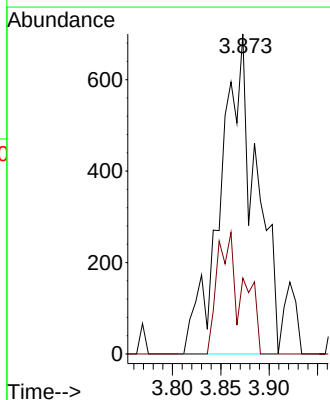
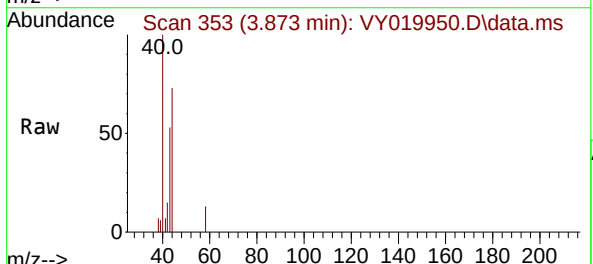


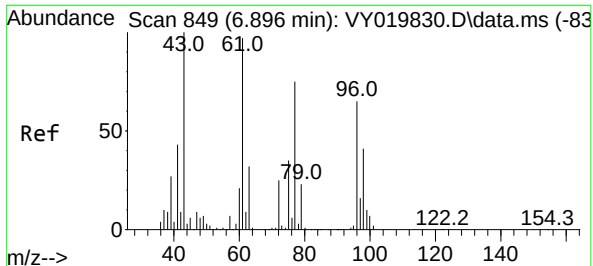
Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 13.125 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
58 23.7 31.7 47.5#





#25

2-Butanone

Concen: 4.965 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.000 min

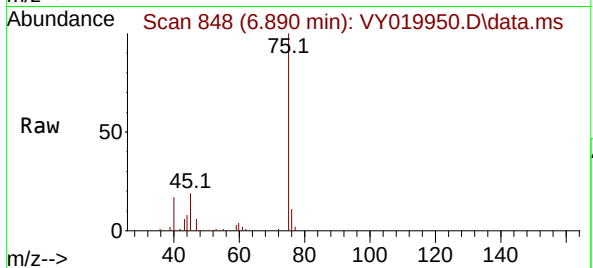
Lab File: VY019950.D

Acq: 18 Oct 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

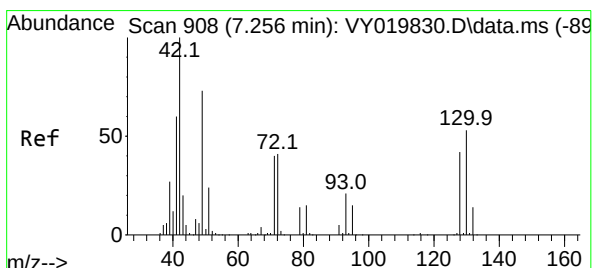
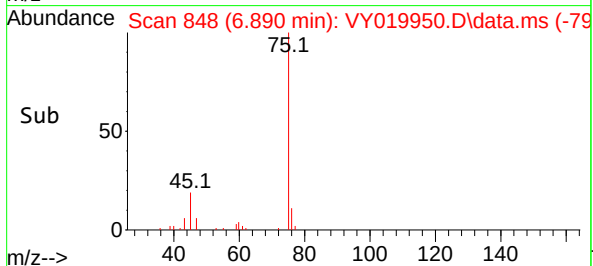
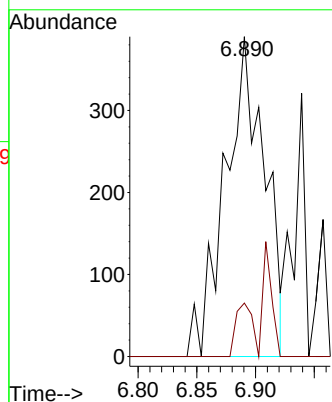


Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

43 100

72 16.7 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.234 ug/l

RT: 7.317 min Scan# 918

Delta R.T. 0.055 min

Lab File: VY019950.D

Acq: 18 Oct 2024 14:01

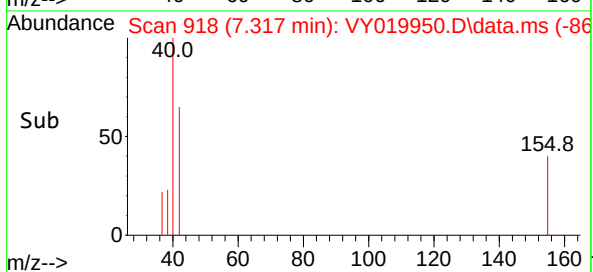
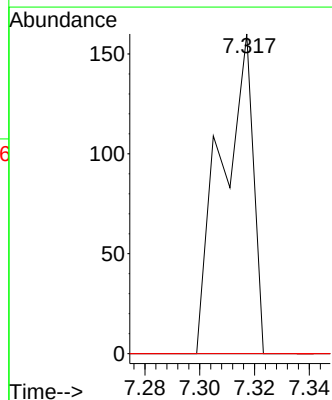
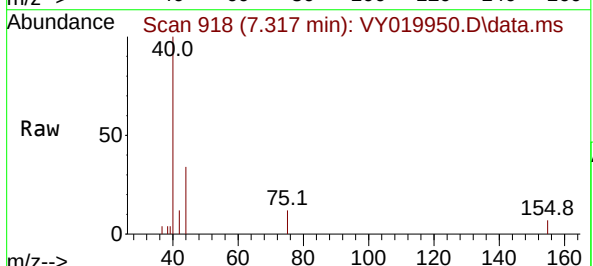
Tgt Ion: 42 Resp: 129

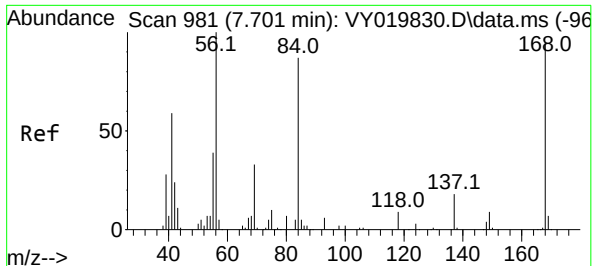
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

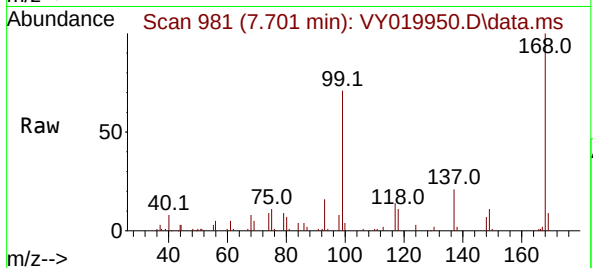
71 0.0 40.8 61.2#



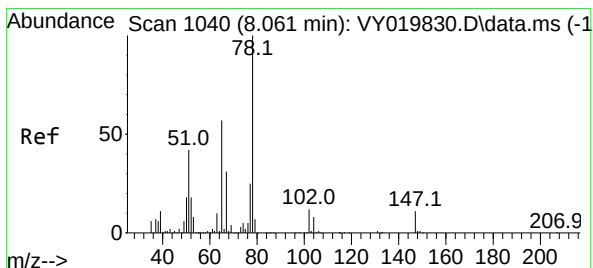
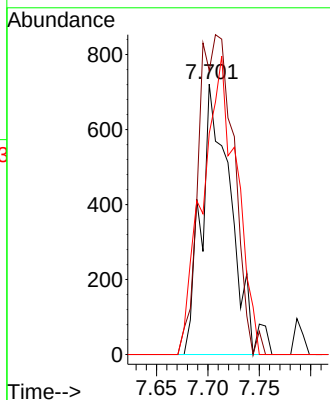
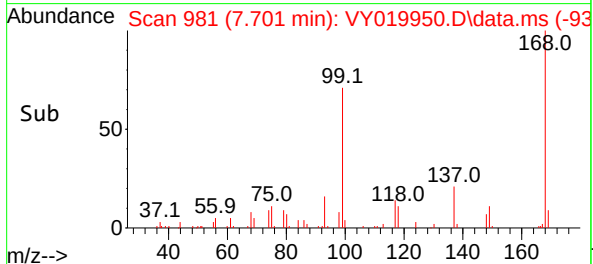


#31
Cyclohexane
Concen: 1.660 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

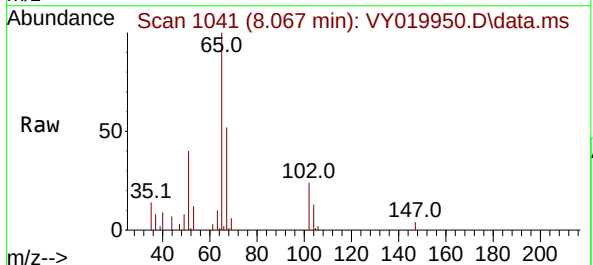
Instrument :
MSVOA_Y
ClientSampleId :



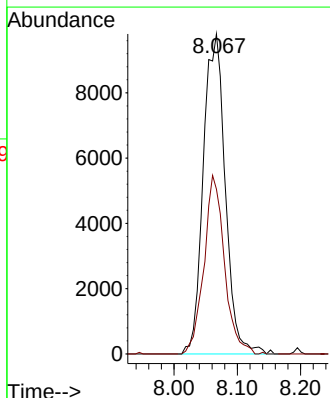
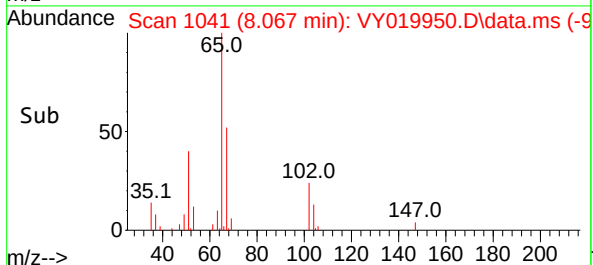
Tgt Ion: 56 Resp: 1457
Ion Ratio Lower Upper
56 100
69 105.0 28.7 43.1#
84 81.8 77.7 116.5

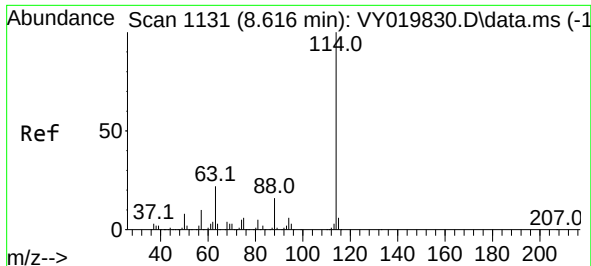


#33
1,2-Dichloroethane-d4
Concen: 45.177 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01



Tgt Ion: 65 Resp: 23735
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019950.D

Acq: 18 Oct 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

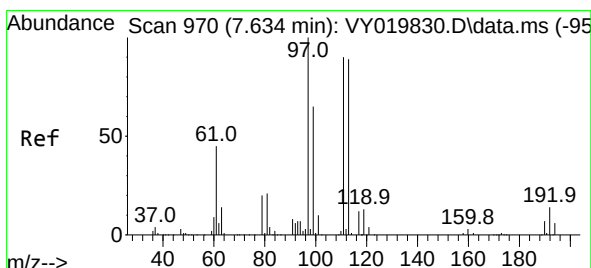
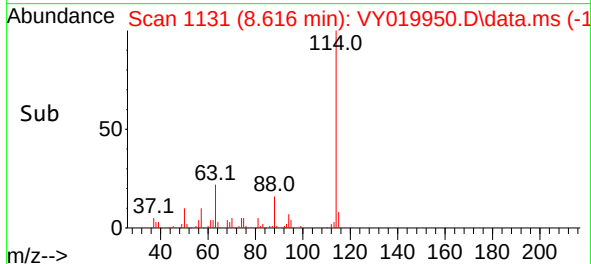
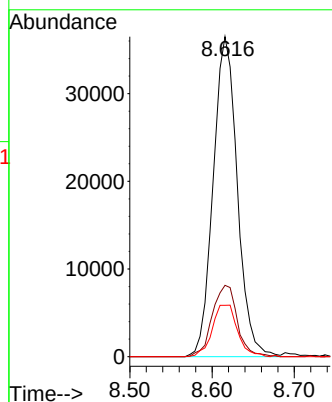
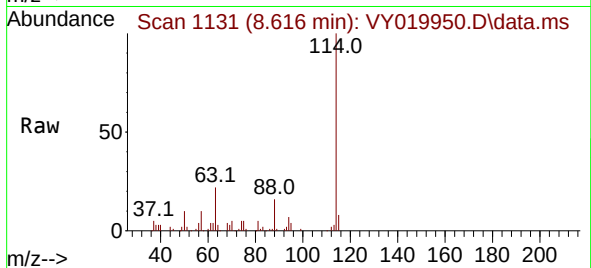
Tgt Ion:114 Resp: 74508

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.507 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.007 min

Lab File: VY019950.D

Acq: 18 Oct 2024 14:01

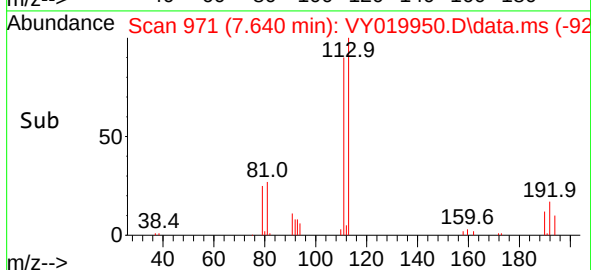
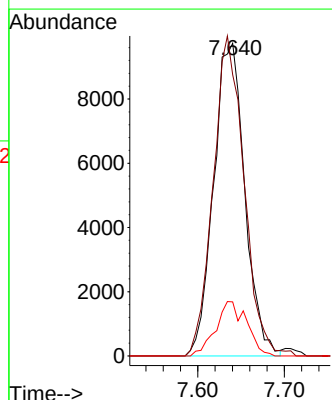
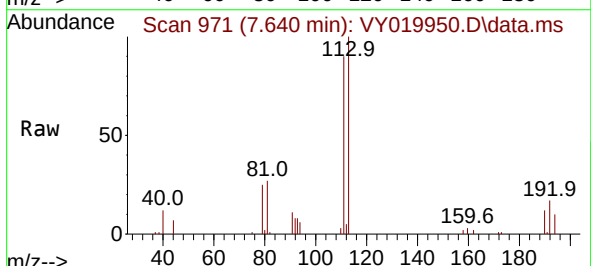
Tgt Ion:113 Resp: 24341

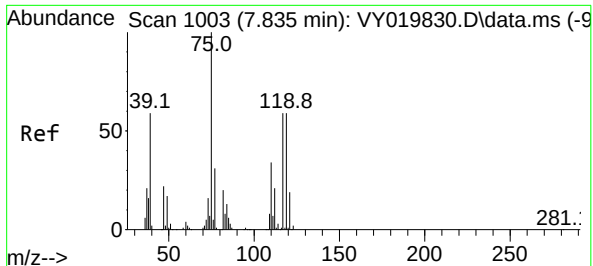
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.505 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

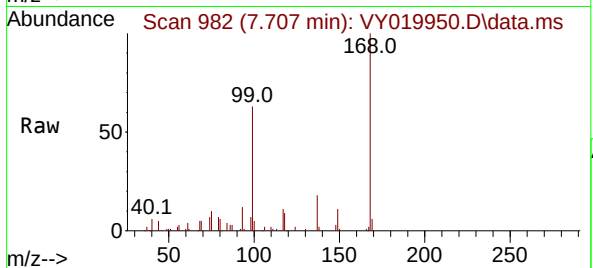
Lab File: VY019950.D

Acq: 18 Oct 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :



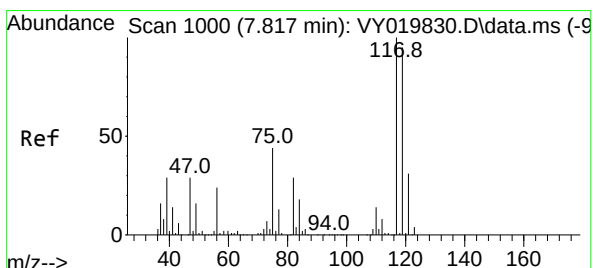
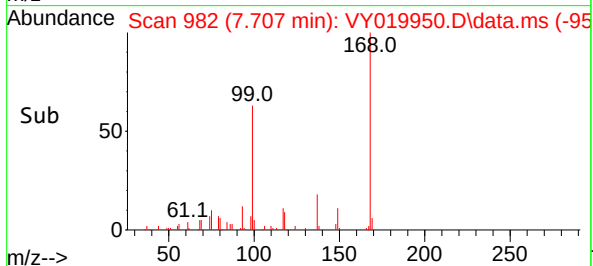
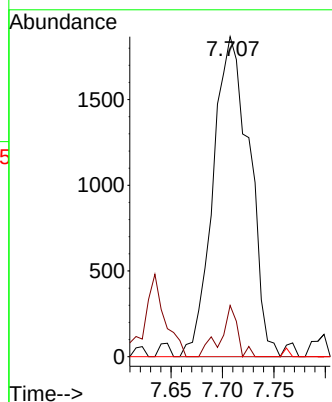
Tgt Ion: 75 Resp: 4608

Ion Ratio Lower Upper

75 100

110 7.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.937 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019950.D

Acq: 18 Oct 2024 14:01

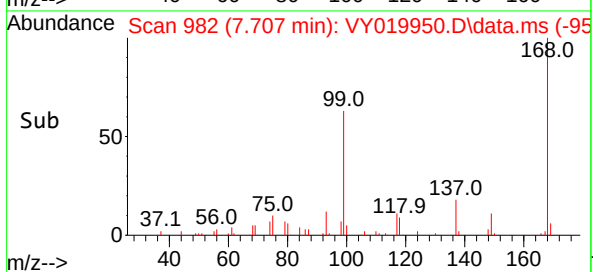
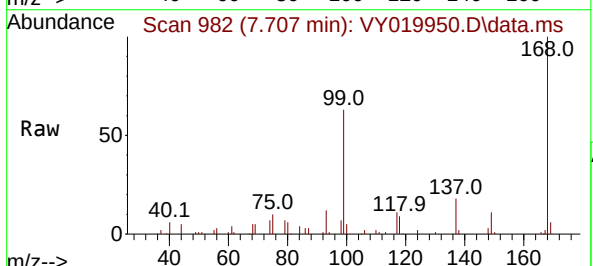
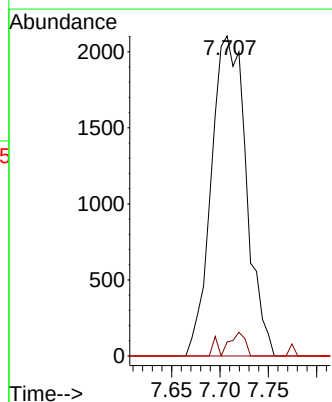
Tgt Ion: 117 Resp: 5268

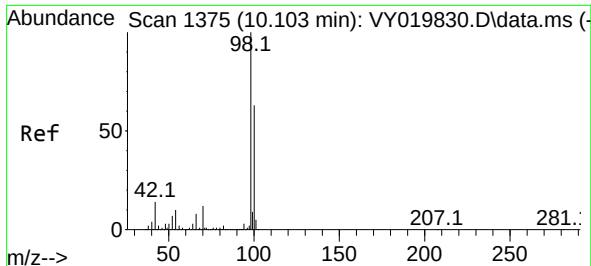
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.0 36.0#

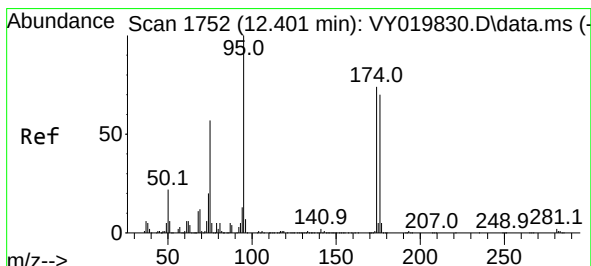
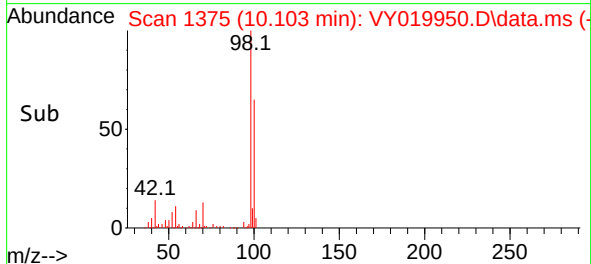
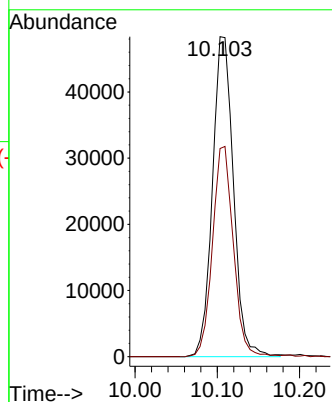
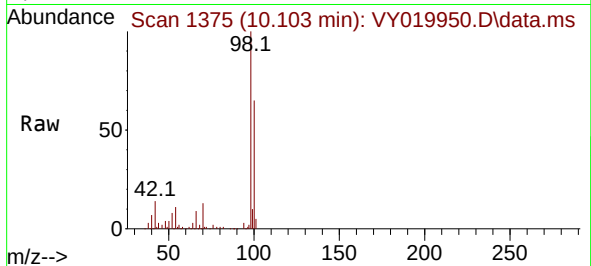




#50
Toluene-d8
Concen: 47.259 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

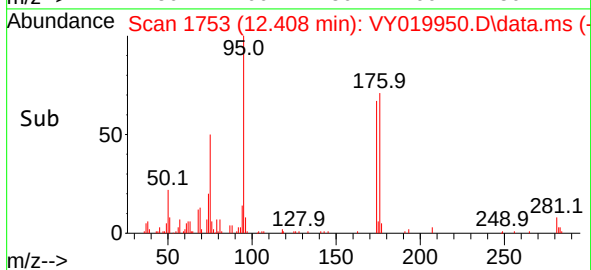
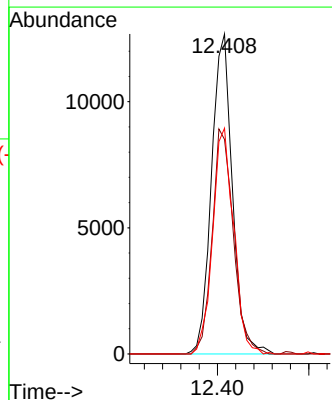
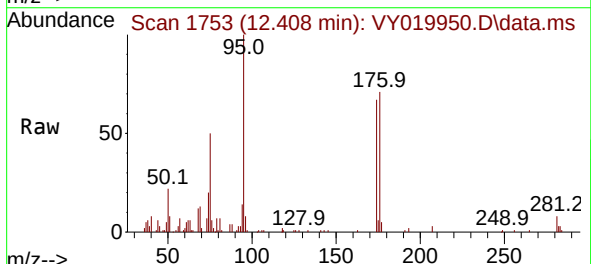
Instrument :
MSVOA_Y
ClientSampleId :

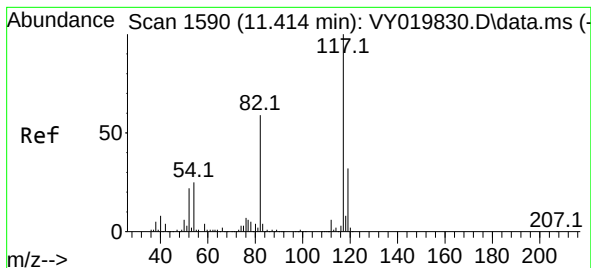
Tgt Ion: 98 Resp: 85806
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.628 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

Tgt Ion: 95 Resp: 20094
Ion Ratio Lower Upper
95 100
174 71.4 0.0 175.6
176 71.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

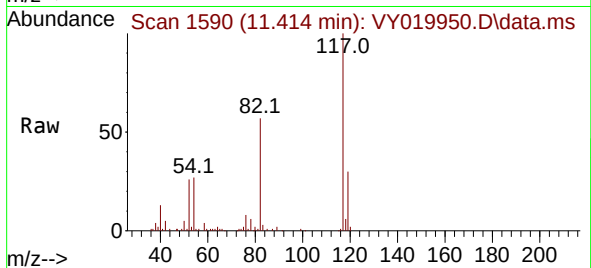
Lab File: VY019950.D

Acq: 18 Oct 2024 14:01

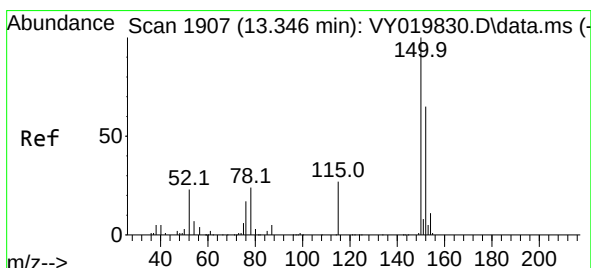
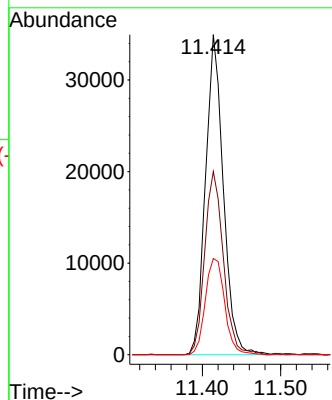
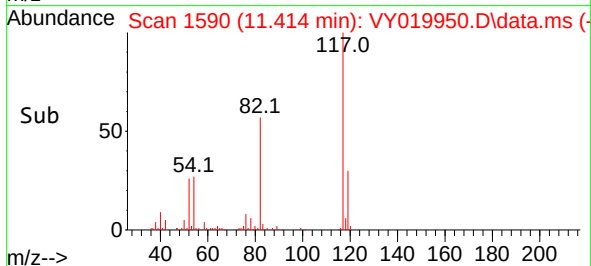
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	55110
Ion Ratio	Lower	Upper	
117	100		
82	57.2	42.4	63.6
119	30.1	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

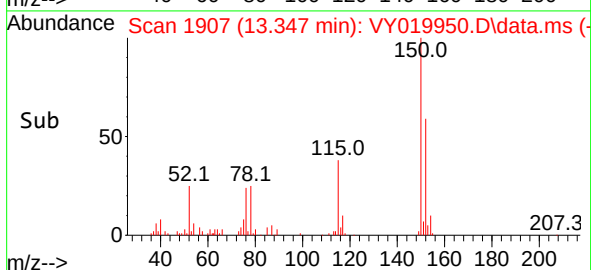
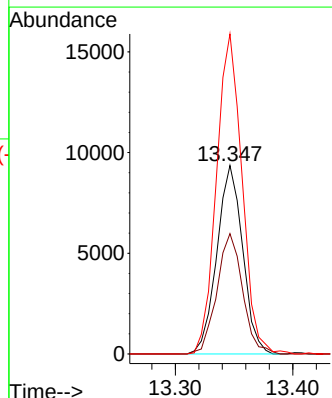
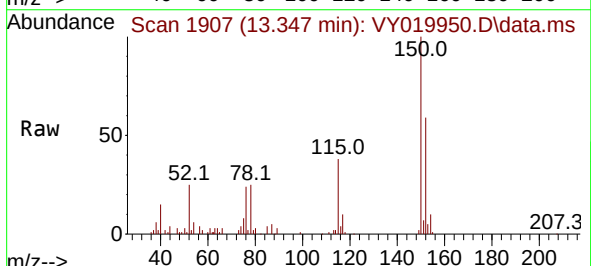
RT: 13.347 min Scan# 1907

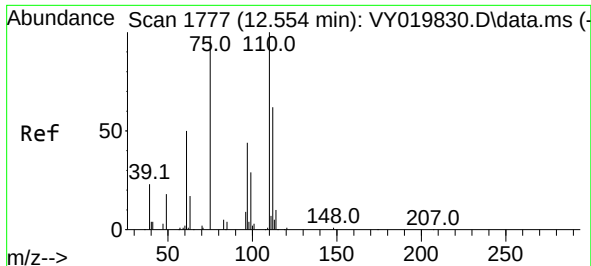
Delta R.T. 0.000 min

Lab File: VY019950.D

Acq: 18 Oct 2024 14:01

Tgt Ion:	152	Resp:	14272
Ion Ratio	Lower	Upper	
152	100		
115	63.5	28.2	84.7
150	168.2	0.0	345.6

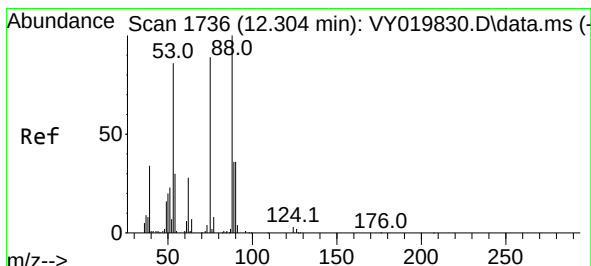
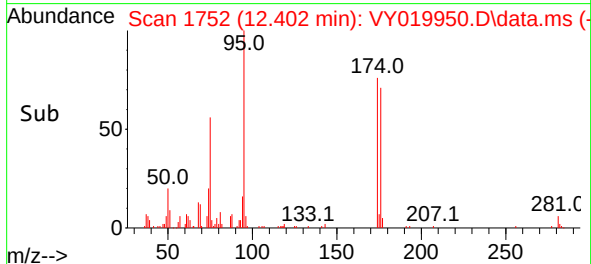
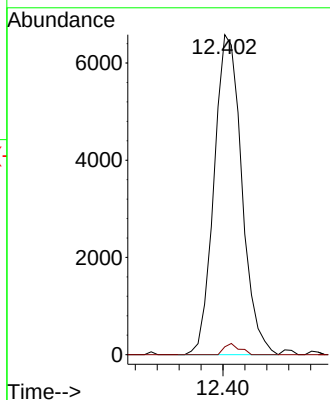
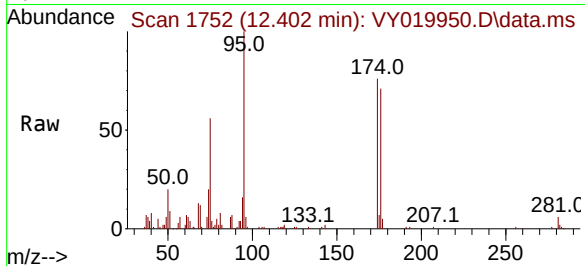




#76
1,2,3-Trichloropropane
Concen: 41.390 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11572
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.064 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

Tgt Ion: 75 Resp: 11572
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.0 35.8 53.6#

