

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019596.D
 Acq On : 18 Sep 2024 10:43
 Operator : SY/MD
 Sample : VY0918SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:23:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

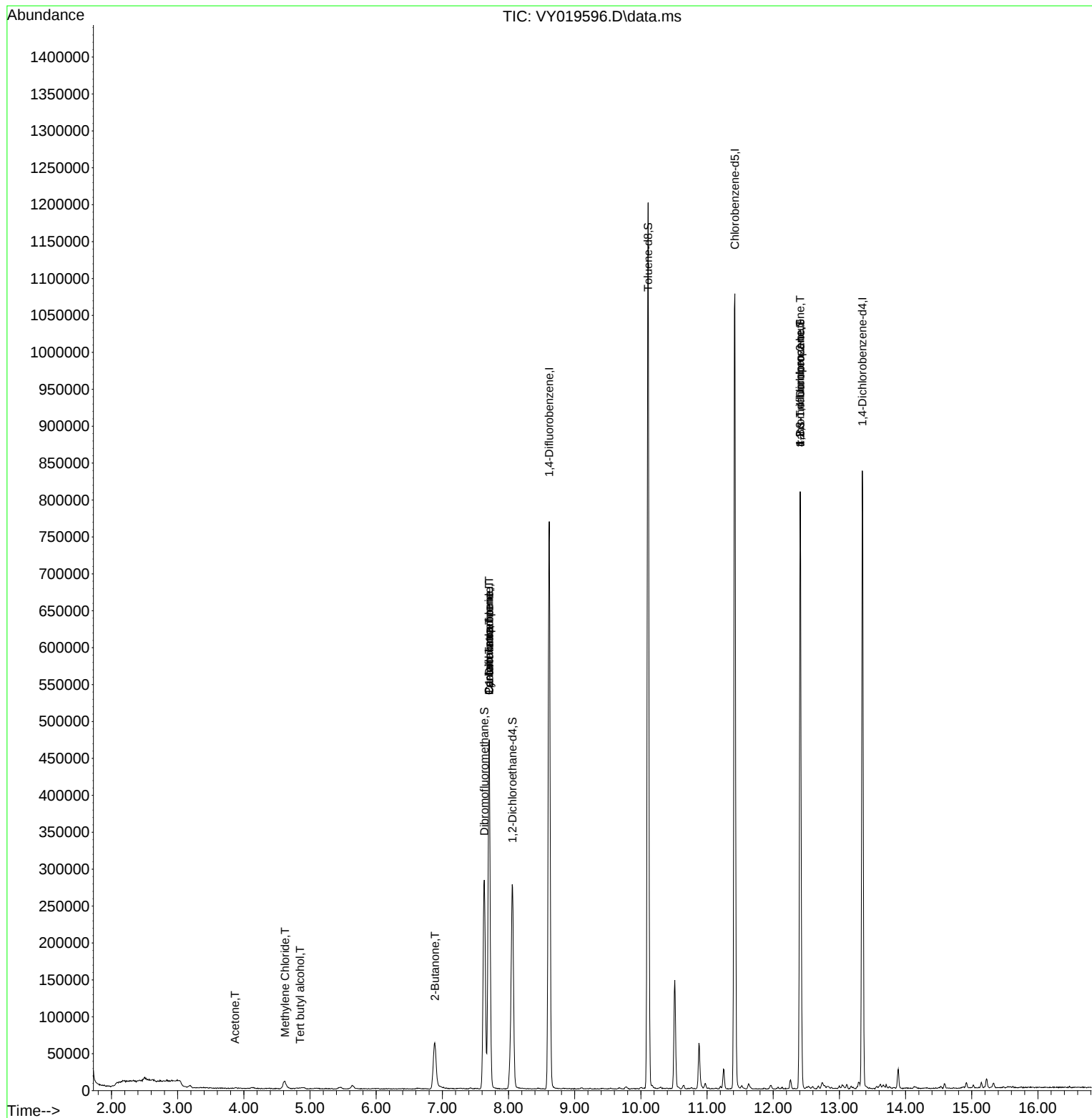
Internal Standards						
1) Pentafluorobenzene	7.707	168	345018	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	661162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	570722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	202452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	194630	60.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.840%	
35) Dibromofluoromethane	7.634	113	203149	54.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.380%	
50) Toluene-d8	10.109	98	775808	55.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.900%	
62) 4-Bromofluorobenzene	12.407	95	243380	45.651	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	274	Below Cal		75
11) Tert butyl alcohol	4.848	59	346	1.341	ug/l #	89
13) Acrolein	3.659	56	193	Below Cal	#	1
16) Acetone	3.866	43	2496	3.279	ug/l #	61
20) Methylene Chloride	4.622	84	7431	2.141	ug/l	89
25) 2-Butanone	6.890	43	3785	3.497	ug/l #	63
31) Cyclohexane	7.707	56	8960	1.567	ug/l #	21
36) 1,1-Dichloropropene	7.707	75	30896	6.057	ug/l #	48
38) Carbon Tetrachloride	7.707	117	36132	6.281	ug/l #	18
76) 1,2,3-Trichloropropane	12.407	75	131120	69.099	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	131120	132.650	ug/l #	16

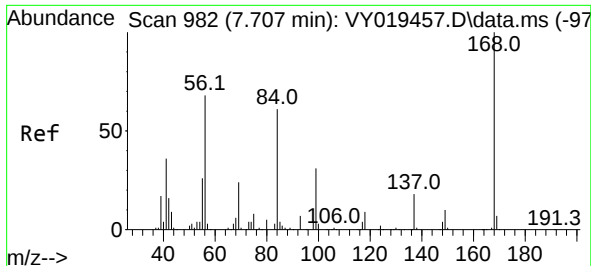
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
Data File : VY019596.D
Acq On : 18 Sep 2024 10:43
Operator : SY/MD
Sample : VY0918SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 19 01:23:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

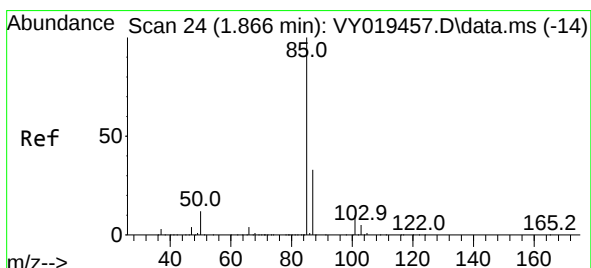
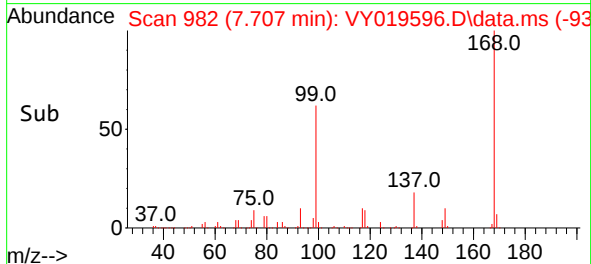
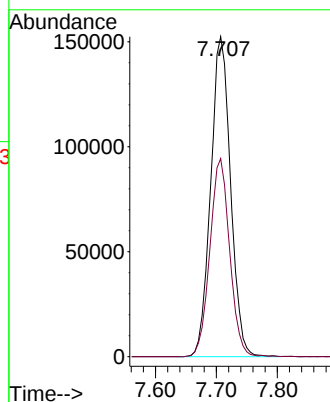
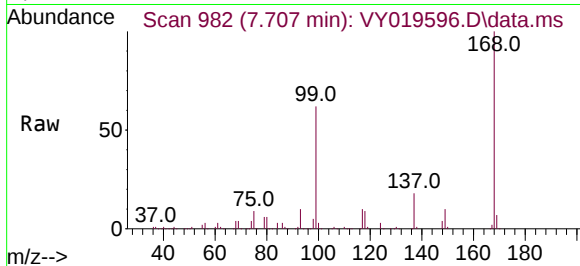




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

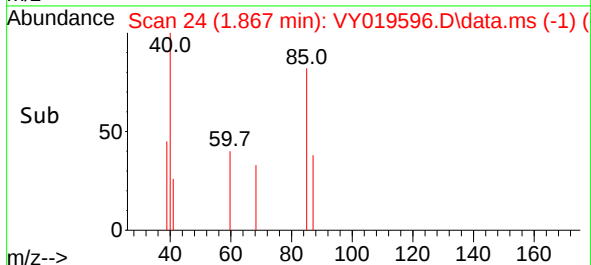
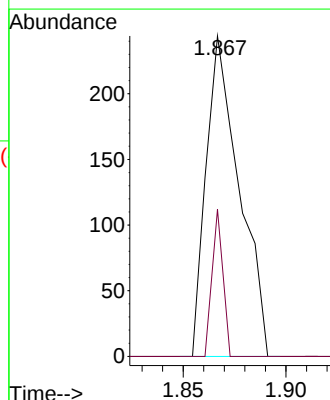
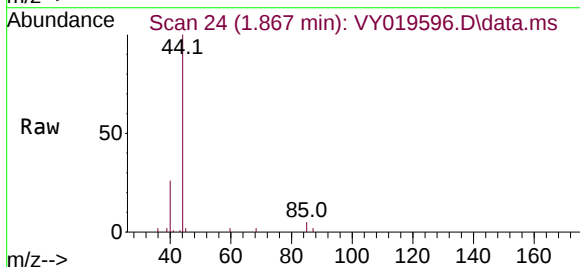
Instrument :
MSVOA_Y
ClientSampleId :

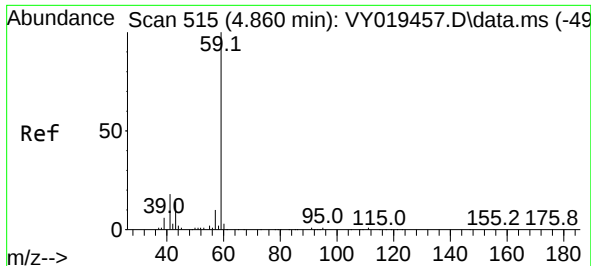
Tgt Ion:168 Resp: 345018
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

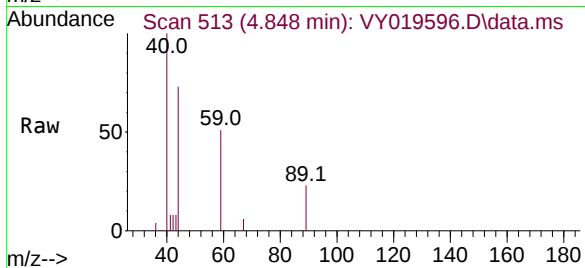
Tgt Ion: 85 Resp: 274
Ion Ratio Lower Upper
85 100
87 45.9 16.0 48.0



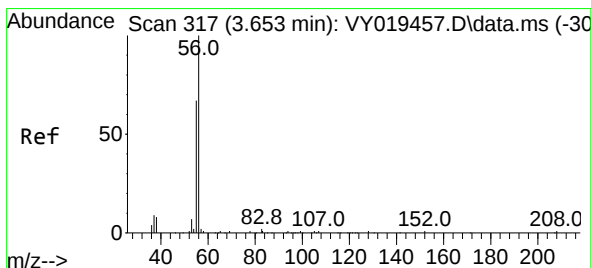
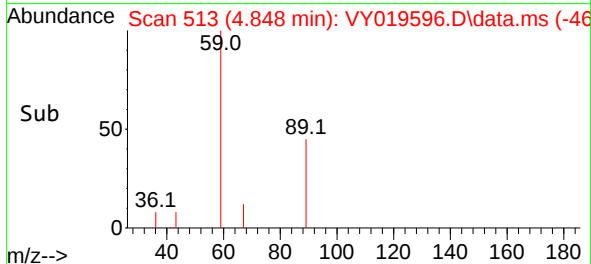
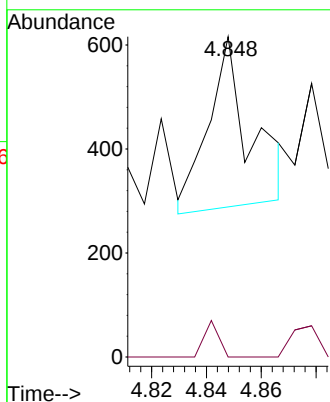


#11
Tert butyl alcohol
Concen: 1.341 ug/l
RT: 4.848 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

Instrument :
MSVOA_Y
ClientSampleId :

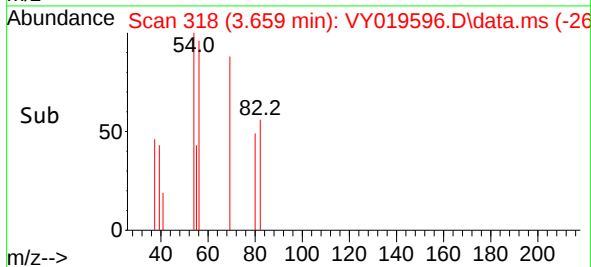
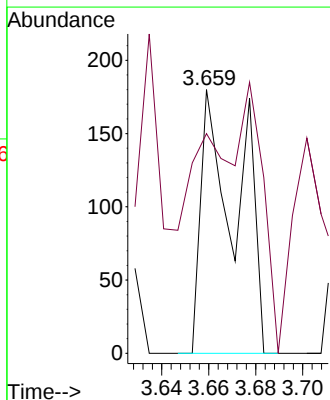
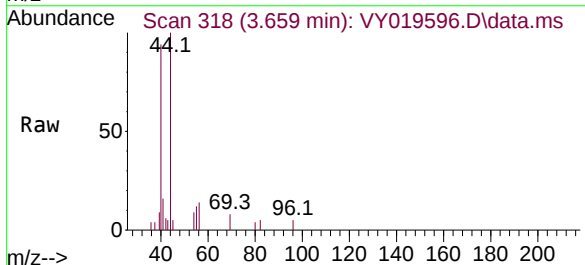


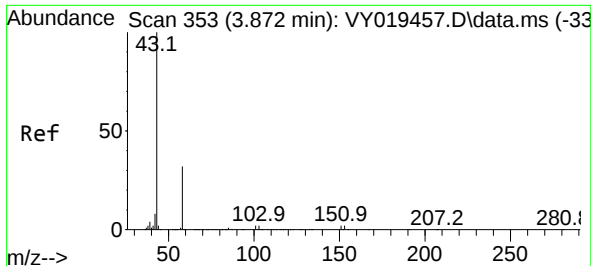
Tgt Ion: 59 Resp: 346
Ion Ratio Lower Upper
59 100
57 7.5 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

Tgt Ion: 56 Resp: 193
Ion Ratio Lower Upper
56 100
55 160.1 55.7 83.5#

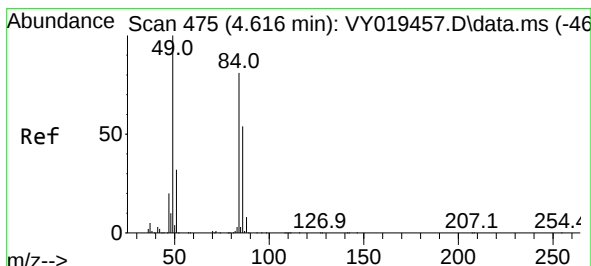
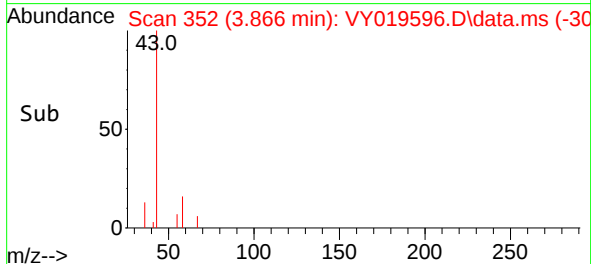
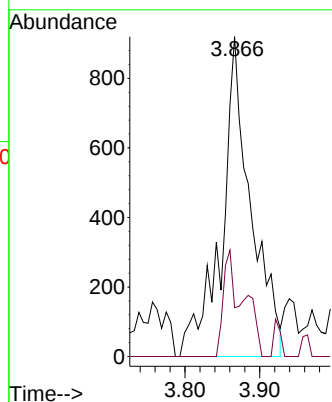
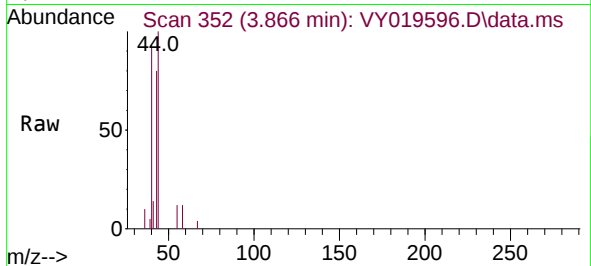




#16
Acetone
Concen: 3.279 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

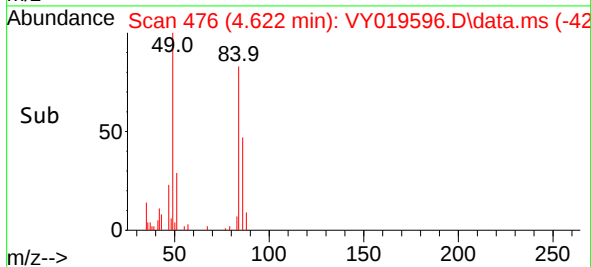
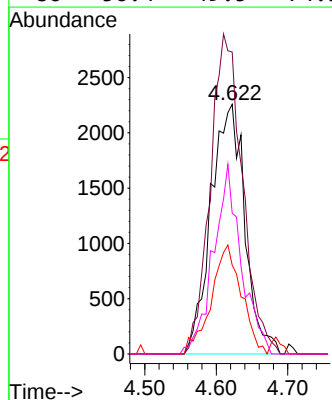
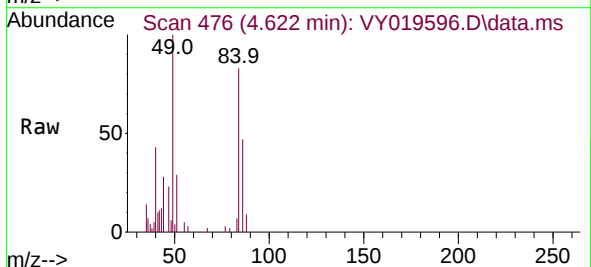
Instrument :
MSVOA_Y
ClientSampleId :

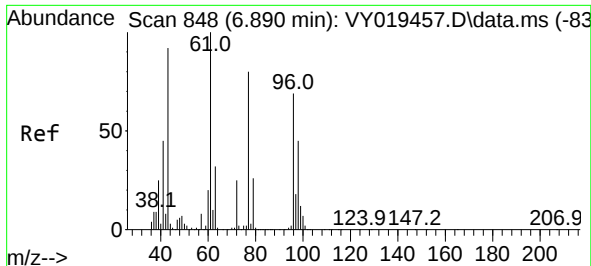
Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
58 15.3 31.7 47.5#



#20
Methylene Chloride
Concen: 2.141 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

Tgt Ion: 84 Resp: 7431
Ion Ratio Lower Upper
84 100
49 121.0 84.4 126.6
51 35.6 26.0 39.0
86 56.4 49.5 74.3





#25

2-Butanone

Concen: 3.497 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY019596.D

Acq: 18 Sep 2024 10:43

Instrument :

MSVOA_Y

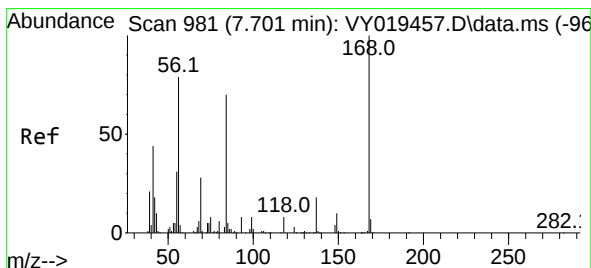
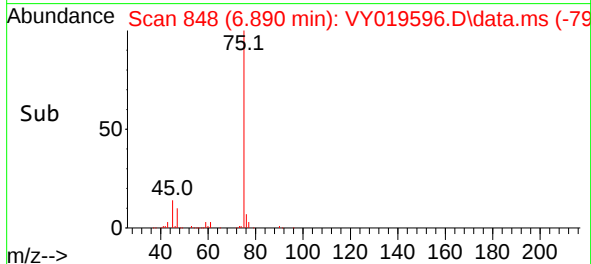
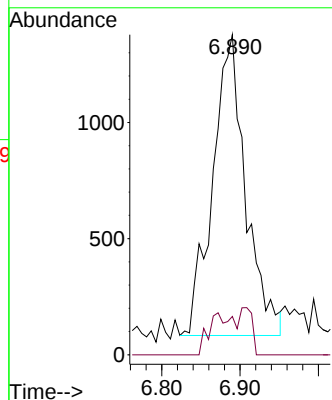
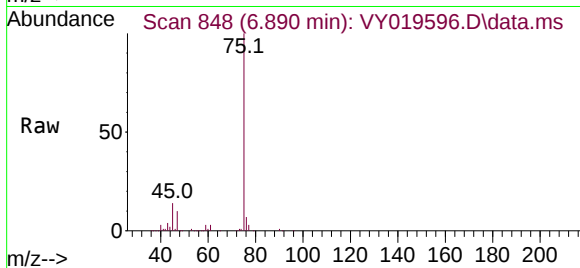
ClientSampleId :

Tgt Ion: 43 Resp: 3785

Ion Ratio Lower Upper

43 100

72 12.7 27.3 40.9#



#31

Cyclohexane

Concen: 1.567 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY019596.D

Acq: 18 Sep 2024 10:43

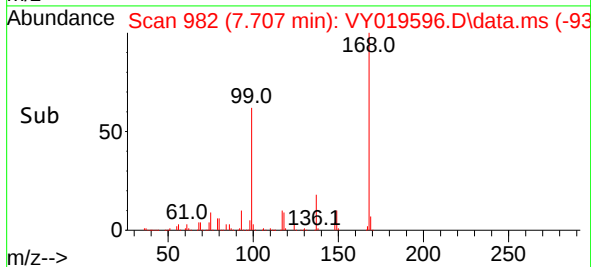
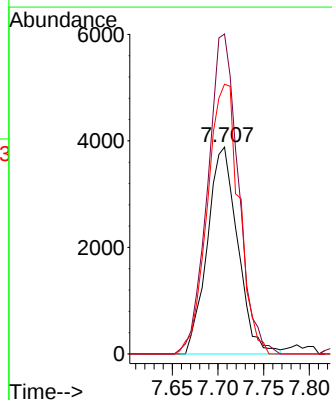
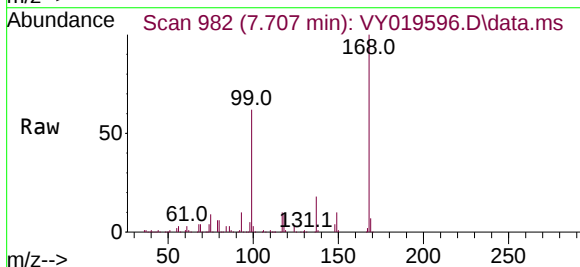
Tgt Ion: 56 Resp: 8960

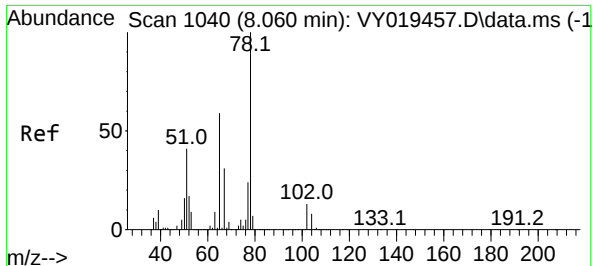
Ion Ratio Lower Upper

56 100

69 154.7 28.7 43.1#

84 130.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.921 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019596.D

Acq: 18 Sep 2024 10:43

Instrument :

MSVOA_Y

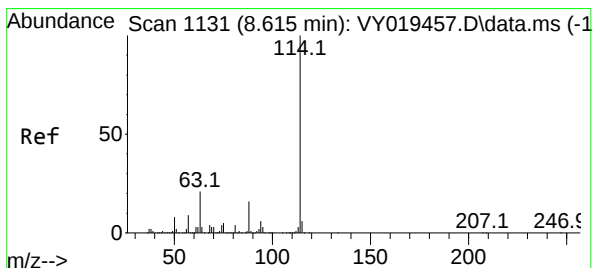
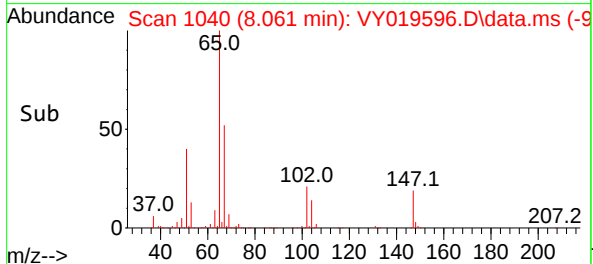
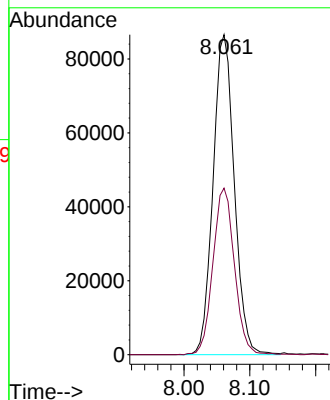
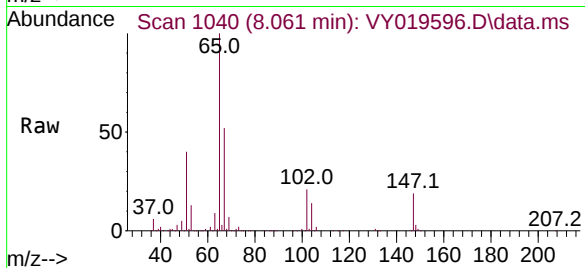
ClientSampleId :

Tgt Ion: 65 Resp: 194630

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019596.D

Acq: 18 Sep 2024 10:43

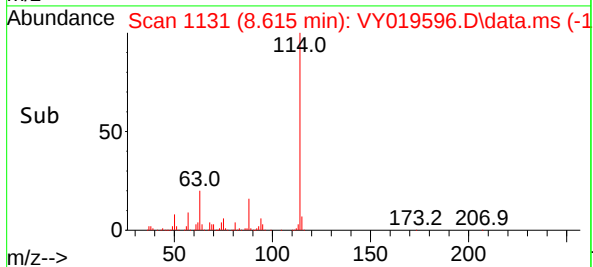
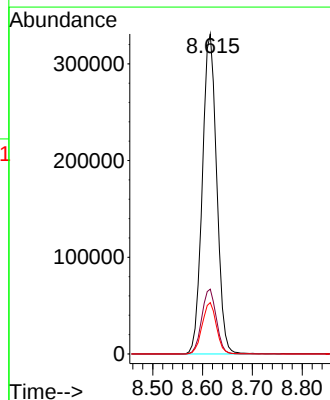
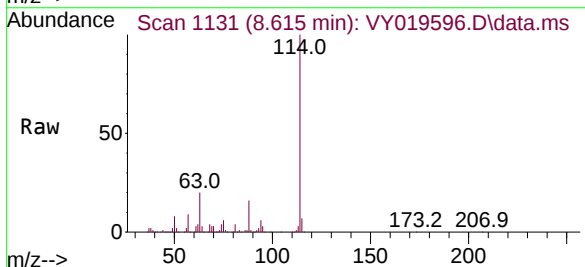
Tgt Ion: 114 Resp: 661162

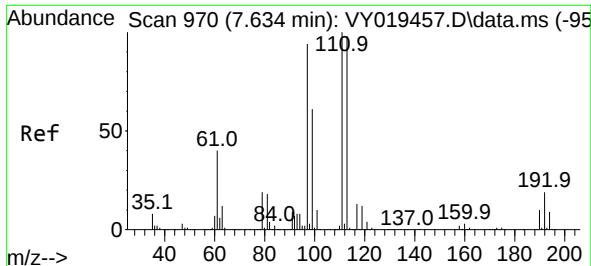
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

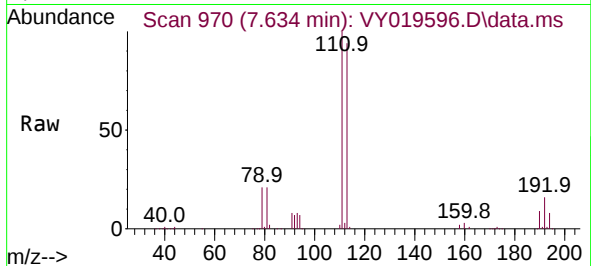
88 16.0 0.0 27.2



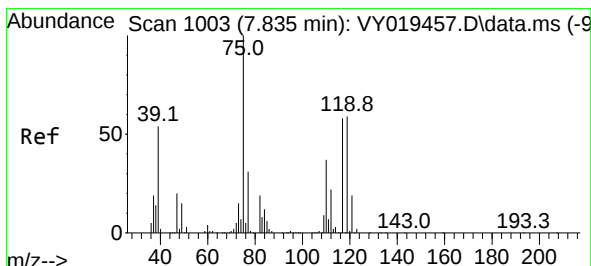
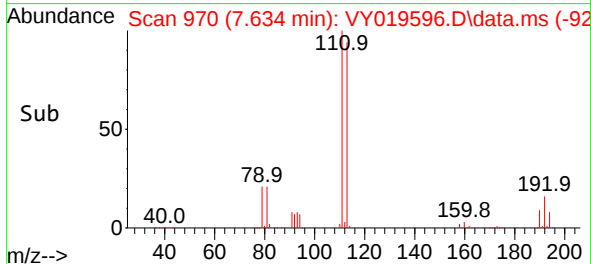
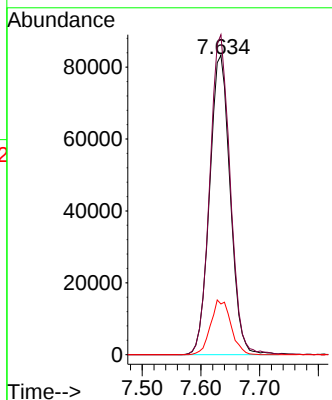


#35
Dibromofluoromethane
Concen: 54.192 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

Instrument :
MSVOA_Y
ClientSampleId :

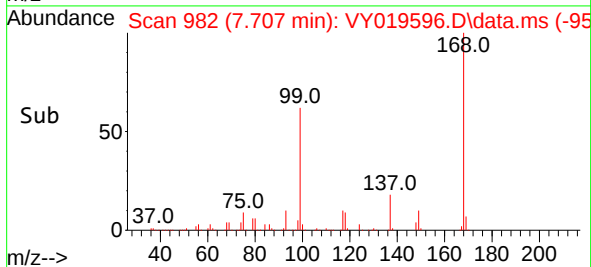
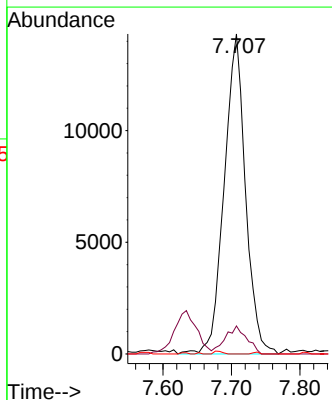
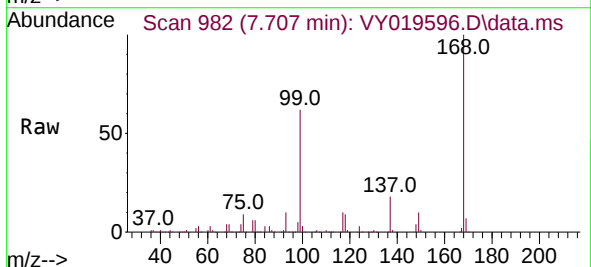


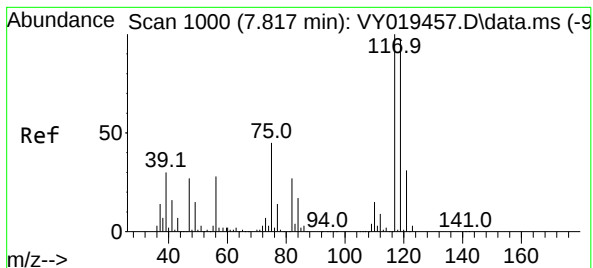
Tgt Ion:113 Resp: 203149
Ion Ratio Lower Upper
113 100
111 105.8 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.057 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

Tgt Ion: 75 Resp: 30896
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.281 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

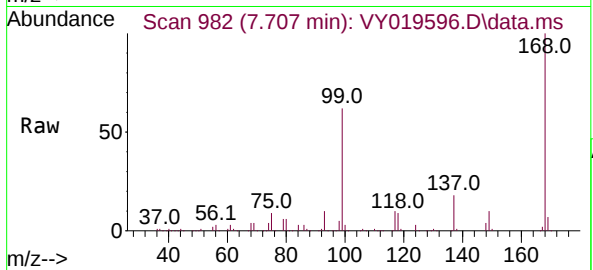
Lab File: VY019596.D

Acq: 18 Sep 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :



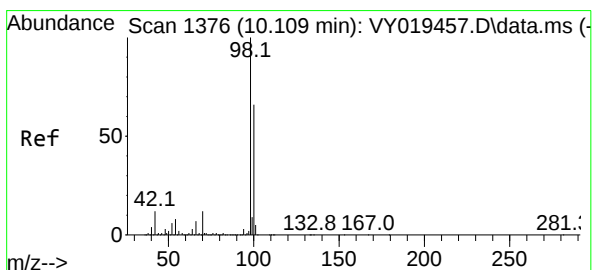
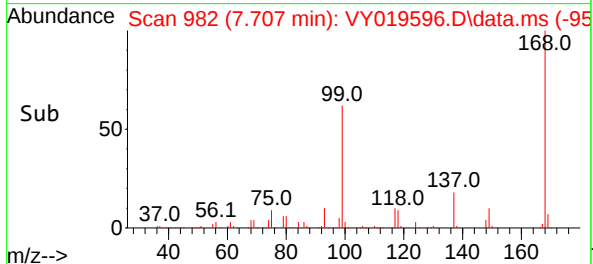
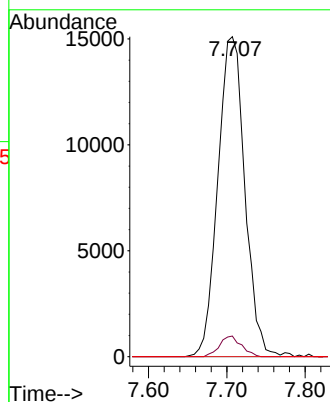
Tgt Ion:117 Resp: 36132

Ion Ratio Lower Upper

117 100

119 6.5 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 55.953 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019596.D

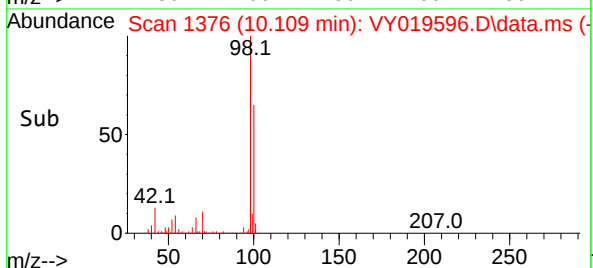
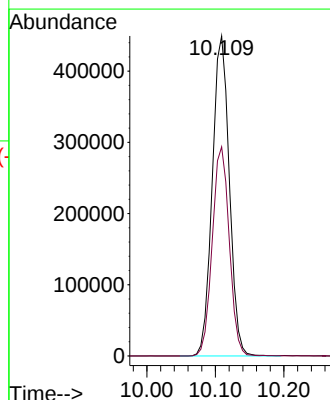
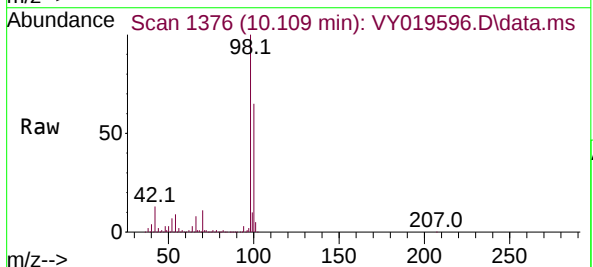
Acq: 18 Sep 2024 10:43

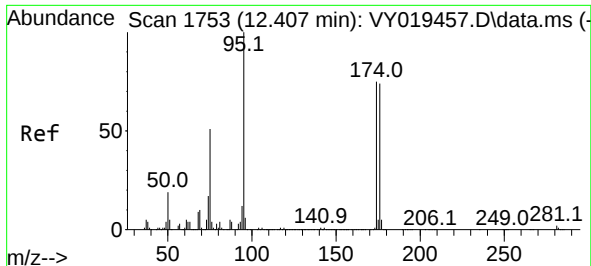
Tgt Ion: 98 Resp: 775808

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

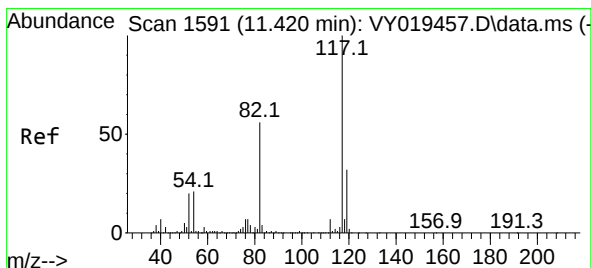
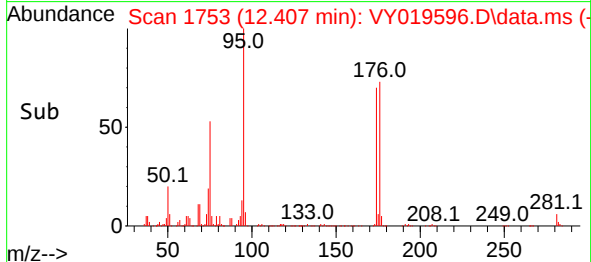
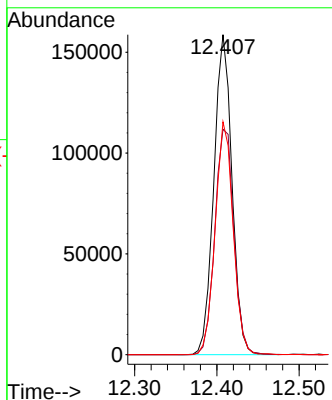
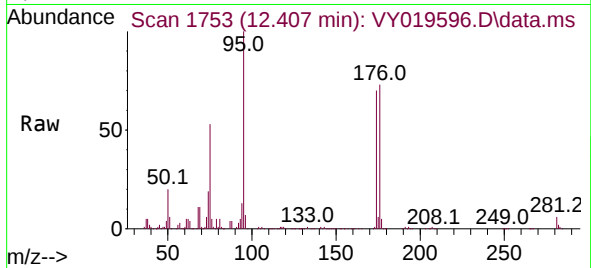




#62
4-Bromofluorobenzene
Concen: 45.651 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

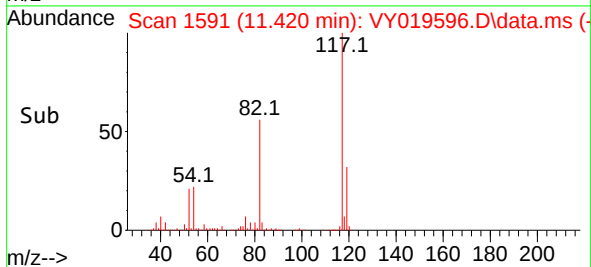
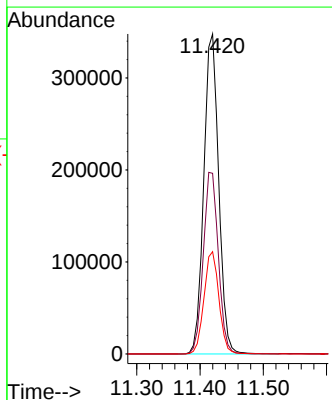
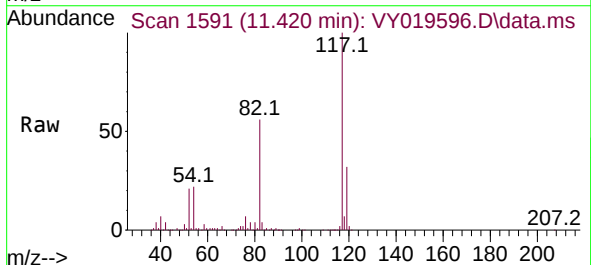
Instrument :
MSVOA_Y
ClientSampleId :

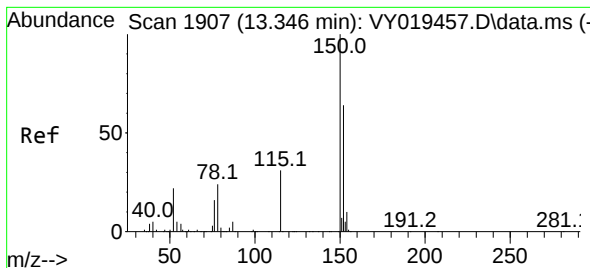
Tgt Ion: 95 Resp: 243380
Ion Ratio Lower Upper
95 100
174 74.0 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

Tgt Ion: 117 Resp: 570722
Ion Ratio Lower Upper
117 100
82 56.4 42.4 63.6
119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019596.D

Acq: 18 Sep 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

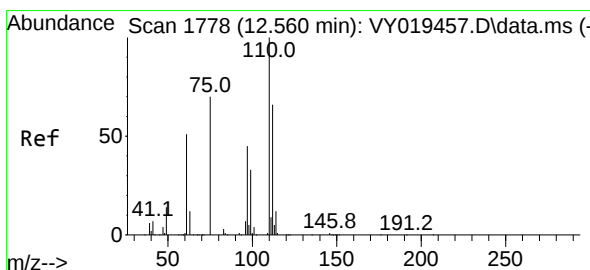
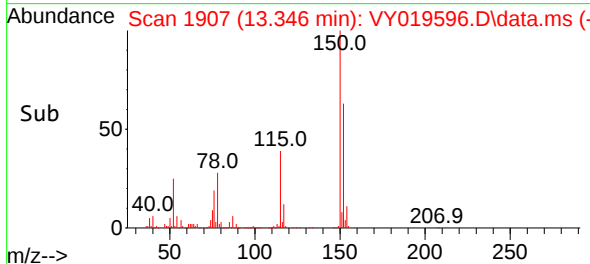
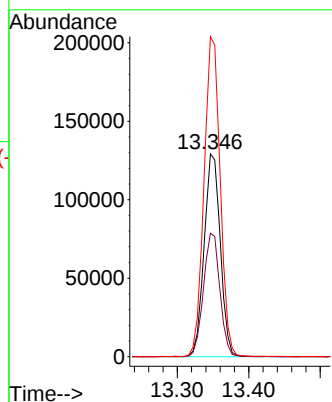
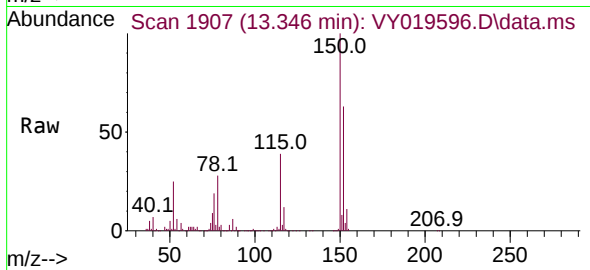
Tgt Ion:152 Resp: 202452

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 158.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.099 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019596.D

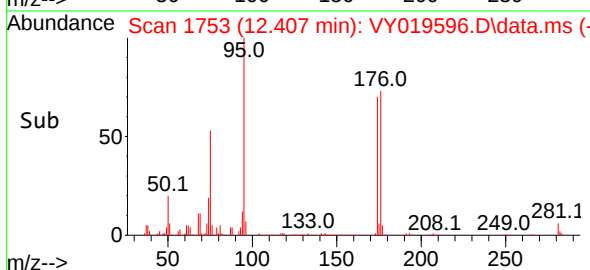
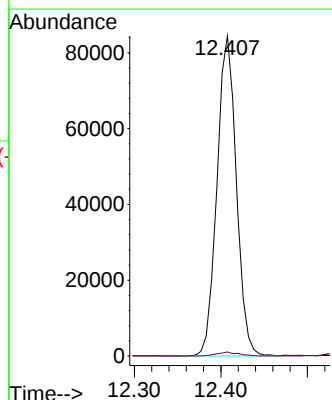
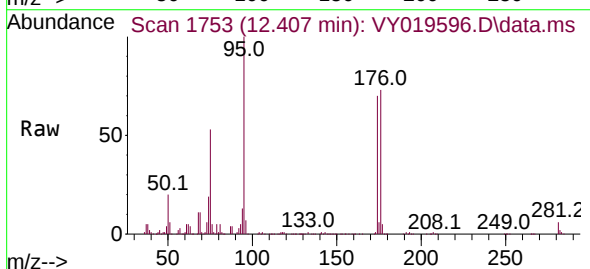
Acq: 18 Sep 2024 10:43

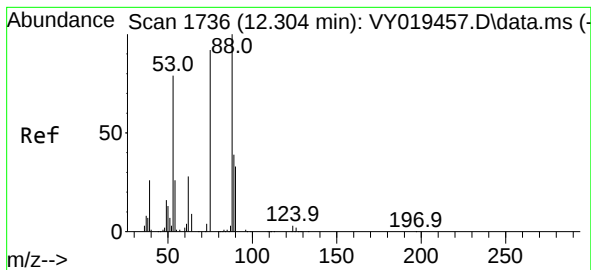
Tgt Ion: 75 Resp: 131120

Ion Ratio Lower Upper

75 100

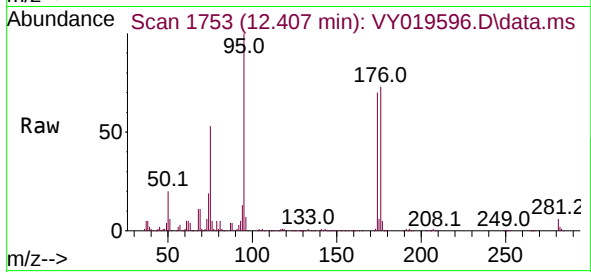
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 132.650 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019596.D
Acq: 18 Sep 2024 10:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 131120
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

