

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019603.D
 Acq On : 18 Sep 2024 14:11
 Operator : SY/MD
 Sample : P4097-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2299

Quant Time: Sep 19 01:25:03 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)

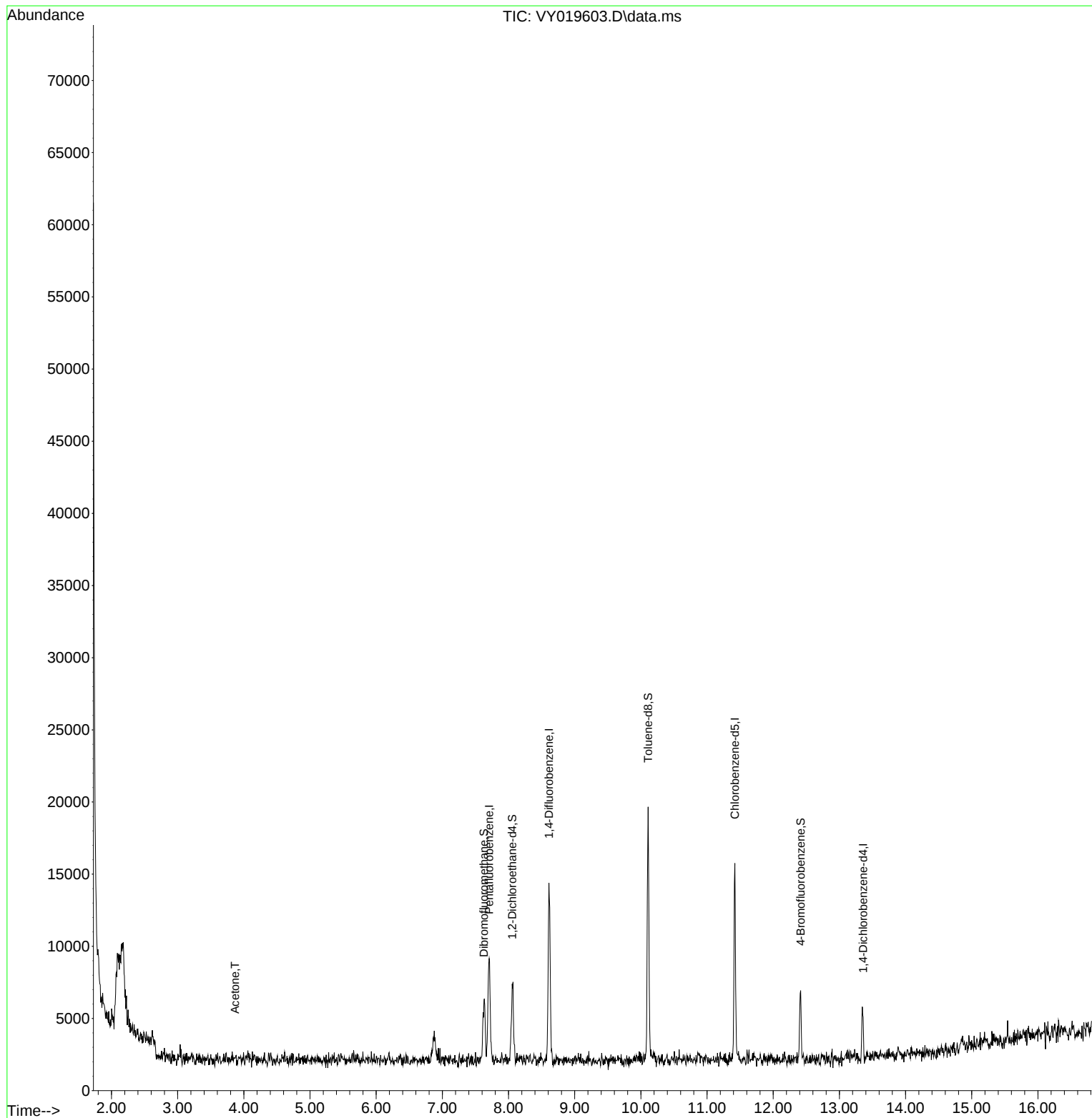
Internal Standards						
1) Pentafluorobenzene	7.707	168	5449	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	10401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	6791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	918	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	3915	77.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.180%	
35) Dibromofluoromethane	7.628	113	3002	50.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.109	98	11324	51.916	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	12.414	95	1857	22.141	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 44.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	464	38.601	ug/l	# 36

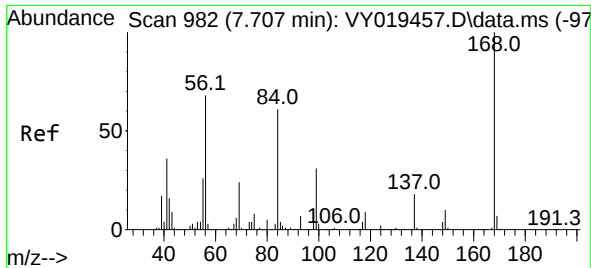
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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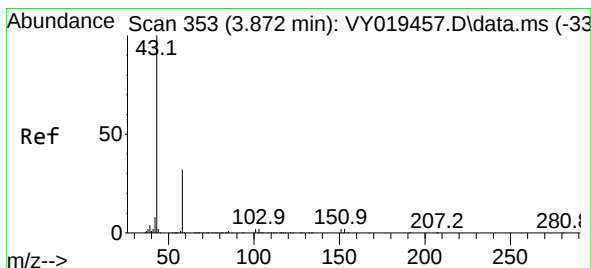
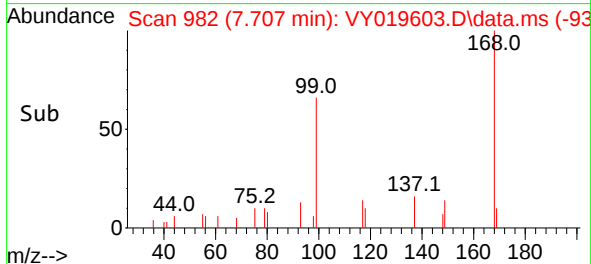
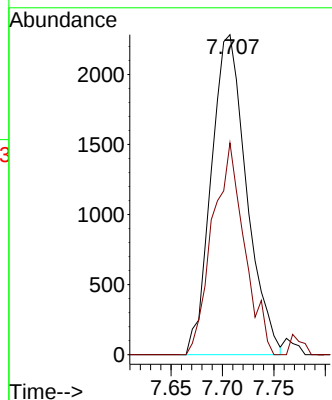
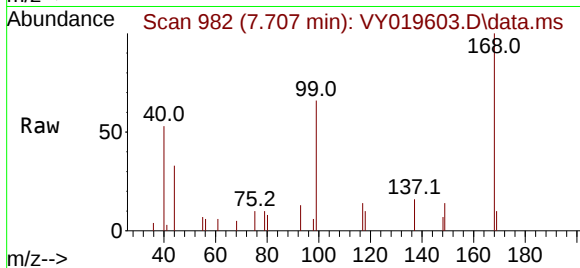




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019603.D
Acq: 18 Sep 2024 14:11

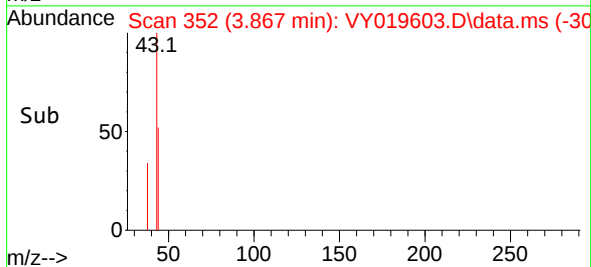
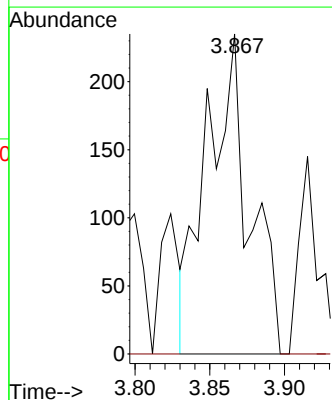
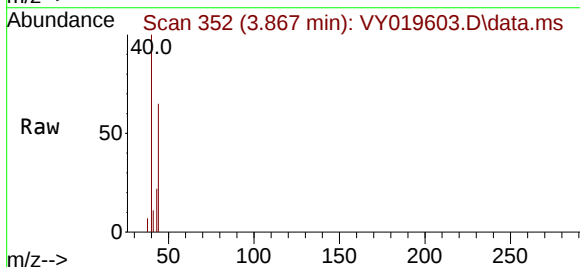
Instrument :
MSVOA_Y
ClientSampleId :
RT2299

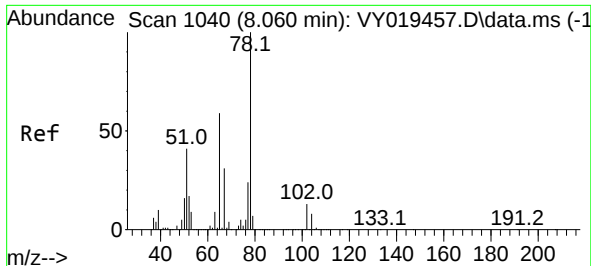
Tgt Ion:168 Resp: 5449
Ion Ratio Lower Upper
168 100
99 66.2 39.1 58.7#



#16
Acetone
Concen: 38.601 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019603.D
Acq: 18 Sep 2024 14:11

Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 77.592 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY019603.D

Acq: 18 Sep 2024 14:11

Instrument :

MSVOA_Y

ClientSampleId :

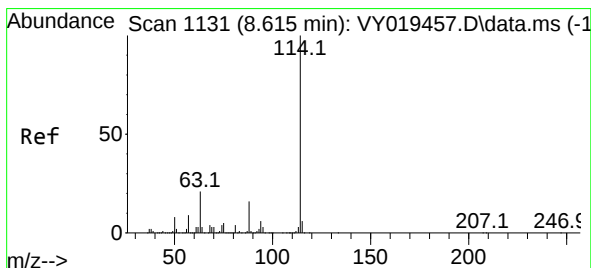
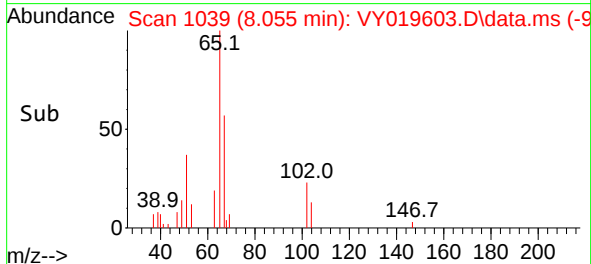
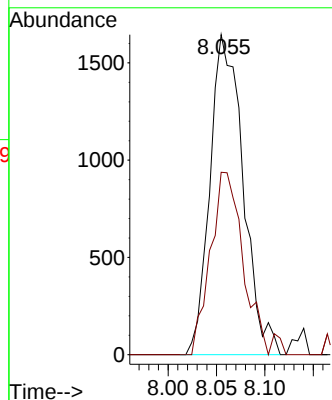
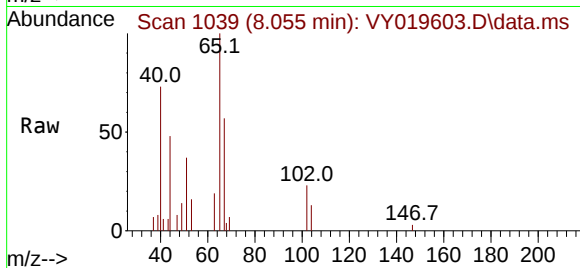
RT2299

Tgt Ion: 65 Resp: 3915

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019603.D

Acq: 18 Sep 2024 14:11

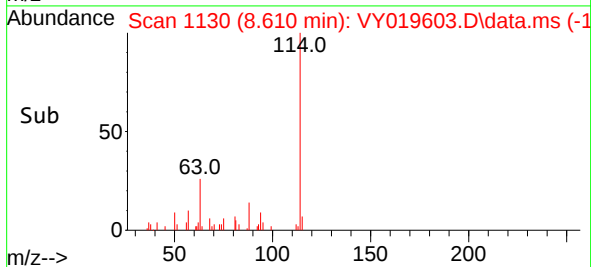
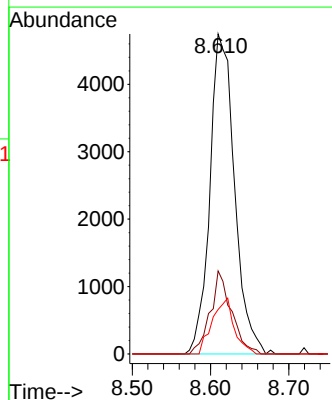
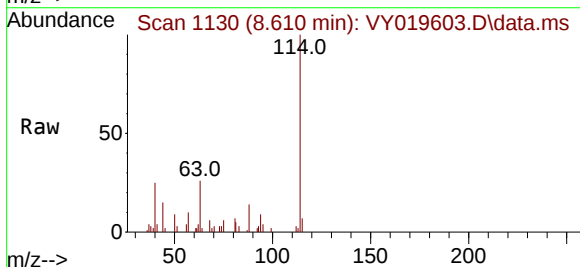
Tgt Ion: 114 Resp: 10401

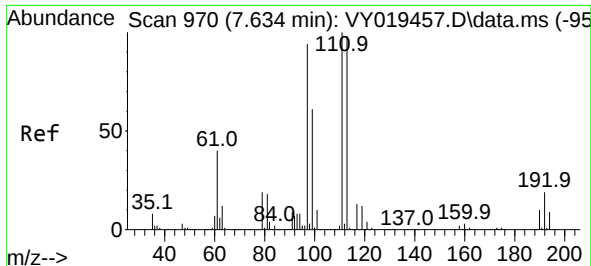
Ion Ratio Lower Upper

114 100

63 26.0 0.0 35.0

88 13.9 0.0 27.2

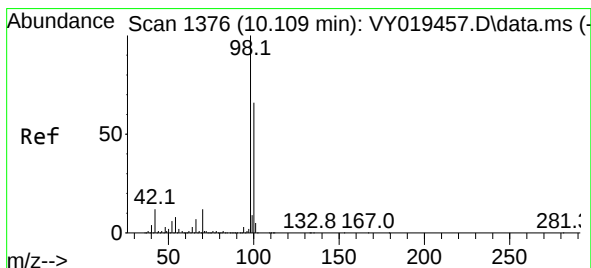
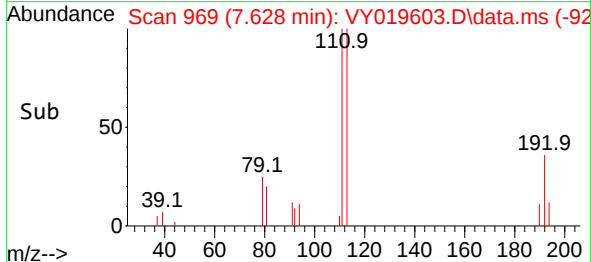
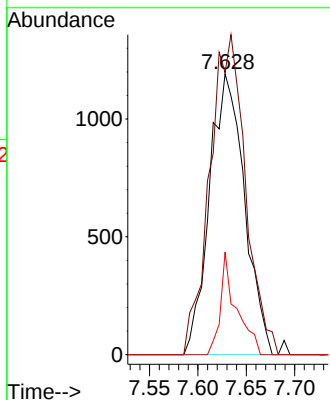
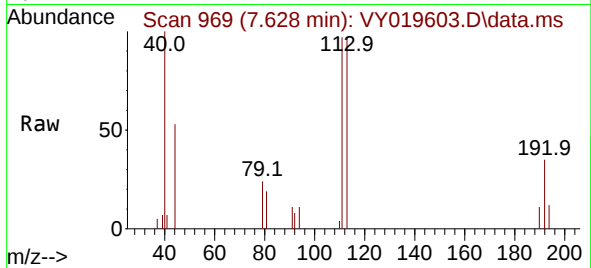




#35
Dibromofluoromethane
Concen: 50.906 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019603.D
Acq: 18 Sep 2024 14:11

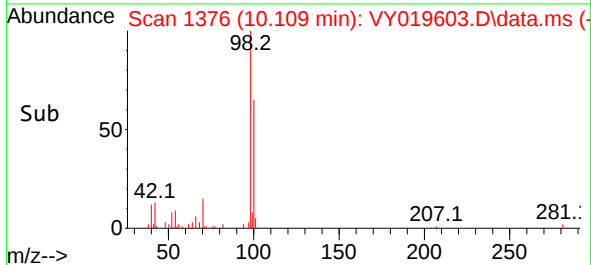
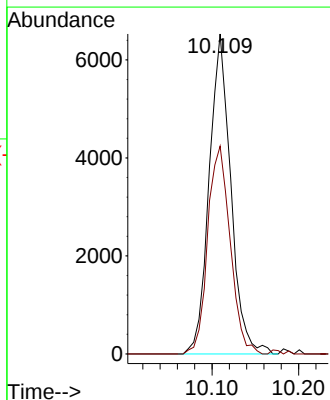
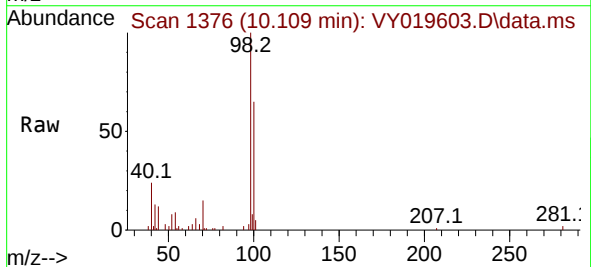
Instrument :
MSVOA_Y
ClientSampleId :
RT2299

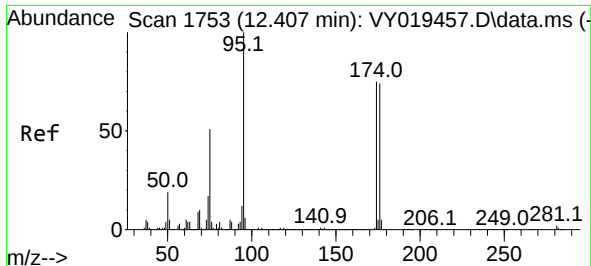
Tgt Ion:113 Resp: 3002
Ion Ratio Lower Upper
113 100
111 116.1 82.2 123.4
192 16.6 15.9 23.9



#50
Toluene-d8
Concen: 51.916 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019603.D
Acq: 18 Sep 2024 14:11

Tgt Ion: 98 Resp: 11324
Ion Ratio Lower Upper
98 100
100 67.4 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 22.141 ug/l

RT: 12.414 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY019603.D

Acq: 18 Sep 2024 14:11

Instrument :

MSVOA_Y

ClientSampleId :

RT2299

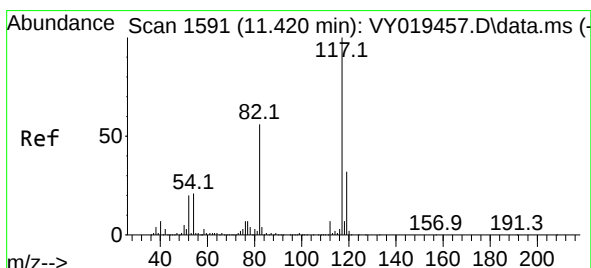
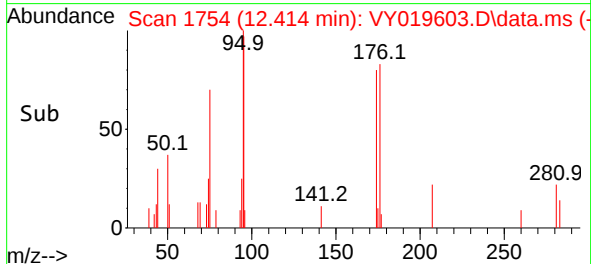
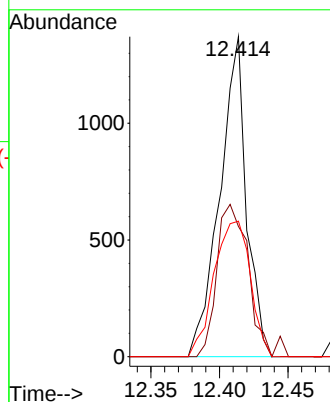
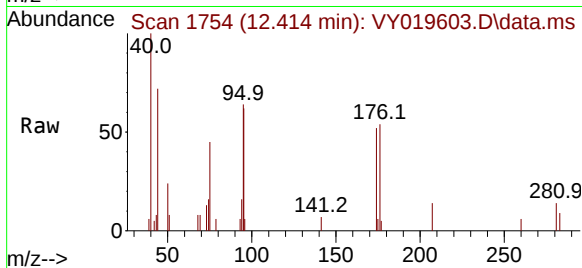
Tgt Ion: 95 Resp: 1857

Ion Ratio Lower Upper

95 100

174 57.2 0.0 175.6

176 57.6 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: VY019603.D

Acq: 18 Sep 2024 14:11

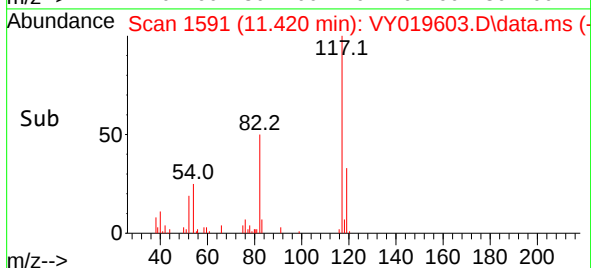
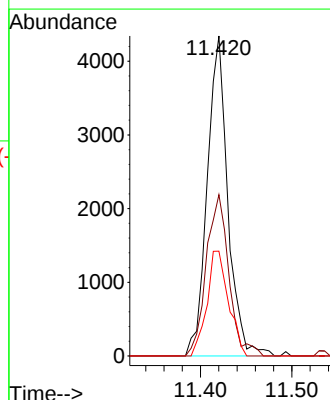
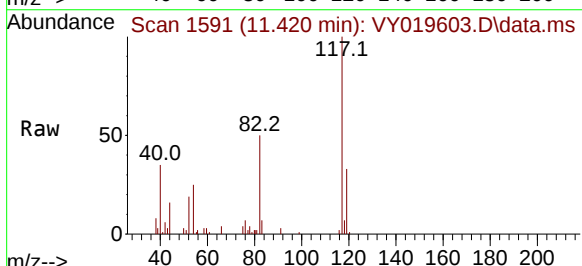
Tgt Ion: 117 Resp: 6791

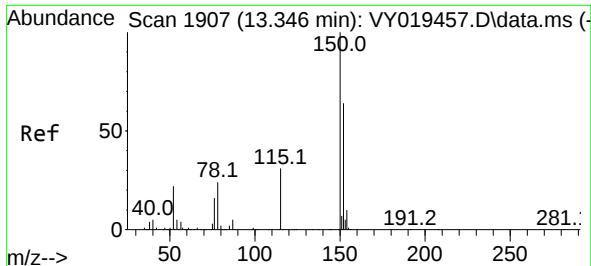
Ion Ratio Lower Upper

117 100

82 50.4 42.4 63.6

119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.013 min

Lab File: VY019603.D

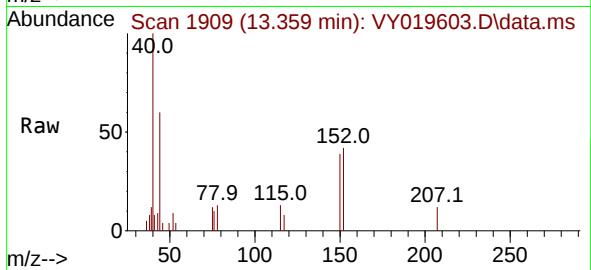
Acq: 18 Sep 2024 14:11

Instrument :

MSVOA_Y

ClientSampleId :

RT2299



Tgt Ion:152 Resp: 918

Ion Ratio Lower Upper

152 100

115 73.0 28.2 84.7

150 148.0 0.0 345.6

