

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019583.D
 Acq On : 17 Sep 2024 14:15
 Operator : SY/MD
 Sample : P4015-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-2-TANK17

Quant Time: Sep 18 01:32:38 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	324290	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	600693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	512802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	185320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	177048	58.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.920%
35) Dibromofluoromethane	7.634	113	184402	54.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.280%
50) Toluene-d8	10.103	98	703229	55.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.640%
62) 4-Bromofluorobenzene	12.408	95	217279	44.857	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.720%

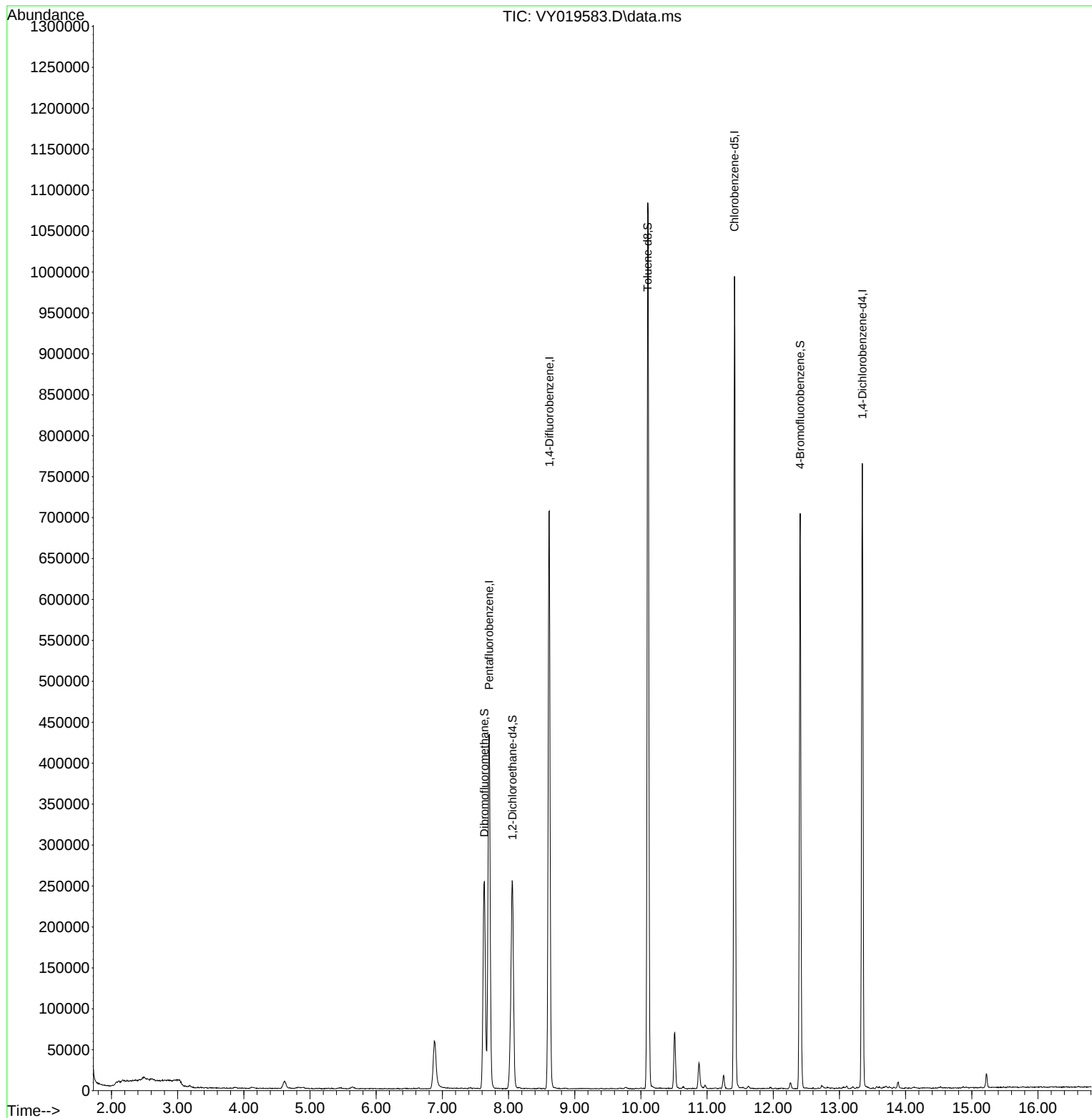
Target Compounds	Qvalue

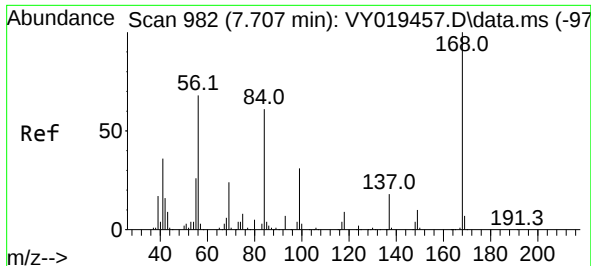
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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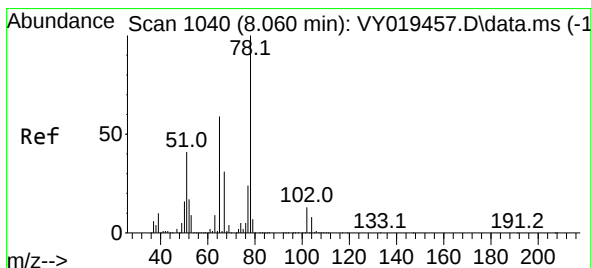
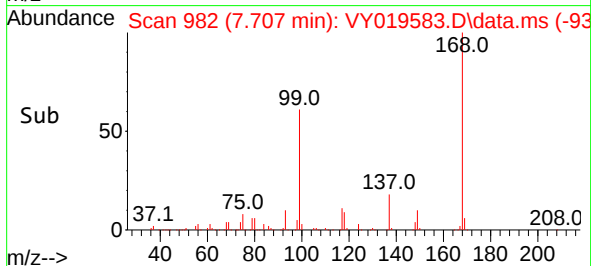
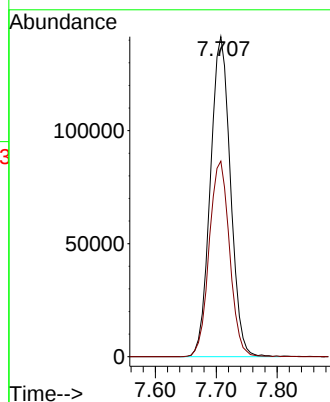
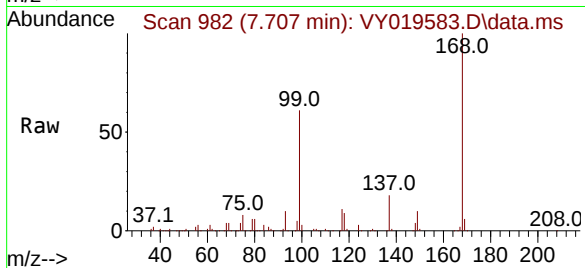




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019583.D
Acq: 17 Sep 2024 14:15

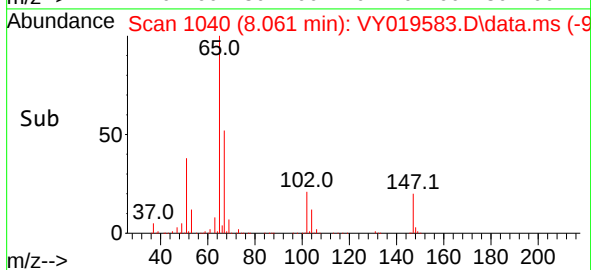
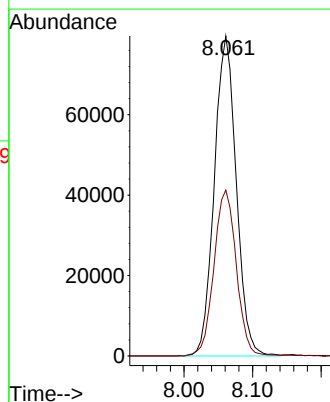
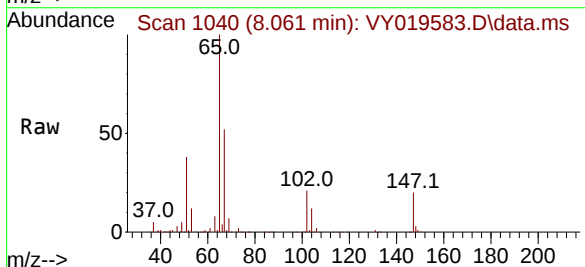
Instrument :
MSVOA_Y
ClientSampleId :
B-2-TANK17

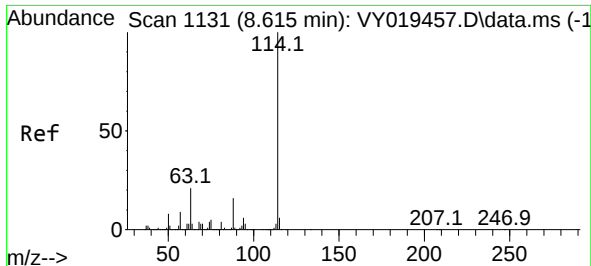
Tgt Ion:168 Resp: 324290
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.960 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019583.D
Acq: 17 Sep 2024 14:15

Tgt Ion: 65 Resp: 177048
Ion Ratio Lower Upper
65 100
67 52.8 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: VY019583.D

Acq: 17 Sep 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

B-2-TANK17

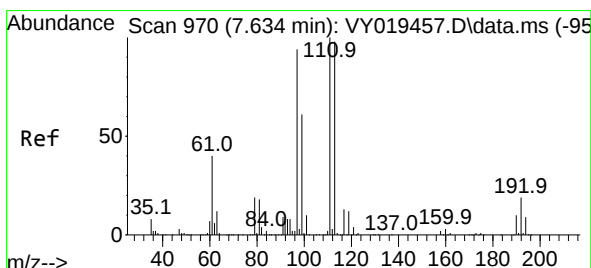
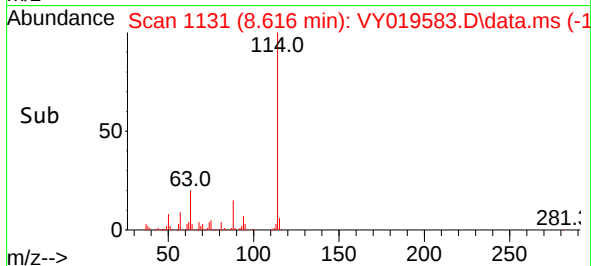
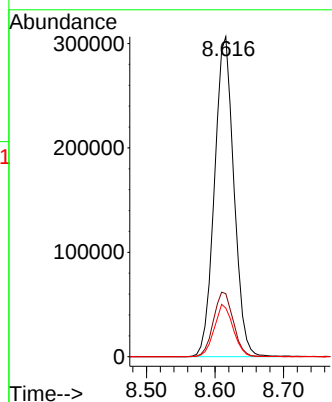
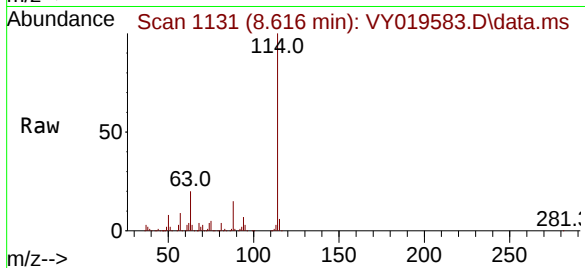
Tgt Ion:114 Resp: 600693

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.143 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

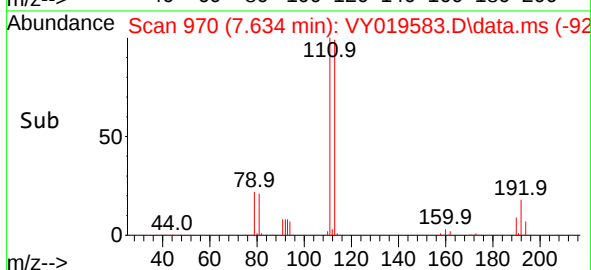
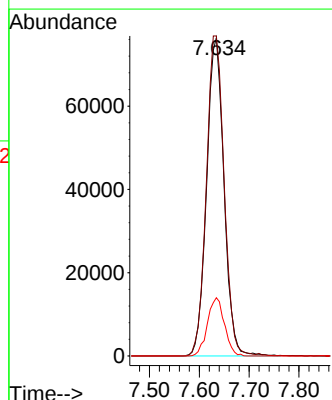
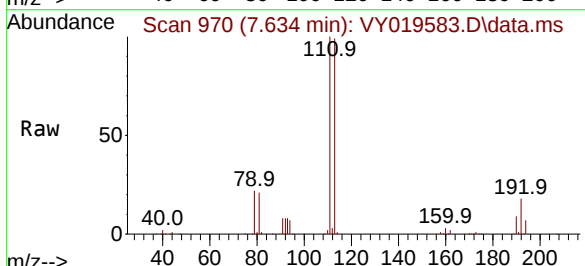
Tgt Ion:113 Resp: 184402

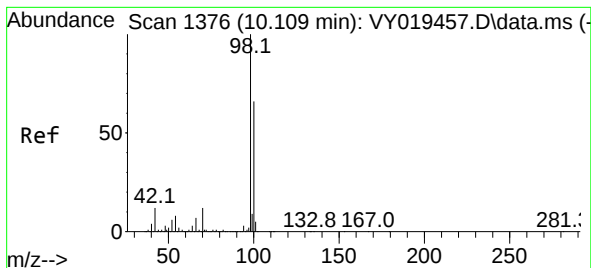
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.0 15.9 23.9





#50

Toluene-d8

Concen: 55.824 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

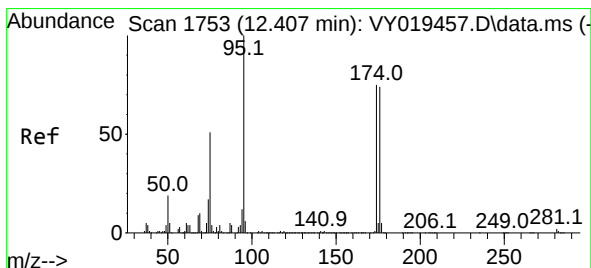
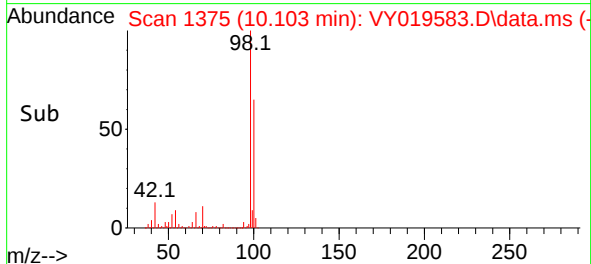
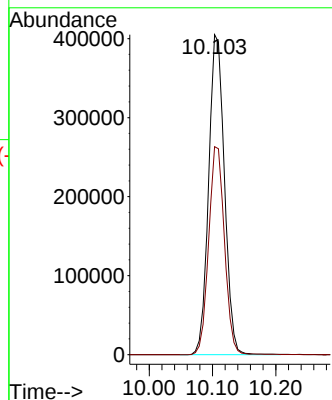
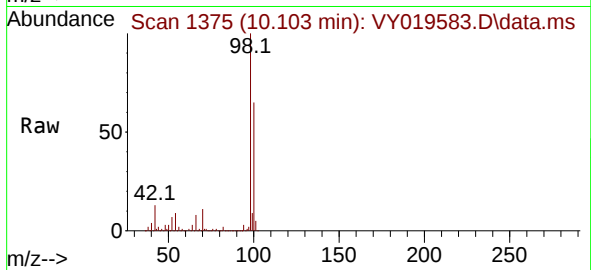
B-2-TANK17

Tgt Ion: 98 Resp: 703229

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.857 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

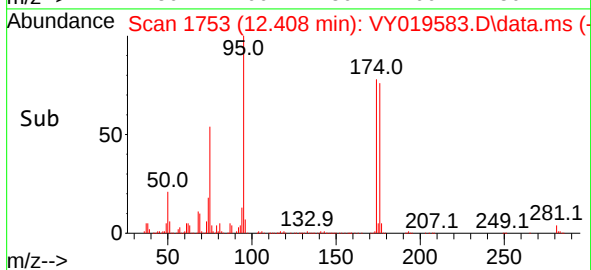
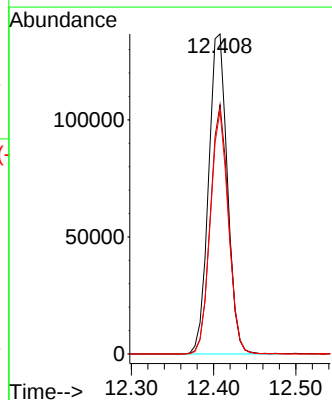
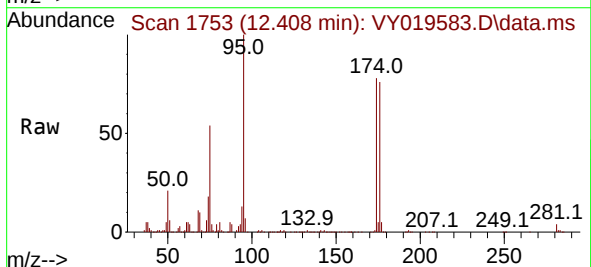
Tgt Ion: 95 Resp: 217279

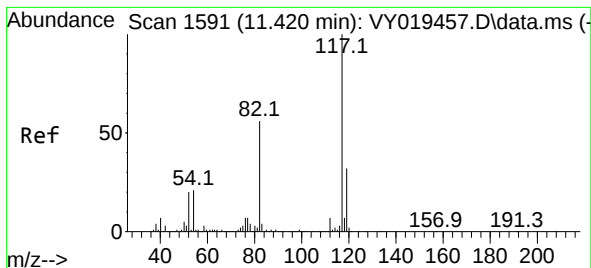
Ion Ratio Lower Upper

95 100

174 75.2 0.0 175.6

176 73.1 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: VY019583.D

Acq: 17 Sep 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

B-2-TANK17

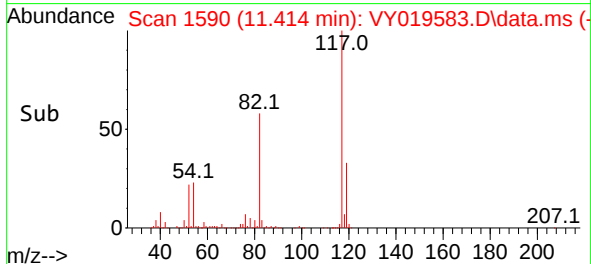
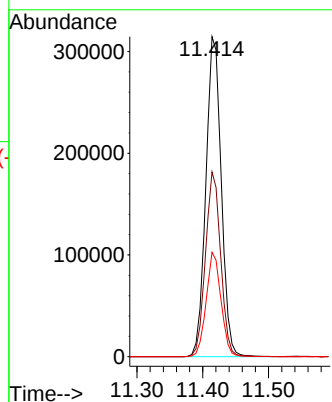
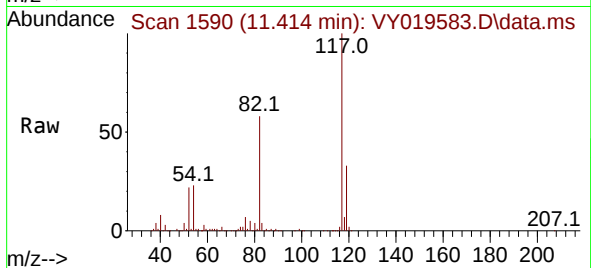
Tgt Ion:117 Resp: 512802

Ion Ratio Lower Upper

117 100

82 57.8 42.4 63.6

119 32.6 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: VY019583.D

Acq: 17 Sep 2024 14:15

Tgt Ion:152 Resp: 185320

Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 156.3 0.0 345.6

