

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019584.D
 Acq On : 17 Sep 2024 14:38
 Operator : SY/MD
 Sample : P4015-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-1-TANK17

Quant Time: Sep 18 01:32:50 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	328088	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	644069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	579610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	221015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	201523	66.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.660%
35) Dibromofluoromethane	7.634	113	206762	56.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.240%
50) Toluene-d8	10.109	98	770818	57.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.140%
62) 4-Bromofluorobenzene	12.401	95	250476	48.228	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.460%

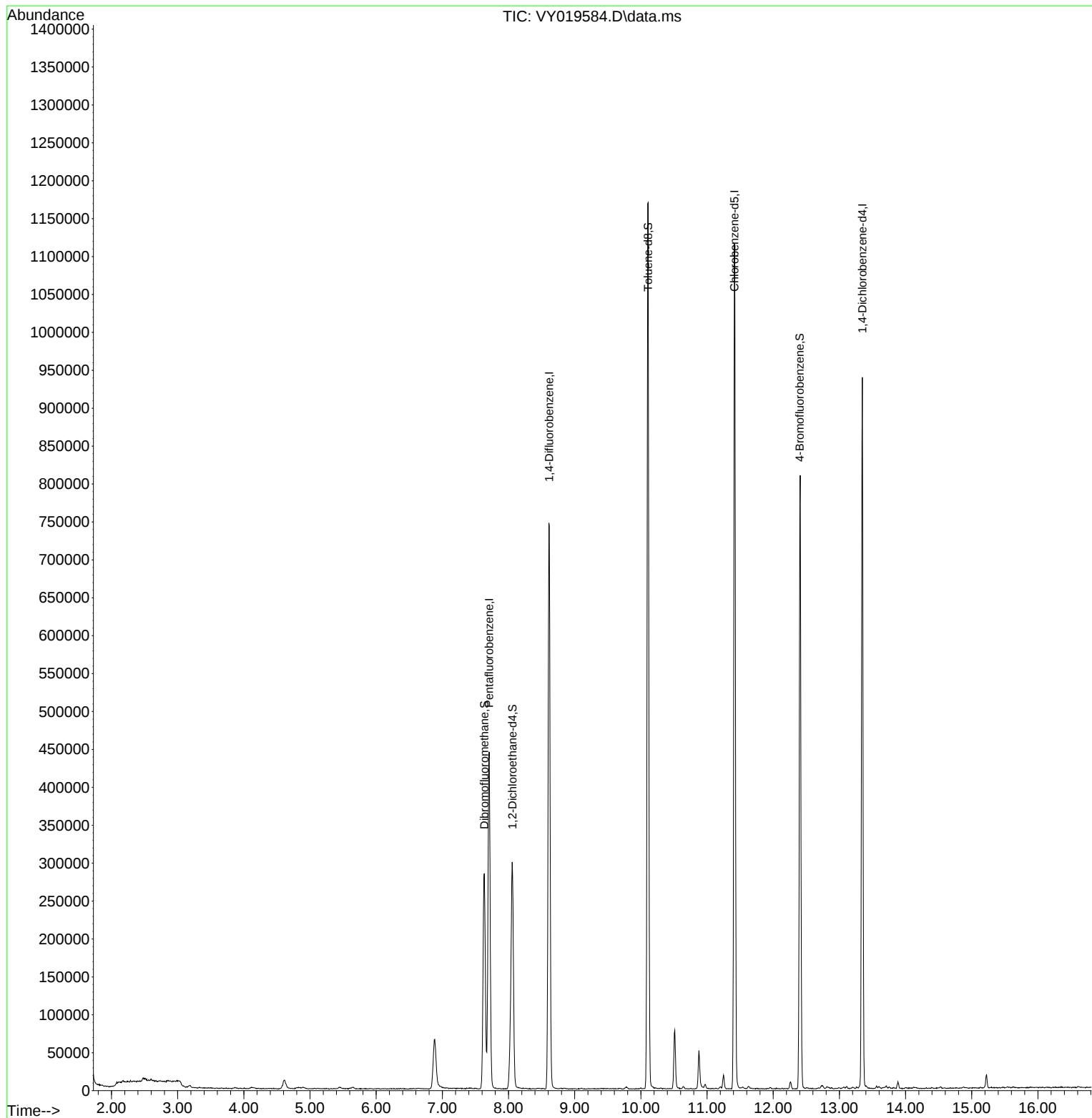
Target Compounds	Qvalue

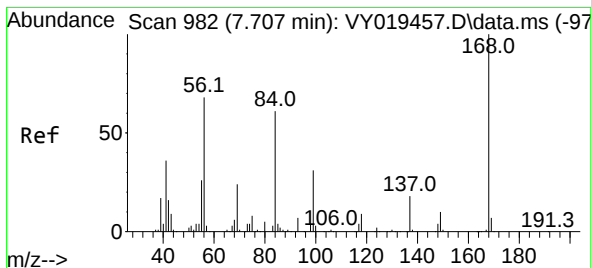
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY019584.D

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Instrument :

MSVOA_Y

ClientSampleId :

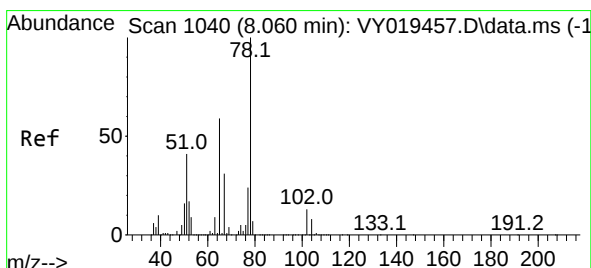
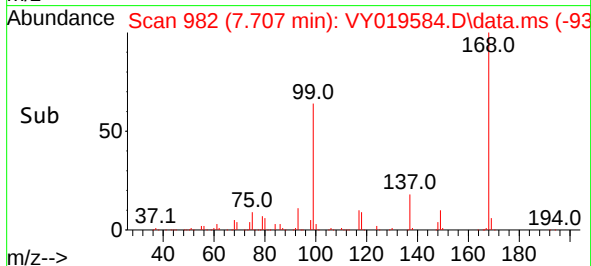
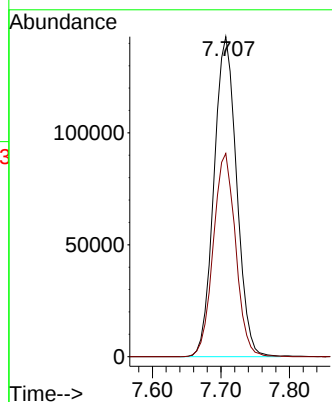
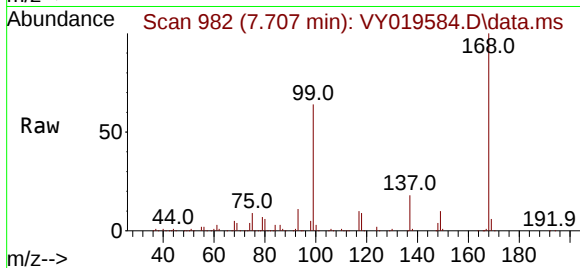
SW-1-TANK17

Tgt Ion:168 Resp: 328088

Ion Ratio Lower Upper

168 100

99 63.5 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 66.334 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019584.D

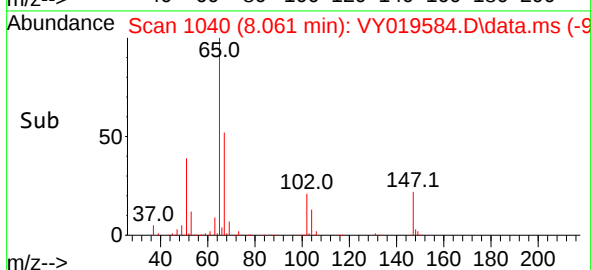
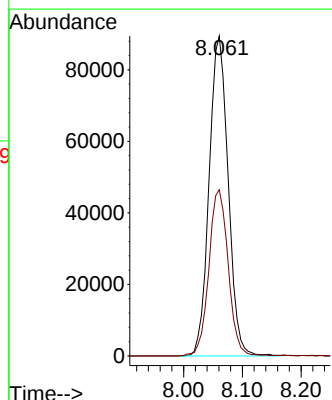
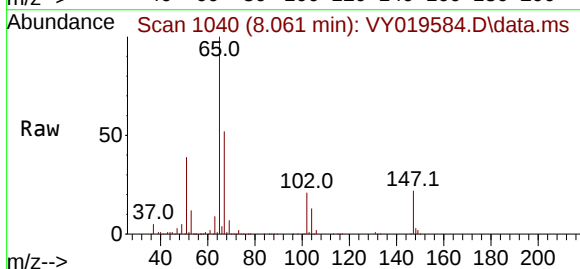
Acq: 17 Sep 2024 14:38

Tgt Ion: 65 Resp: 201523

Ion Ratio Lower Upper

65 100

67 52.7 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: VY019584.D

Acq: 17 Sep 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

SW-1-TANK17

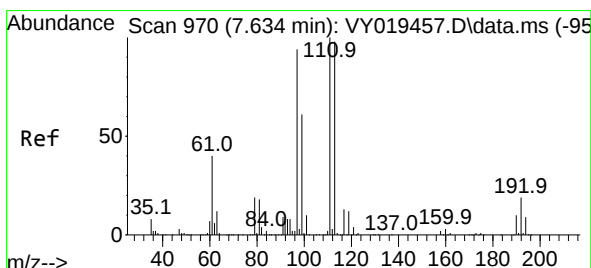
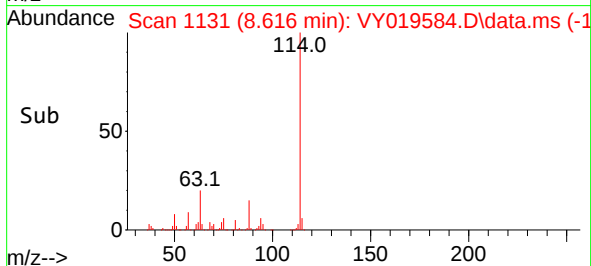
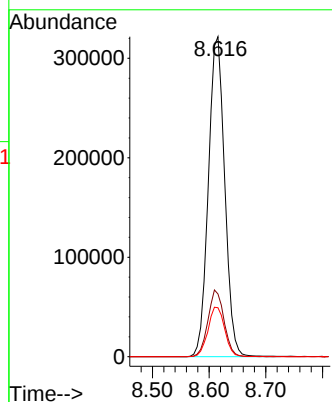
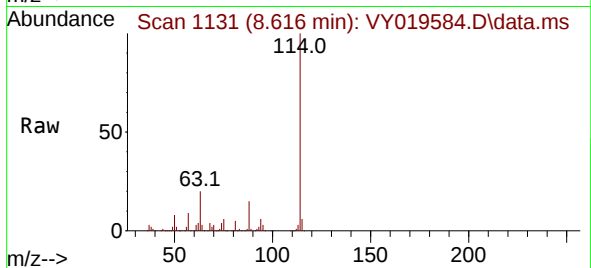
Tgt Ion:114 Resp: 644069

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.620 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019584.D

Acq: 17 Sep 2024 14:38

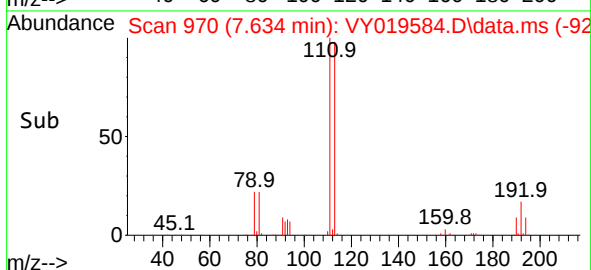
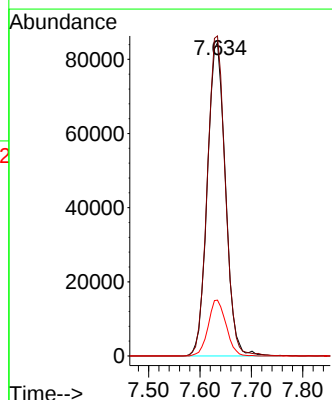
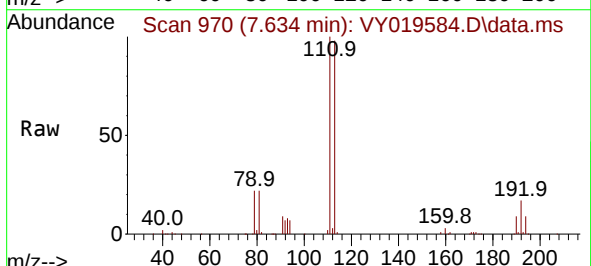
Tgt Ion:113 Resp: 206762

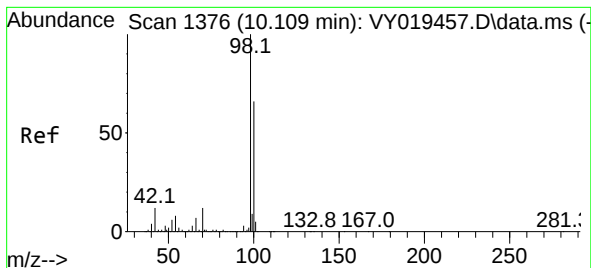
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.7 15.9 23.9

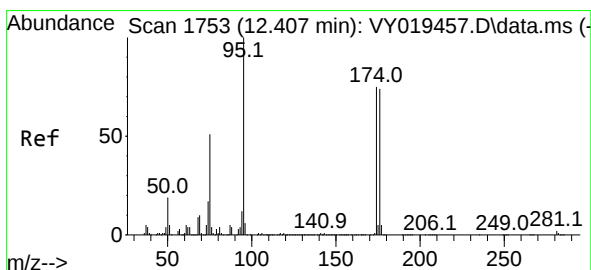
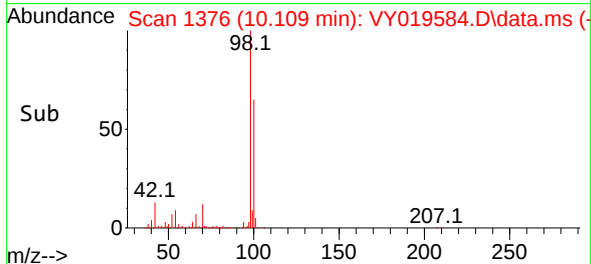
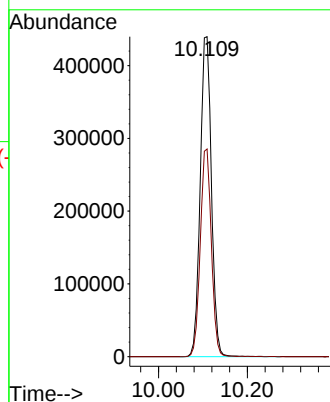
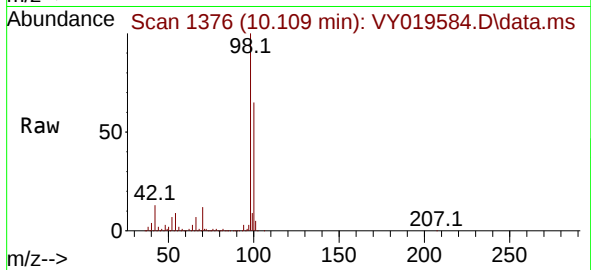




#50
Toluene-d8
Concen: 57.068 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

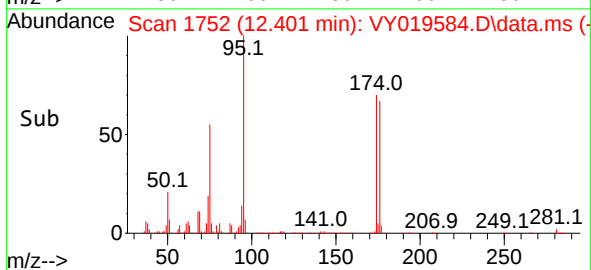
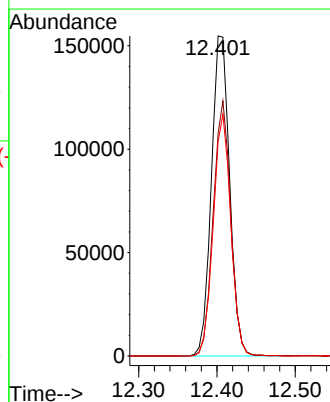
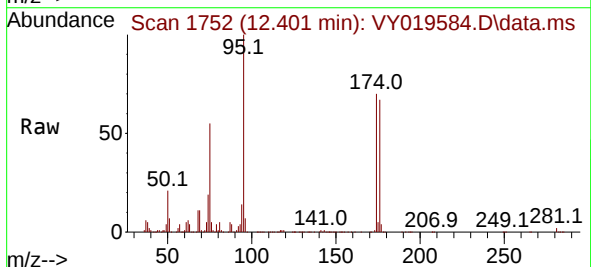
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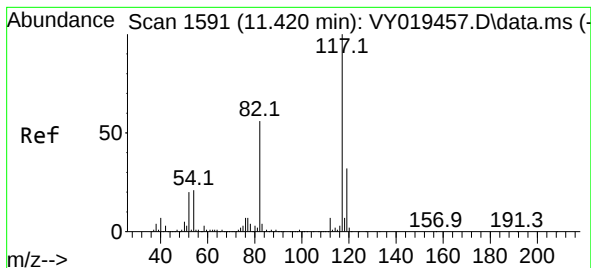
Tgt Ion: 98 Resp: 770818
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.228 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

Tgt Ion: 95 Resp: 250476
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 72.7 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: VY019584.D

Acq: 17 Sep 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

SW-1-TANK17

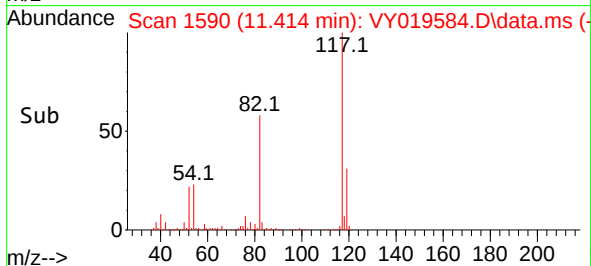
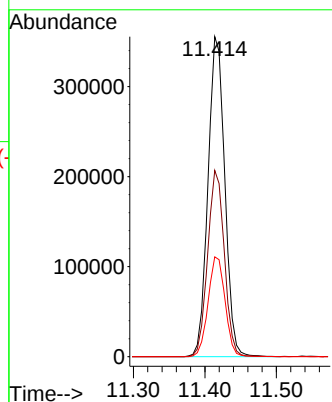
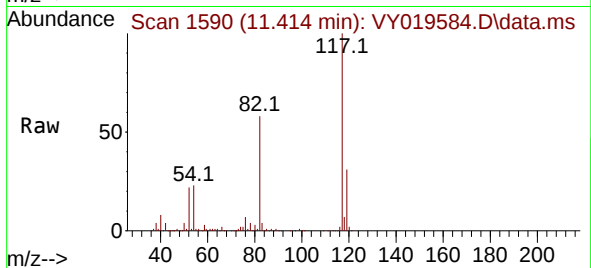
Tgt Ion:117 Resp: 579610

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 31.2 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: VY019584.D

Acq: 17 Sep 2024 14:38

Tgt Ion:152 Resp: 221015

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 159.1 0.0 345.6

