

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019965.D
 Acq On : 21 Oct 2024 16:08
 Operator : SY/MD
 Sample : P4460-03
 Misc : 8.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-303-BOT

Quant Time: Oct 22 01:23:48 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	7.713	168	26731	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	44777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	27736	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	6613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	11935	36.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.520%
35) Dibromofluoromethane	7.634	113	12965	43.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.760%
50) Toluene-d8	10.109	98	47356	43.400	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.800%
62) 4-Bromofluorobenzene	12.401	95	9449	23.966	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	47.940%

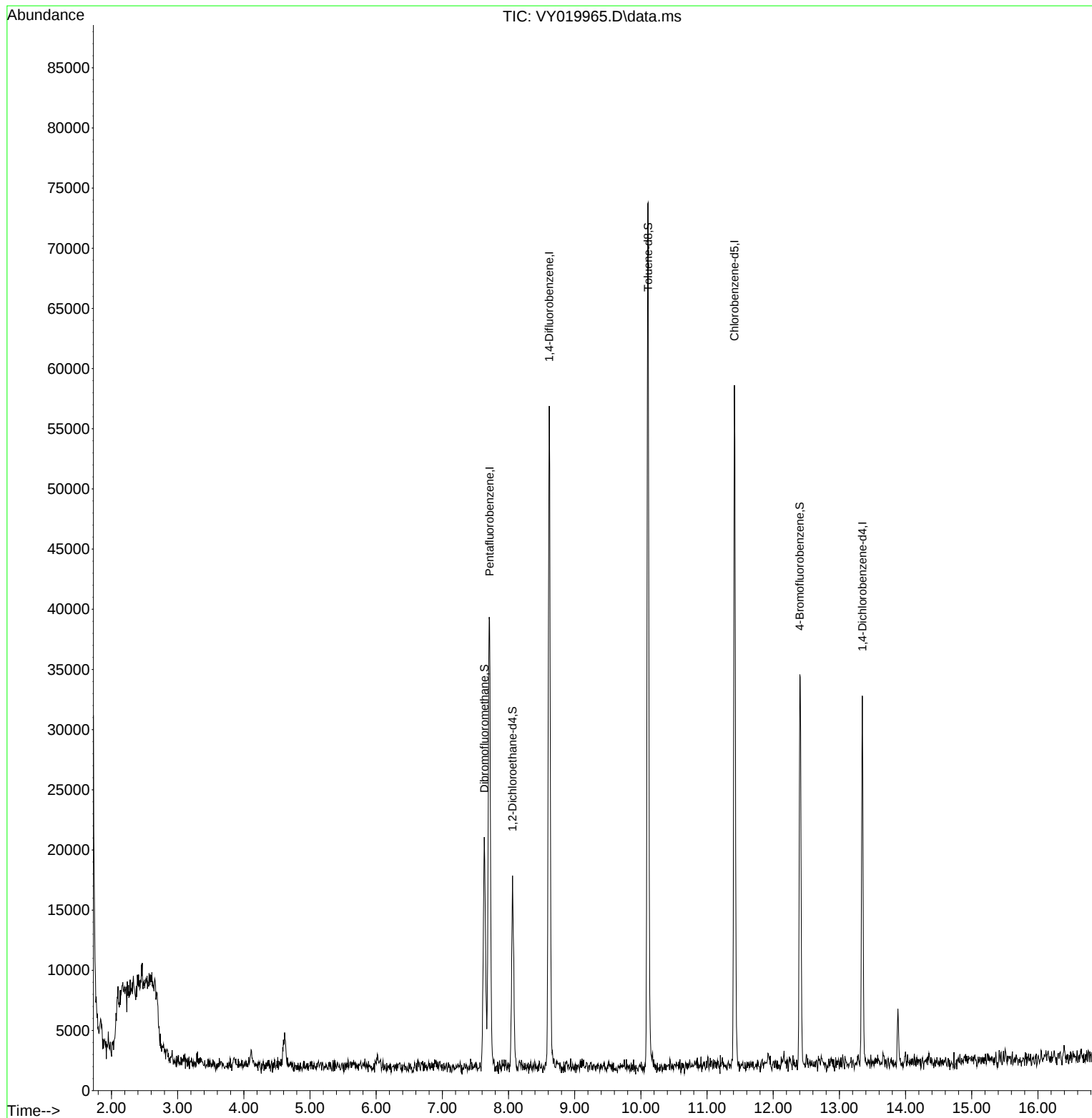
Target Compounds	Qvalue

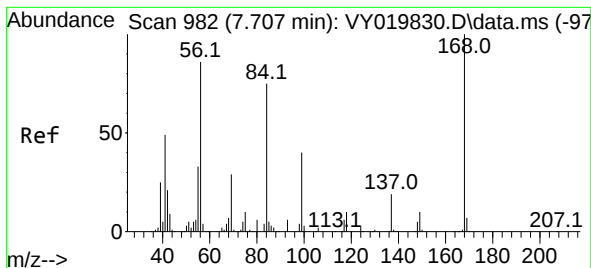
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY019965.D

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Instrument :

MSVOA_Y

ClientSampleId :

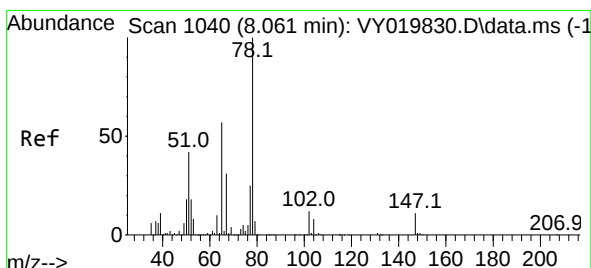
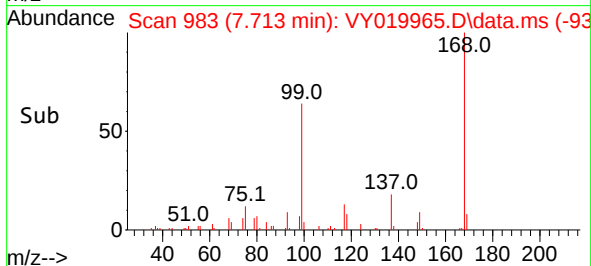
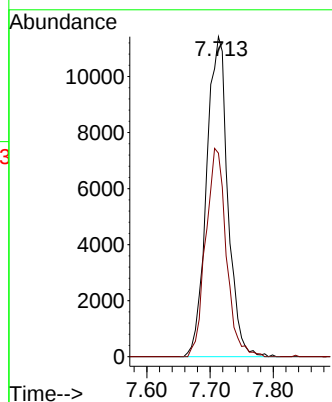
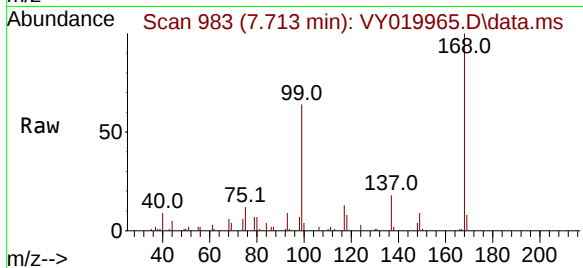
WB-303-BOT

Tgt Ion:168 Resp: 26731

Ion Ratio Lower Upper

168 100

99 63.6 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 36.261 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019965.D

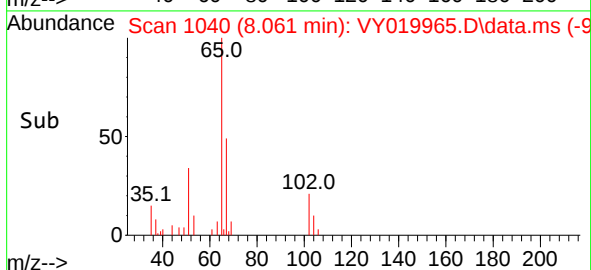
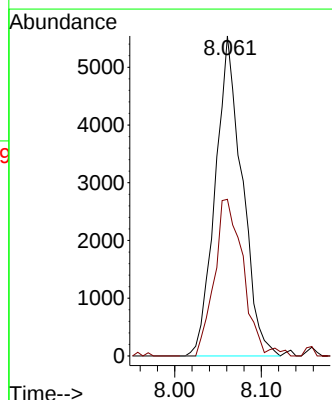
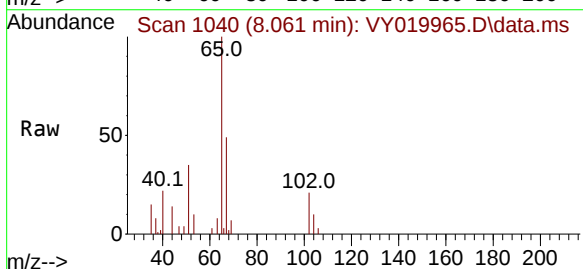
Acq: 21 Oct 2024 16:08

Tgt Ion: 65 Resp: 11935

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6

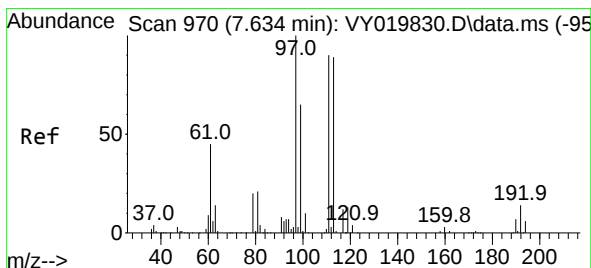
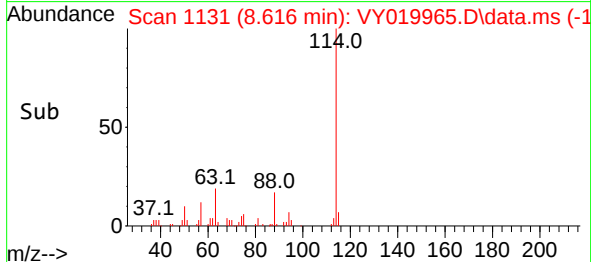
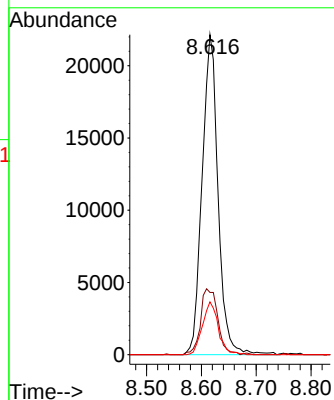
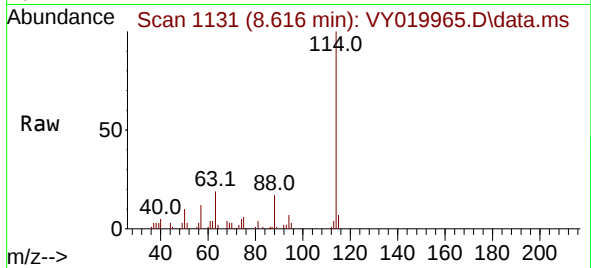




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019965.D
Acq: 21 Oct 2024 16:08

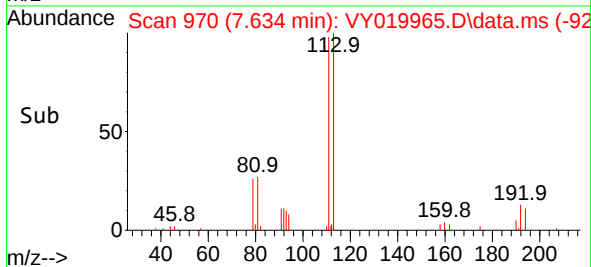
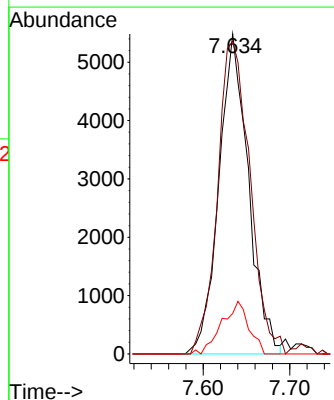
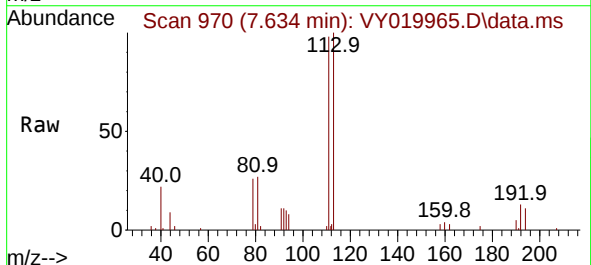
Instrument :
MSVOA_Y
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WB-303-BOT

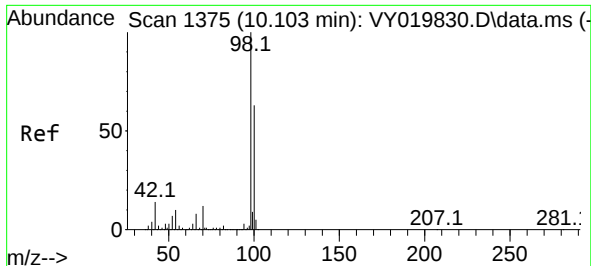
Tgt Ion:	114	Resp:	44777
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	35.0
88	16.5	0.0	27.2



#35
Dibromofluoromethane
Concen: 43.878 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019965.D
Acq: 21 Oct 2024 16:08

Tgt Ion:	113	Resp:	12965
Ion	Ratio	Lower	Upper
113	100		
111	107.6	82.2	123.4
192	15.0	15.9	23.9

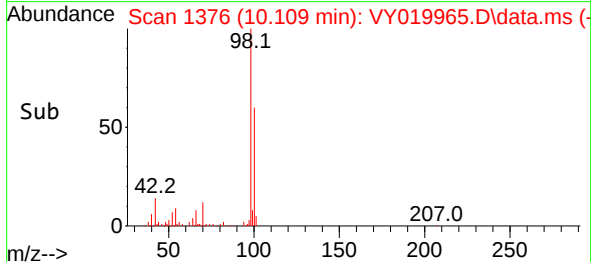
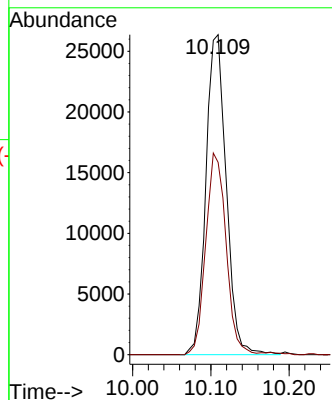
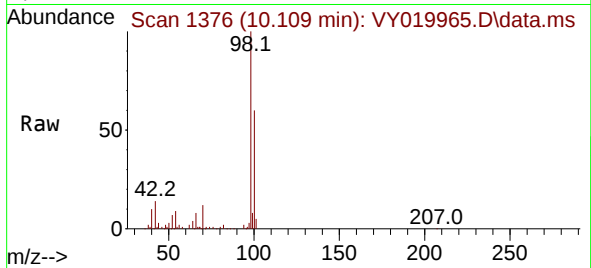




#50
Toluene-d8
Concen: 43.400 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019965.D
Acq: 21 Oct 2024 16:08

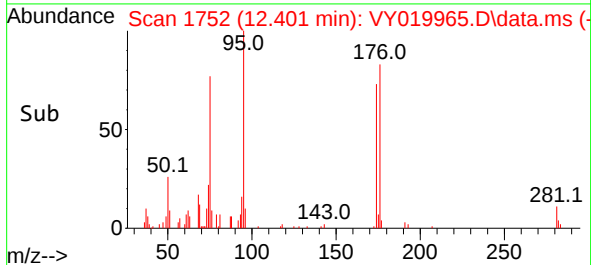
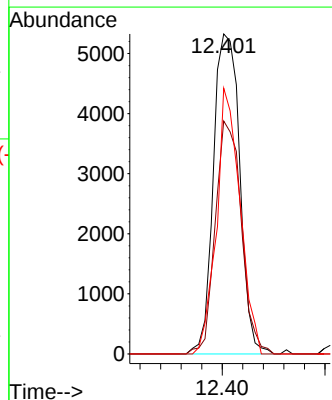
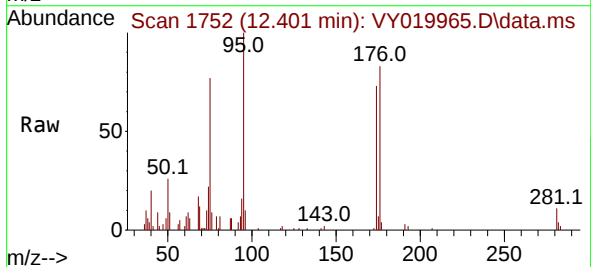
Instrument :
MSVOA_Y
ClientSampleId :
WB-303-BOT

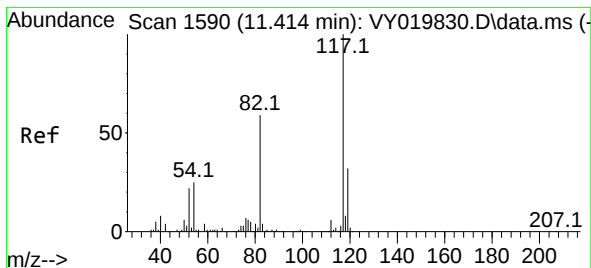
Tgt Ion: 98 Resp: 47356
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.966 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019965.D
Acq: 21 Oct 2024 16:08

Tgt Ion: 95 Resp: 9449
Ion Ratio Lower Upper
95 100
174 71.9 0.0 175.6
176 74.4 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: VY019965.D

Acq: 21 Oct 2024 16:08

Instrument :

MSVOA_Y

ClientSampleId :

WB-303-BOT

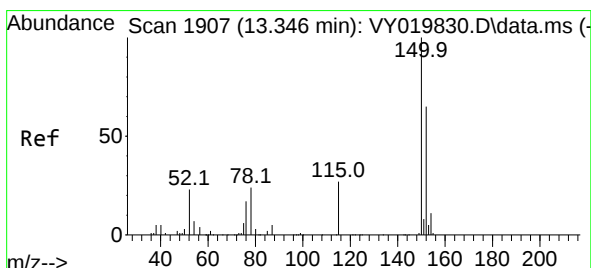
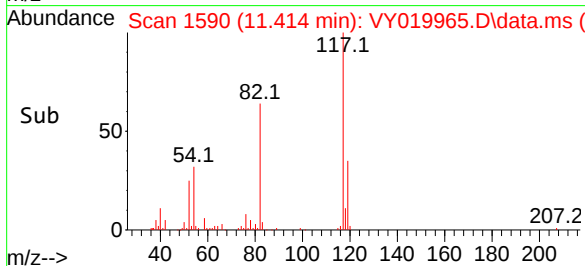
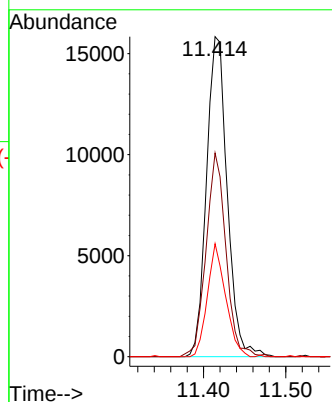
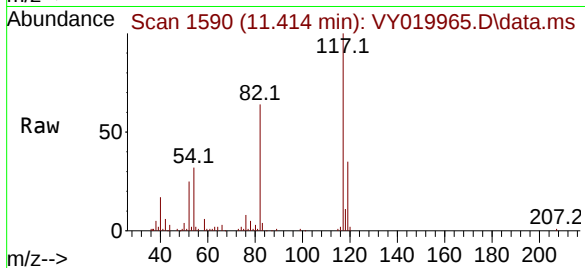
Tgt Ion:117 Resp: 27736

Ion Ratio Lower Upper

117 100

82 63.6 42.4 63.6#

119 35.3 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: VY019965.D

Acq: 21 Oct 2024 16:08

Tgt Ion:152 Resp: 6613

Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 168.7 0.0 345.6

