

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020745.D
 Acq On : 27 Dec 2024 17:31
 Operator : SY/MD
 Sample : P5387-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-122624

Quant Time: Dec 28 03:05:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	126652	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.616	114	205343	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	178509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	75112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	64747	62.413	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.820%
35) Dibromofluoromethane	7.640	113	64378	56.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.840%
50) Toluene-d8	10.109	98	240124	53.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.408	95	75072	49.944	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.880%

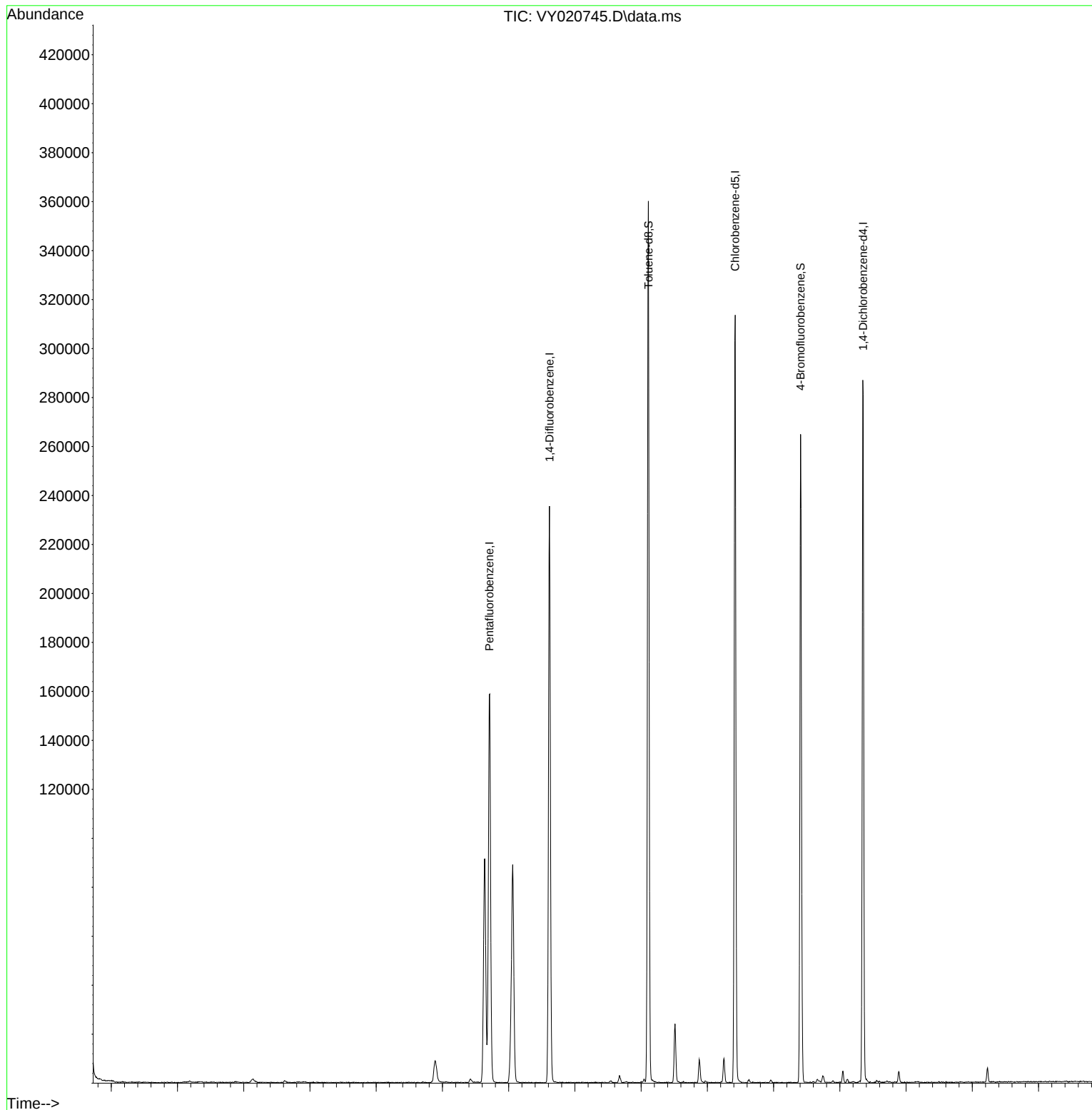
Target Compounds	Qvalue

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

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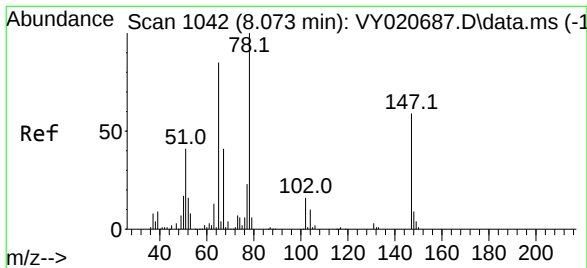
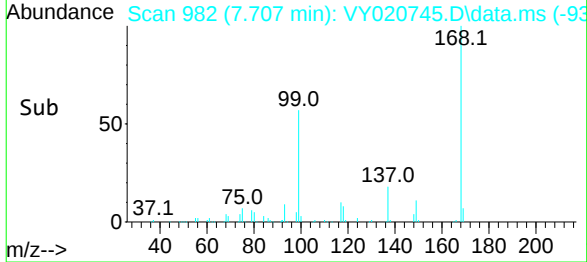
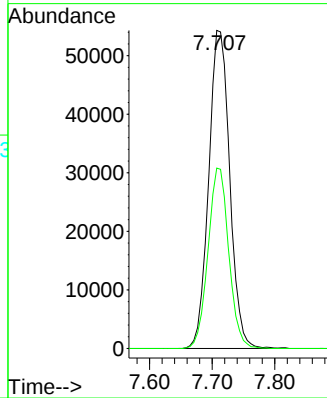
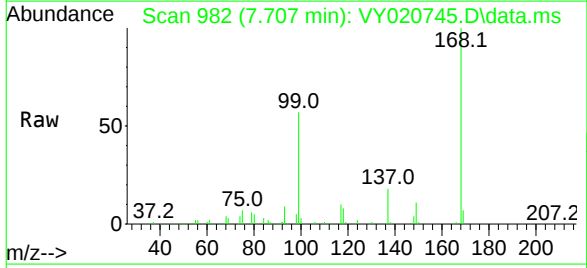




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.018 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

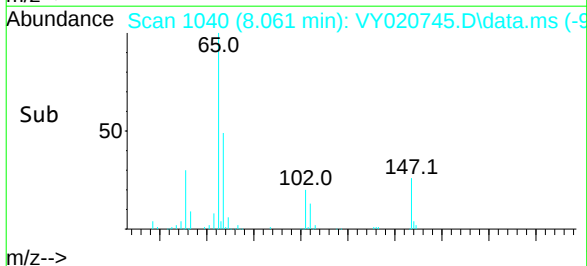
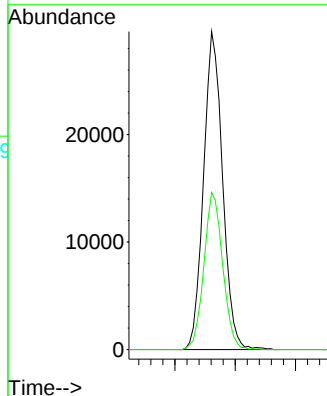
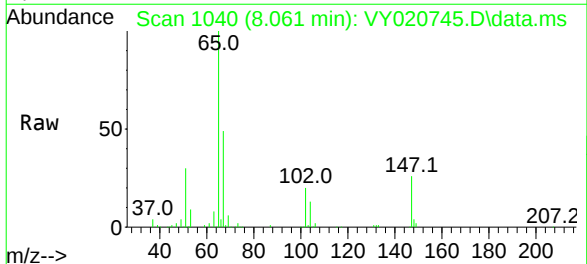
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-122624

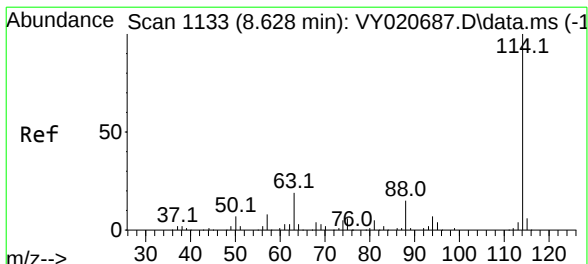
Tgt Ion:168 Resp: 126652
Ion Ratio Lower Upper
168 100
99 56.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 62.413 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

Tgt Ion: 65 Resp: 64747
Ion Ratio Lower Upper
65 100
67 48.9 0.0 98.0

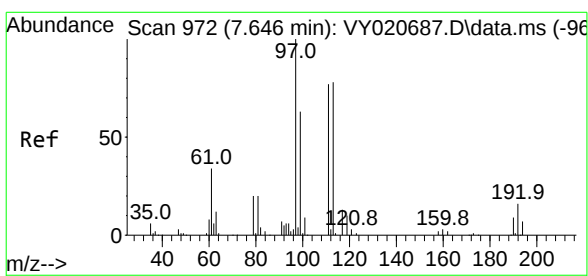
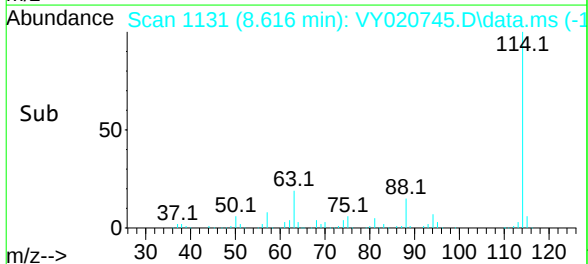
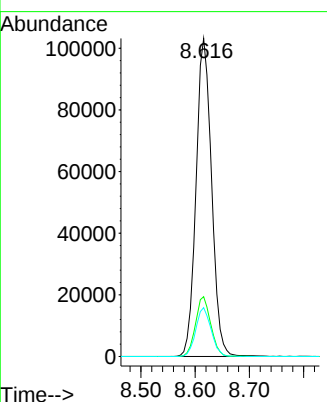
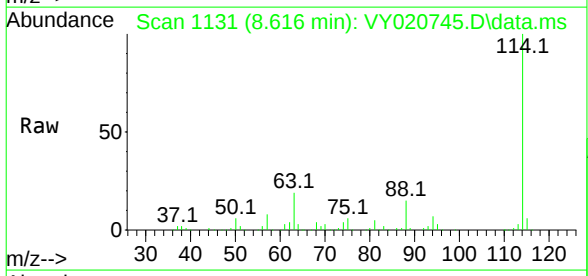




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 111
 Delta R.T. -0.012 min
 Lab File: VY020745.D
 Acq: 27 Dec 2024 17:31

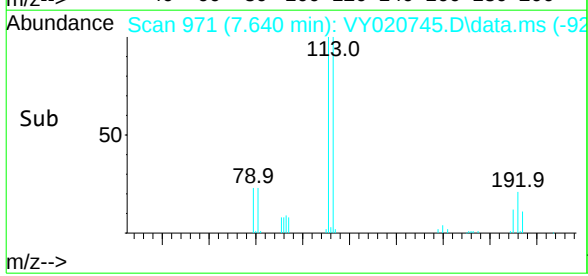
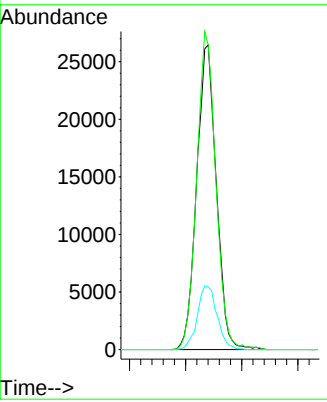
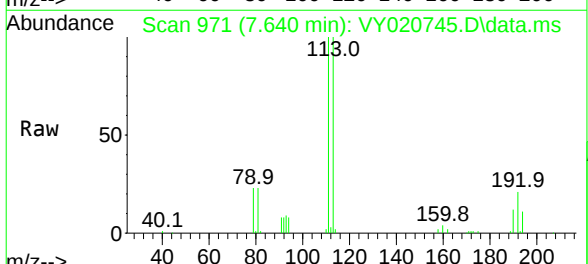
Instrument :
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 TR-05-122624

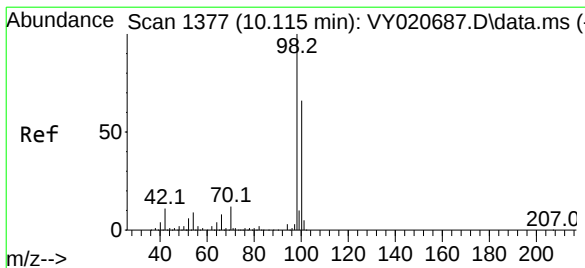
Tgt Ion:	114	Resp:	205343
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	15.3	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 56.918 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.006 min
 Lab File: VY020745.D
 Acq: 27 Dec 2024 17:31

Tgt Ion:	113	Resp:	64378
Ion	Ratio	Lower	Upper
113	100		
111	101.7	79.8	119.8
192	21.0	17.0	25.6





#50

Toluene-d8

Concen: 53.270 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

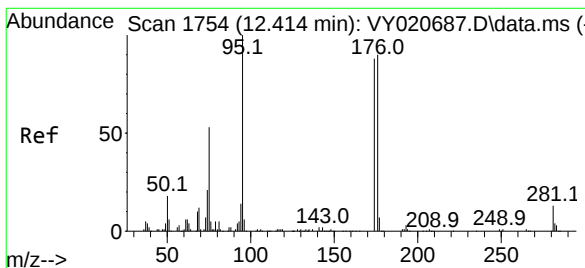
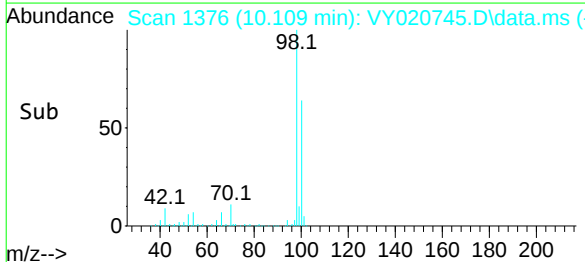
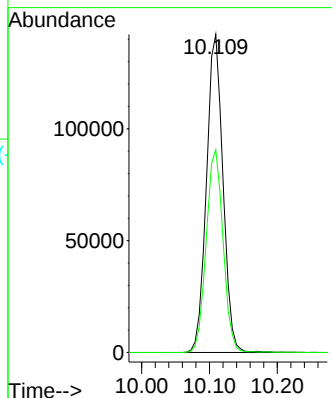
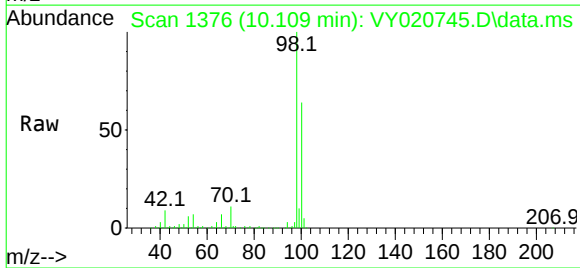
TR-05-122624

Tgt Ion: 98 Resp: 240124

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 49.944 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

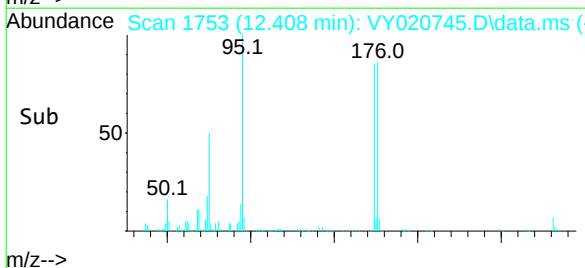
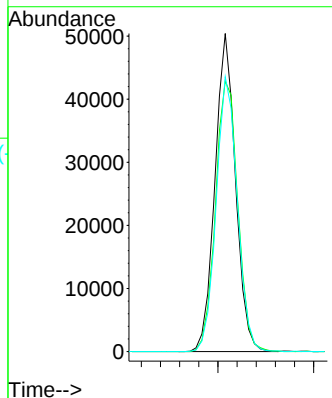
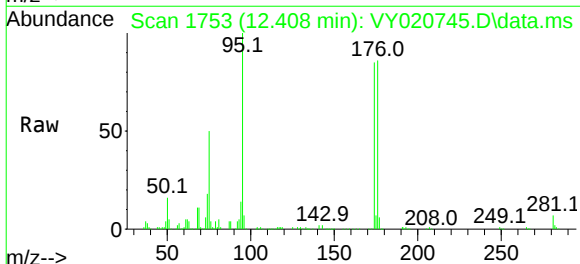
Tgt Ion: 95 Resp: 75072

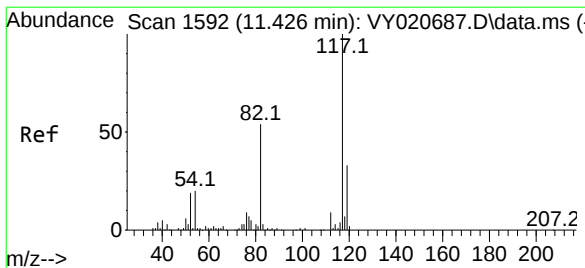
Ion Ratio Lower Upper

95 100

174 92.2 0.0 179.2

176 88.9 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-122624

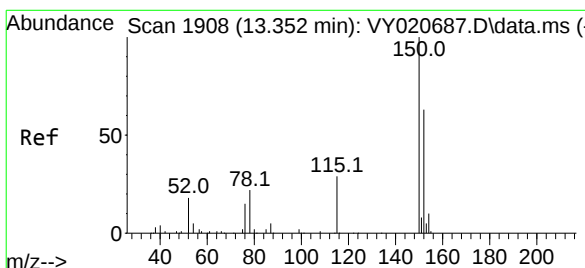
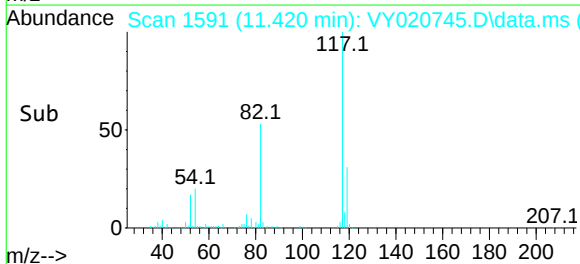
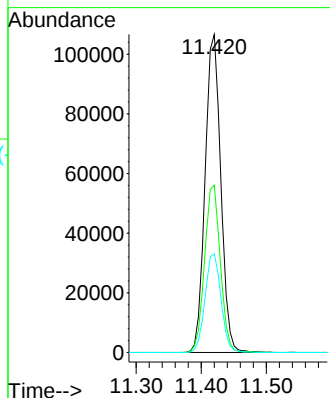
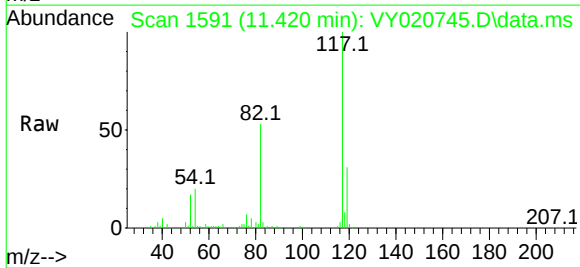
Tgt Ion:117 Resp: 178509

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.2

119 30.9 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

Tgt Ion:152 Resp: 75112

Ion Ratio Lower Upper

152 100

115 58.8 30.3 90.9

150 157.7 0.0 349.0

