

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014743.D
 Acq On : 21 Jul 2023 13:45
 Operator : SY/MD
 Sample : 03681-11
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-4-GRAB-7

Quant Time: Jul 22 05:36:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	215538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	355055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167664	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136097	55.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.820%
35) Dibromofluoromethane	7.710	113	121734	50.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.173	98	444065	50.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.477	95	166340	49.124	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.240%

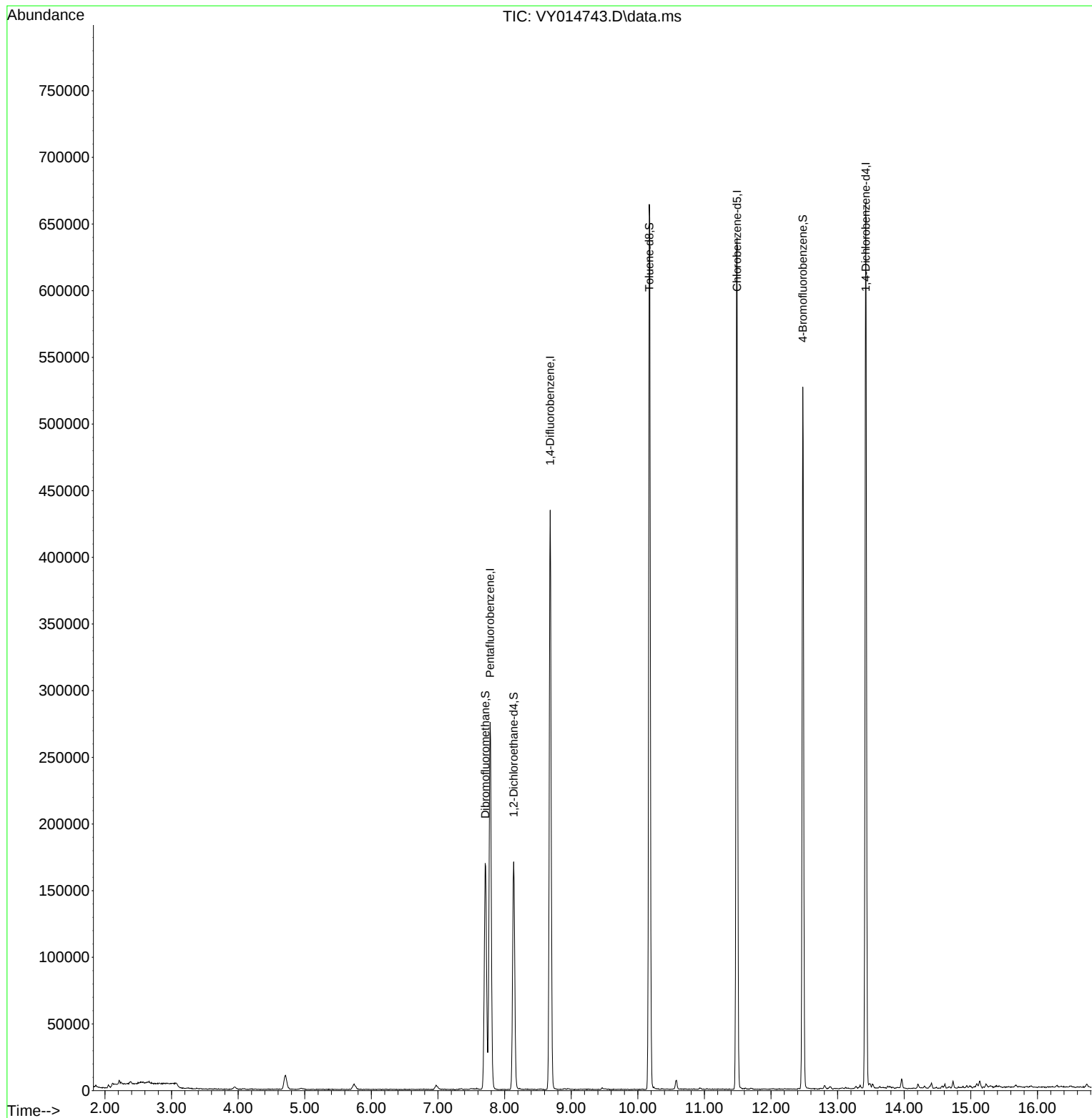
Target Compounds	Qvalue

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

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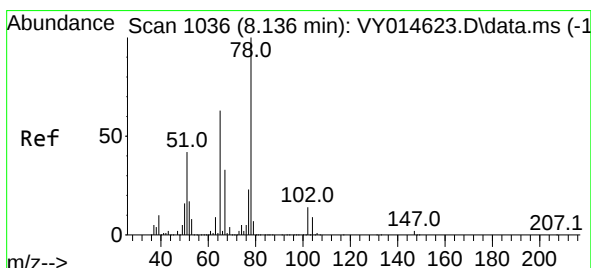
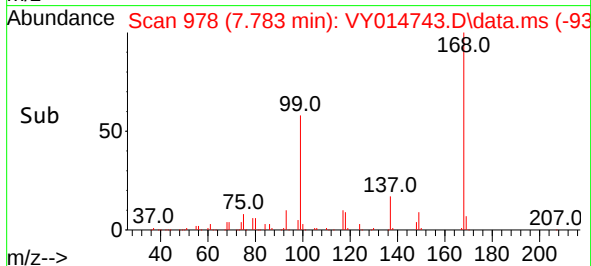
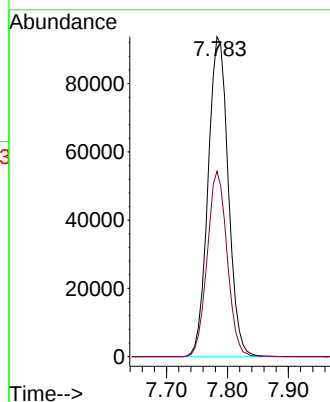
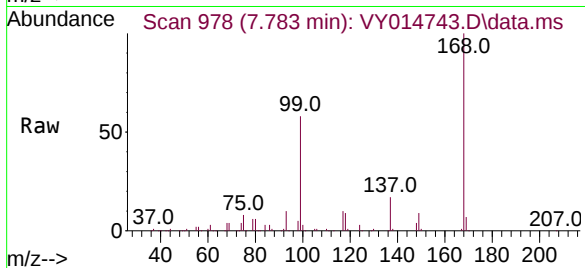




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014743.D
Acq: 21 Jul 2023 13:45

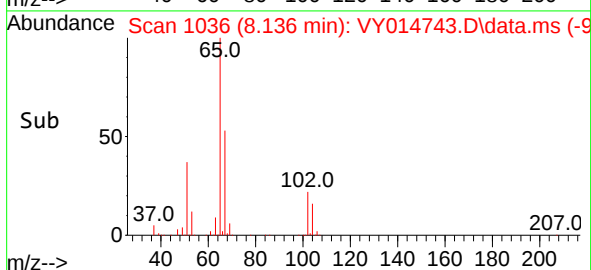
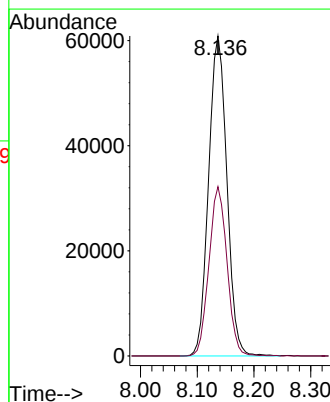
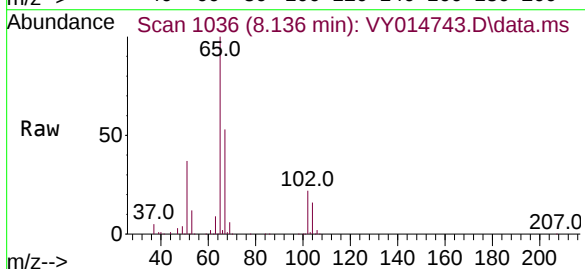
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-4-GRAB-7

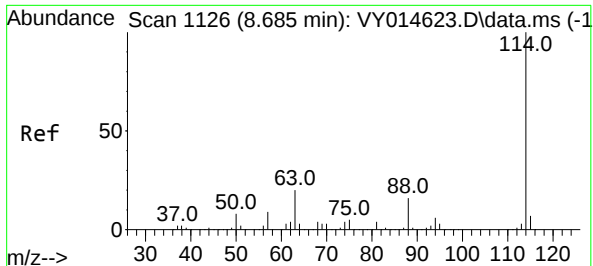
Tgt Ion:168 Resp: 215538
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.411 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014743.D
Acq: 21 Jul 2023 13:45

Tgt Ion: 65 Resp: 136097
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014743.D

Acq: 21 Jul 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-4-GRAB-7

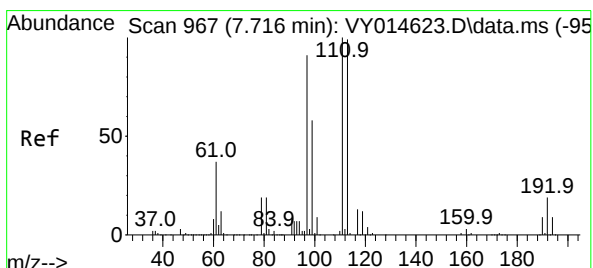
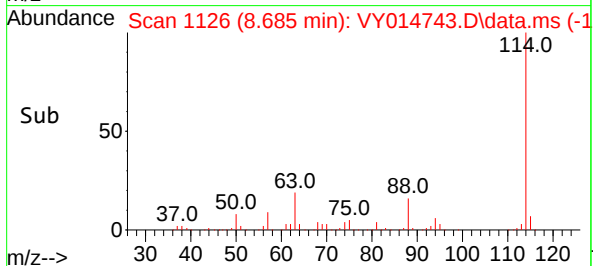
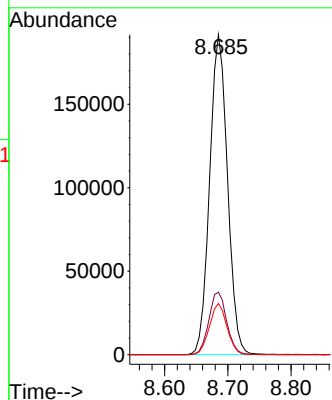
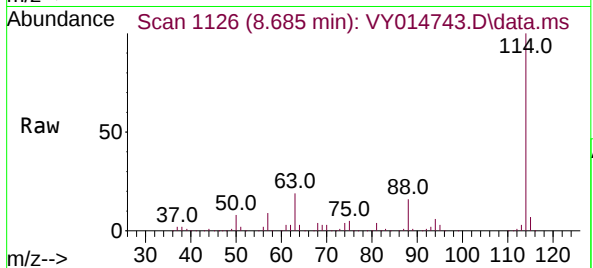
Tgt Ion:114 Resp: 376281

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.822 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014743.D

Acq: 21 Jul 2023 13:45

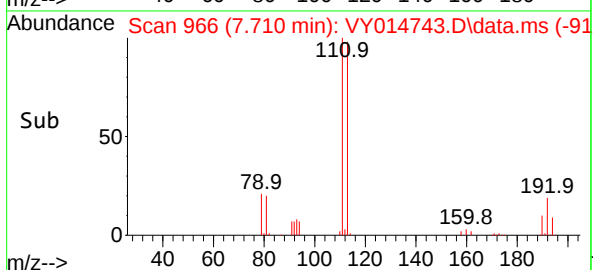
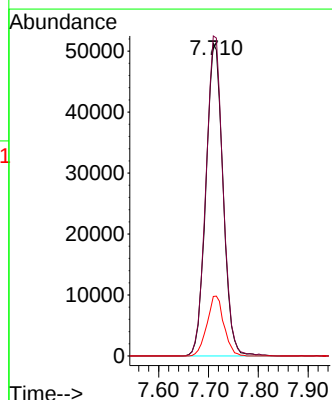
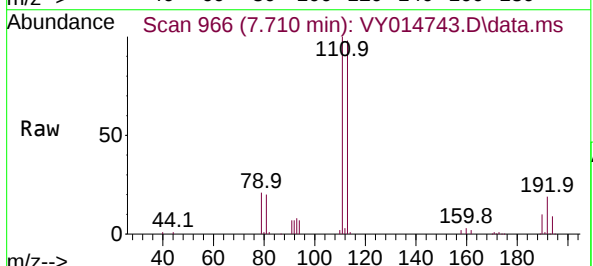
Tgt Ion:113 Resp: 121734

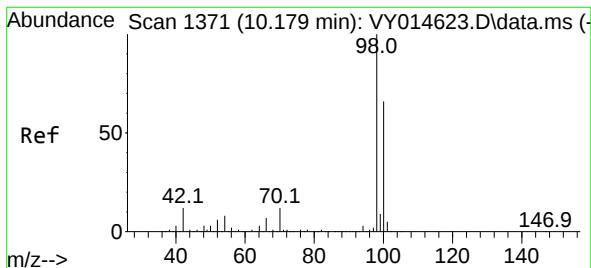
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.1 16.9 25.3

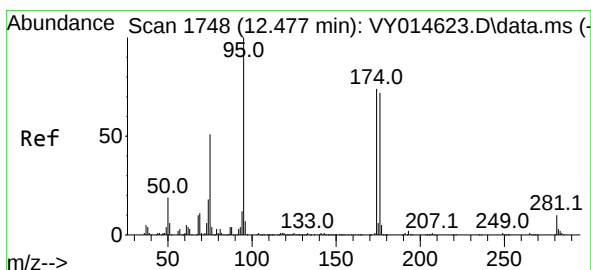
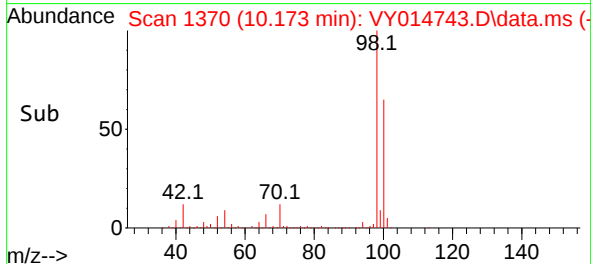
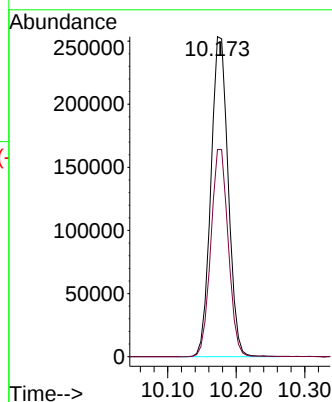
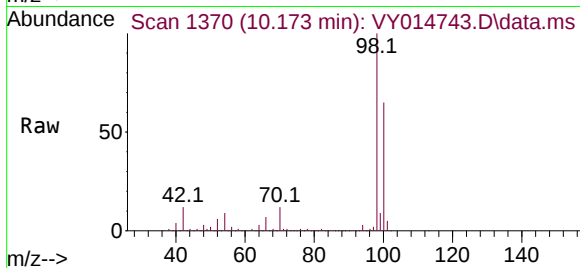




#50
Toluene-d8
Concen: 50.285 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014743.D
Acq: 21 Jul 2023 13:45

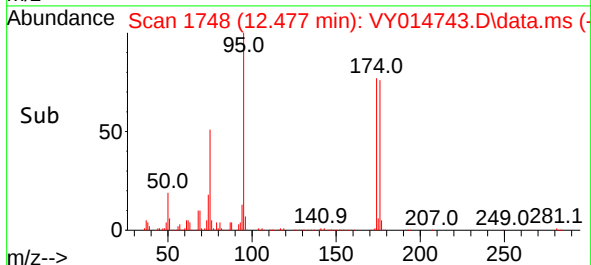
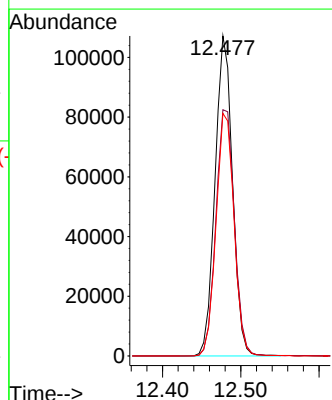
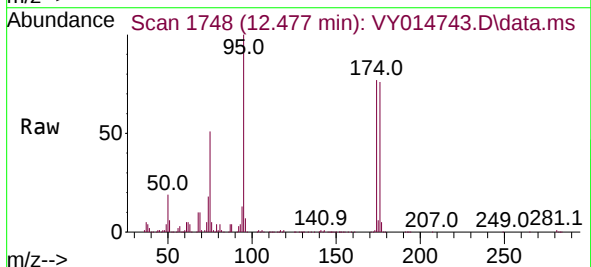
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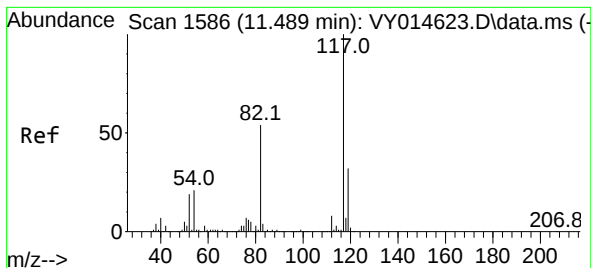
Tgt Ion: 98 Resp: 444065
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.124 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014743.D
Acq: 21 Jul 2023 13:45

Tgt Ion: 95 Resp: 166340
Ion Ratio Lower Upper
95 100
174 81.6 0.0 178.2
176 78.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014743.D

Acq: 21 Jul 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-4-GRAB-7

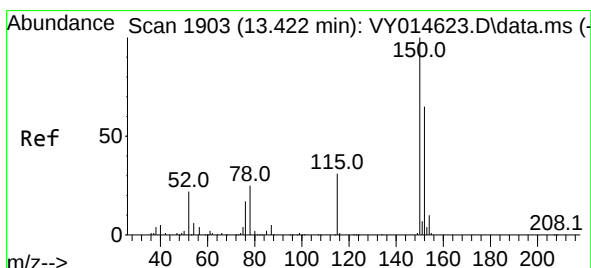
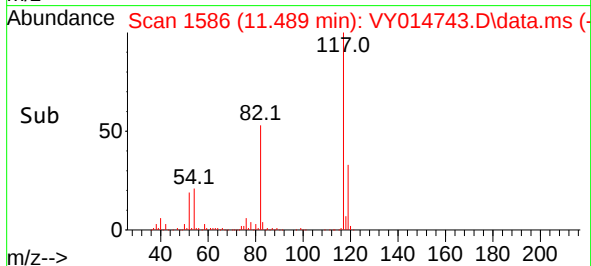
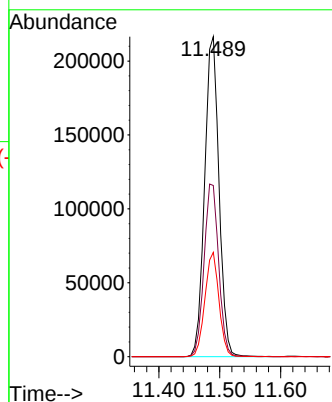
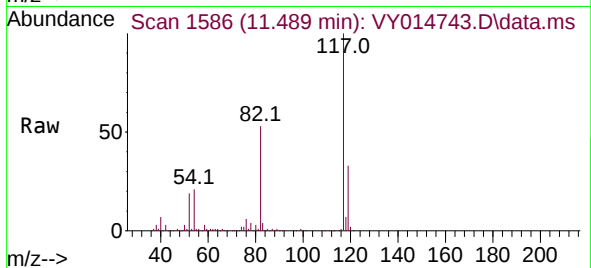
Tgt Ion:117 Resp: 355055

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 32.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014743.D

Acq: 21 Jul 2023 13:45

Tgt Ion:152 Resp: 167664

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 155.0 0.0 348.8

