

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013695.D
 Acq On : 10 May 2023 18:04
 Operator : KP/MD
 Sample : 02719-05
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-X01 10-12 20230509

Quant Time: May 11 03:31:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	186048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	134513	65.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.900%
35) Dibromofluoromethane	7.716	113	109629	54.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.760%
50) Toluene-d8	10.179	98	392789	55.275	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.540%
62) 4-Bromofluorobenzene	12.477	95	126011	52.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.200%

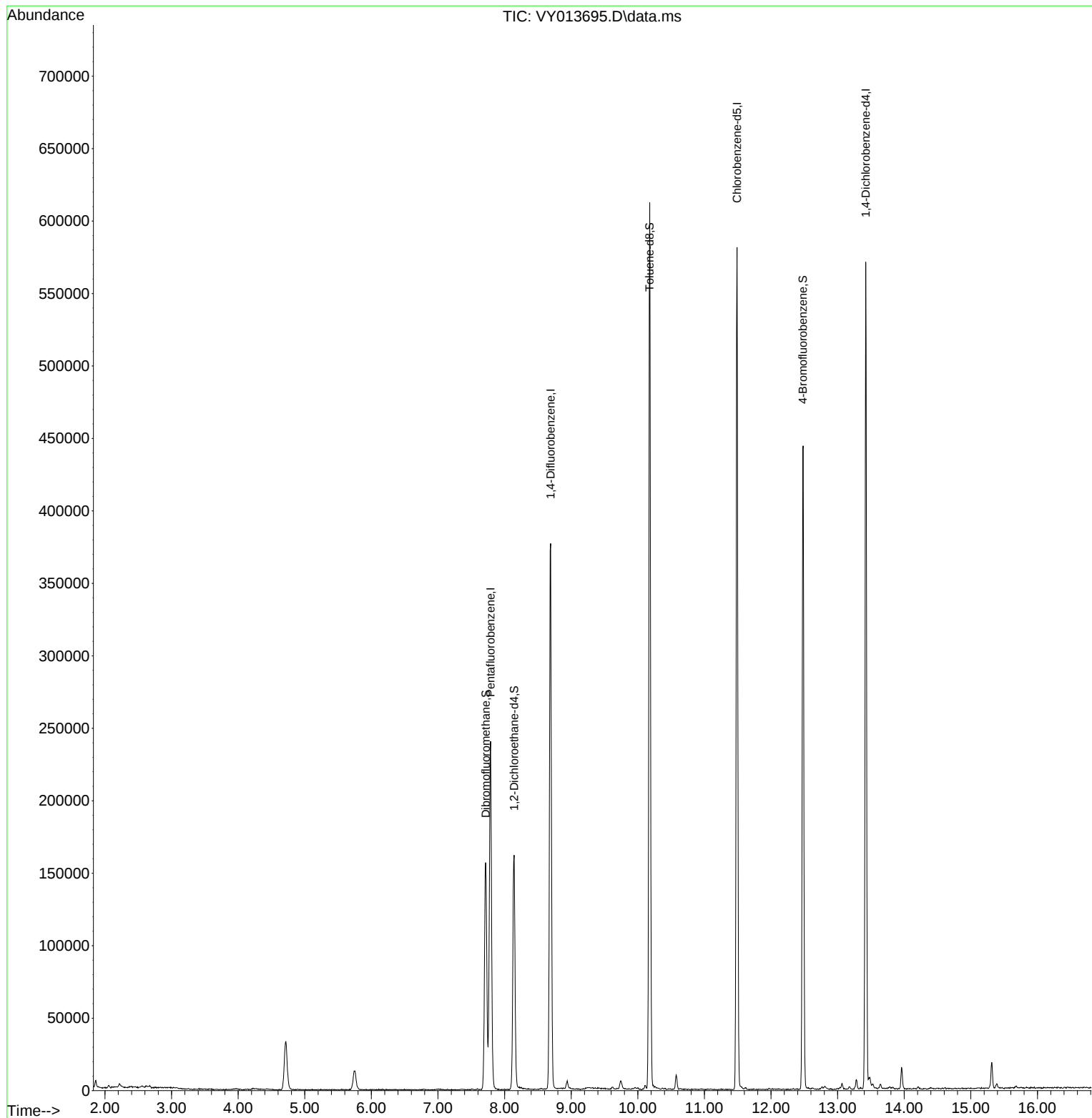
Target Compounds	Qvalue

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

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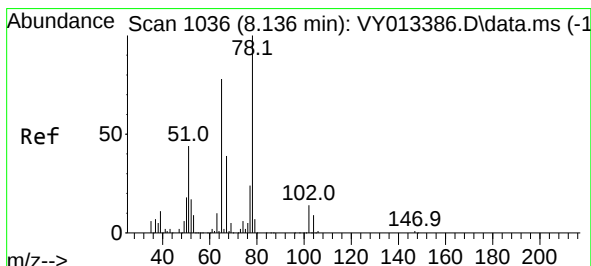
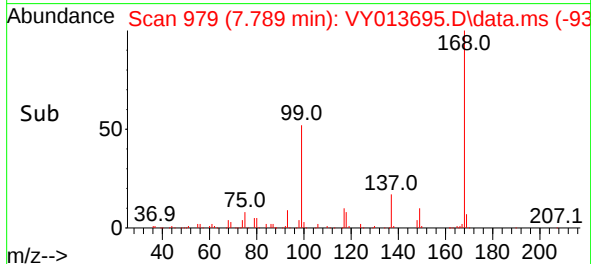
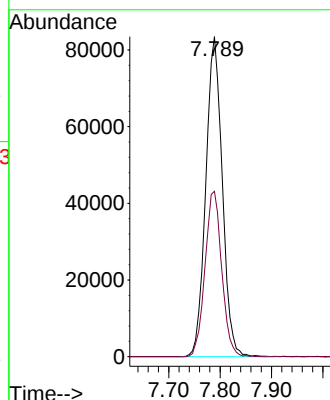
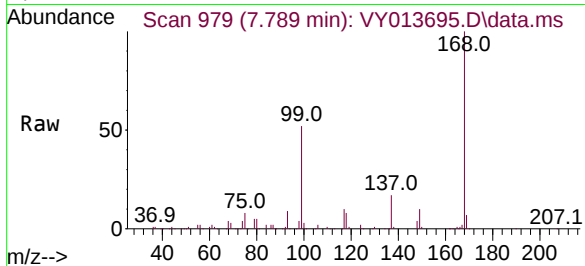




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

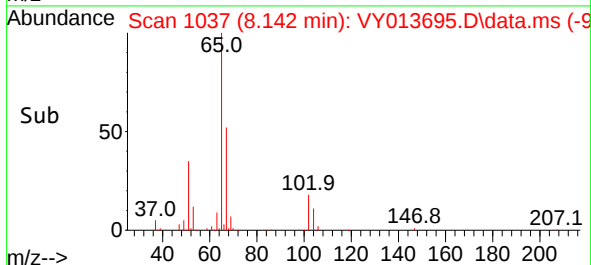
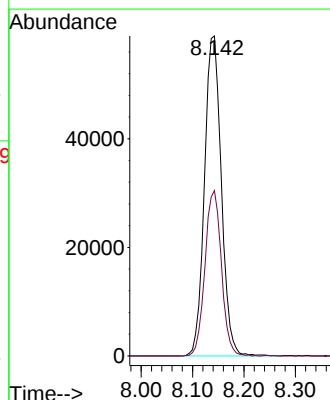
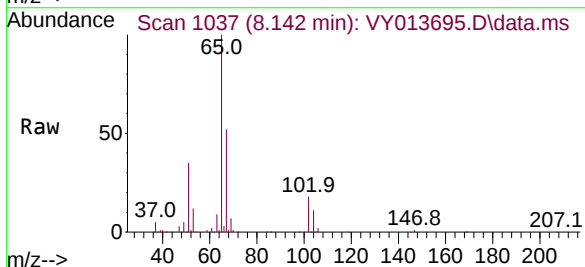
Instrument :
MSVOA_Y
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SB-X01 10-12 20230509

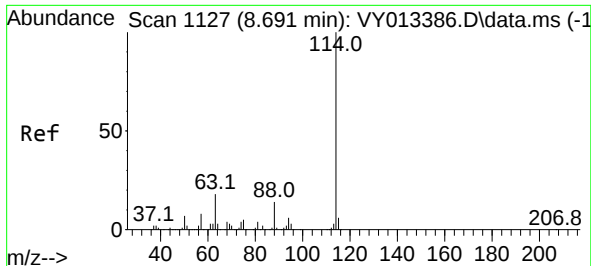
Tgt Ion:168 Resp: 186048
Ion Ratio Lower Upper
168 100
99 51.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 65.954 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Tgt Ion: 65 Resp: 134513
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4

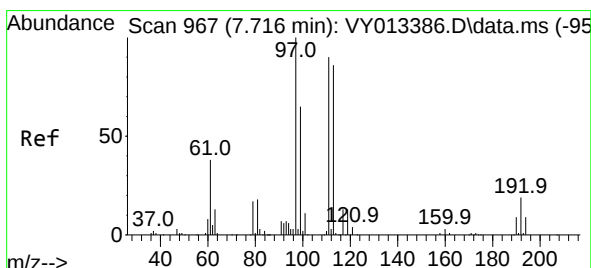
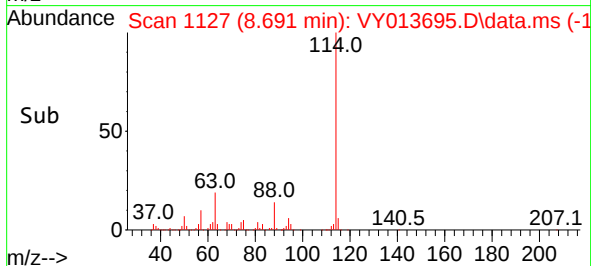
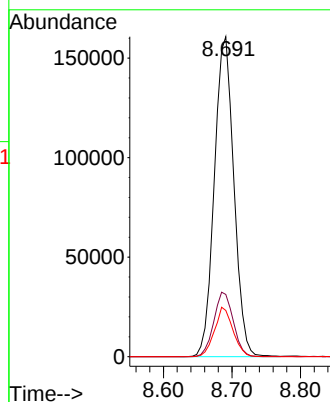
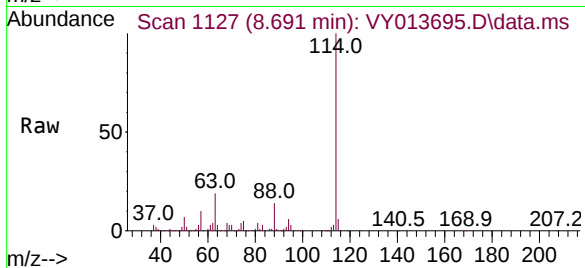




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

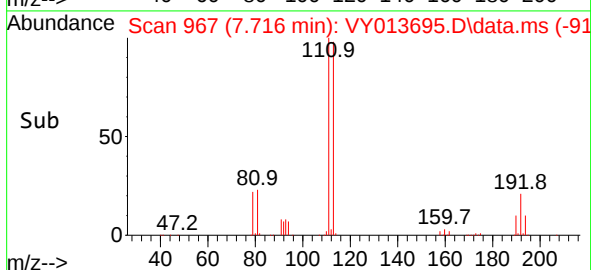
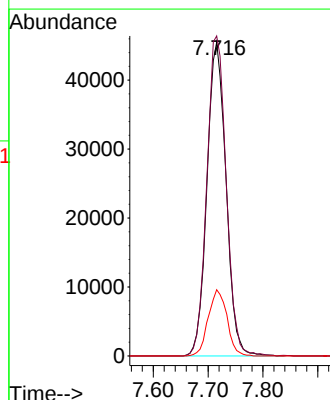
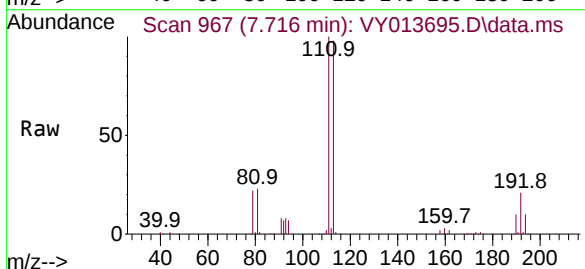
Instrument :
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ClientSampleId :
SB-X01 10-12 20230509

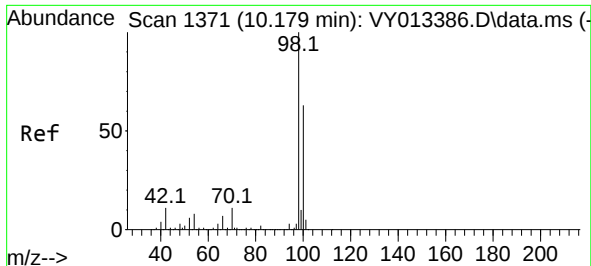
Tgt Ion:	114	Resp:	317600
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	36.6
88	14.5	0.0	28.8



#35
Dibromofluoromethane
Concen: 54.881 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Tgt Ion:	113	Resp:	109629
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.2	123.2
192	20.8	16.7	25.1

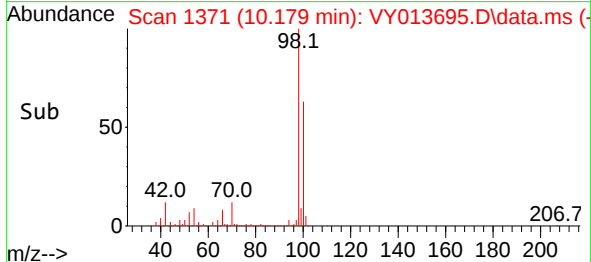
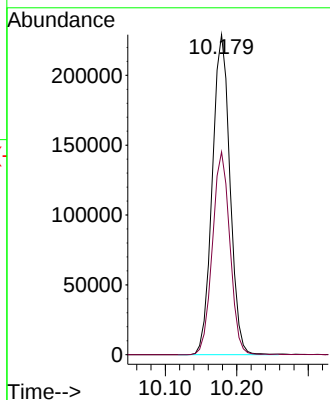
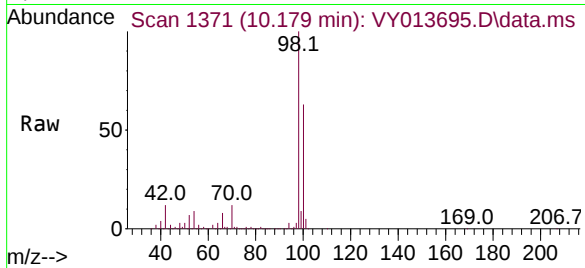




#50
Toluene-d8
Concen: 55.275 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

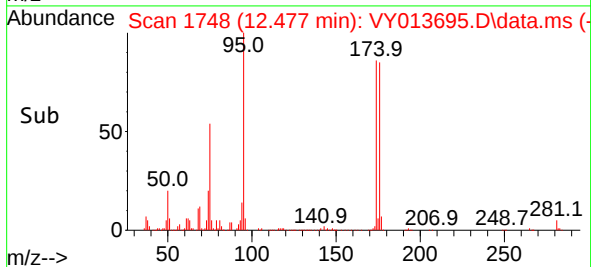
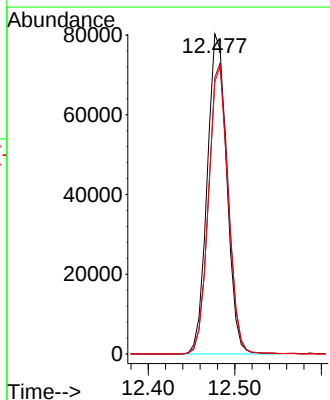
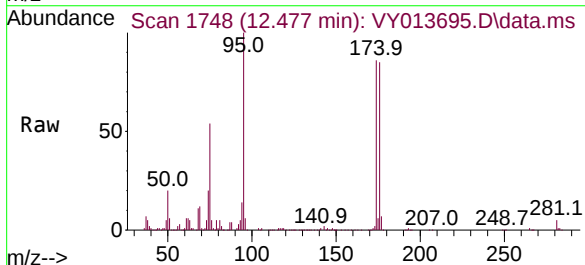
Instrument :
MSVOA_Y
ClientSampleId :
SB-X01_10-12_20230509

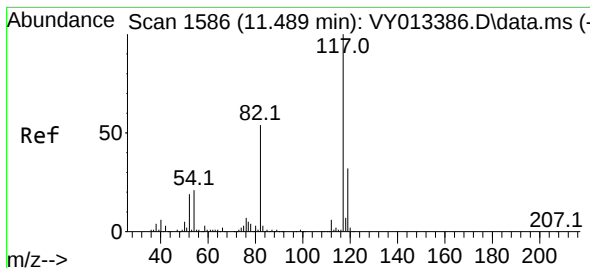
Tgt Ion: 98 Resp: 392789
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.600 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Tgt Ion: 95 Resp: 126011
Ion Ratio Lower Upper
95 100
174 92.0 0.0 182.0
176 90.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013695.D

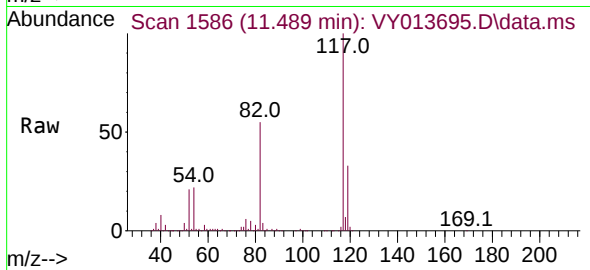
Acq: 10 May 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SB-X01 10-12 20230509



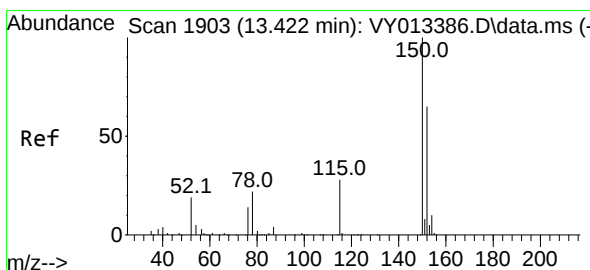
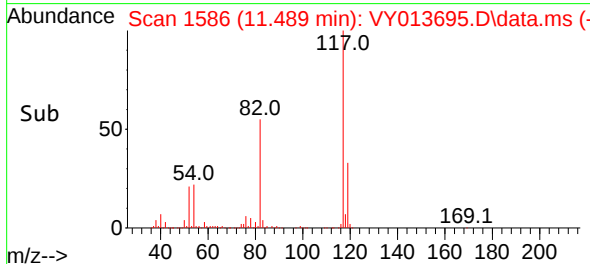
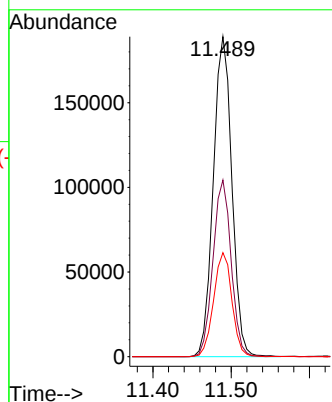
Tgt Ion:117 Resp: 311459

Ion Ratio Lower Upper

117 100

82 55.2 43.0 64.6

119 32.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013695.D

Acq: 10 May 2023 18:04

Tgt Ion:152 Resp: 143979

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

150 156.4 0.0 352.0

