

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013117.D
 Acq On : 28 Mar 2023 15:24
 Operator : KP/MD
 Sample : 02111-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-EAST

Quant Time: Mar 29 02:29:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	73919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	127809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51822	70.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.220%
35) Dibromofluoromethane	7.716	113	44271	57.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.800%
50) Toluene-d8	10.179	98	160497	56.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.840%
62) 4-Bromofluorobenzene	12.483	95	48820	51.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.580%

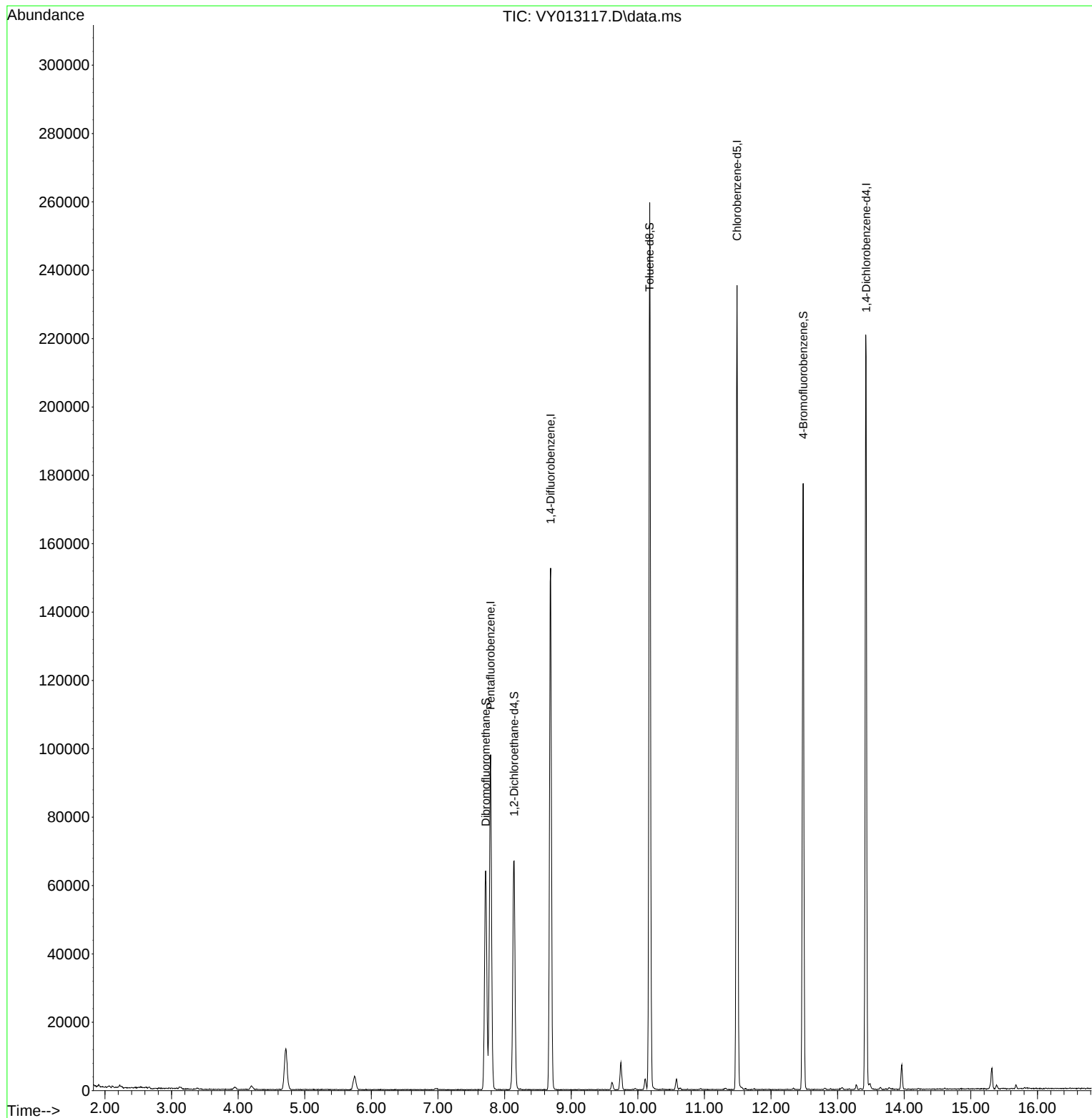
Target Compounds	Qvalue

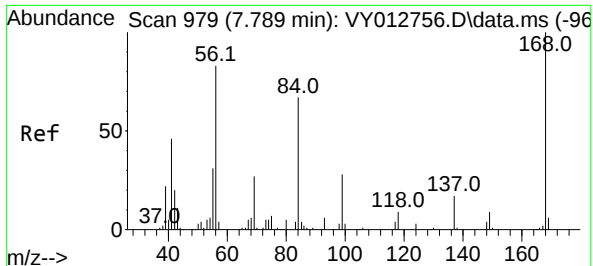
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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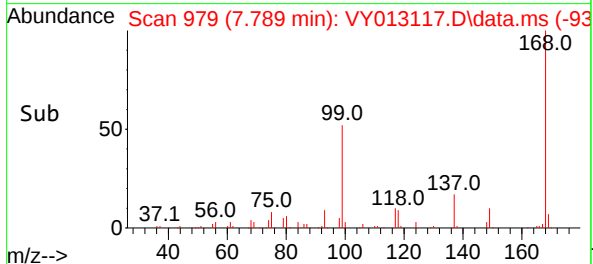
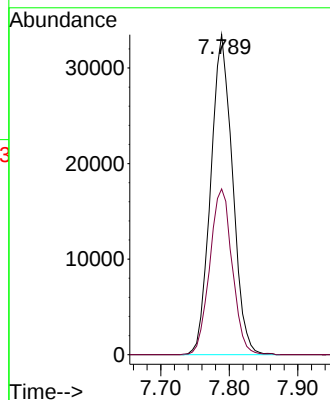
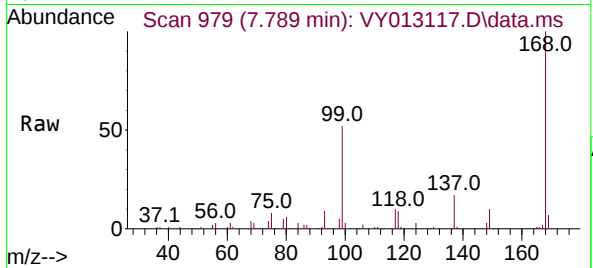




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

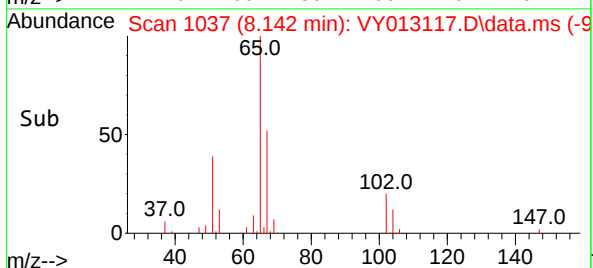
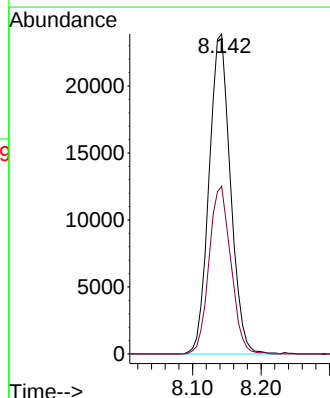
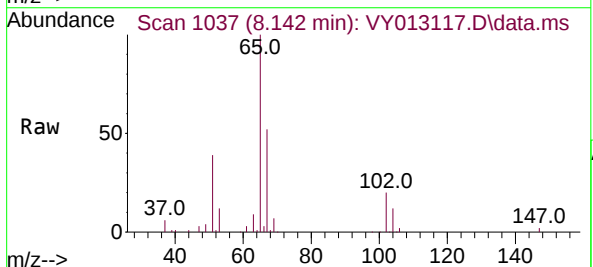
Instrument :
MSVOA_Y
ClientSampleId :
APCS-EAST

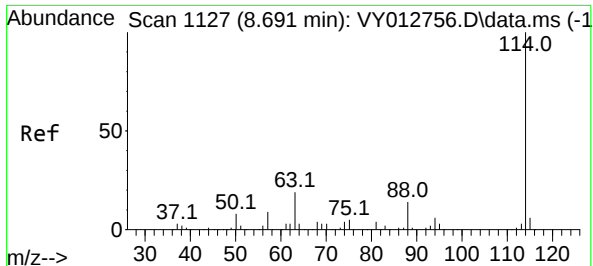
Tgt Ion:168 Resp: 73919
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 70.610 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

Tgt Ion: 65 Resp: 51822
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.0

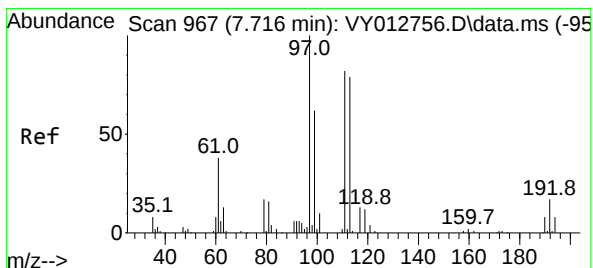
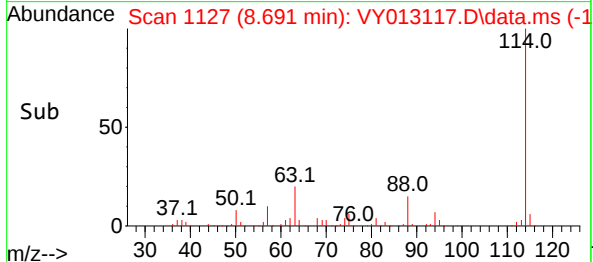
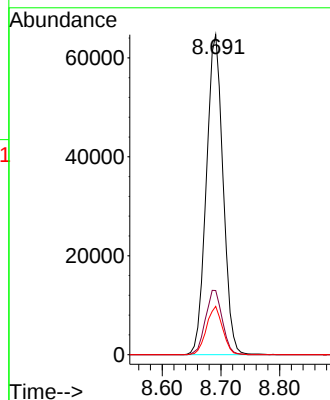
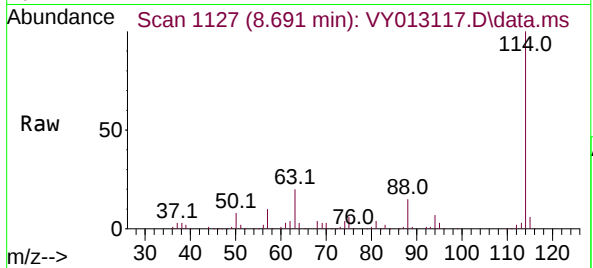




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

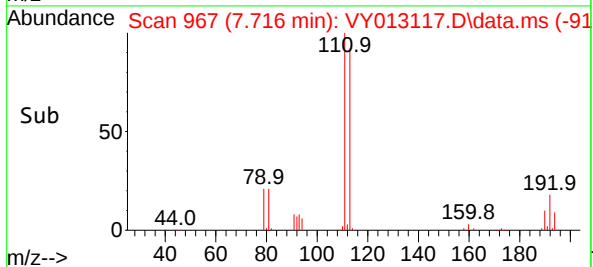
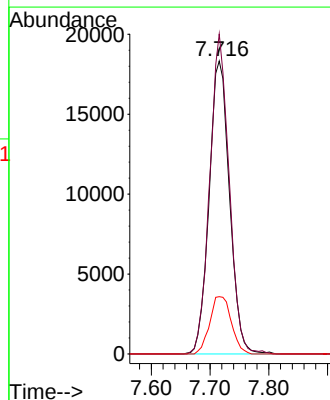
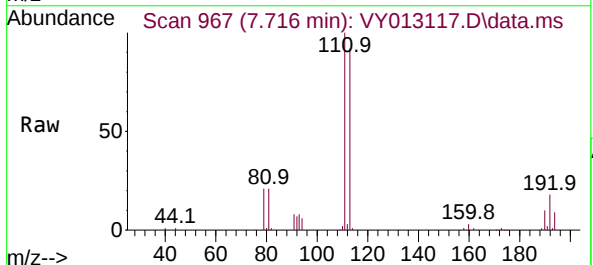
Instrument :
MSVOA_Y
ClientSampleId :
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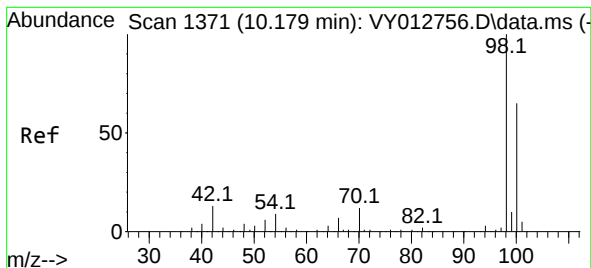
Tgt Ion:114 Resp: 127809
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 15.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.396 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

Tgt Ion:113 Resp: 44271
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.7 16.8 25.2





#50

Toluene-d8

Concen: 56.918 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013117.D

Acq: 28 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

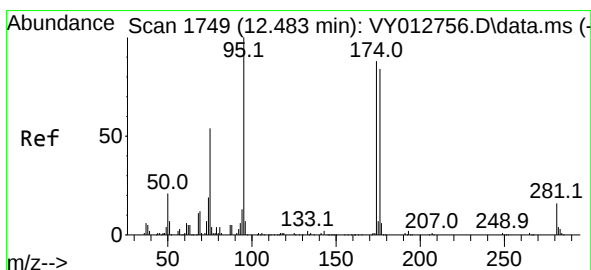
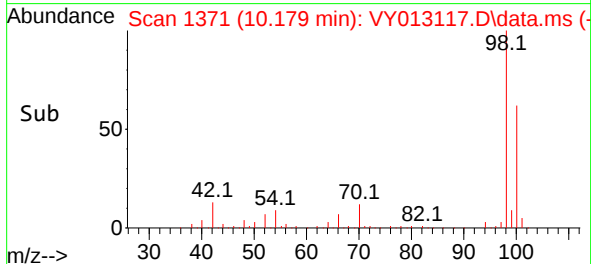
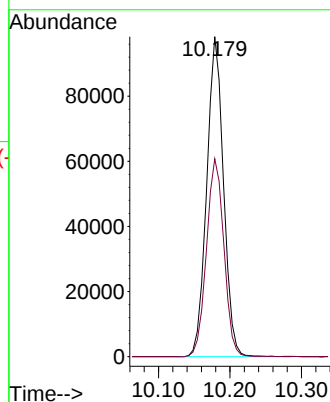
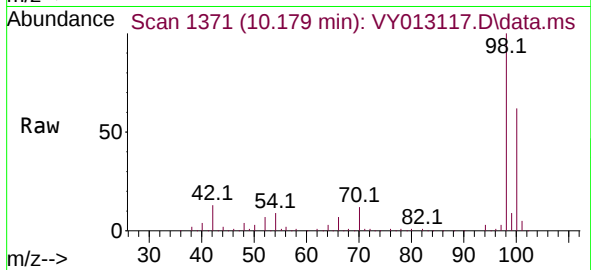
APCS-EAST

Tgt Ion: 98 Resp: 160497

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 51.295 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013117.D

Acq: 28 Mar 2023 15:24

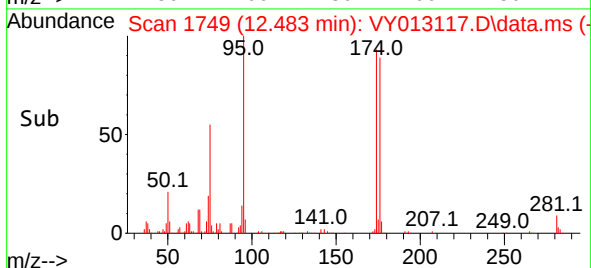
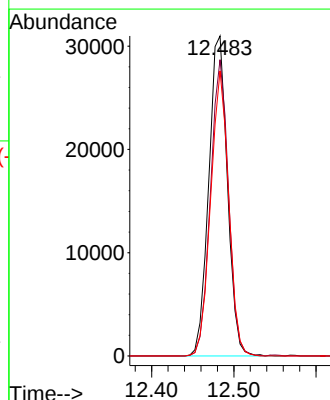
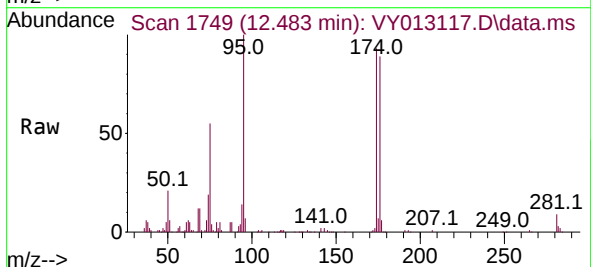
Tgt Ion: 95 Resp: 48820

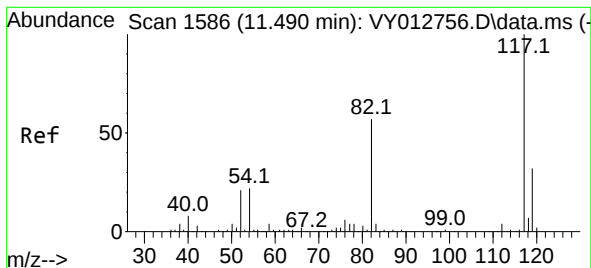
Ion Ratio Lower Upper

95 100

174 89.6 0.0 176.6

176 86.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013117.D

Acq: 28 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

APCS-EAST

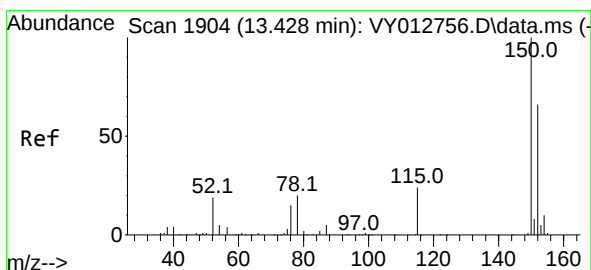
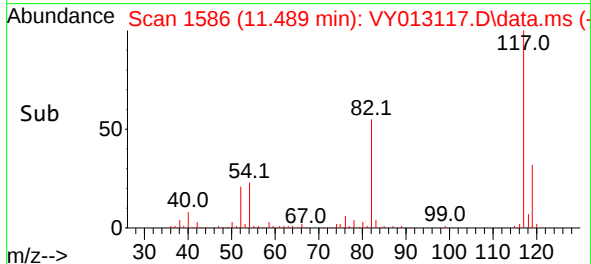
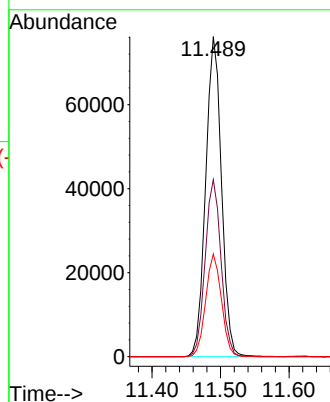
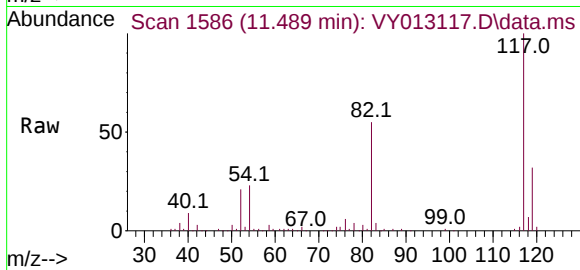
Tgt Ion:117 Resp: 122325

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013117.D

Acq: 28 Mar 2023 15:24

Tgt Ion:152 Resp: 56115

Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 156.2 0.0 347.8

