

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014029.D
 Acq On : 06 Jun 2023 14:39
 Operator : KP/MD
 Sample : 03039-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB30B

Quant Time: Jun 07 01:38:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	278775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115137	57.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.800%
35) Dibromofluoromethane	7.716	113	94100	55.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.179	98	334343	51.336	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.483	95	114230	51.447	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.900%

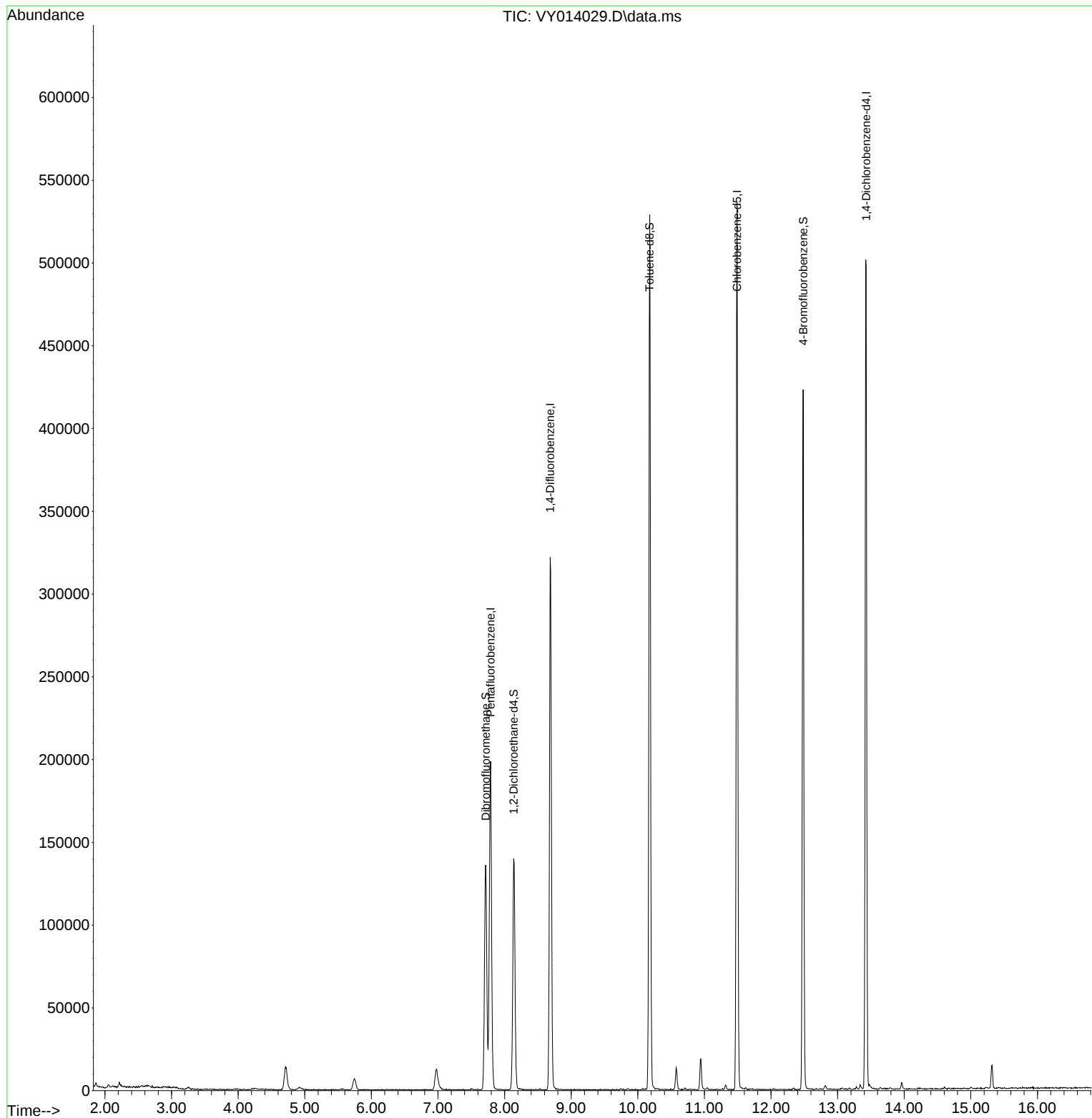
Target Compounds	Qvalue

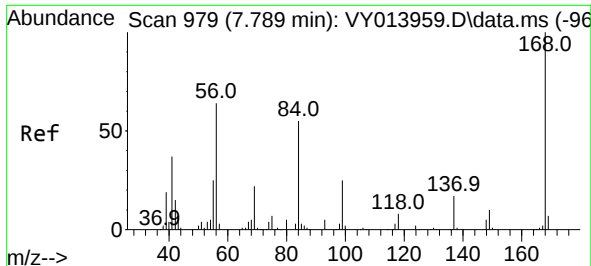
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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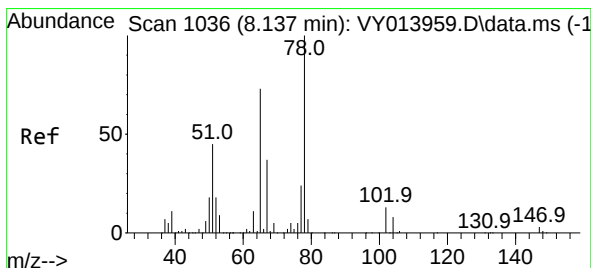
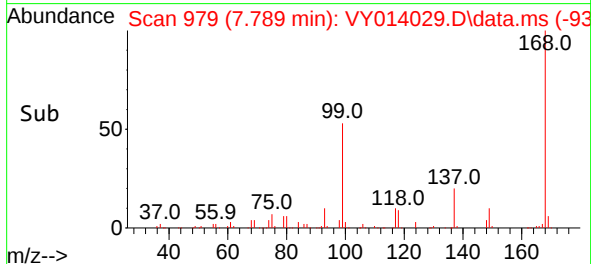
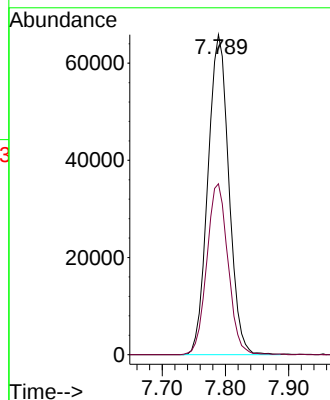
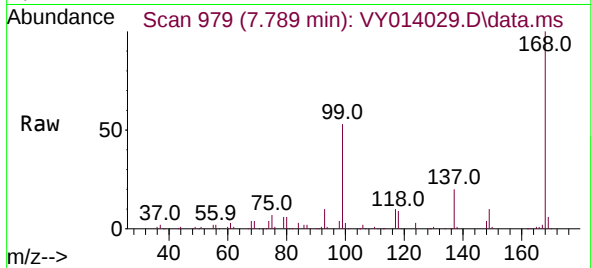




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

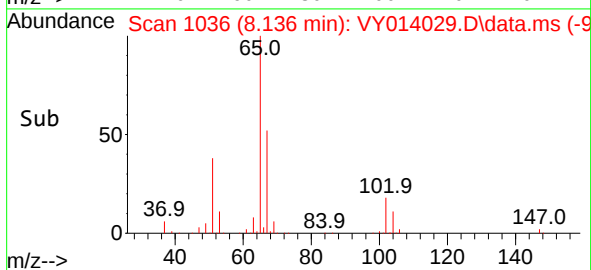
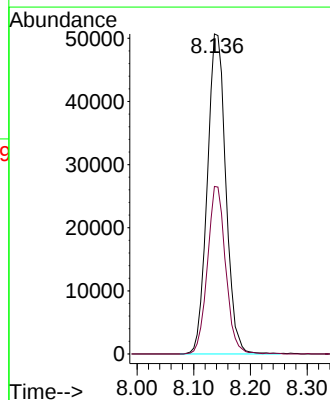
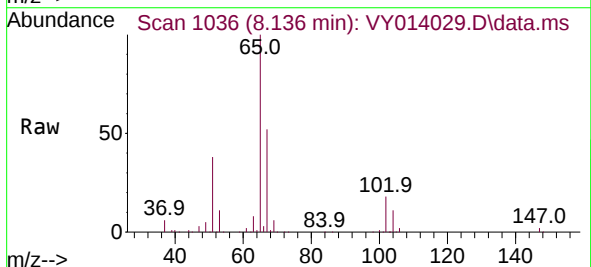
Instrument :
MSVOA_Y
ClientSampleId :
SB30B

Tgt Ion:168 Resp: 151520
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.403 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

Tgt Ion: 65 Resp: 115137
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8

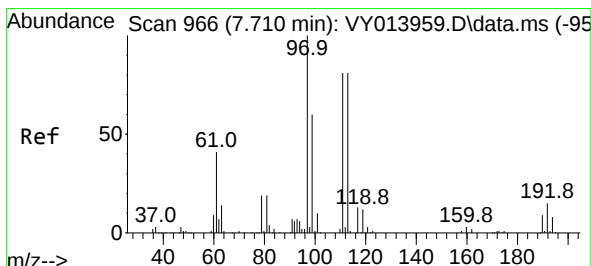
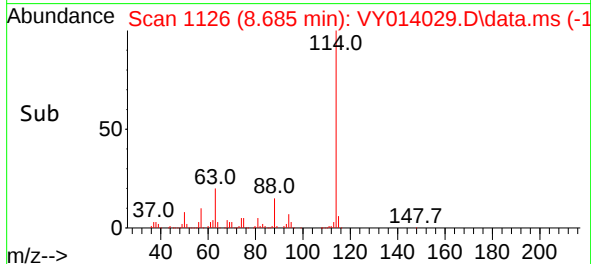
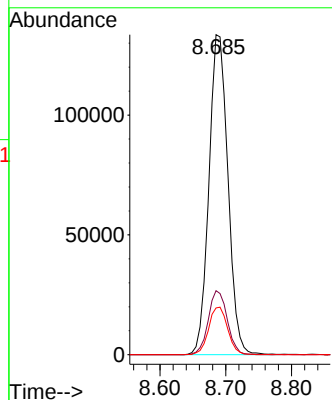
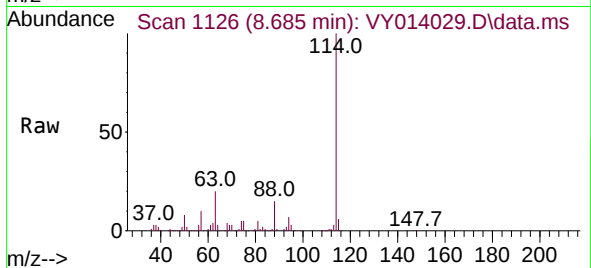




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

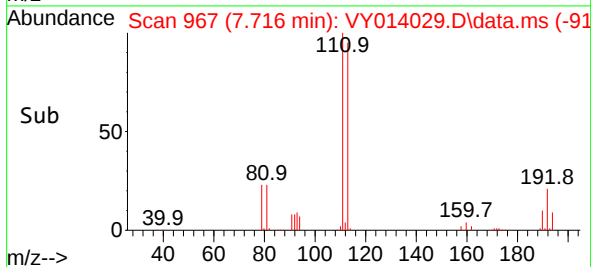
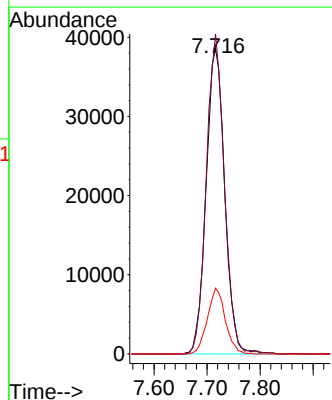
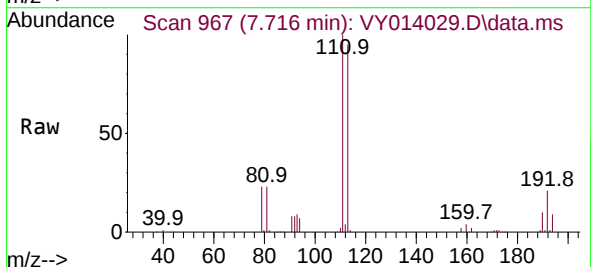
Instrument :
MSVOA_Y
ClientSampleId :
SB30B

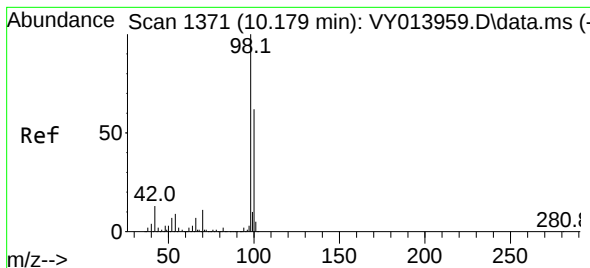
Tgt Ion:114 Resp: 268670
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.112 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

Tgt Ion:113 Resp: 94100
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 20.8 16.9 25.3

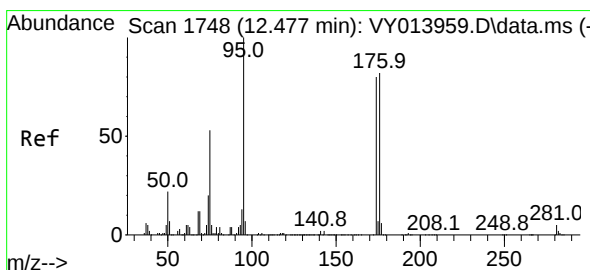
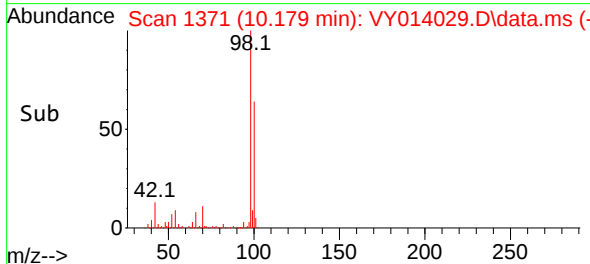
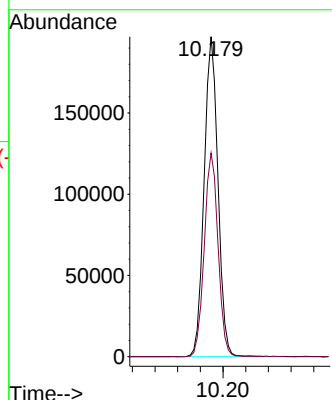
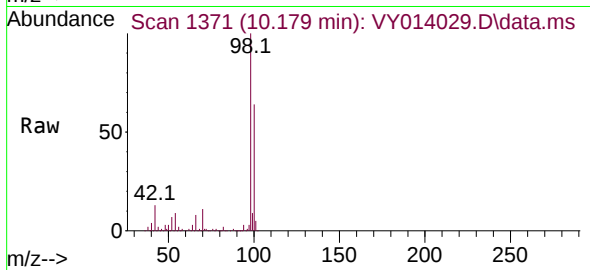




#50
Toluene-d8
Concen: 51.336 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

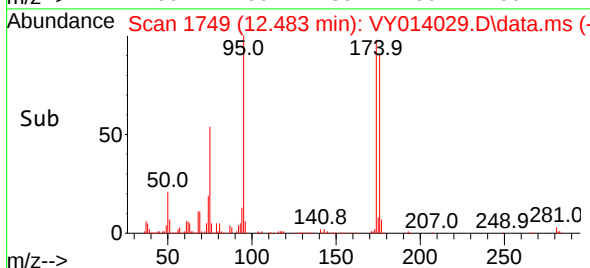
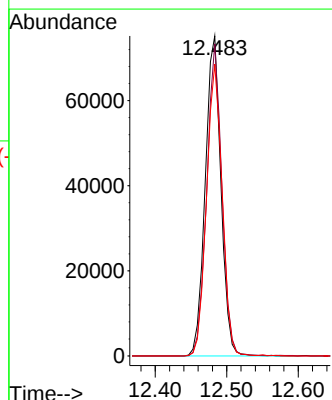
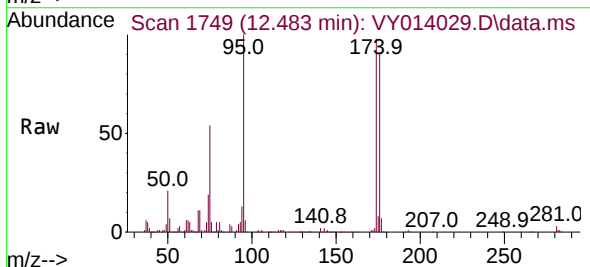
Instrument :
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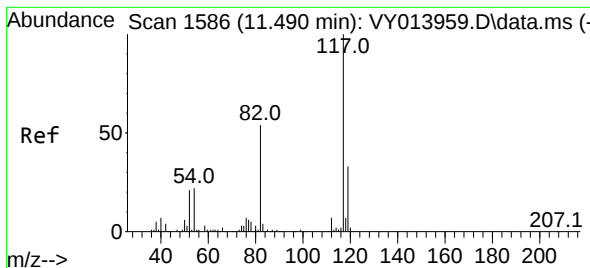
Tgt Ion: 98 Resp: 334343
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

Tgt Ion: 95 Resp: 114230
Ion Ratio Lower Upper
95 100
174 94.7 0.0 178.2
176 91.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014029.D

Acq: 06 Jun 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

SB30B

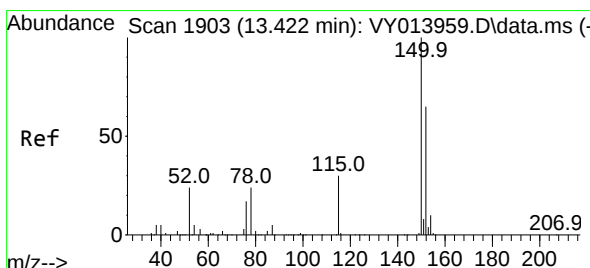
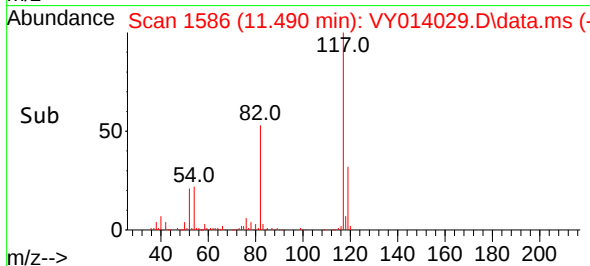
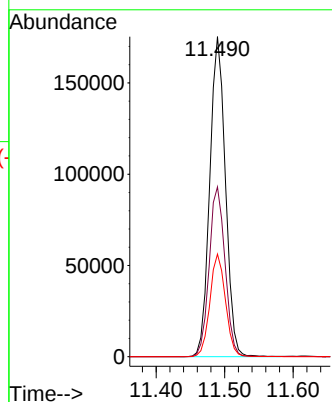
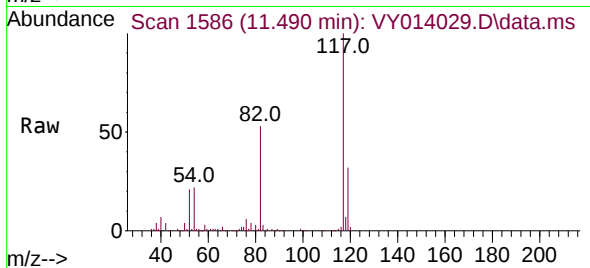
Tgt Ion:117 Resp: 278775

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014029.D

Acq: 06 Jun 2023 14:39

Tgt Ion:152 Resp: 132108

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 155.5 0.0 348.8

