

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013995.D
 Acq On : 02 Jun 2023 17:18
 Operator : KP/MD
 Sample : 03016-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP04

Quant Time: Jun 05 09:45:18 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	4720	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	7574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3860	61.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.560%	
35) Dibromofluoromethane	7.703	113	2813	58.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.880%	
50) Toluene-d8	10.179	98	8882	48.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.760%	
62) 4-Bromofluorobenzene	12.471	95	2596	41.474	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.940%	

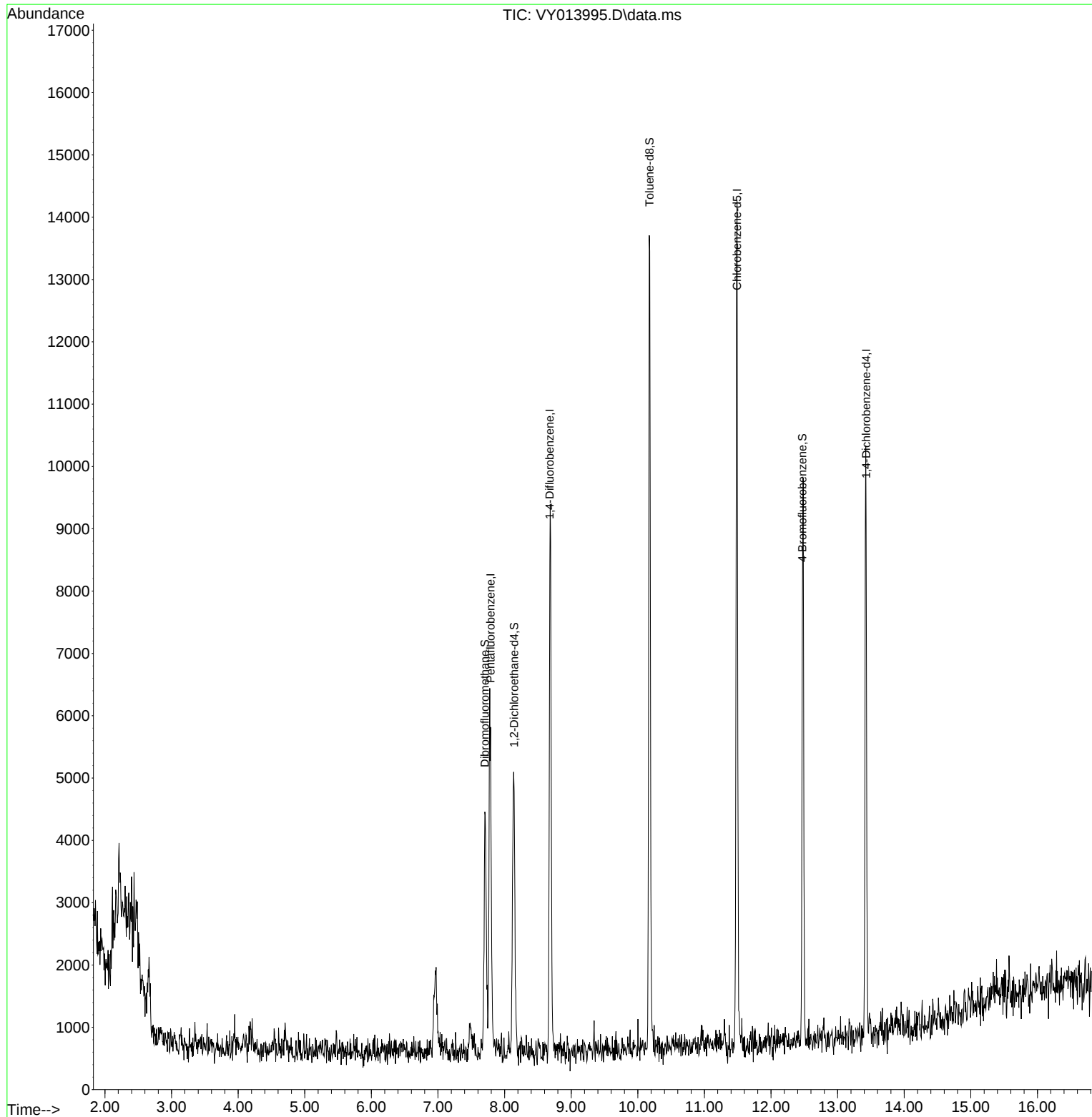
Target Compounds	Qvalue

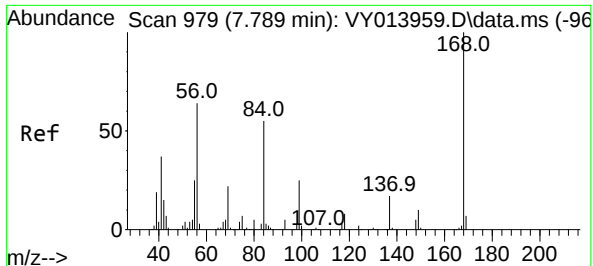
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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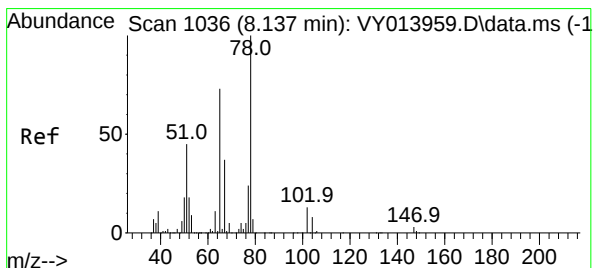
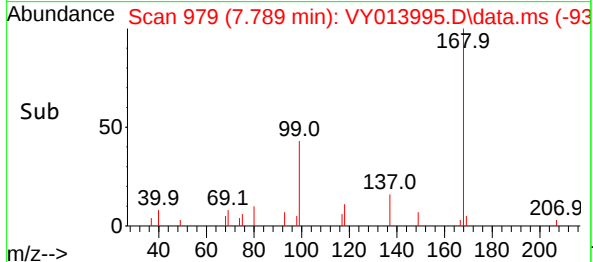
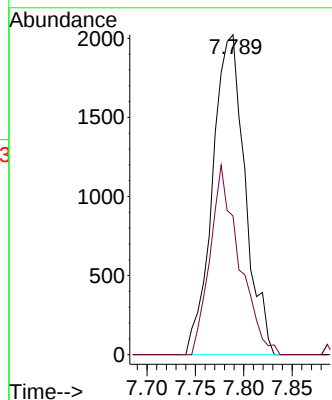
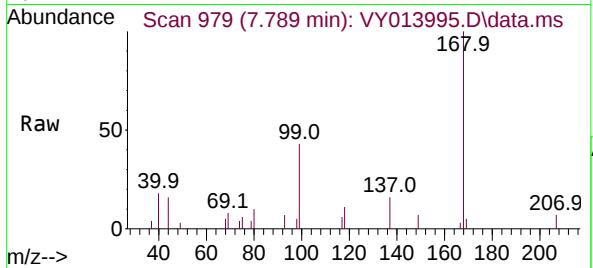




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013995.D
Acq: 02 Jun 2023 17:18

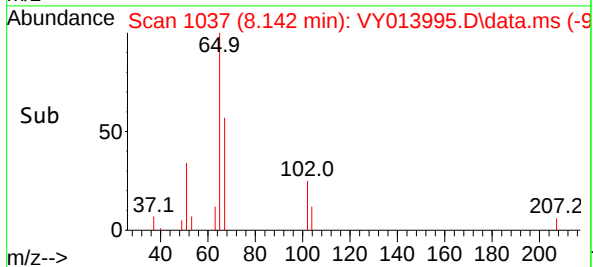
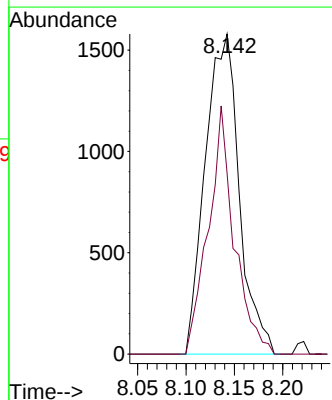
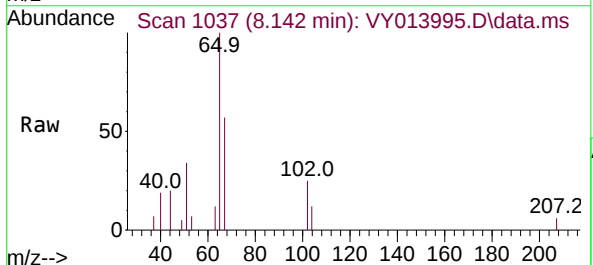
Instrument :
MSVOA_Y
ClientSampleId :
DUP04

Tgt Ion:168 Resp: 4720
Ion Ratio Lower Upper
168 100
99 43.4 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 61.778 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013995.D
Acq: 02 Jun 2023 17:18

Tgt Ion: 65 Resp: 3860
Ion Ratio Lower Upper
65 100
67 59.1 0.0 101.8

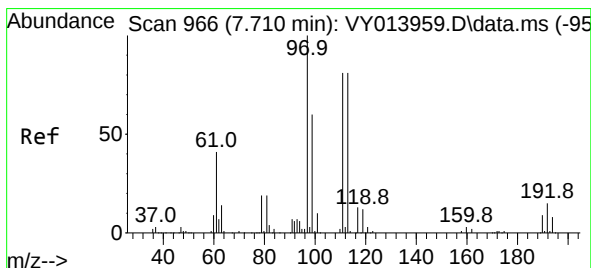
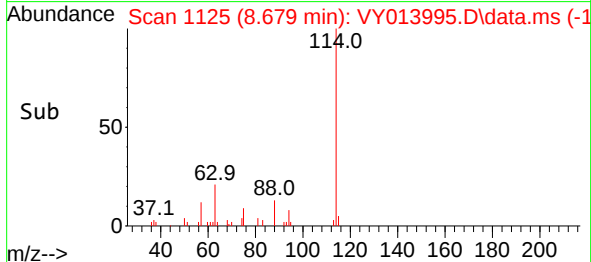
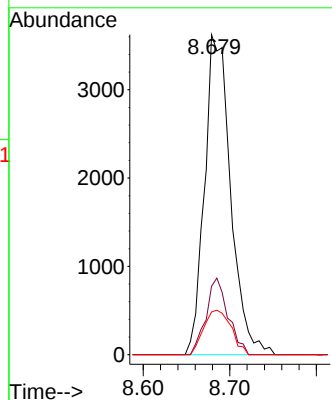
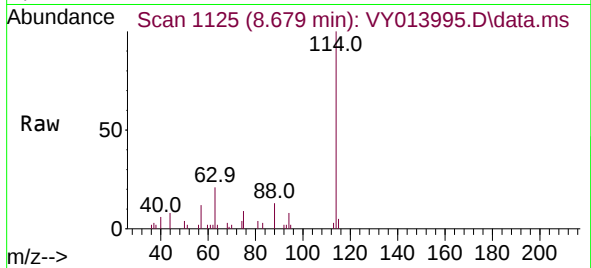




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY013995.D
Acq: 02 Jun 2023 17:18

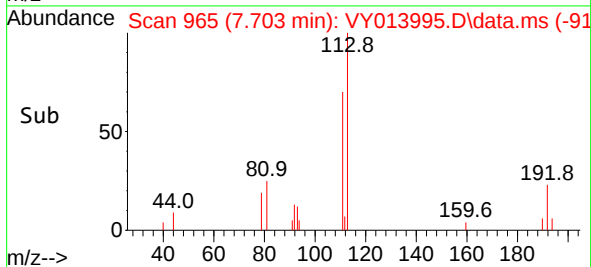
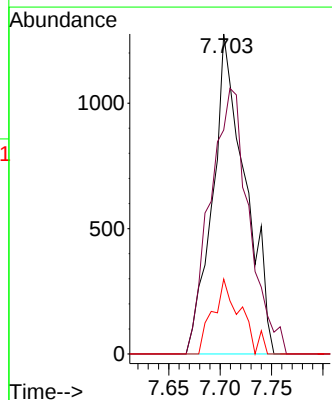
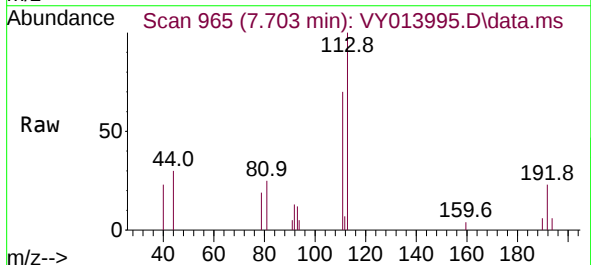
Instrument :
MSVOA_Y
ClientSampleId :
DUP04

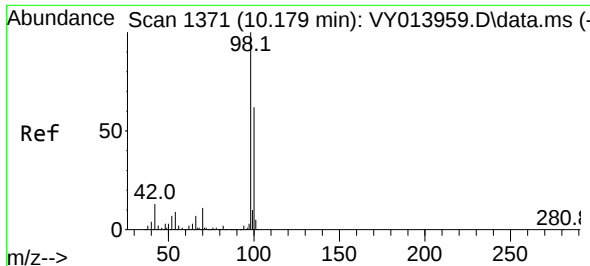
Tgt Ion:114	Resp:	7574
Ion	Ratio	Lower Upper
114	100	
63	21.4	0.0 42.4
88	13.4	0.0 30.6



#35
Dibromofluoromethane
Concen: 58.441 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013995.D
Acq: 02 Jun 2023 17:18

Tgt Ion:113	Resp:	2813
Ion	Ratio	Lower Upper
113	100	
111	98.6	81.3 121.9
192	20.0	16.9 25.3

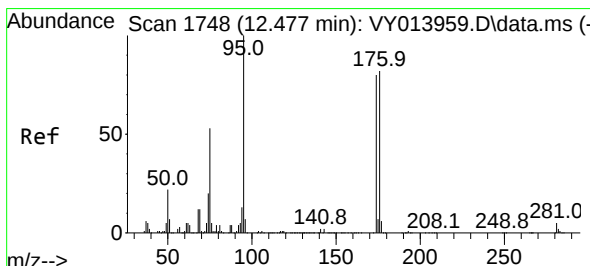
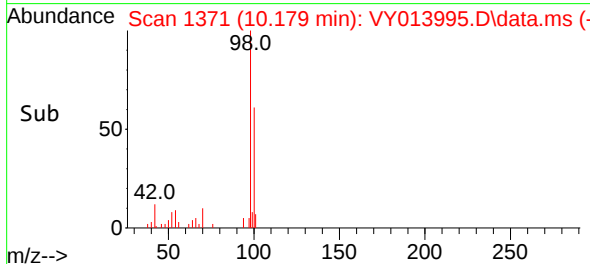
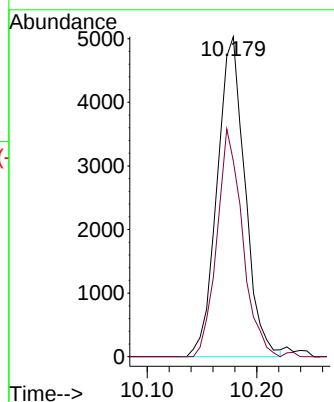
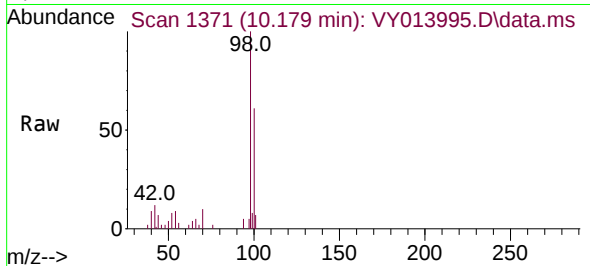




#50
Toluene-d8
Concen: 48.376 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013995.D
Acq: 02 Jun 2023 17:18

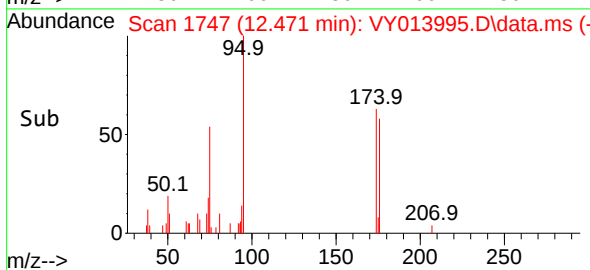
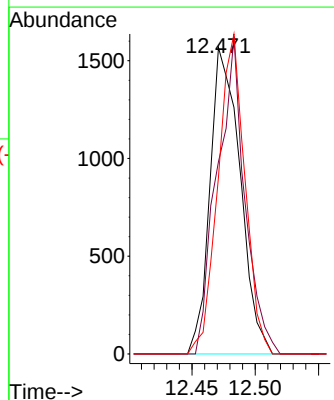
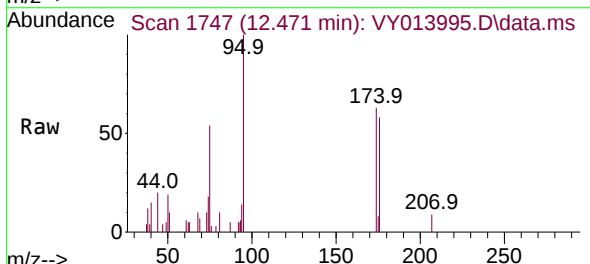
Instrument :
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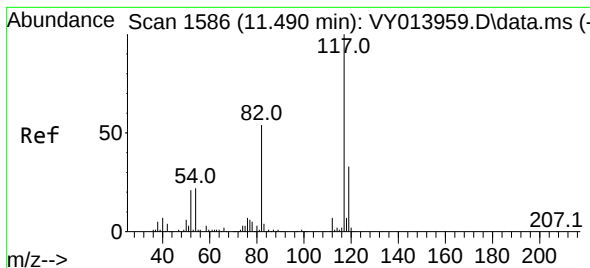
Tgt Ion: 98 Resp: 8882
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.474 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY013995.D
Acq: 02 Jun 2023 17:18

Tgt Ion: 95 Resp: 2596
Ion Ratio Lower Upper
95 100
174 95.0 0.0 178.2
176 93.6 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: VY013995.D

Acq: 02 Jun 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

DUP04

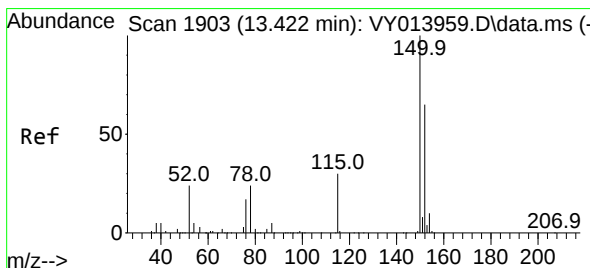
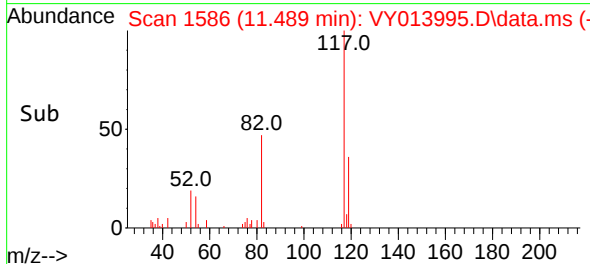
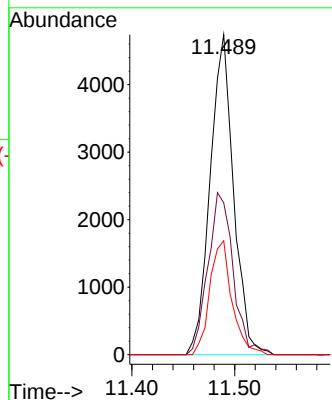
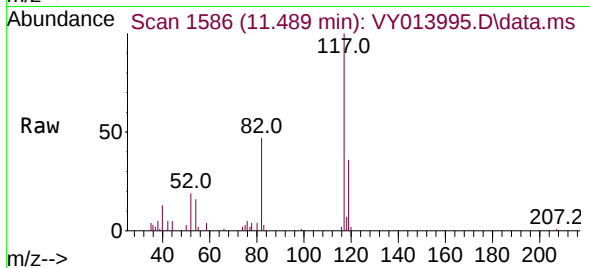
Tgt Ion:117 Resp: 7501

Ion Ratio Lower Upper

117 100

82 47.4 43.4 65.0

119 35.6 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: VY013995.D

Acq: 02 Jun 2023 17:18

Tgt Ion:152 Resp: 2446

Ion Ratio Lower Upper

152 100

115 64.1 28.8 86.5

150 165.0 0.0 348.8

