

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014004.D
 Acq On : 05 Jun 2023 13:59
 Operator : KP/MD
 Sample : 03002-02RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05BRE

Quant Time: Jun 05 15:33:45 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	73648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	100828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	76287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28120	28.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.680%
35) Dibromofluoromethane	7.716	113	29524	46.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.160%
50) Toluene-d8	10.179	98	117534	48.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.483	95	27515	33.021	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.040%

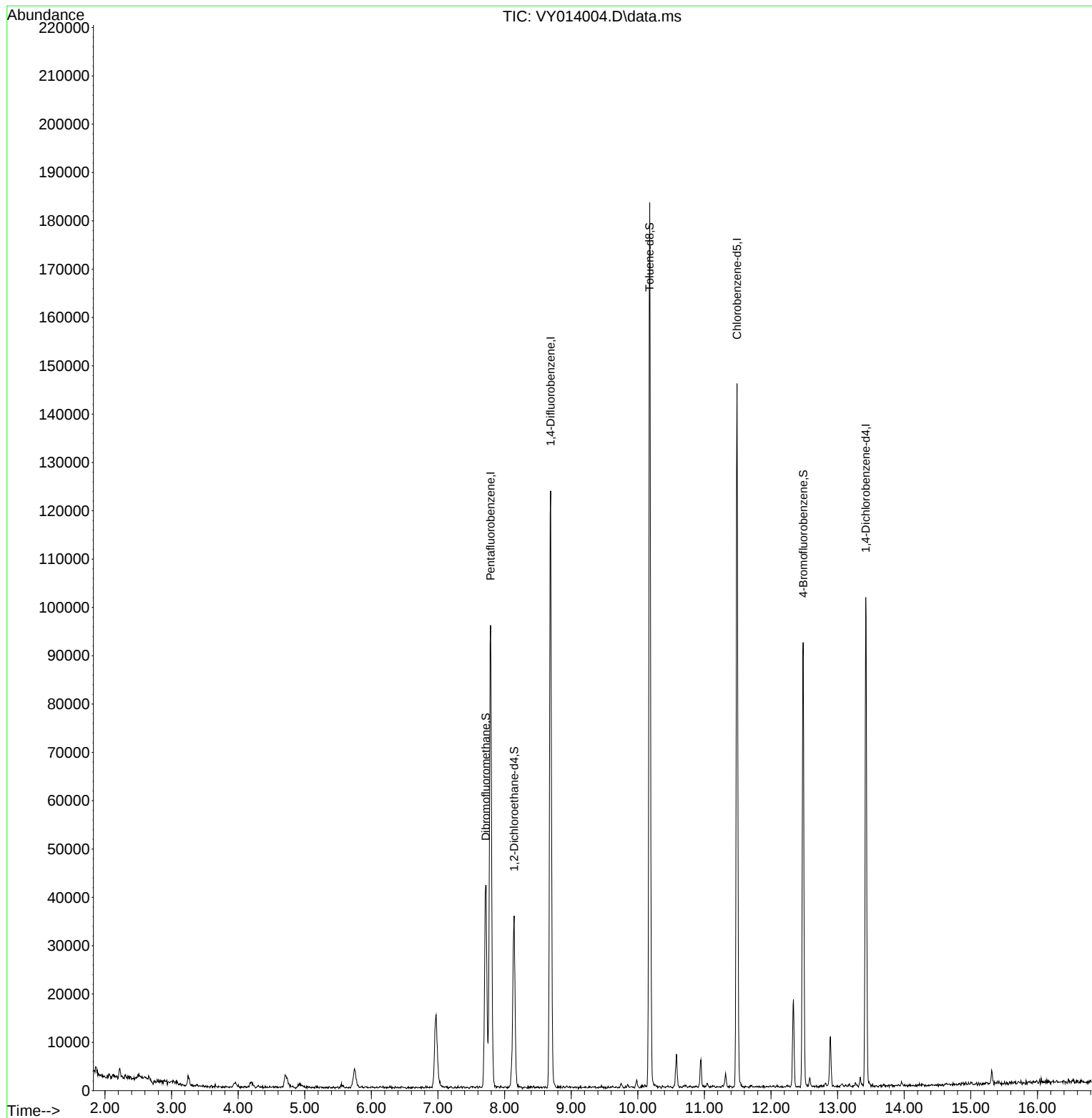
Target Compounds	Qvalue

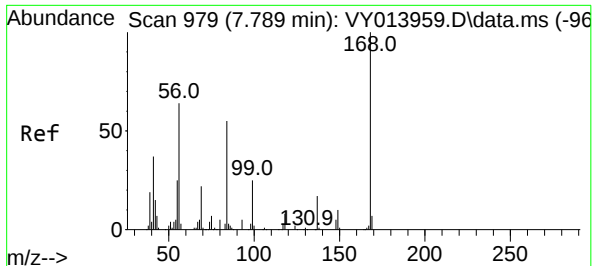
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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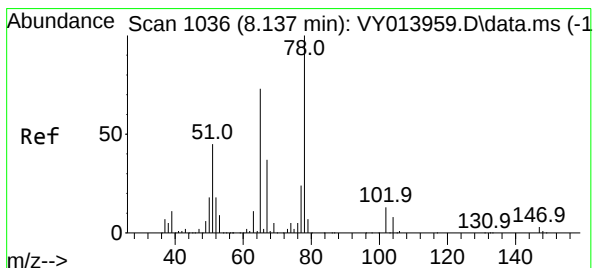
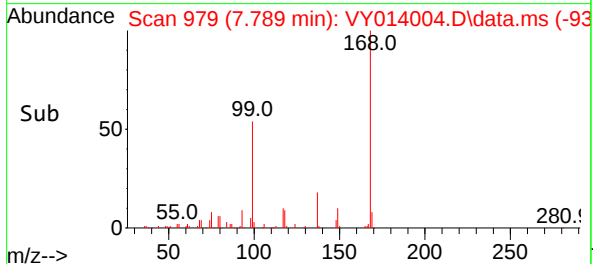
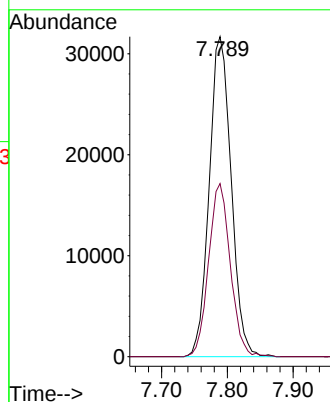
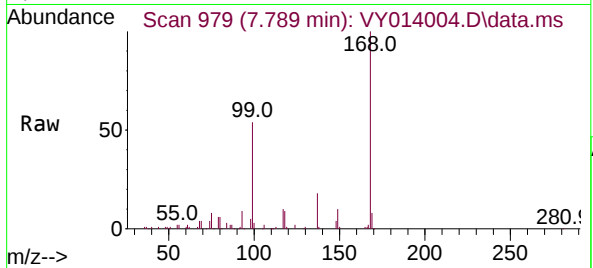




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014004.D
Acq: 05 Jun 2023 13:59

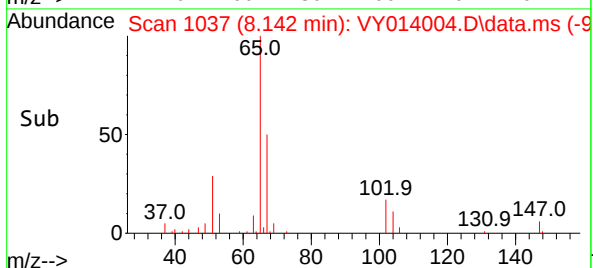
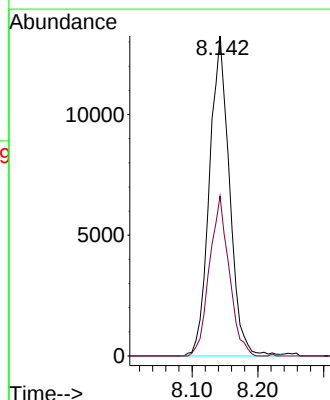
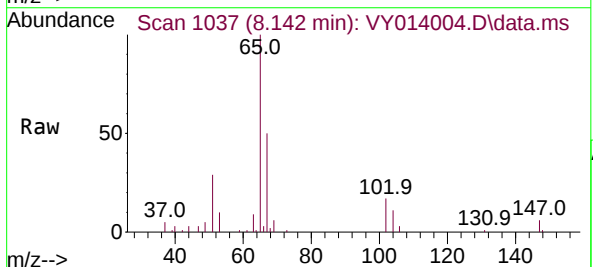
Instrument :
MSVOA_Y
ClientSampleId :
SB05BRE

Tgt Ion:168 Resp: 73648
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 28.843 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014004.D
Acq: 05 Jun 2023 13:59

Tgt Ion: 65 Resp: 28120
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.8

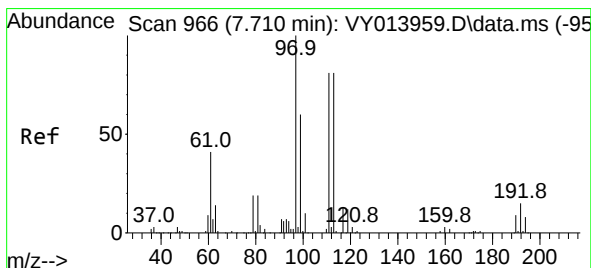
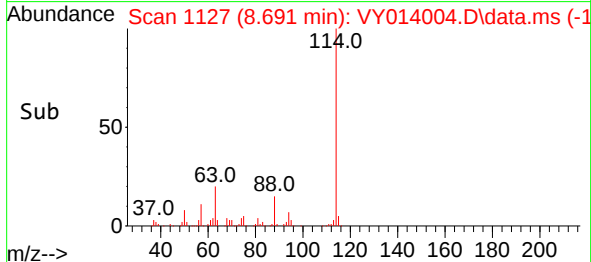
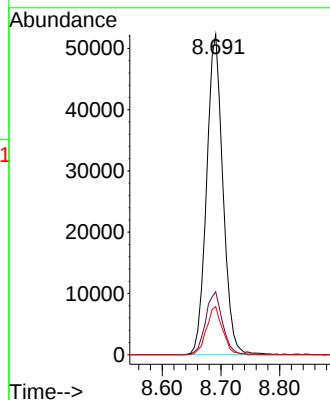
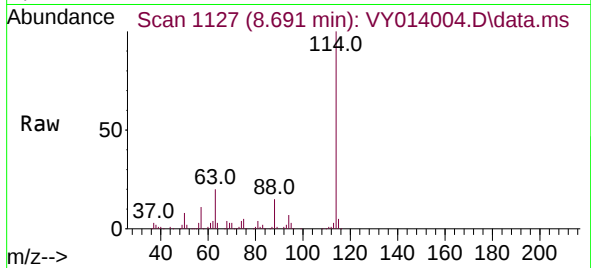




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014004.D
 Acq: 05 Jun 2023 13:59

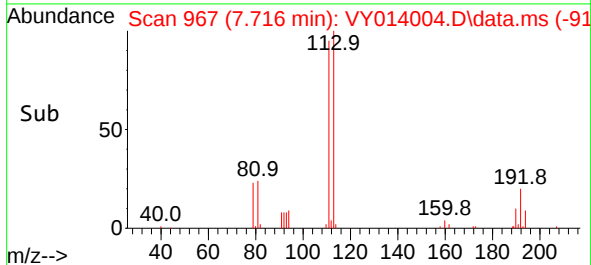
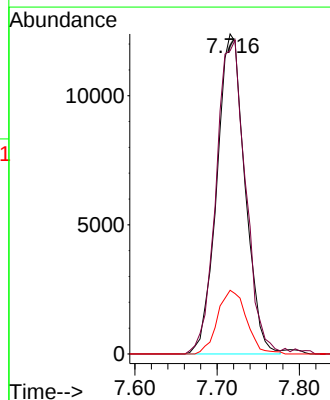
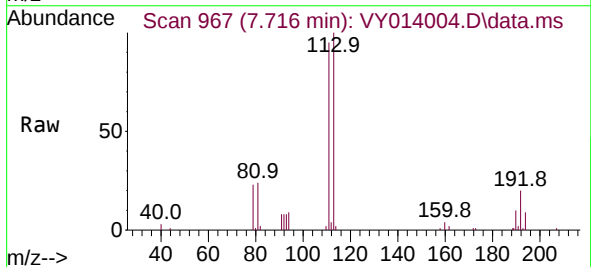
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05BRE

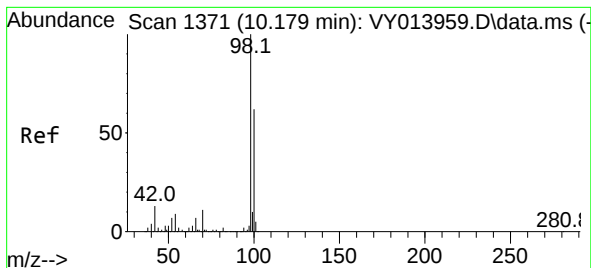
Tgt Ion:114 Resp: 100828
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.0 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 46.076 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VY014004.D
 Acq: 05 Jun 2023 13:59

Tgt Ion:113 Resp: 29524
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 20.4 16.9 25.3

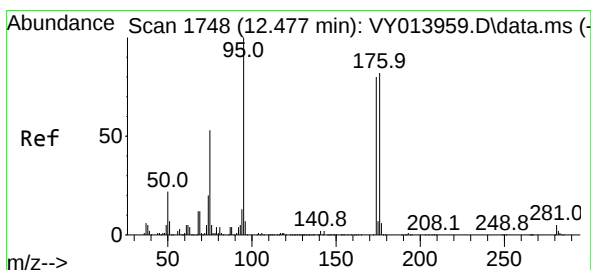
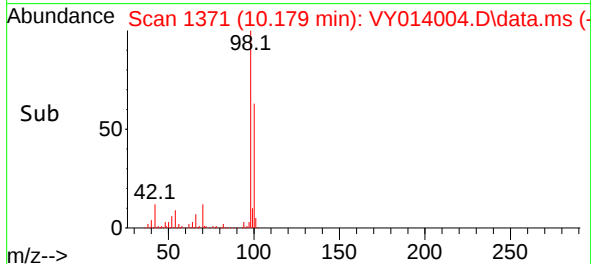
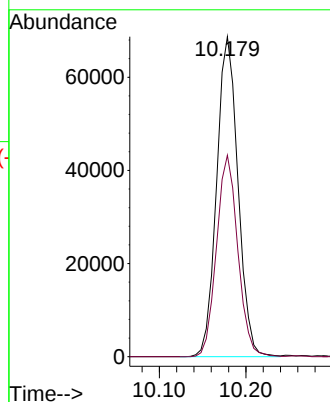
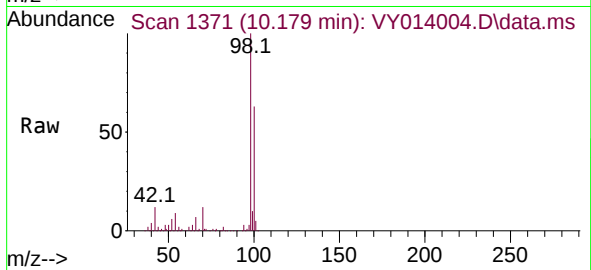




#50
Toluene-d8
Concen: 48.087 ug/l
RT: 10.179 min Scan# 117534
Delta R.T. -0.000 min
Lab File: VY014004.D
Acq: 05 Jun 2023 13:59

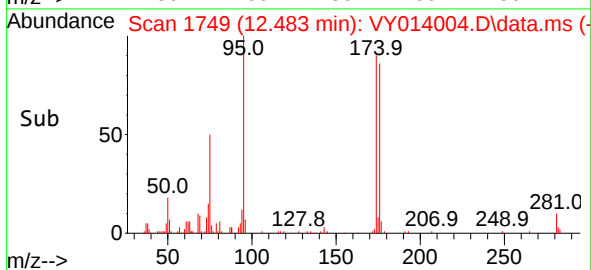
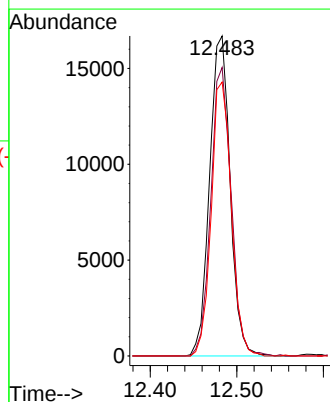
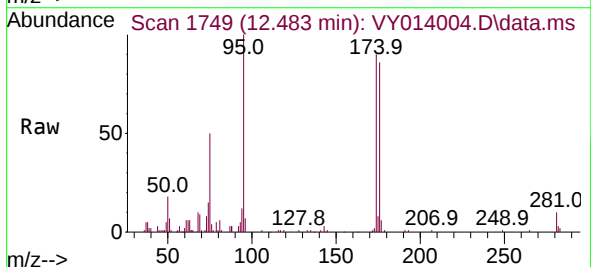
Instrument :
MSVOA_Y
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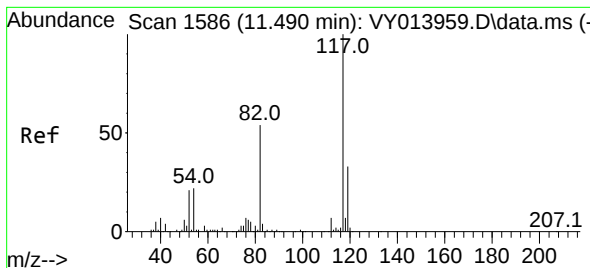
Tgt Ion: 98 Resp: 117534
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 33.021 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014004.D
Acq: 05 Jun 2023 13:59

Tgt Ion: 95 Resp: 27515
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.2
176 83.7 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: VY014004.D

Acq: 05 Jun 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

SB05BRE

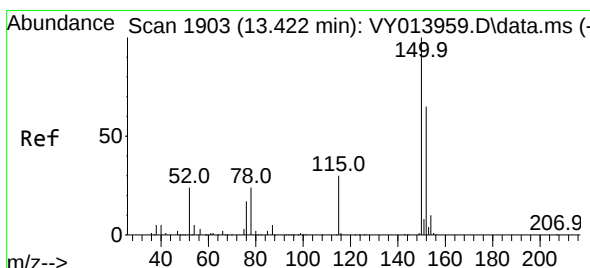
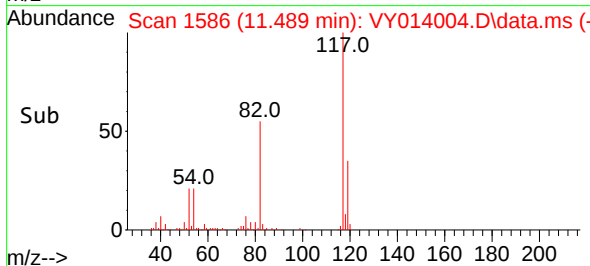
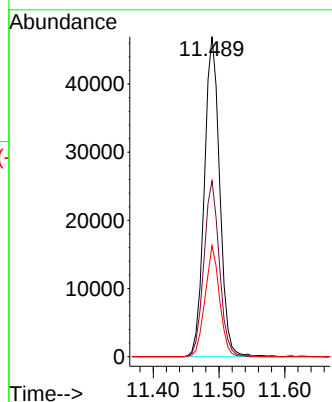
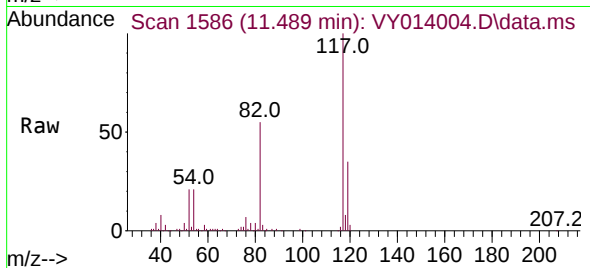
Tgt Ion:117 Resp: 76287

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 34.7 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: VY014004.D

Acq: 05 Jun 2023 13:59

Tgt Ion:152 Resp: 27114

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 155.9 0.0 348.8

