

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015821.D
 Acq On : 04 Oct 2023 11:33
 Operator : SY/MD
 Sample : VY1004SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1004SBL01

Quant Time: Oct 04 15:54:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	186134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98612	48.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.300%
35) Dibromofluoromethane	7.715	113	82551	43.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.000%
50) Toluene-d8	10.178	98	303251	47.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.483	95	103835	41.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.240%

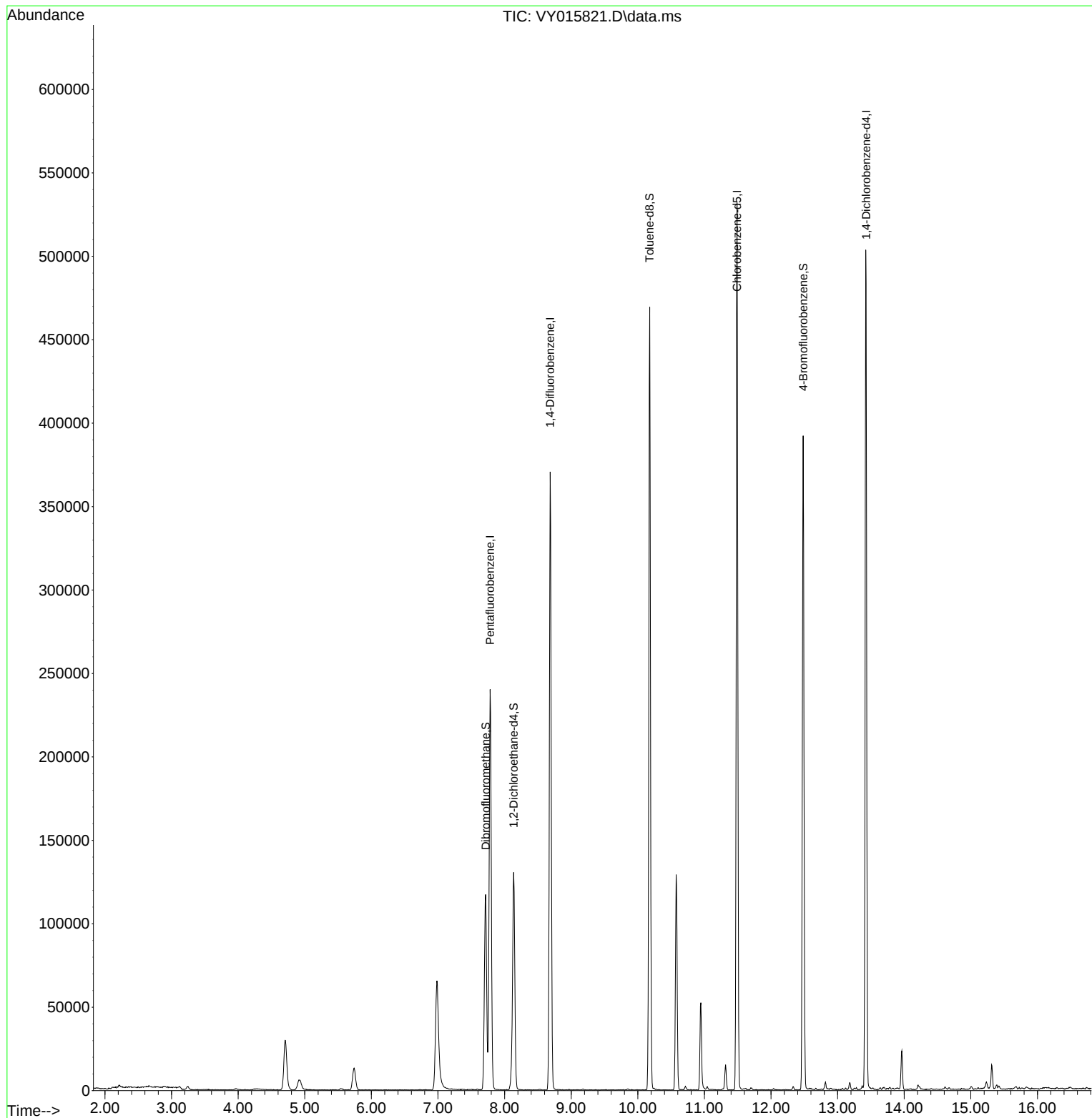
Target Compounds	Qvalue

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

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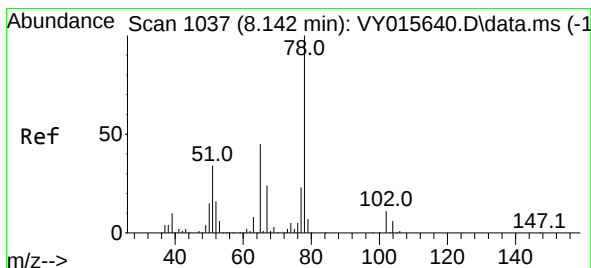
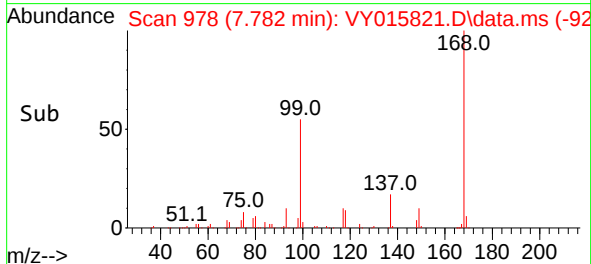
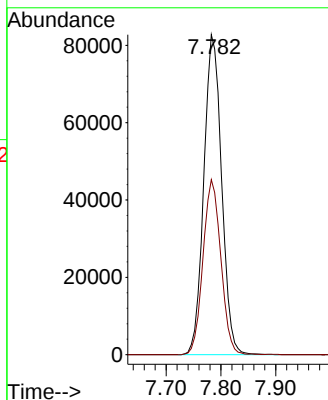
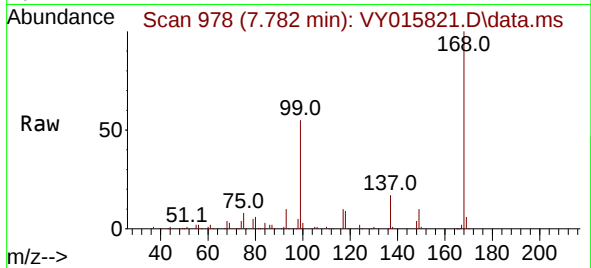




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015821.D
Acq: 04 Oct 2023 11:33

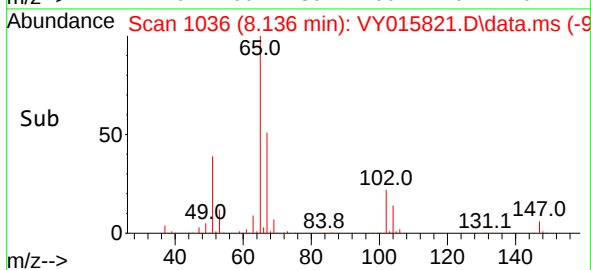
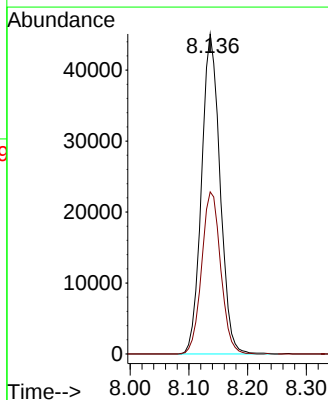
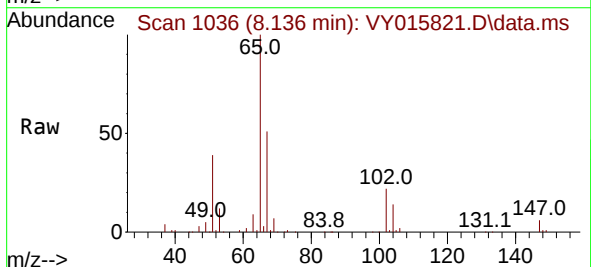
Instrument :
MSVOA_Y
ClientSampleId :
VY1004SBL01

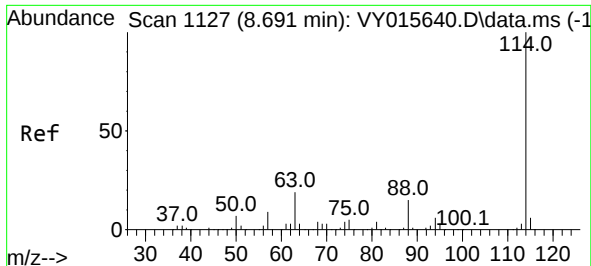
Tgt Ion:168 Resp: 186134
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.151 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015821.D
Acq: 04 Oct 2023 11:33

Tgt Ion: 65 Resp: 98612
Ion Ratio Lower Upper
65 100
67 52.1 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: VY015821.D

Acq: 04 Oct 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1004SBL01

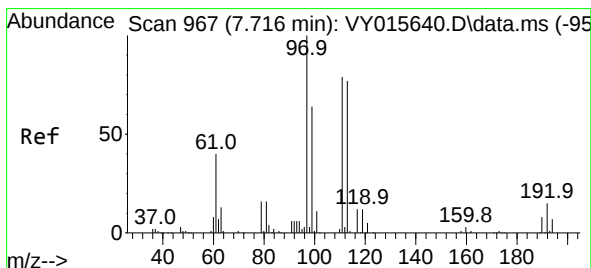
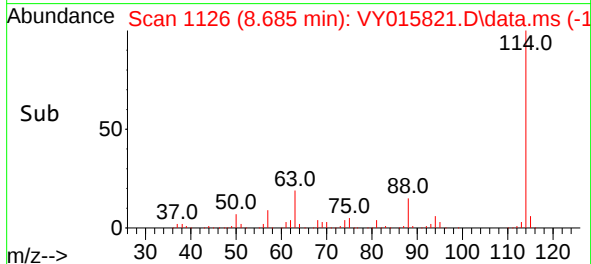
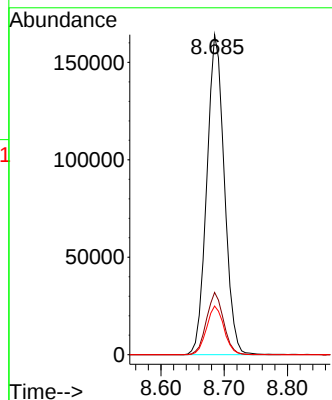
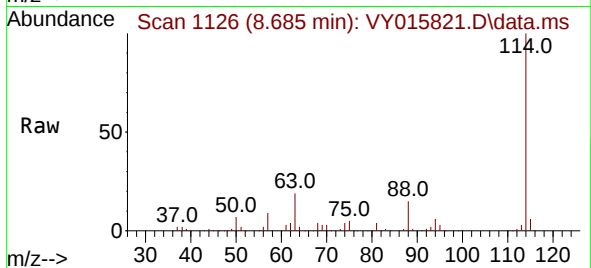
Tgt Ion:114 Resp: 317069

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.499 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY015821.D

Acq: 04 Oct 2023 11:33

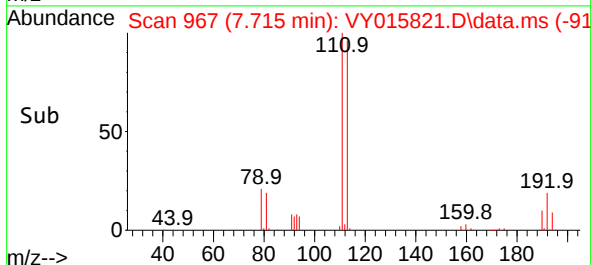
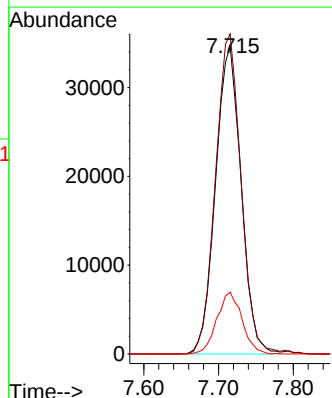
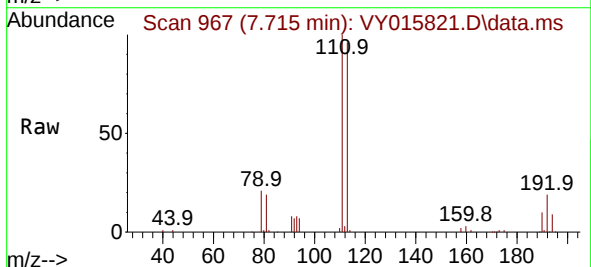
Tgt Ion:113 Resp: 82551

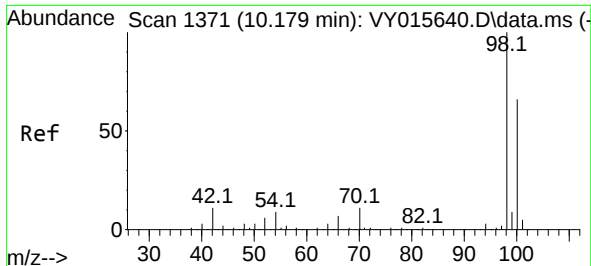
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 19.7 16.9 25.3

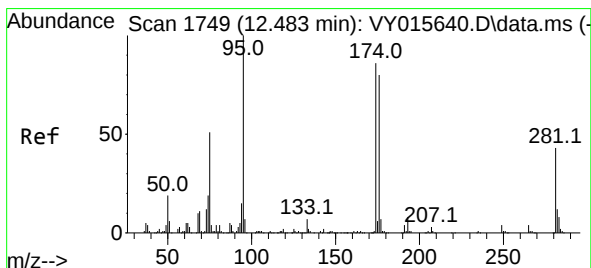
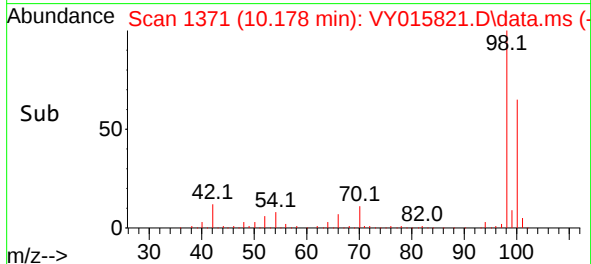
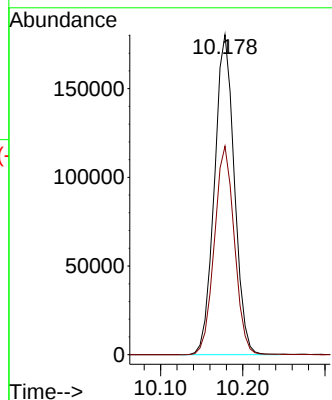
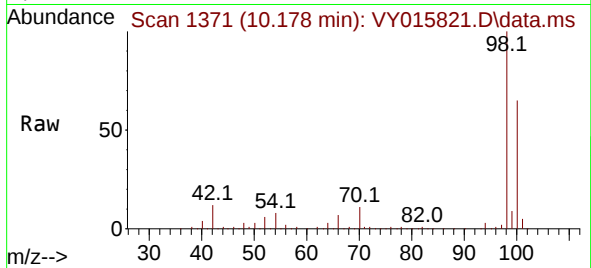




#50
Toluene-d8
Concen: 47.128 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY015821.D
Acq: 04 Oct 2023 11:33

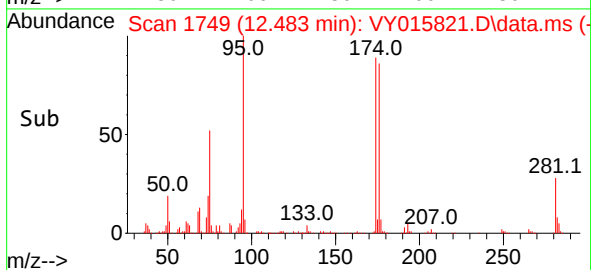
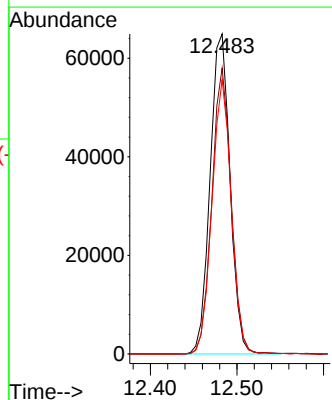
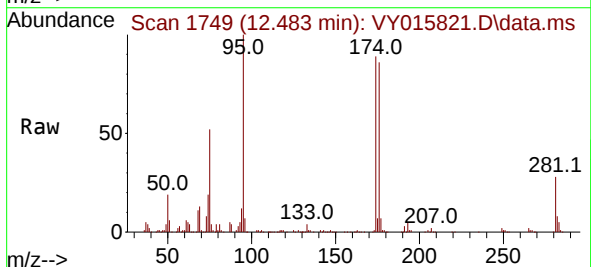
Instrument :
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VY1004SBL01

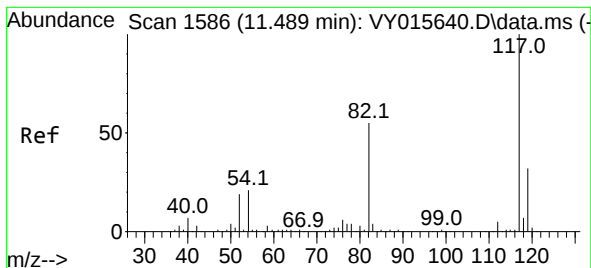
Tgt Ion: 98 Resp: 303251
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.120 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015821.D
Acq: 04 Oct 2023 11:33

Tgt Ion: 95 Resp: 103835
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 82.9 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: VY015821.D

Acq: 04 Oct 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1004SBL01

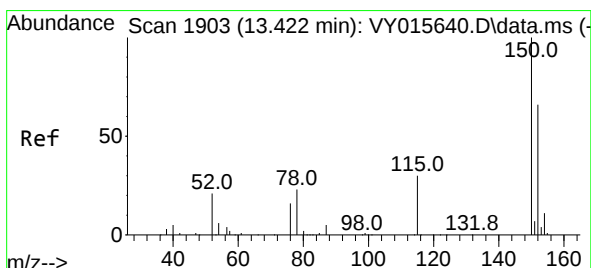
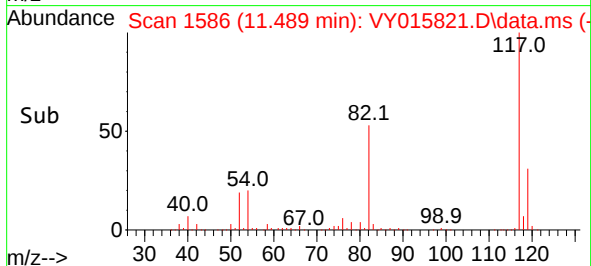
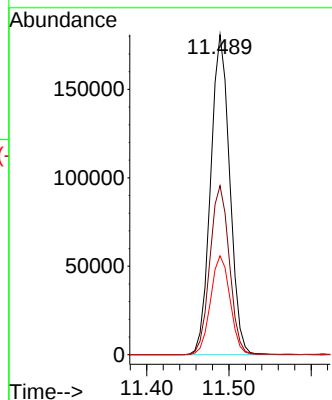
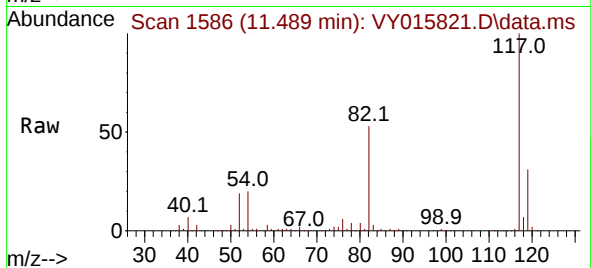
Tgt Ion:117 Resp: 291777

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 30.9 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: VY015821.D

Acq: 04 Oct 2023 11:33

Tgt Ion:152 Resp: 131685

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 157.8 0.0 348.8

