

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015775.D
 Acq On : 02 Oct 2023 13:40
 Operator : SY/MD
 Sample : VY1002SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1002SBL01

Quant Time: Oct 03 01:20:59 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	7.789	168	189092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90681	43.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.180%
35) Dibromofluoromethane	7.716	113	85059	44.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.600%
50) Toluene-d8	10.179	98	317145	48.716	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.483	95	101166	39.599	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.200%

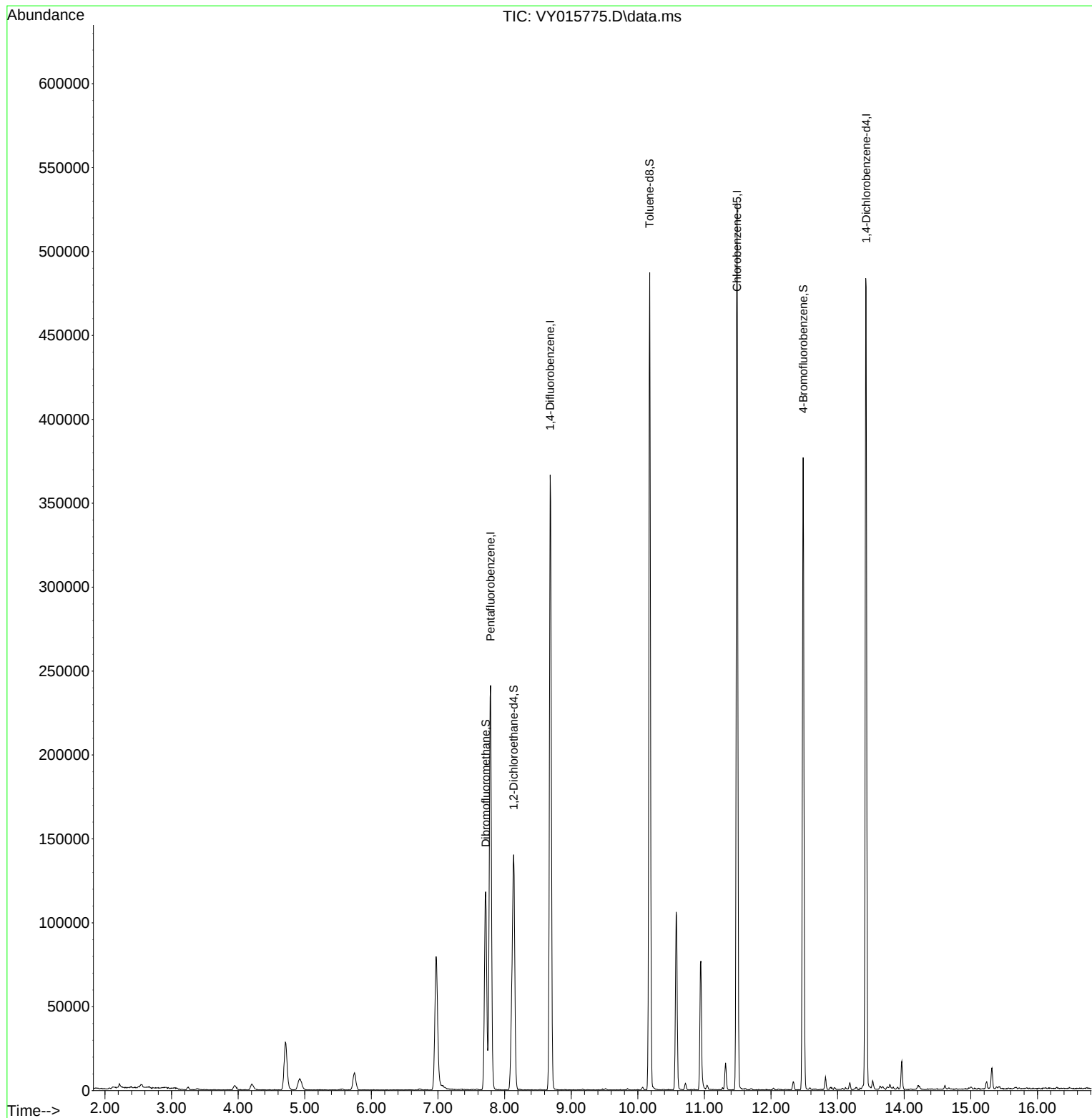
Target Compounds	Qvalue

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

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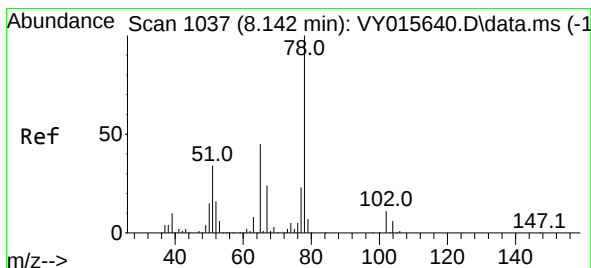
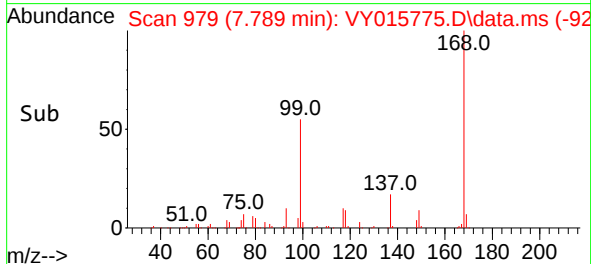
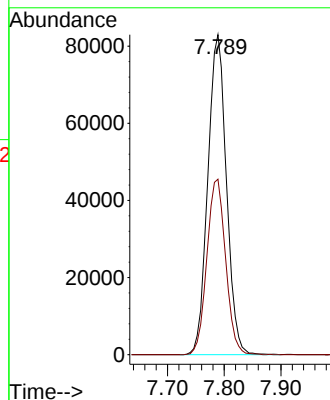
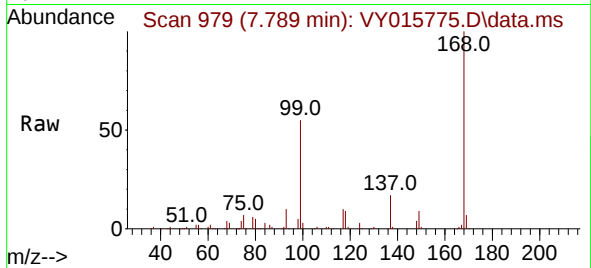




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

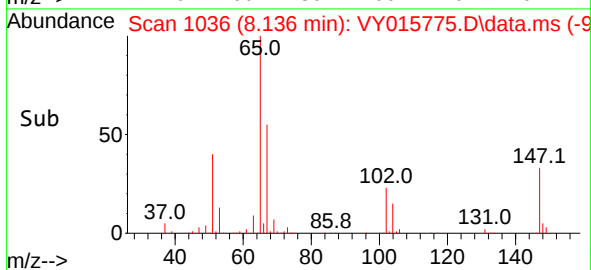
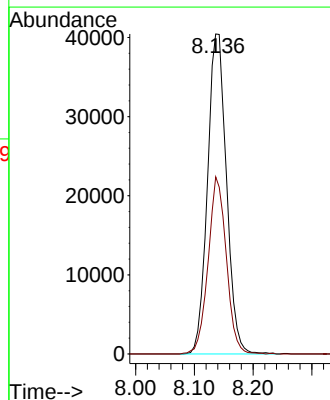
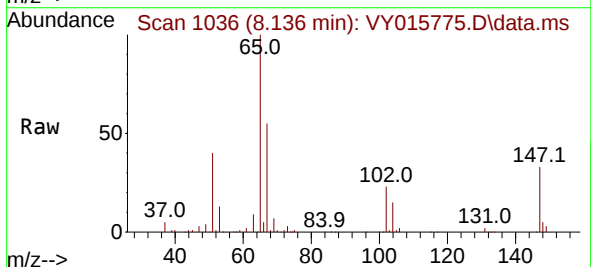
Instrument :
MSVOA_Y
ClientSampleId :
VY1002SBL01

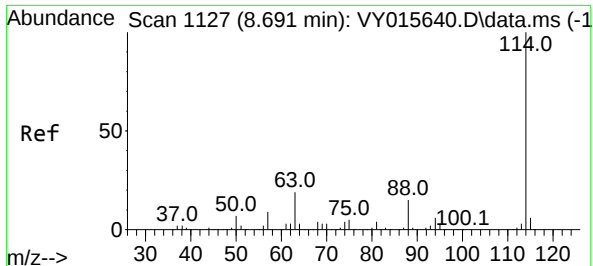
Tgt Ion:168 Resp: 189092
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 43.585 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

Tgt Ion: 65 Resp: 90681
Ion Ratio Lower Upper
65 100
67 53.0 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: VY015775.D

Acq: 02 Oct 2023 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1002SBL01

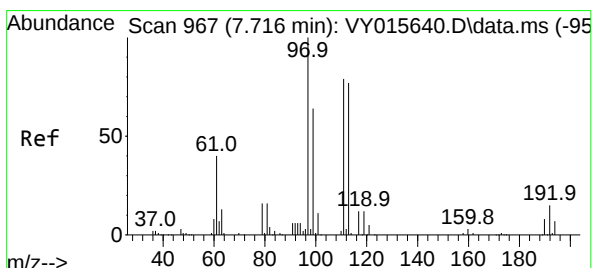
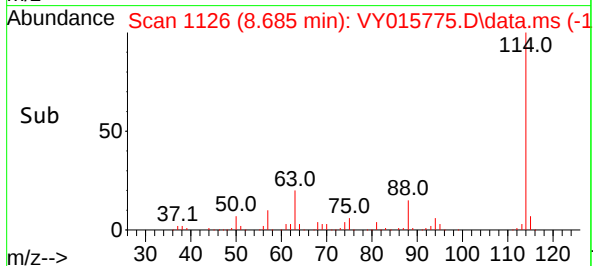
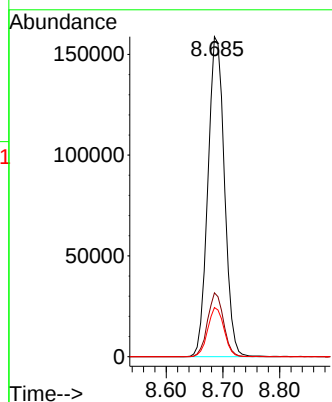
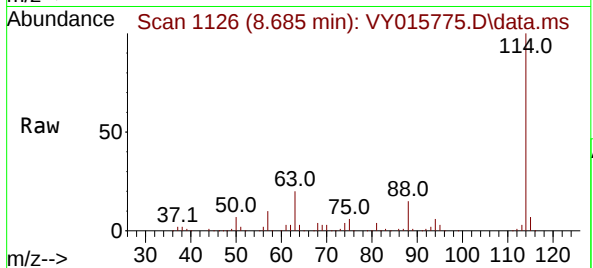
Tgt Ion:114 Resp: 320783

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.302 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015775.D

Acq: 02 Oct 2023 13:40

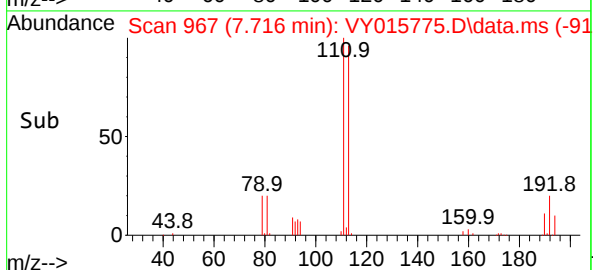
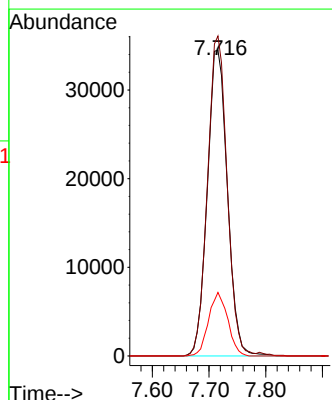
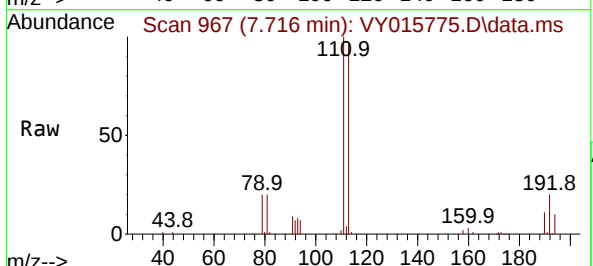
Tgt Ion:113 Resp: 85059

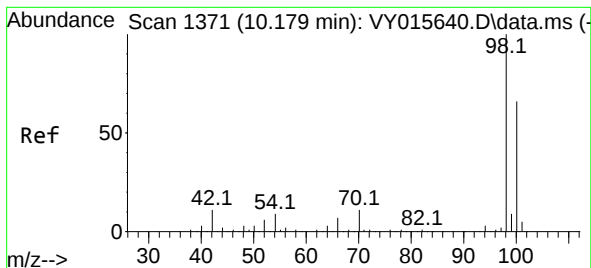
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 19.8 16.9 25.3





#50

Toluene-d8

Concen: 48.716 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015775.D

Acq: 02 Oct 2023 13:40

Instrument :

MSVOA_Y

ClientSampleId :

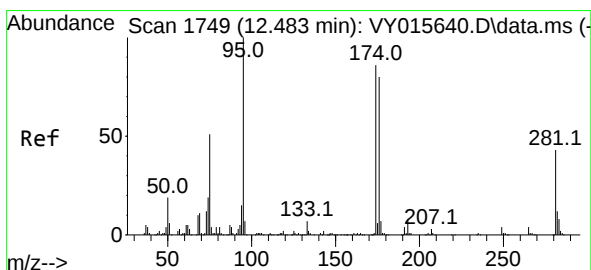
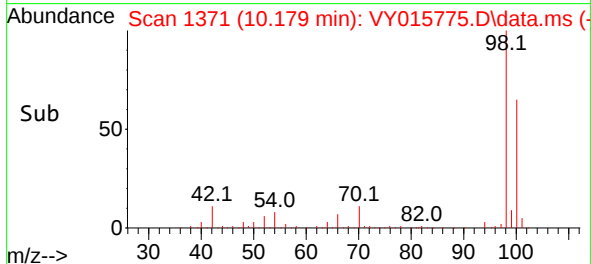
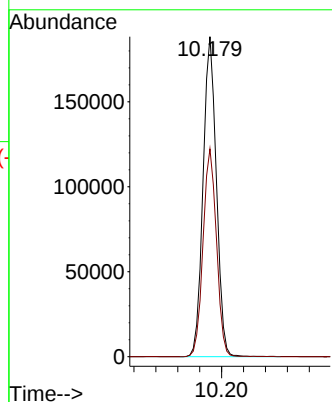
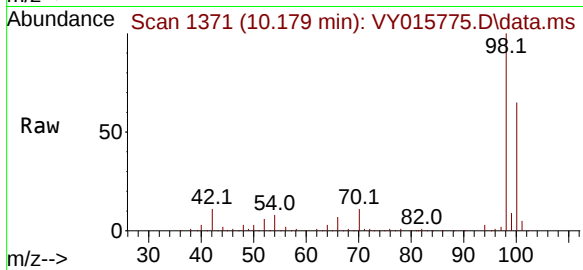
VY1002SBL01

Tgt Ion: 98 Resp: 317145

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.599 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015775.D

Acq: 02 Oct 2023 13:40

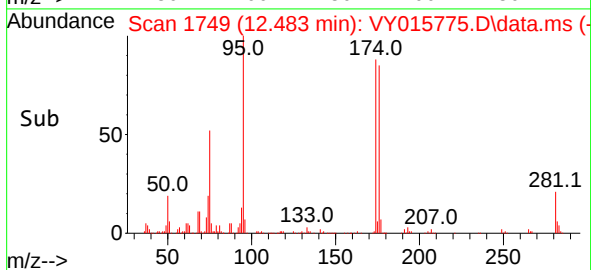
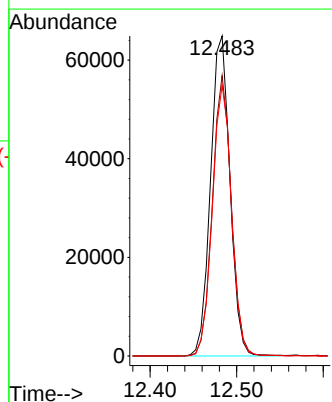
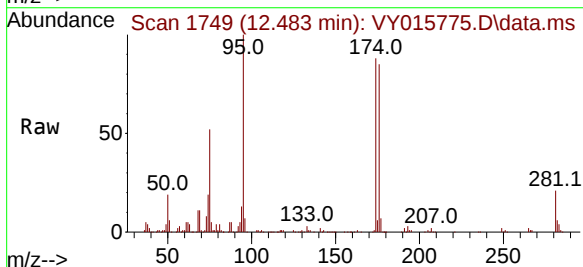
Tgt Ion: 95 Resp: 101166

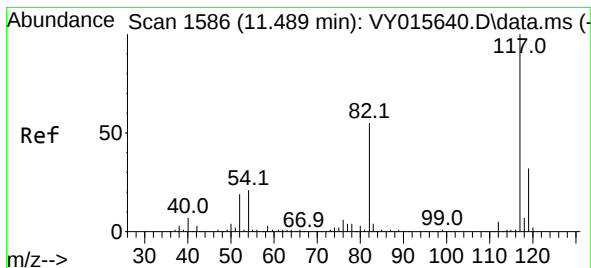
Ion Ratio Lower Upper

95 100

174 85.5 0.0 178.2

176 83.4 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: VY015775.D

Acq: 02 Oct 2023 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1002SBL01

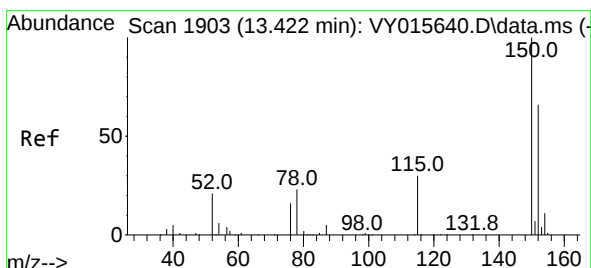
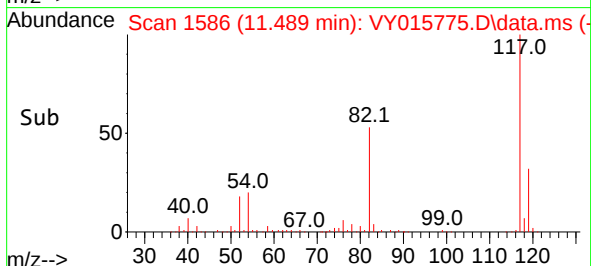
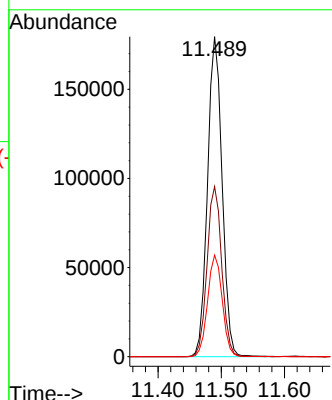
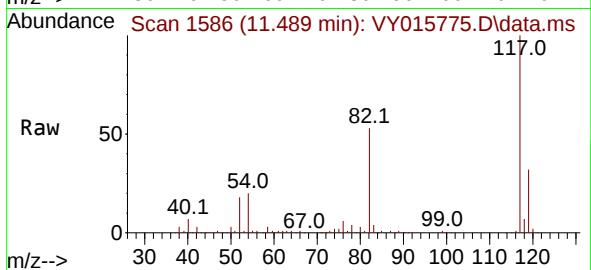
Tgt Ion:117 Resp: 288014

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 31.7 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: VY015775.D

Acq: 02 Oct 2023 13:40

Tgt Ion:152 Resp: 125629

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 158.2 0.0 348.8

