

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013648.D
 Acq On : 08 May 2023 14:49
 Operator : KP/MD
 Sample : 02616-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1RE

Quant Time: May 09 04:57:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	41206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	64927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	68163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27176	60.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.320%
35) Dibromofluoromethane	7.716	113	22224	54.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.840%
50) Toluene-d8	10.179	98	84003	57.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.660%
62) 4-Bromofluorobenzene	12.477	95	33389	68.176	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	136.360%

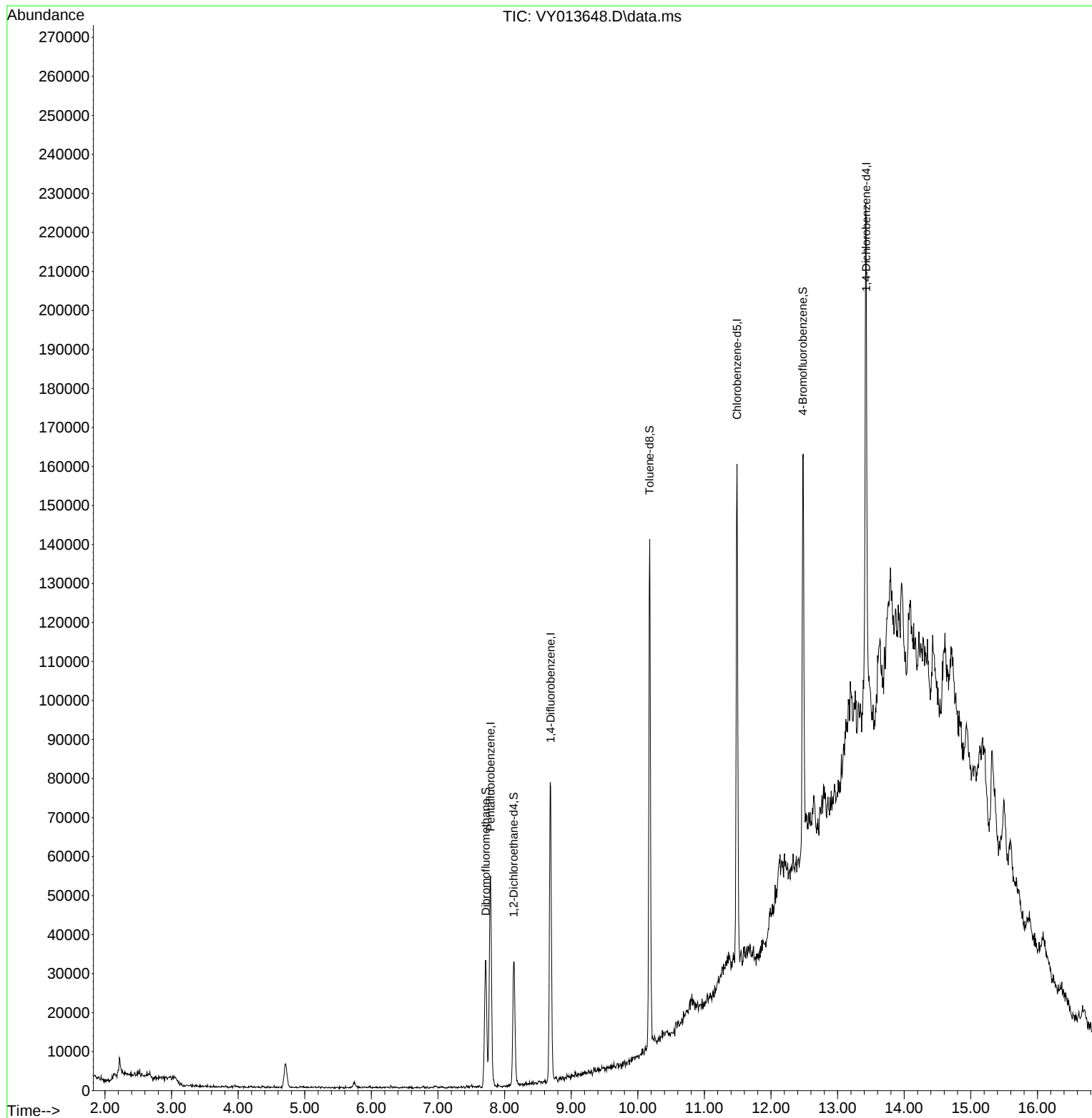
Target Compounds	Qvalue

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

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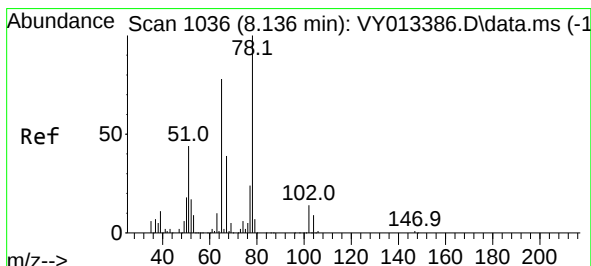
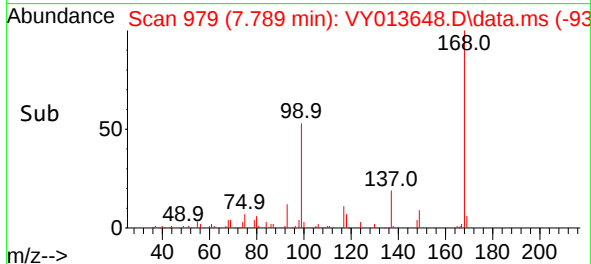
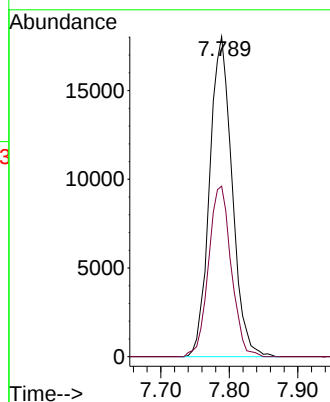
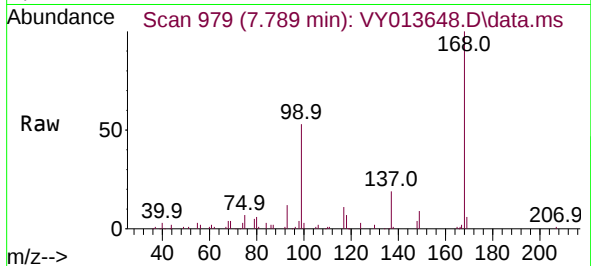




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013648.D
Acq: 08 May 2023 14:49

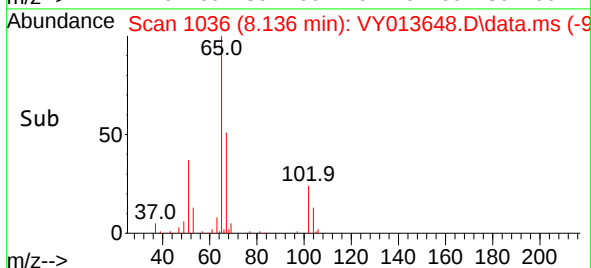
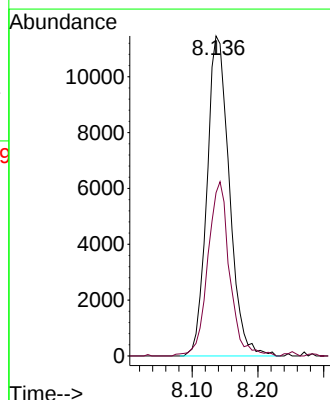
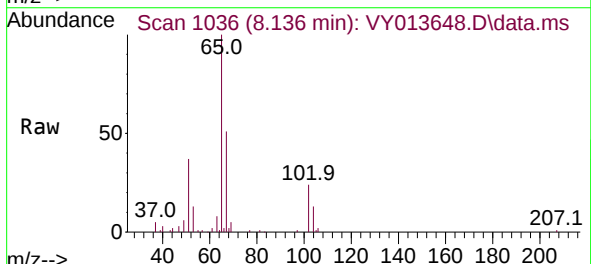
Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

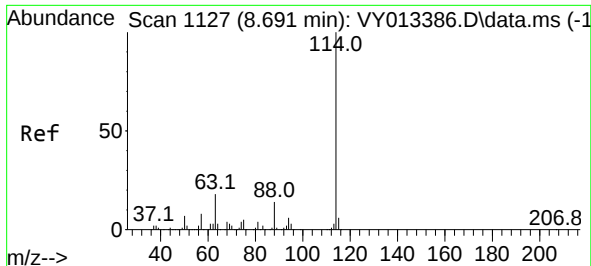
Tgt Ion:168 Resp: 41206
Ion Ratio Lower Upper
168 100
99 53.3 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 60.163 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013648.D
Acq: 08 May 2023 14:49

Tgt Ion: 65 Resp: 27176
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4

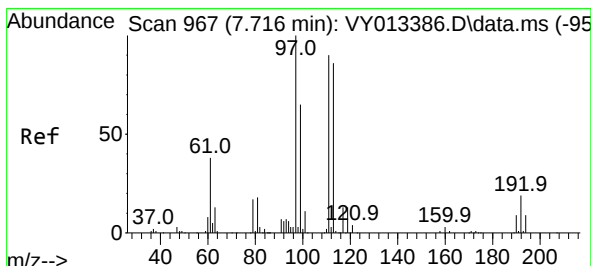
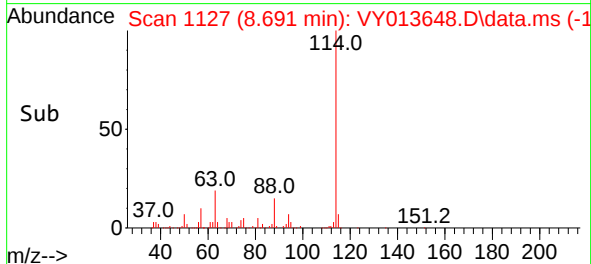
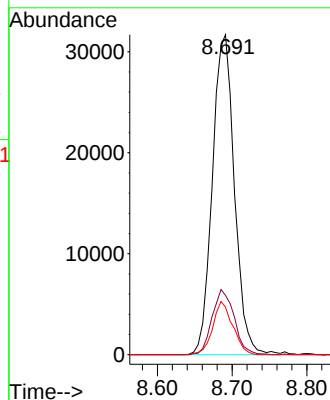
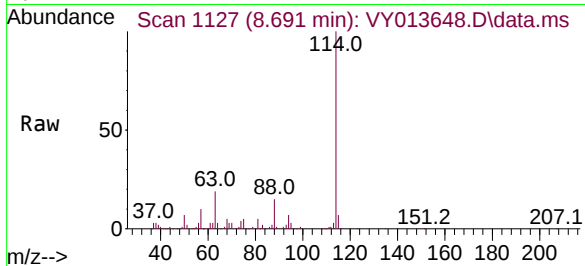




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013648.D
Acq: 08 May 2023 14:49

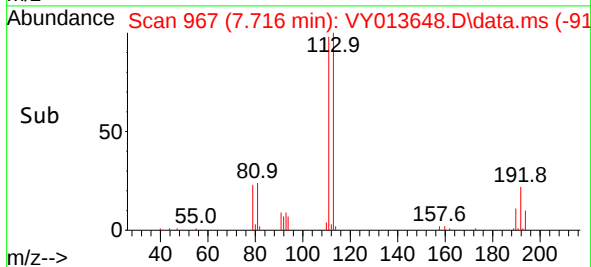
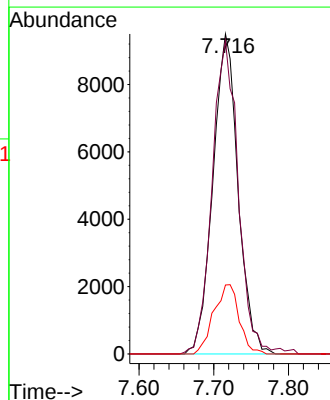
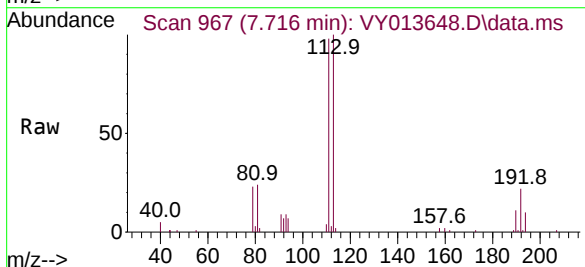
Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

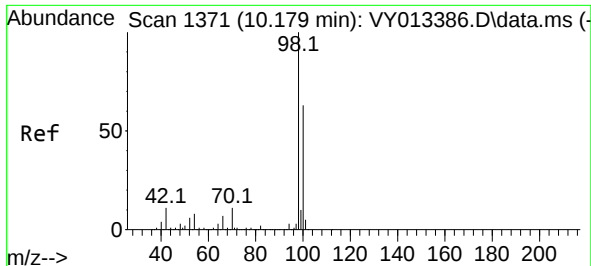
Tgt Ion:114	Resp:	64927
Ion	Ratio	Lower Upper
114	100	
63	18.6	0.0 36.6
88	14.9	0.0 28.8



#35
Dibromofluoromethane
Concen: 54.422 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013648.D
Acq: 08 May 2023 14:49

Tgt Ion:113	Resp:	22224
Ion	Ratio	Lower Upper
113	100	
111	102.0	82.2 123.2
192	21.8	16.7 25.1

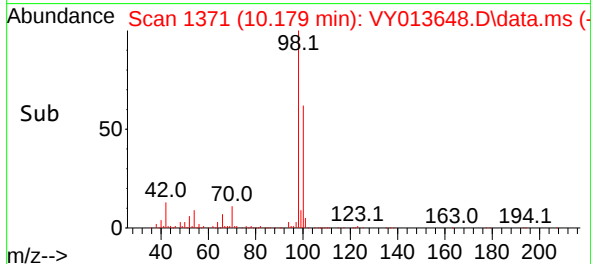
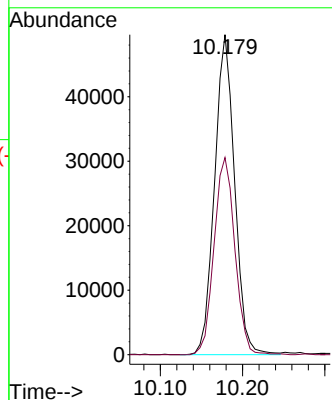
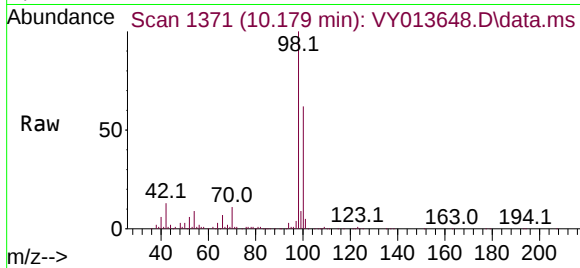




#50
Toluene-d8
Concen: 57.825 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013648.D
Acq: 08 May 2023 14:49

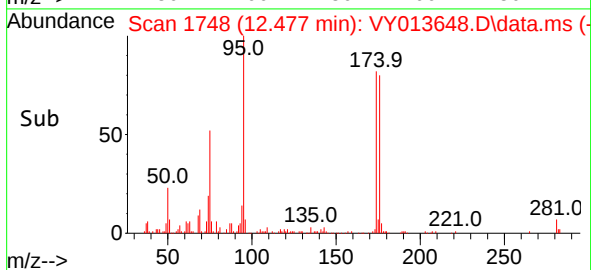
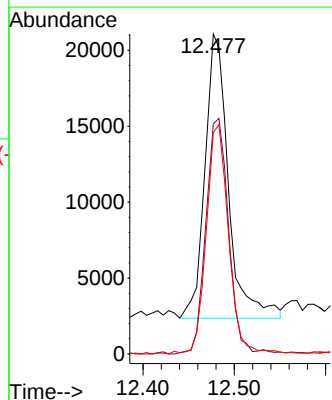
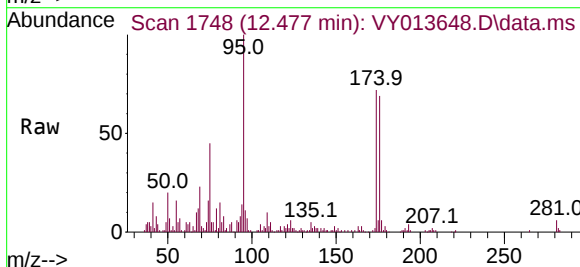
Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

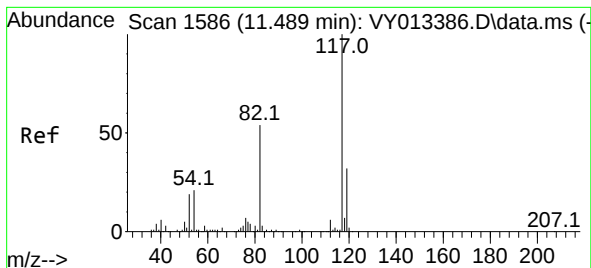
Tgt Ion: 98 Resp: 84003
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 68.176 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013648.D
Acq: 08 May 2023 14:49

Tgt Ion: 95 Resp: 33389
Ion Ratio Lower Upper
95 100
174 79.2 0.0 182.0
176 76.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013648.D

Acq: 08 May 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

SP-1RE

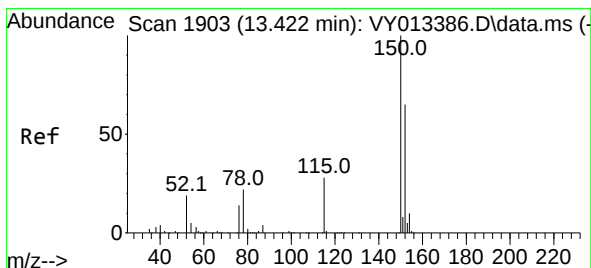
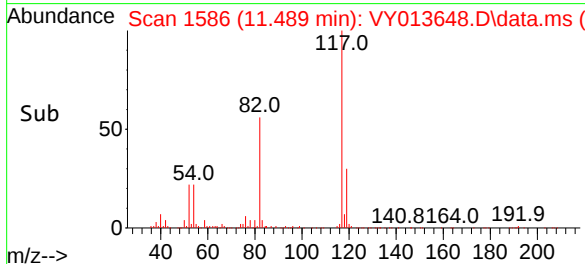
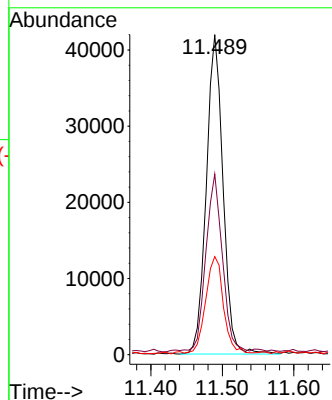
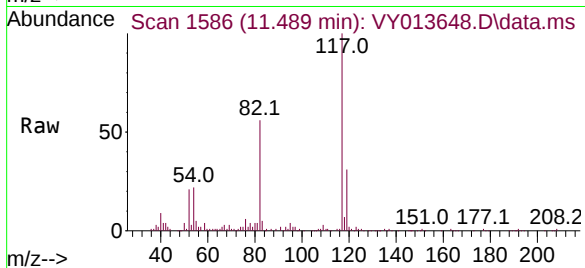
Tgt Ion:117 Resp: 68163

Ion Ratio Lower Upper

117 100

82 55.5 43.0 64.6

119 30.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013648.D

Acq: 08 May 2023 14:49

Tgt Ion:152 Resp: 30501

Ion Ratio Lower Upper

152 100

115 60.3 28.1 84.2

150 157.0 0.0 352.0

