

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013565.D
 Acq On : 02 May 2023 18:31
 Operator : KP/MD
 Sample : 02583-07
 Misc : 12.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-27

Quant Time: May 03 01:35:14 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	197160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150899	69.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.640%
35) Dibromofluoromethane	7.710	113	118922	55.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.340%
50) Toluene-d8	10.179	98	410218	53.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.960%
62) 4-Bromofluorobenzene	12.477	95	130749	51.034	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.060%

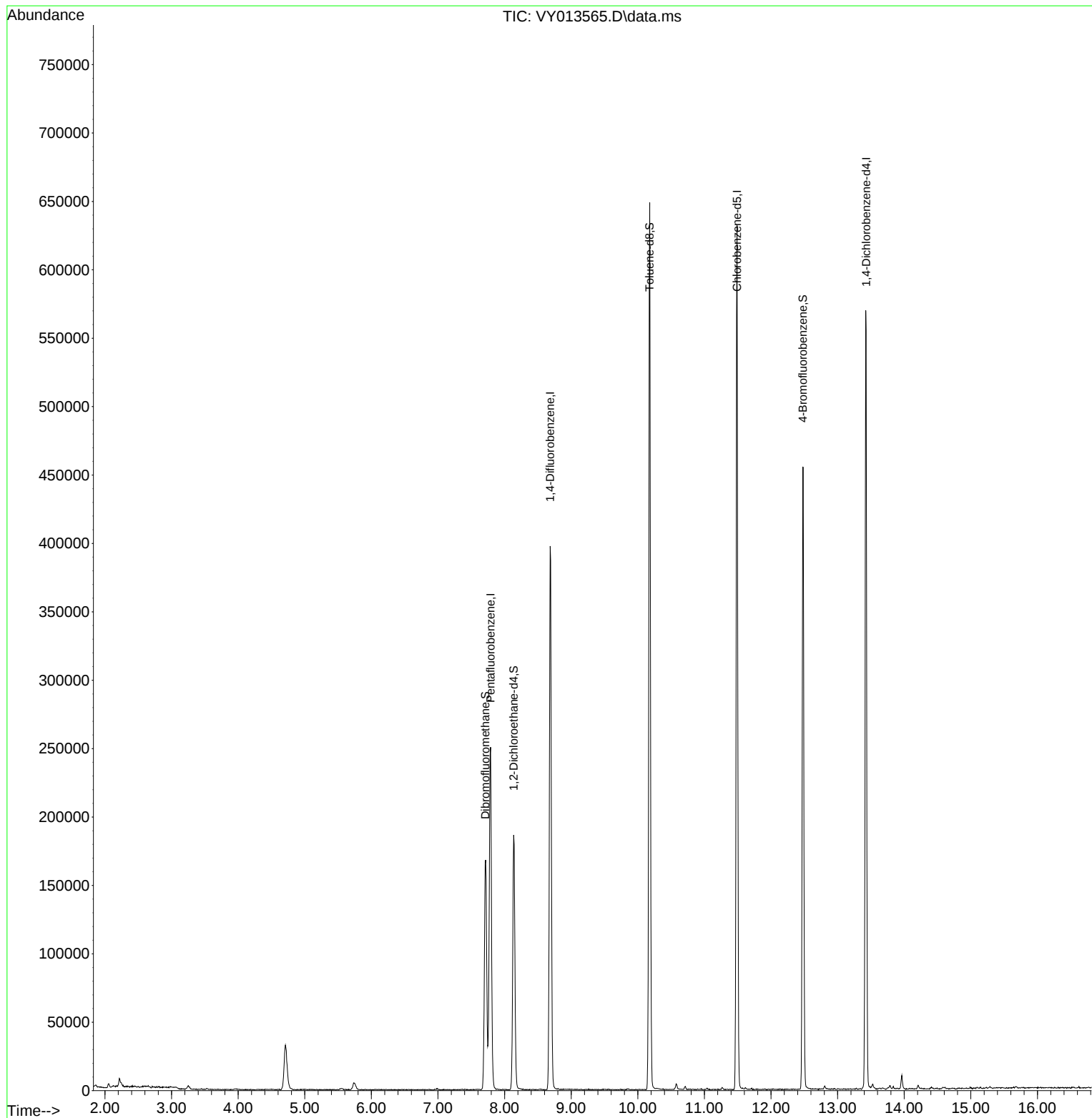
Target Compounds	Qvalue

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

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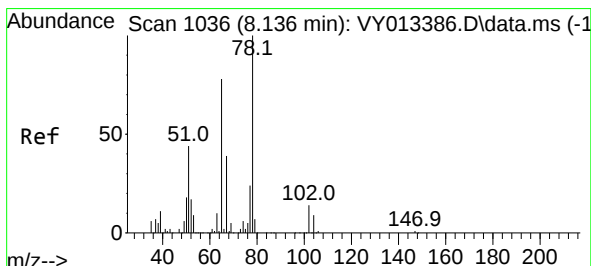
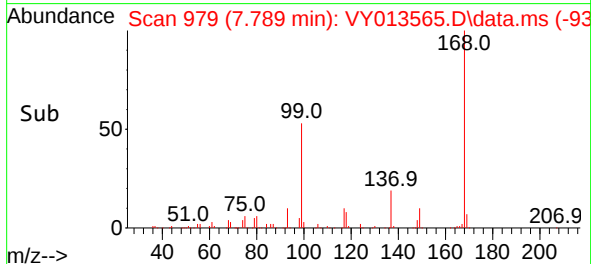
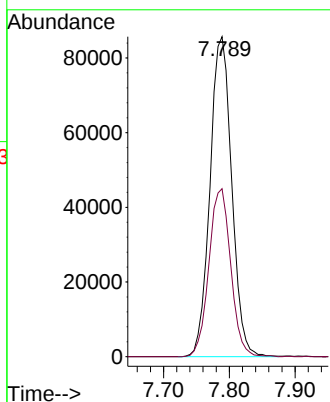
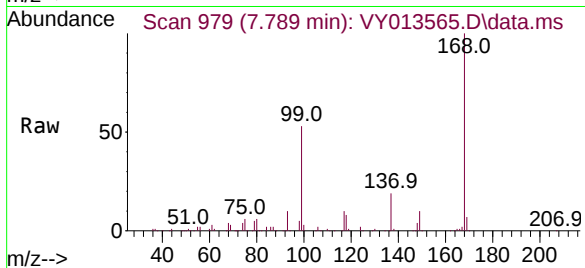




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

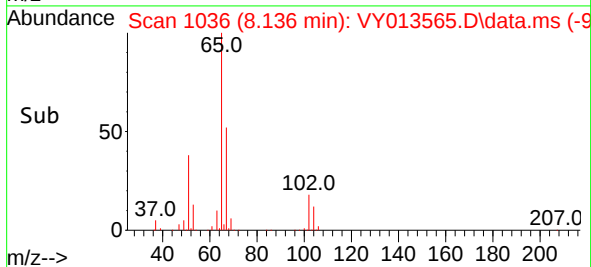
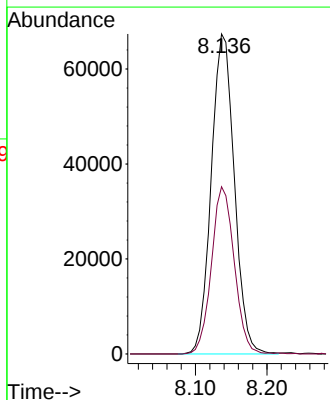
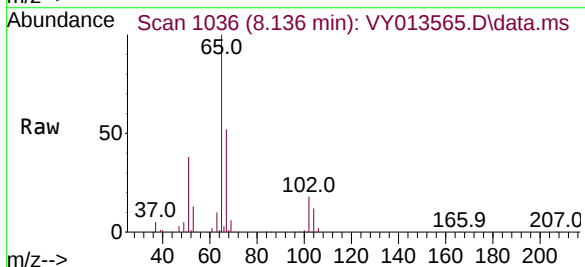
Instrument :
MSVOA_Y
ClientSampleId :
CF-27

Tgt Ion:168 Resp: 197160
Ion Ratio Lower Upper
168 100
99 52.5 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 69.818 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion: 65 Resp: 150899
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013565.D

Acq: 02 May 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

CF-27

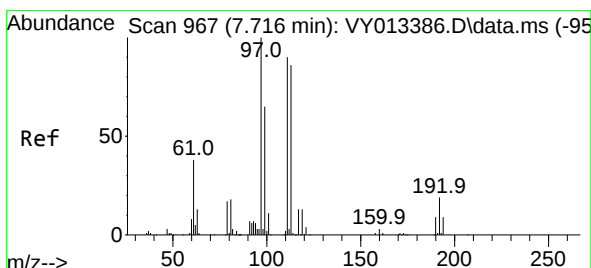
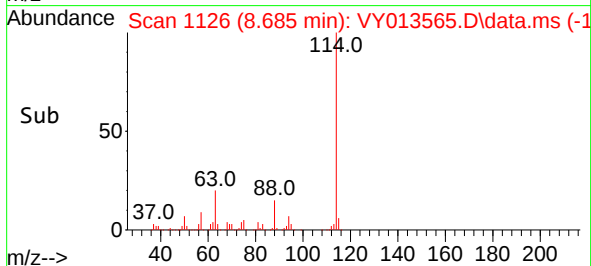
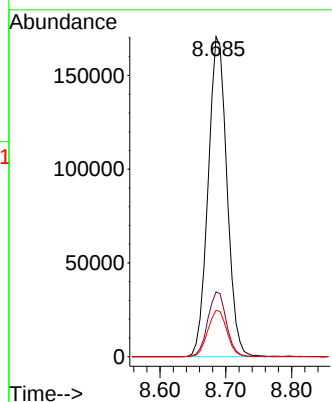
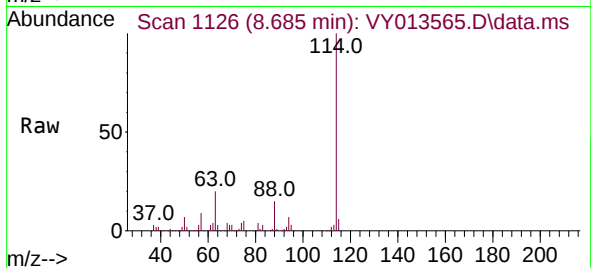
Tgt Ion:114 Resp: 339655

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.668 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013565.D

Acq: 02 May 2023 18:31

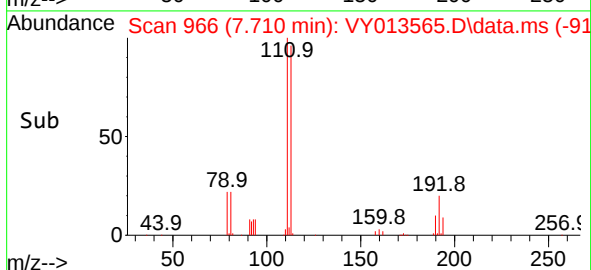
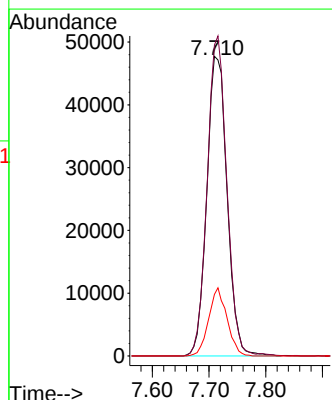
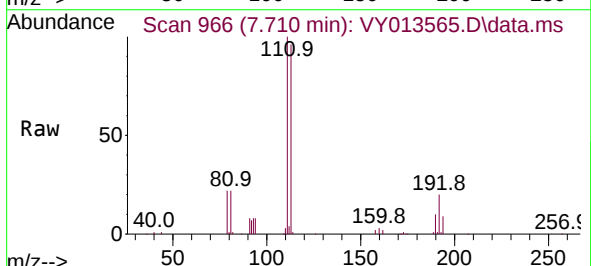
Tgt Ion:113 Resp: 118922

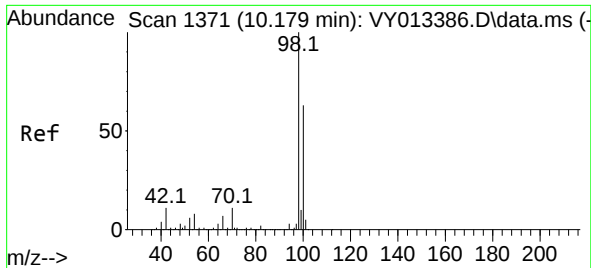
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 20.5 16.7 25.1

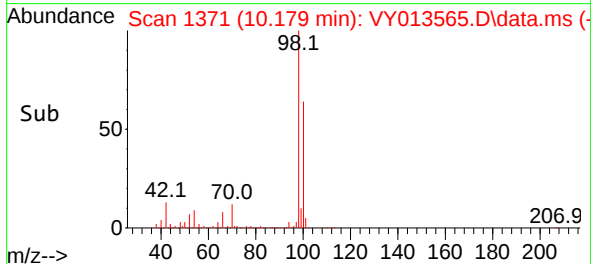
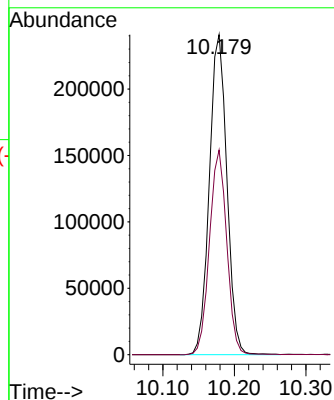
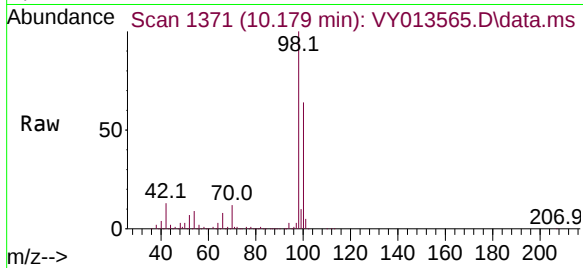




#50
Toluene-d8
Concen: 53.979 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

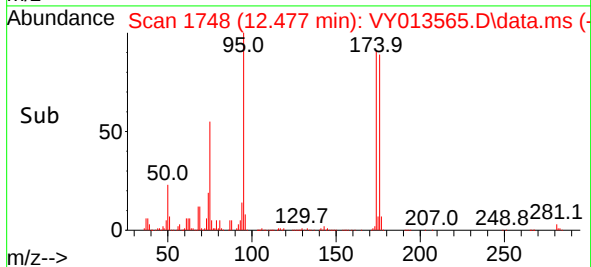
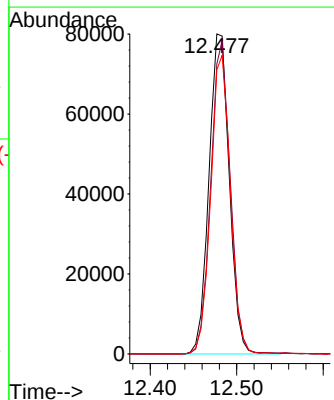
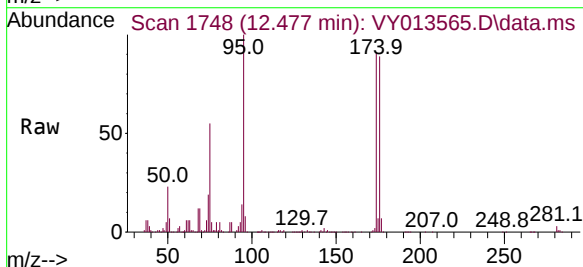
Instrument :
MSVOA_Y
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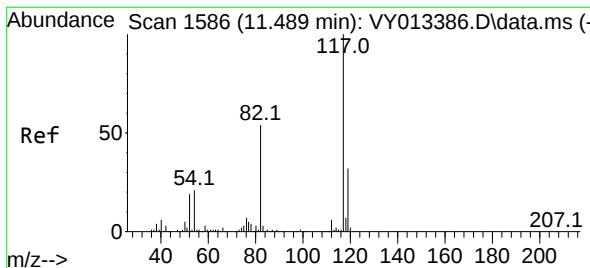
Tgt Ion: 98 Resp: 410218
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.034 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion: 95 Resp: 130749
Ion Ratio Lower Upper
95 100
174 94.0 0.0 182.0
176 90.1 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: VY013565.D

Acq: 02 May 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

CF-27

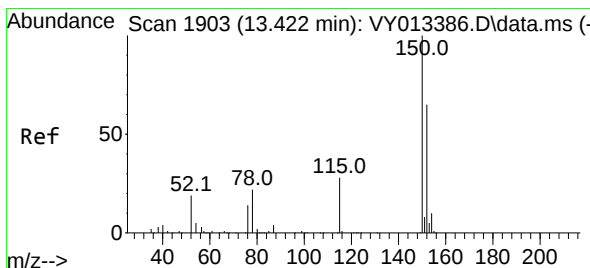
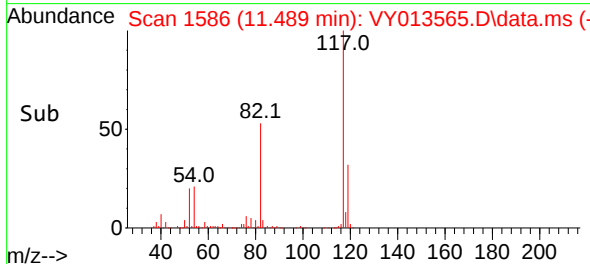
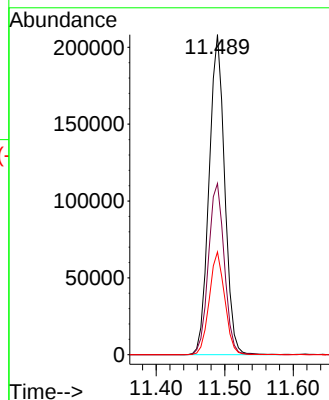
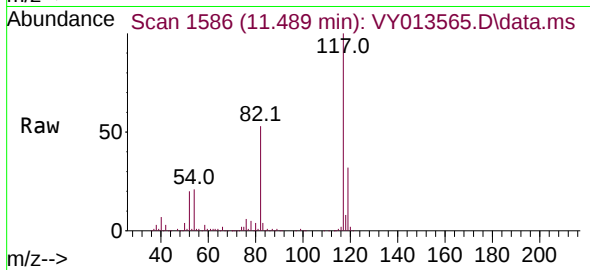
Tgt Ion:117 Resp: 330154

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.6

119 32.1 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: VY013565.D

Acq: 02 May 2023 18:31

Tgt Ion:152 Resp: 148958

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.2

150 156.4 0.0 352.0

