

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015465.D
 Acq On : 07 Sep 2023 13:32
 Operator : SY/MD
 Sample : 04333-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 07 23:08:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	11164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	17622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	15506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	6652	55.583	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.160%
35) Dibromofluoromethane	7.710	113	3434	33.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.660%
50) Toluene-d8	10.173	98	20780	56.534	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.060%
62) 4-Bromofluorobenzene	12.477	95	6969	51.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.140%

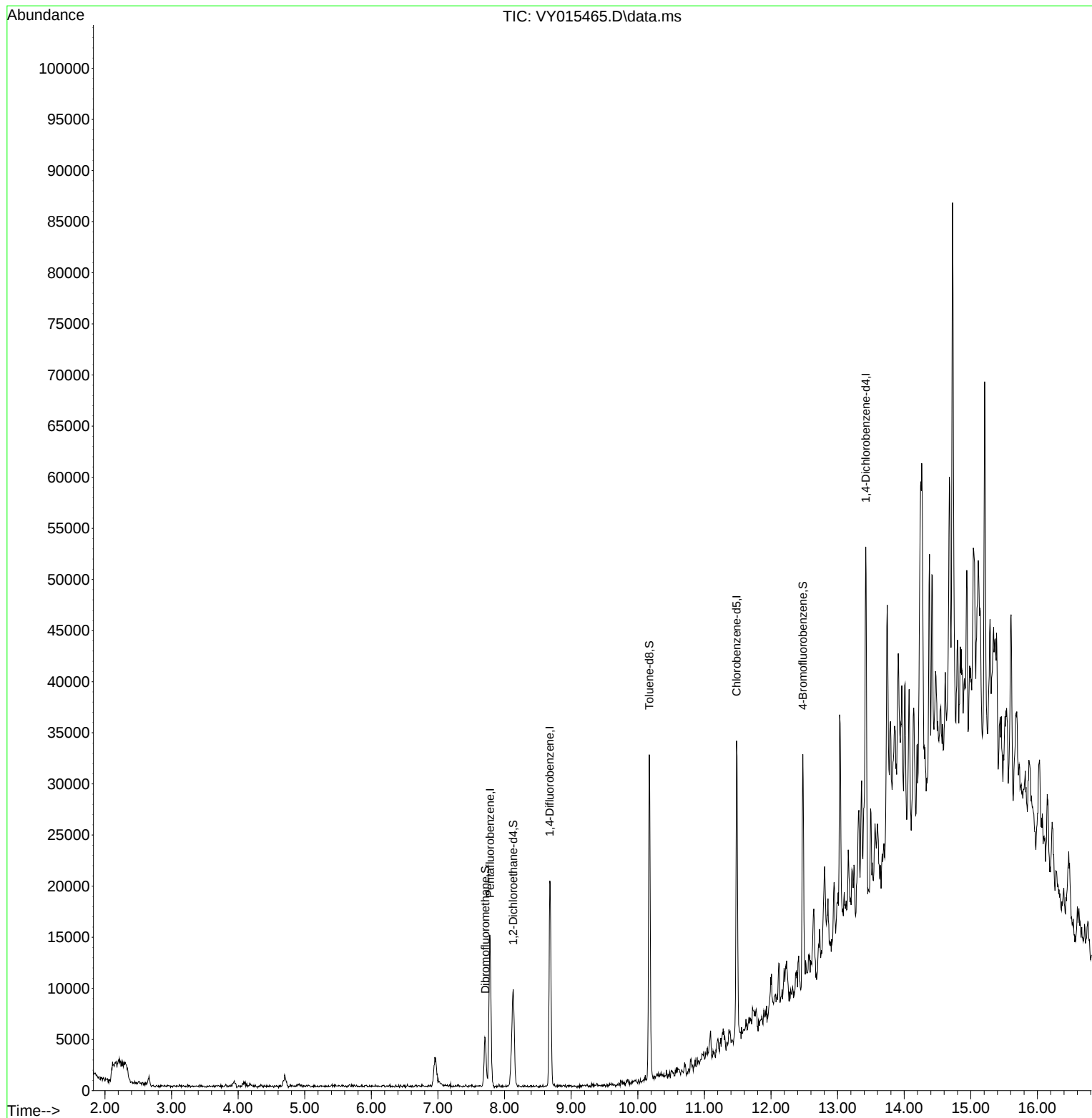
Target Compounds	Qvalue

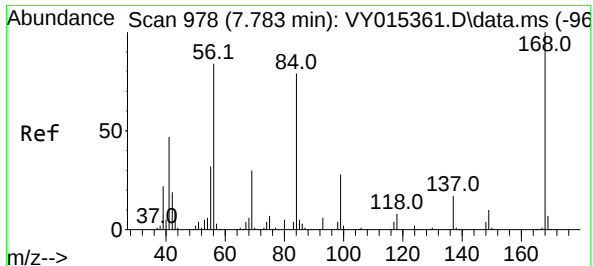
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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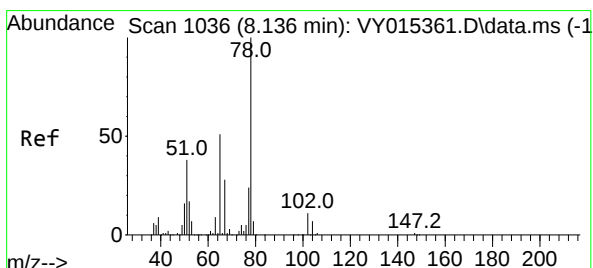
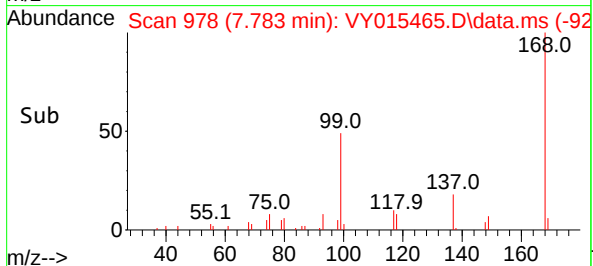
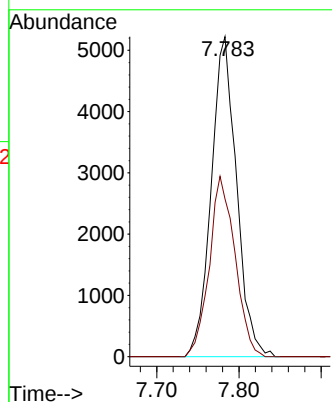
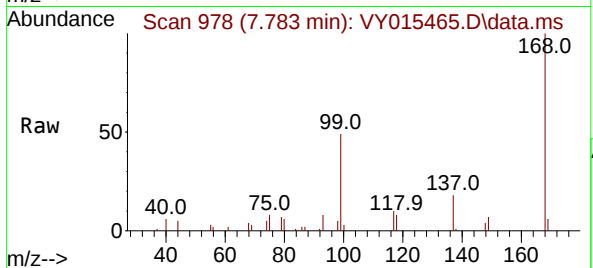




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015465.D
Acq: 07 Sep 2023 13:32

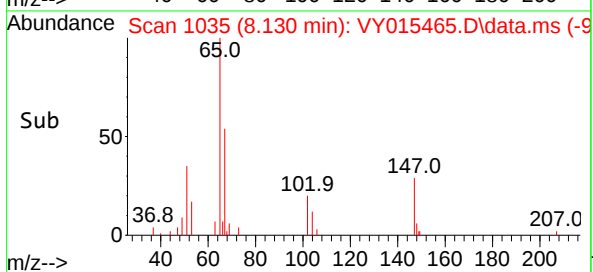
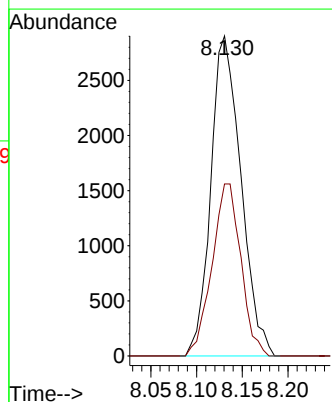
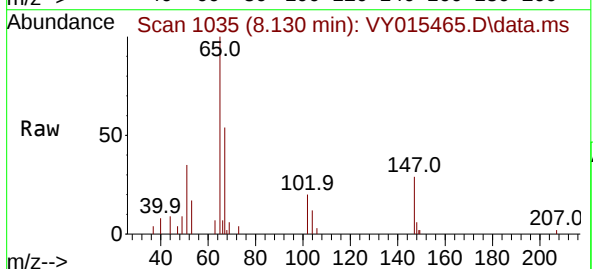
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:168 Resp: 11164
Ion Ratio Lower Upper
168 100
99 49.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.583 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015465.D
Acq: 07 Sep 2023 13:32

Tgt Ion: 65 Resp: 6652
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015465.D

Acq: 07 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

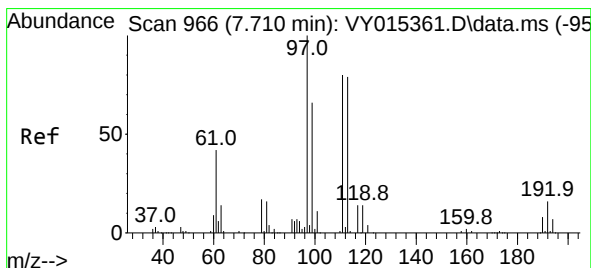
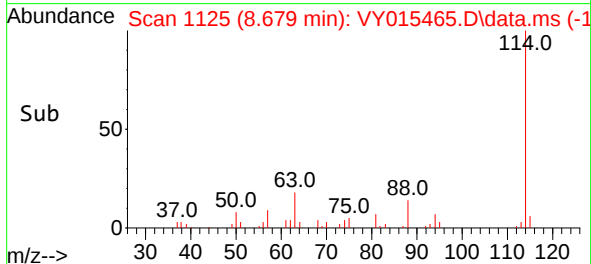
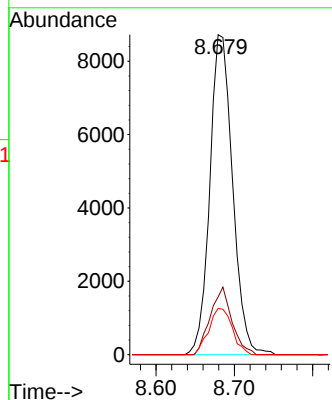
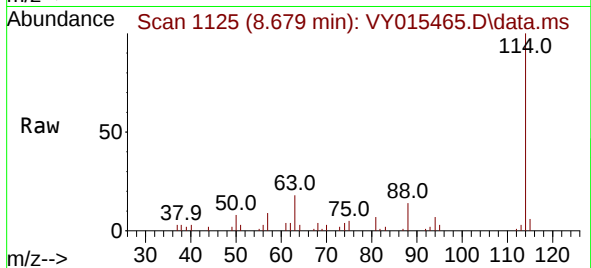
Tgt Ion:114 Resp: 17622

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 33.833 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015465.D

Acq: 07 Sep 2023 13:32

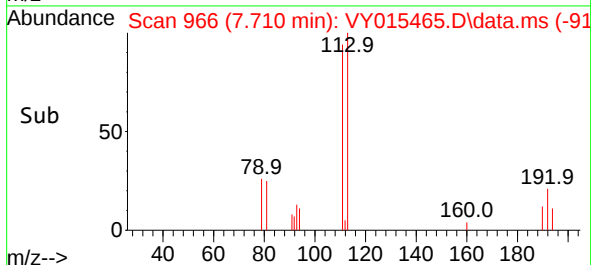
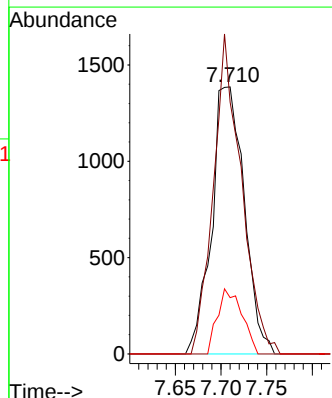
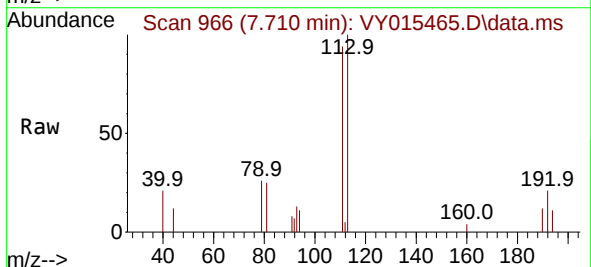
Tgt Ion:113 Resp: 3434

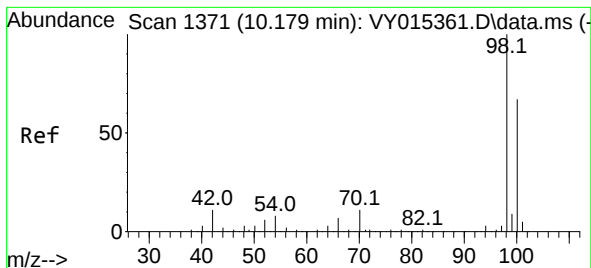
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 18.3 16.9 25.3





#50

Toluene-d8

Concen: 56.534 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015465.D

Acq: 07 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

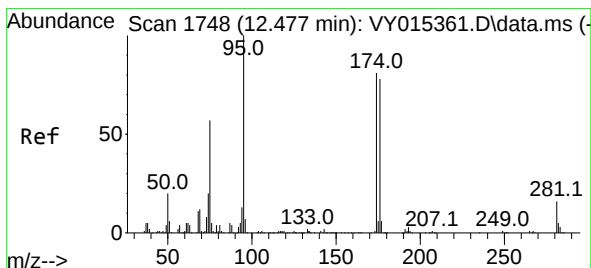
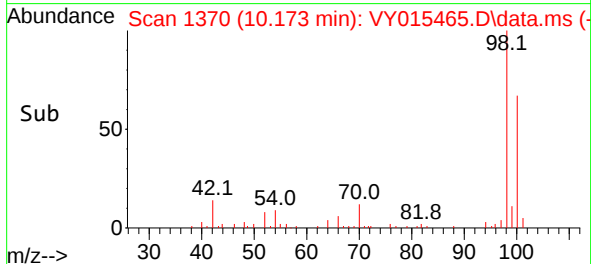
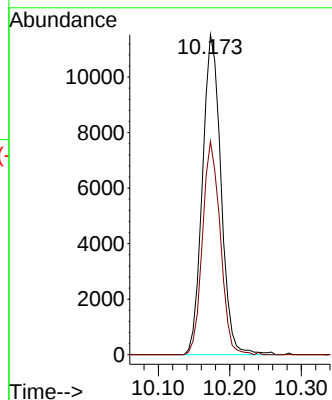
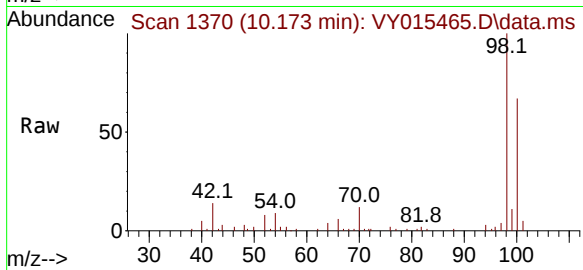
WC-1

Tgt Ion: 98 Resp: 20780

Ion Ratio Lower Upper

98 100

100 63.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.072 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015465.D

Acq: 07 Sep 2023 13:32

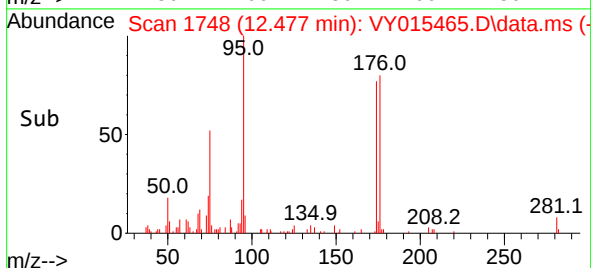
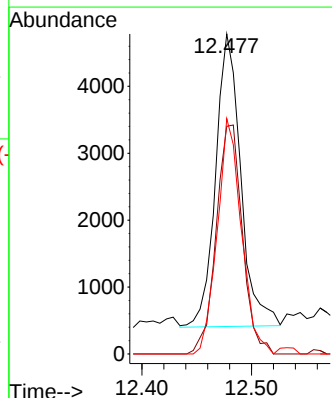
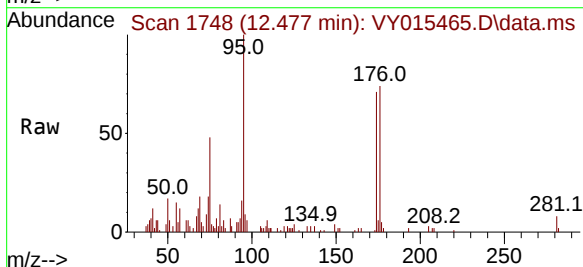
Tgt Ion: 95 Resp: 6969

Ion Ratio Lower Upper

95 100

174 81.4 0.0 178.2

176 77.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015465.D

Acq: 07 Sep 2023 13:32

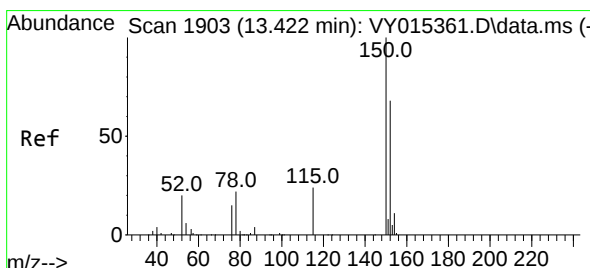
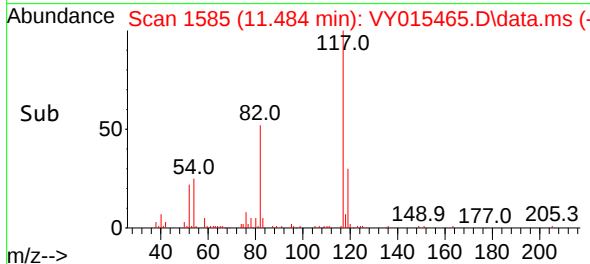
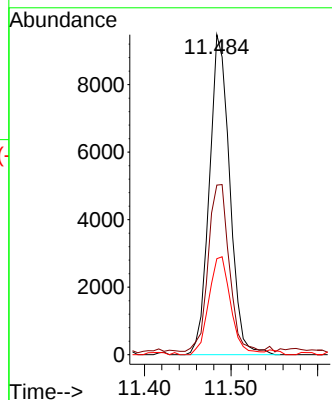
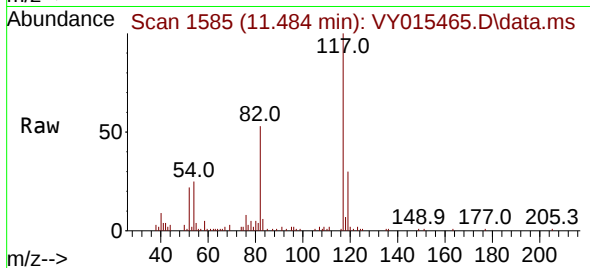
Instrument :

MSVOA_Y

ClientSampleId :

WC-1

Tgt Ion:	117	Resp:	15506
Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.4	65.0
119	30.0	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: VY015465.D

Acq: 07 Sep 2023 13:32

Tgt Ion:	152	Resp:	7513
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.8	86.5
150	150.3	0.0	348.8

