

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013558.D
 Acq On : 02 May 2023 15:47
 Operator : KP/MD
 Sample : 02570-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-1RE

Quant Time: May 03 01:34:07 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	8405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5485	59.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.060%
35) Dibromofluoromethane	7.716	113	4872	61.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.500%
50) Toluene-d8	10.179	98	13682	48.745	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.477	95	3249	34.335	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.660%

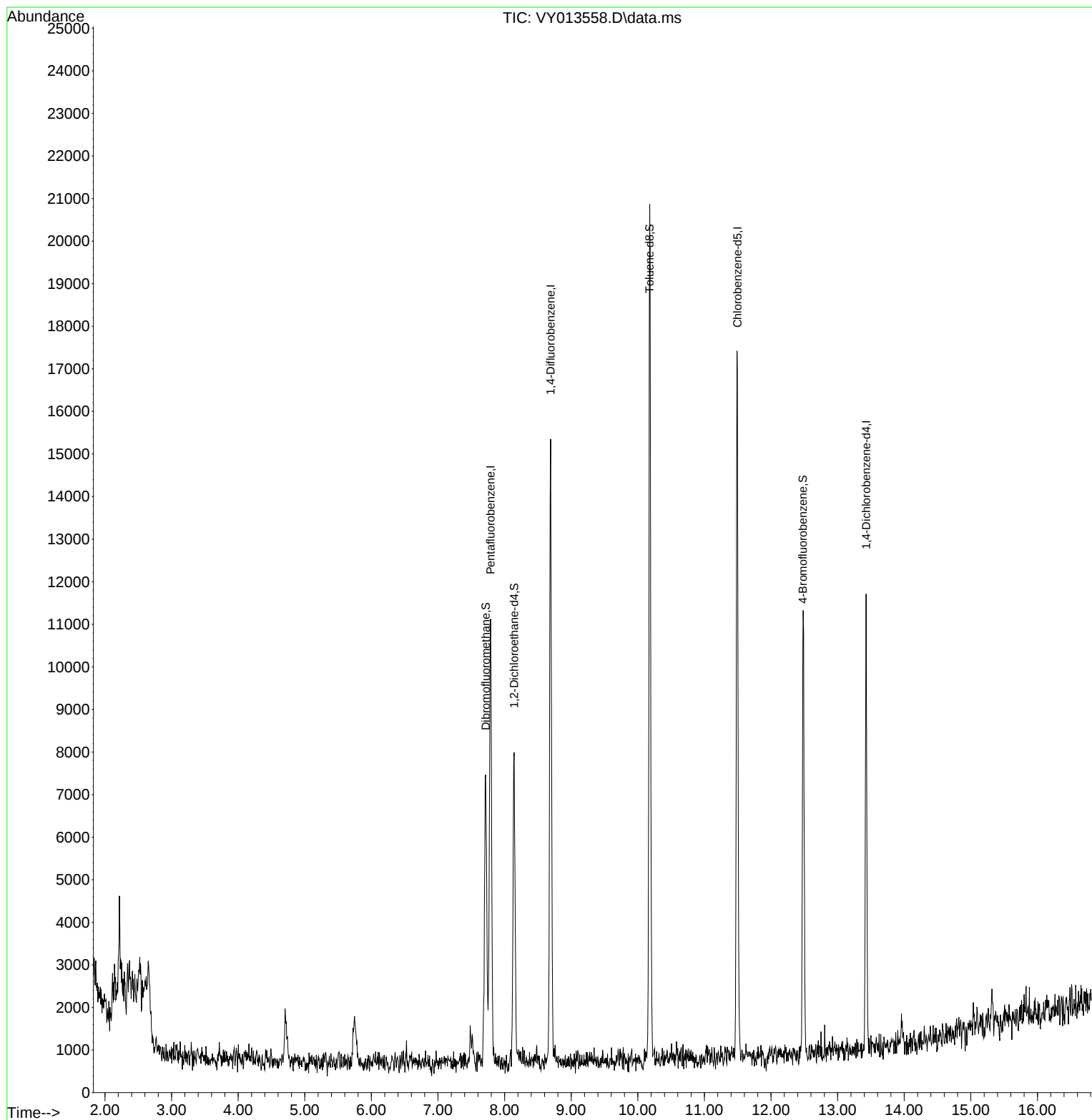
Target Compounds	Qvalue

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

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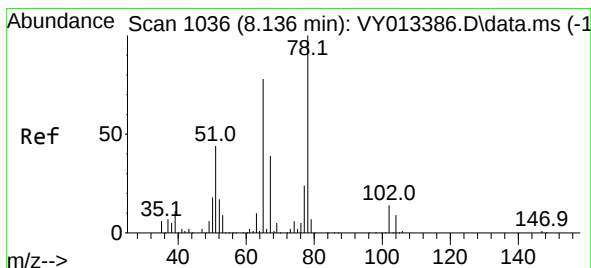
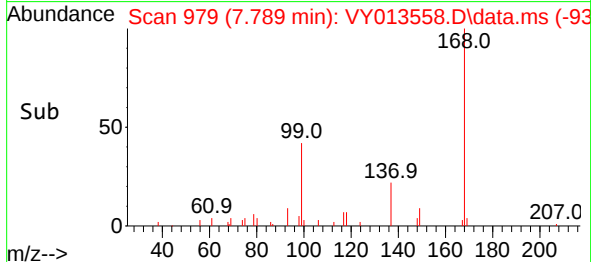
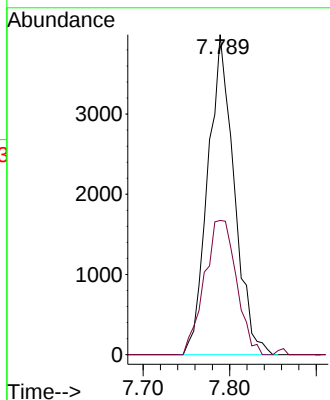
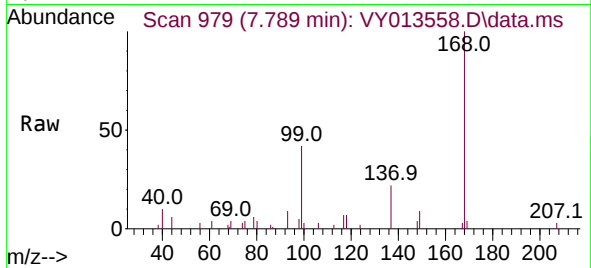




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013558.D
Acq: 02 May 2023 15:47

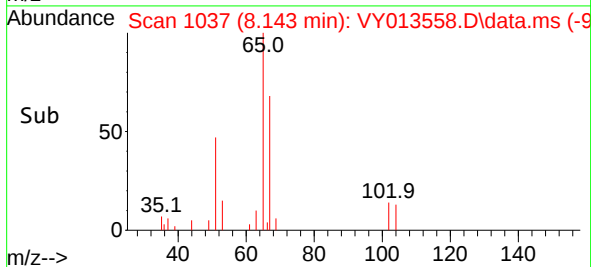
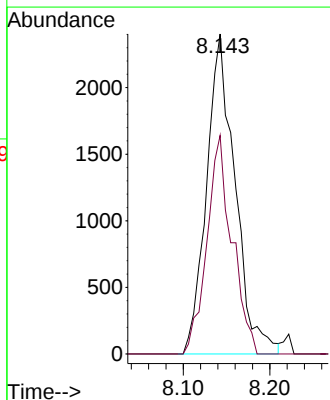
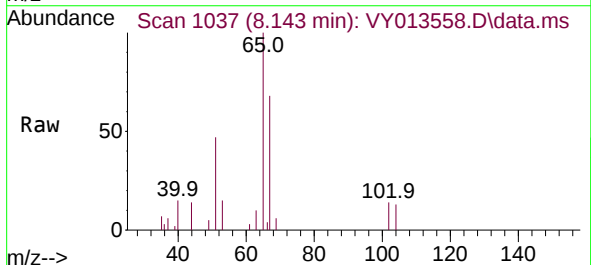
Instrument :
MSVOA_Y
ClientSampleId :
RB-1RE

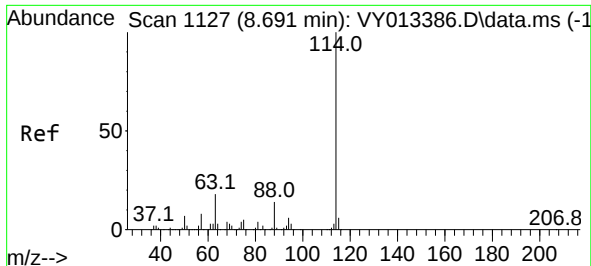
Tgt Ion:168 Resp: 8405
Ion Ratio Lower Upper
168 100
99 41.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 59.531 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013558.D
Acq: 02 May 2023 15:47

Tgt Ion: 65 Resp: 5485
Ion Ratio Lower Upper
65 100
67 60.1 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: VY013558.D

Acq: 02 May 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

RB-1RE

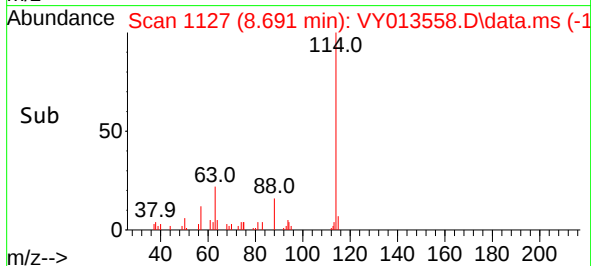
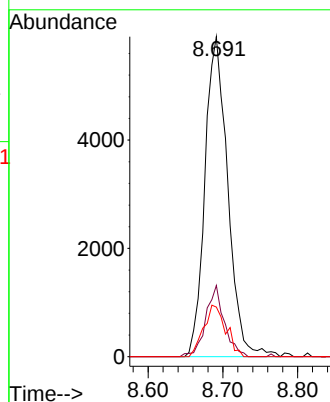
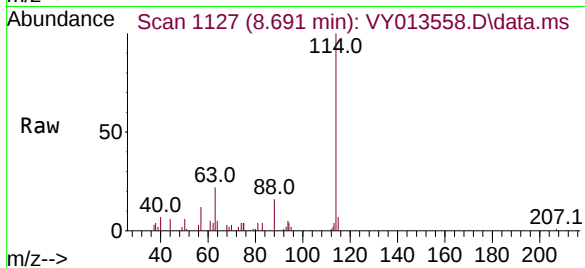
Tgt Ion:114 Resp: 12545

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.6

88 15.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 61.747 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013558.D

Acq: 02 May 2023 15:47

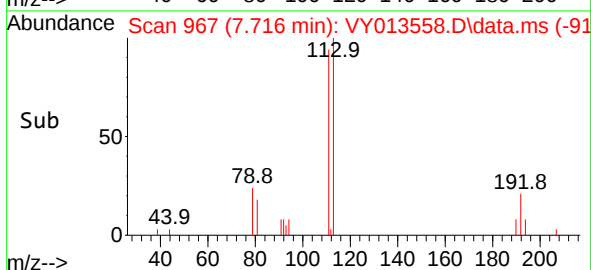
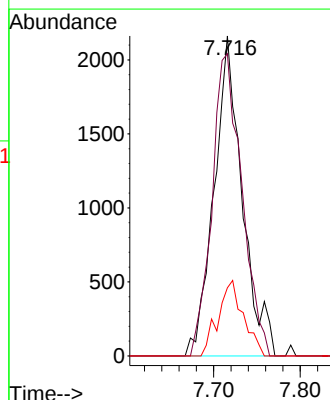
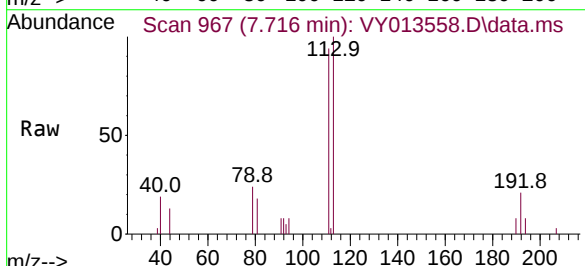
Tgt Ion:113 Resp: 4872

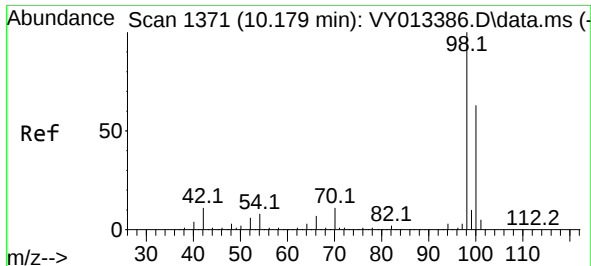
Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.2

192 21.2 16.7 25.1

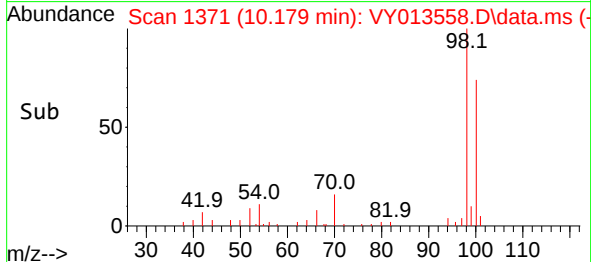
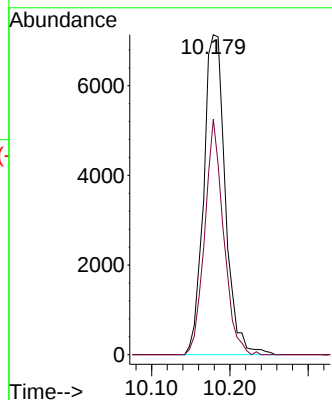
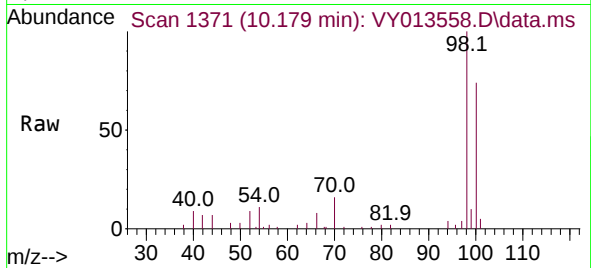




#50
Toluene-d8
Concen: 48.745 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013558.D
Acq: 02 May 2023 15:47

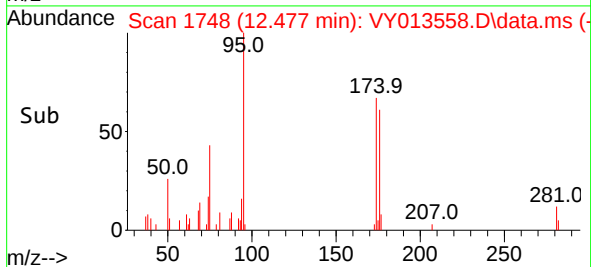
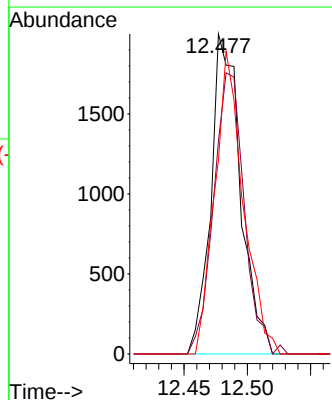
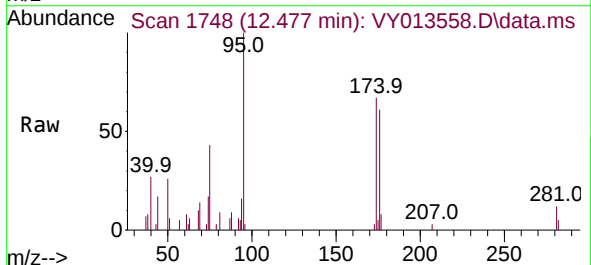
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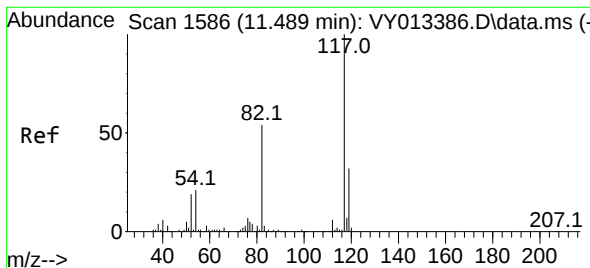
Tgt Ion: 98 Resp: 13682
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 34.335 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013558.D
Acq: 02 May 2023 15:47

Tgt Ion: 95 Resp: 3249
Ion Ratio Lower Upper
95 100
174 91.0 0.0 182.0
176 91.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY013558.D

Acq: 02 May 2023 15:47

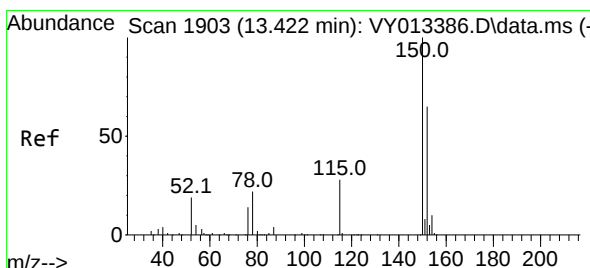
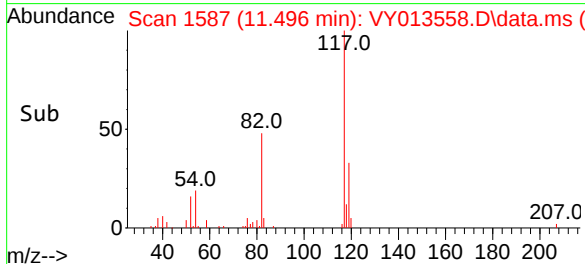
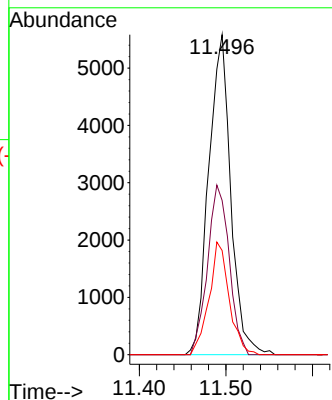
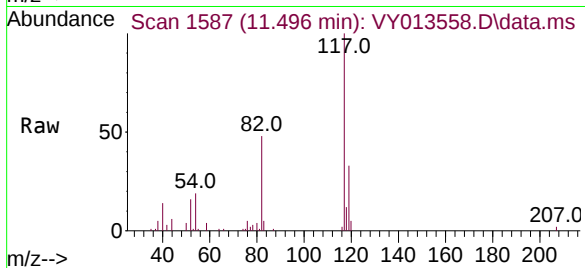
Instrument :

MSVOA_Y

ClientSampleId :

RB-1RE

Tgt Ion:	117	Resp:	9847
Ion	Ratio	Lower	Upper
117	100		
82	48.2	43.0	64.6
119	32.5	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: VY013558.D

Acq: 02 May 2023 15:47

Tgt Ion:	152	Resp:	2925
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.1	84.2
150	149.3	0.0	352.0

