

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013573.D
 Acq On : 03 May 2023 11:52
 Operator : KP/MD
 Sample : 02568-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11938

Quant Time: May 03 15:38:40 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	2795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1501	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3755	122.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	245.100%#
35) Dibromofluoromethane	7.710	113	2252	72.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.760%
50) Toluene-d8	10.179	98	5893	53.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.220%
62) 4-Bromofluorobenzene	12.489	95	1973	53.240	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.480%

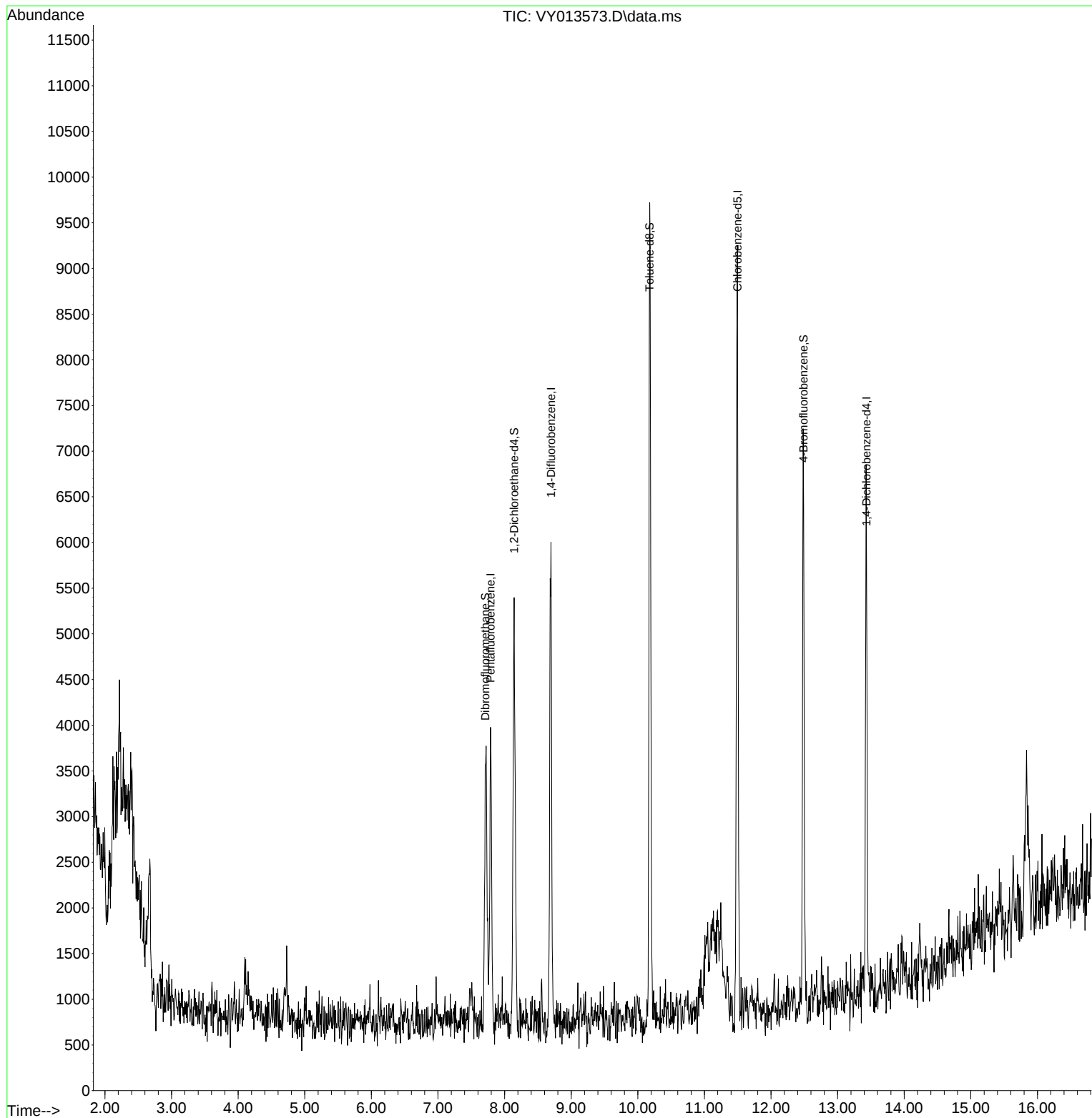
Target Compounds	Qvalue

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

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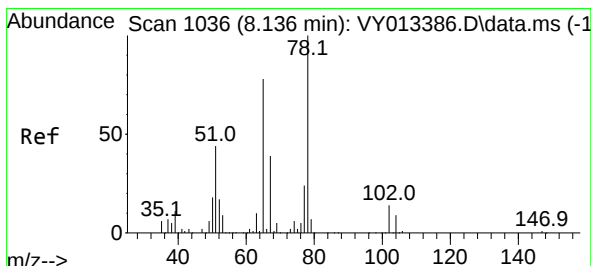
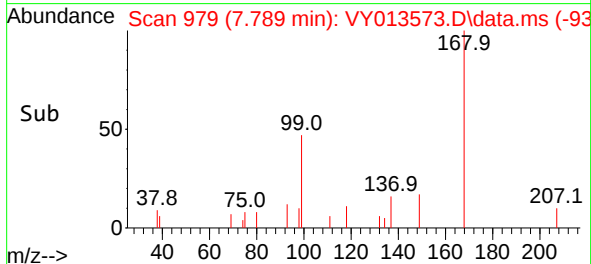
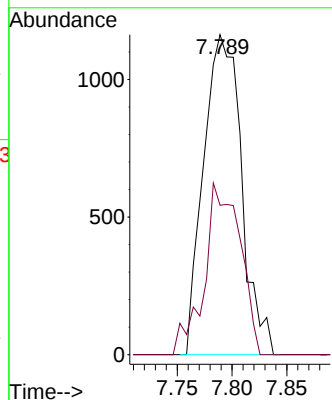
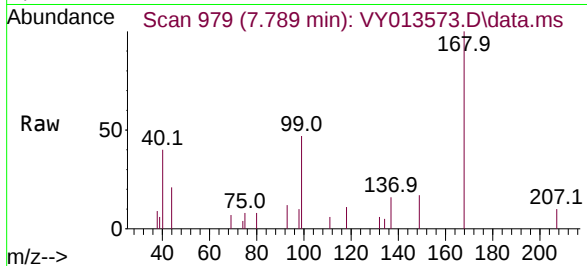




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013573.D
Acq: 03 May 2023 11:52

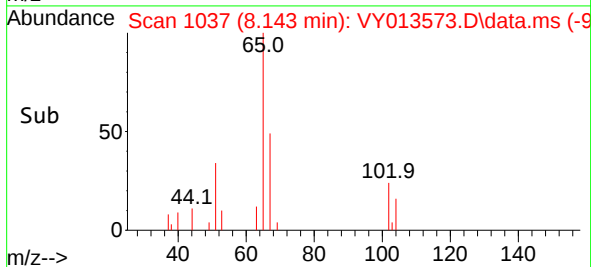
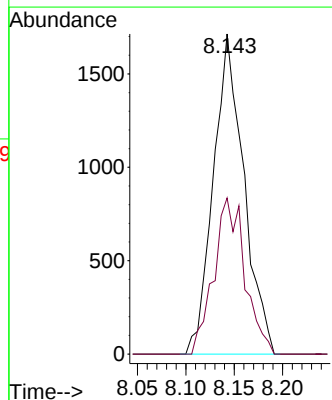
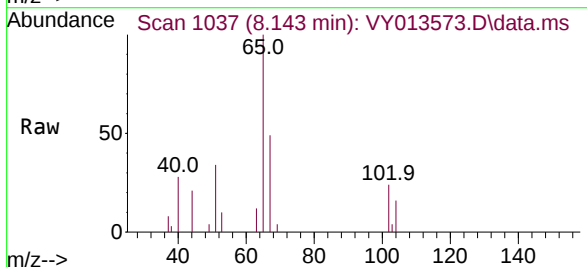
Instrument :
MSVOA_Y
ClientSampleId :
72-11938

Tgt Ion:168 Resp: 2795
Ion Ratio Lower Upper
168 100
99 46.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 122.555 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013573.D
Acq: 03 May 2023 11:52

Tgt Ion: 65 Resp: 3755
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013573.D

Acq: 03 May 2023 11:52

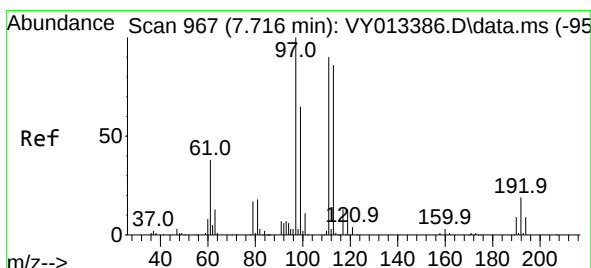
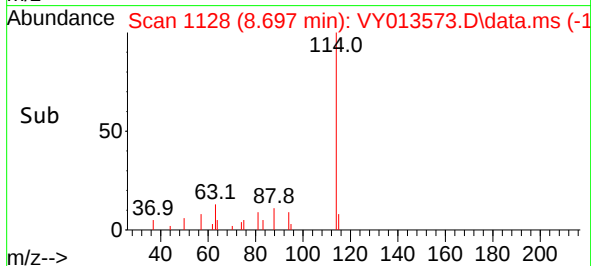
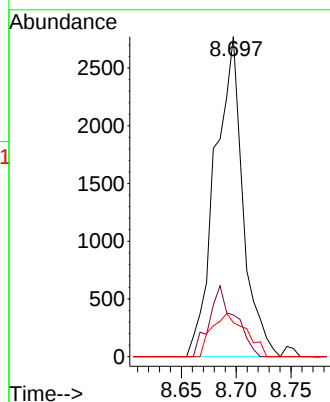
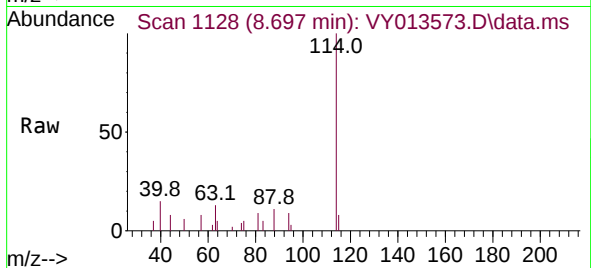
Instrument :

MSVOA_Y

ClientSampleId :

72-11938

Tgt Ion:114	Resp:	4913
Ion	Ratio	Lower Upper
114	100	
63	13.1	0.0 36.6
88	10.7	0.0 28.8



#35

Dibromofluoromethane

Concen: 72.879 ug/l

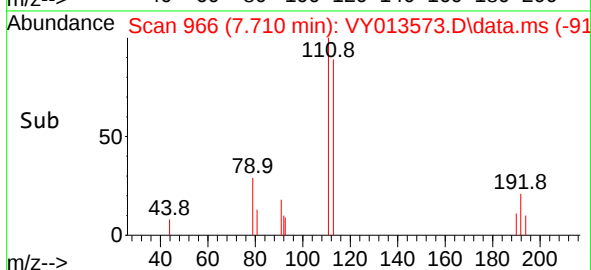
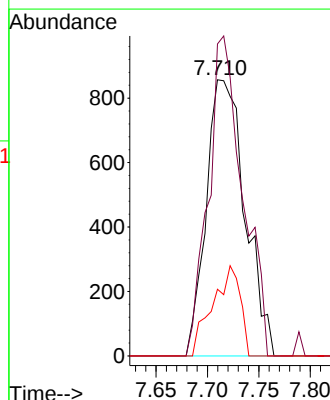
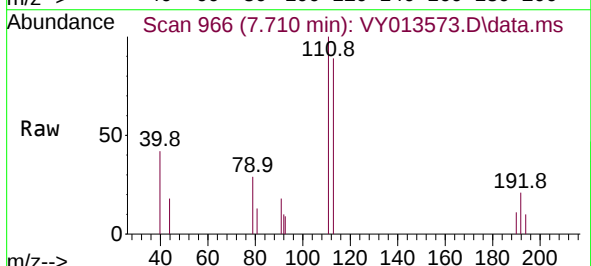
RT: 7.710 min Scan# 966

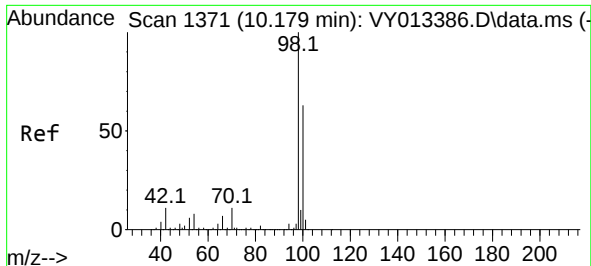
Delta R.T. -0.006 min

Lab File: VY013573.D

Acq: 03 May 2023 11:52

Tgt Ion:113	Resp:	2252
Ion	Ratio	Lower Upper
113	100	
111	102.4	82.2 123.2
192	23.2	16.7 25.1

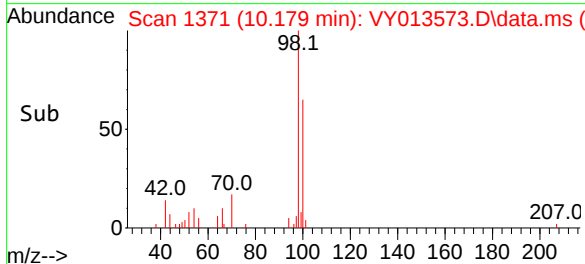
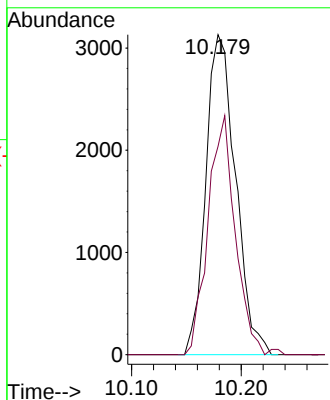
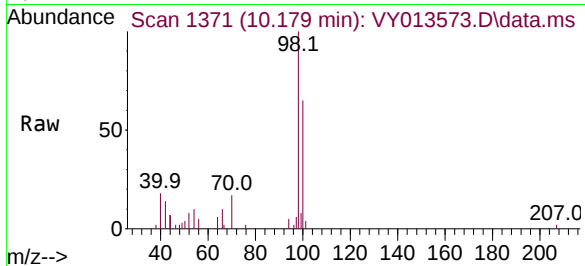




#50
Toluene-d8
Concen: 53.609 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013573.D
Acq: 03 May 2023 11:52

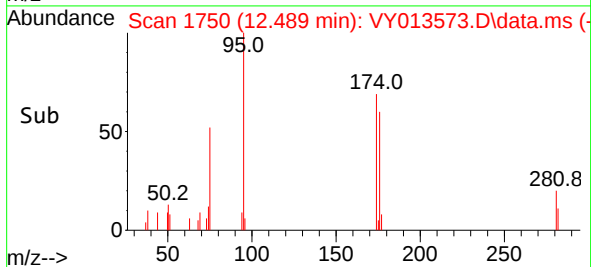
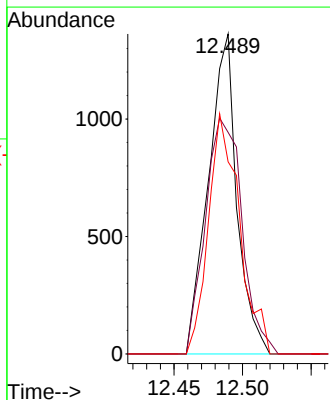
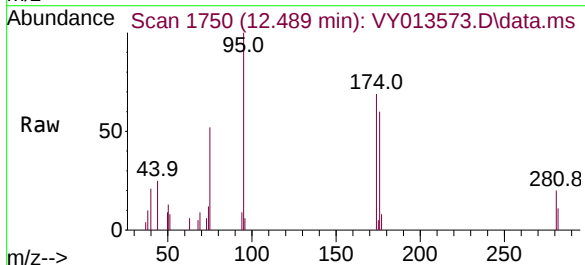
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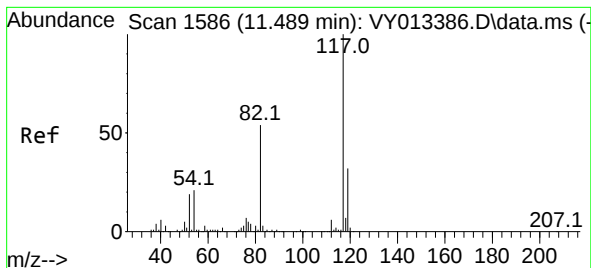
Tgt Ion: 98 Resp: 5893
Ion Ratio Lower Upper
98 100
100 68.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.240 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY013573.D
Acq: 03 May 2023 11:52

Tgt Ion: 95 Resp: 1973
Ion Ratio Lower Upper
95 100
174 94.5 0.0 182.0
176 81.4 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: VY013573.D

Acq: 03 May 2023 11:52

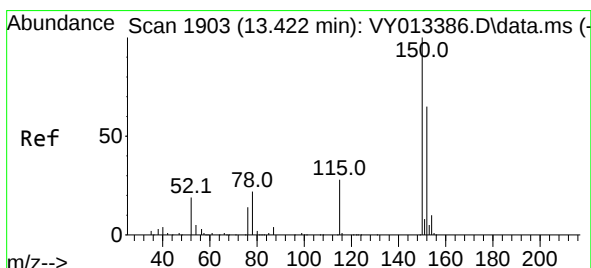
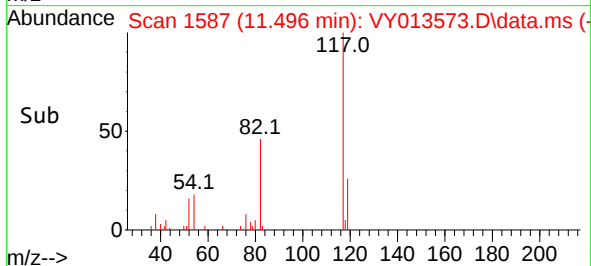
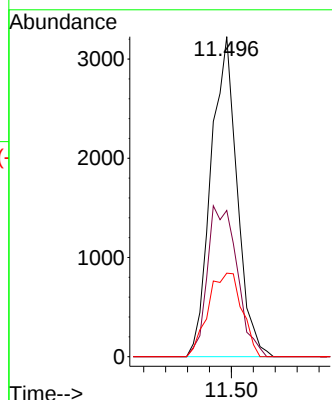
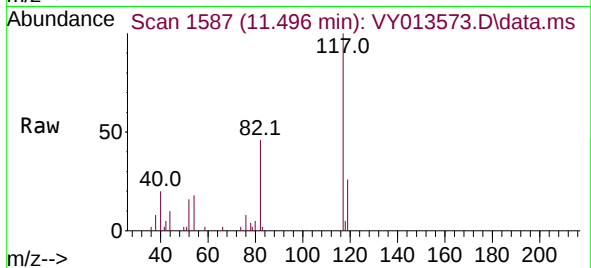
Instrument :

MSVOA_Y

ClientSampleId :

72-11938

Tgt Ion:117	Resp:	5336
Ion	Ratio	Lower Upper
117	100	
82	45.7	43.0 64.6
119	26.1	25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY013573.D

Acq: 03 May 2023 11:52

Tgt Ion:152	Resp:	1501
Ion	Ratio	Lower Upper
152	100	
115	61.5	28.1 84.2
150	164.0	0.0 352.0

