

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020695.D
 Acq On : 23 Dec 2024 16:38
 Operator : SY/MD
 Sample : P5339-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-12182024

Quant Time: Dec 23 16:55:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 15:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	8885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	10461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	6399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	1218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2778	35.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.600%
35) Dibromofluoromethane	7.646	113	2849	46.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.760%
50) Toluene-d8	10.115	98	11467	51.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.414	95	1941	23.903	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	47.800%

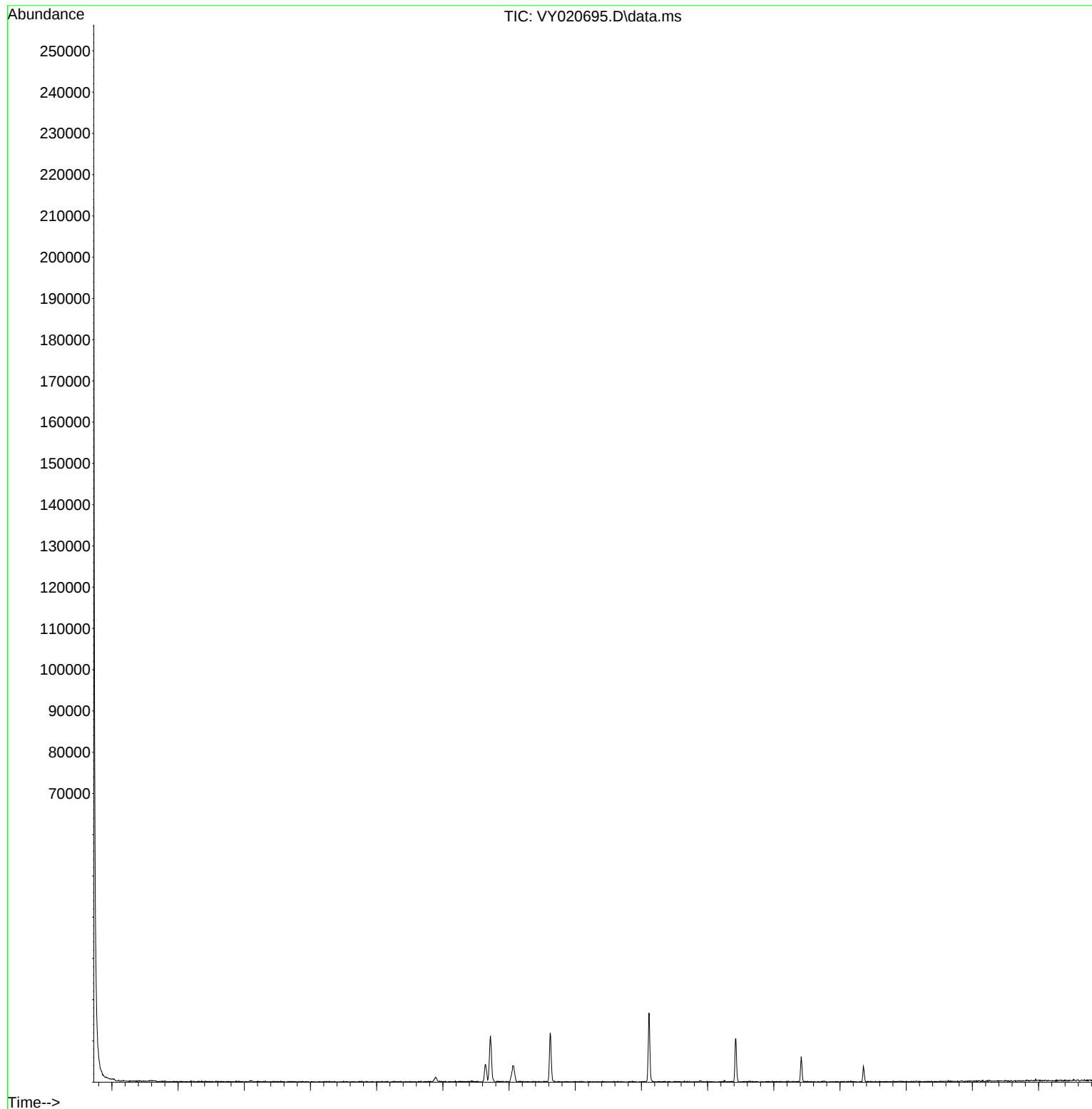
Target Compounds Qvalue

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

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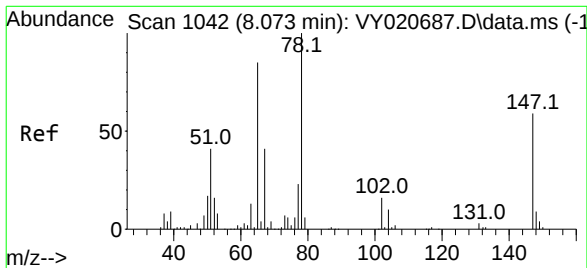
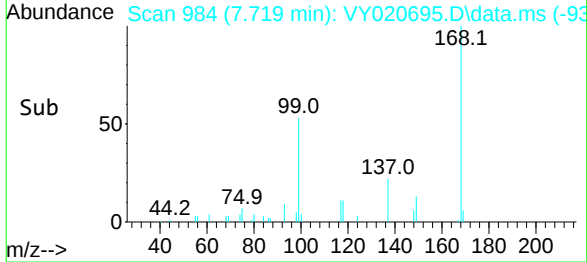
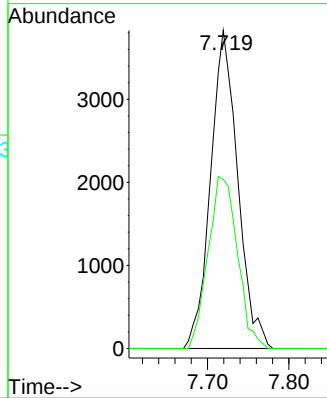
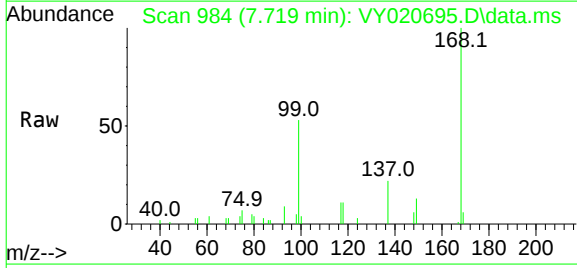




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

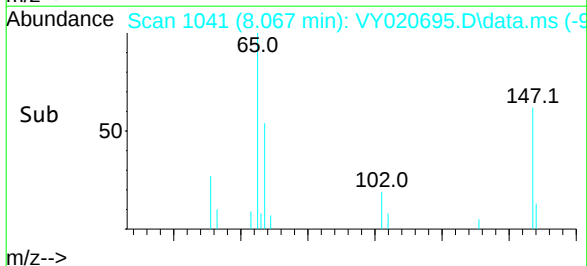
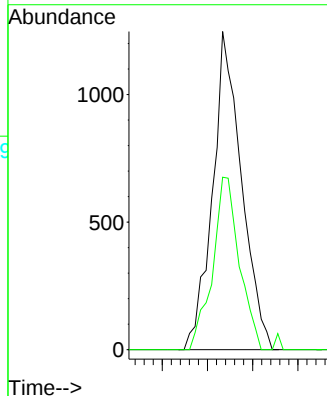
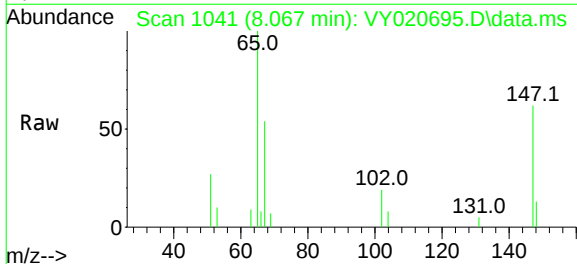
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-12182024

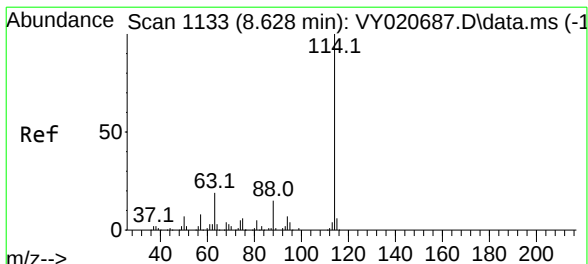
Tgt Ion:168 Resp: 8885
Ion Ratio Lower Upper
168 100
99 53.2 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 35.303 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

Tgt Ion: 65 Resp: 2778
Ion Ratio Lower Upper
65 100
67 50.0 0.0 108.0

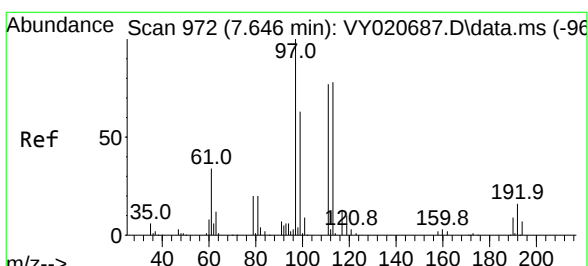
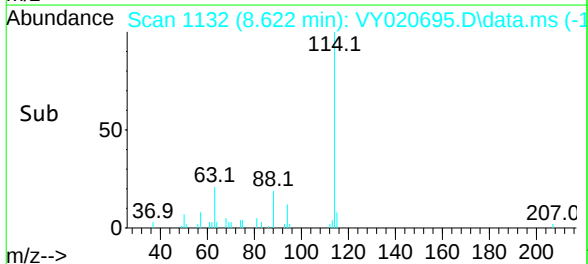
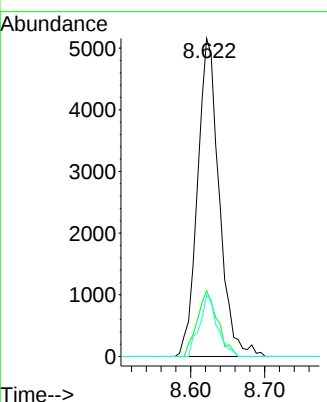
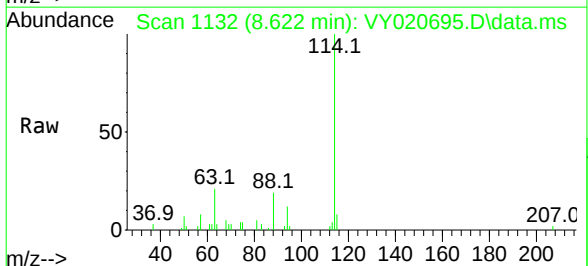




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020695.D
 Acq: 23 Dec 2024 16:38

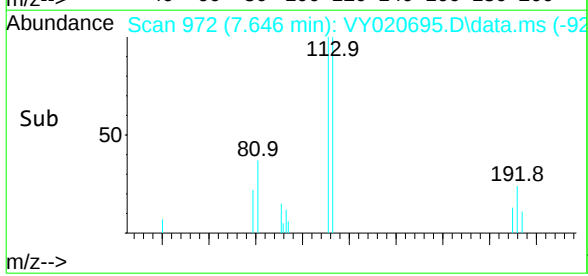
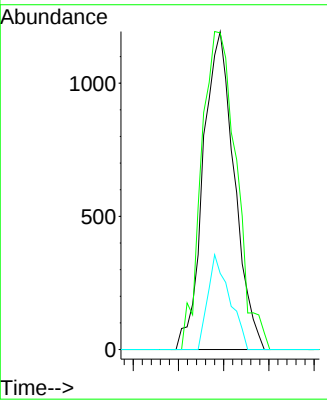
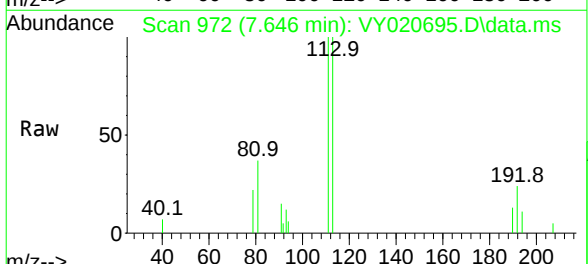
Instrument :
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 TR-06-12182024

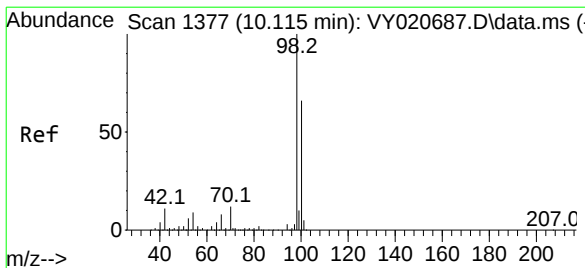
Tgt Ion:	114	Resp:	10461
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.0
88	19.3	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 46.382 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.000 min
 Lab File: VY020695.D
 Acq: 23 Dec 2024 16:38

Tgt Ion:	113	Resp:	2849
Ion	Ratio	Lower	Upper
113	100		
111	111.8	82.9	124.3
192	20.8	15.7	23.5





#50

Toluene-d8

Concen: 51.399 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020695.D

Acq: 23 Dec 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

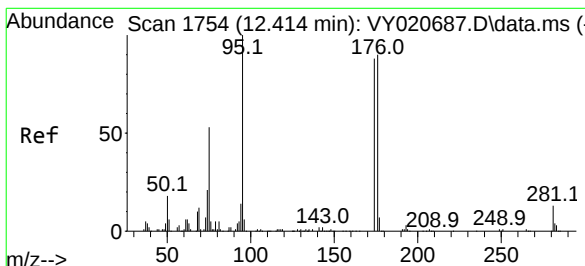
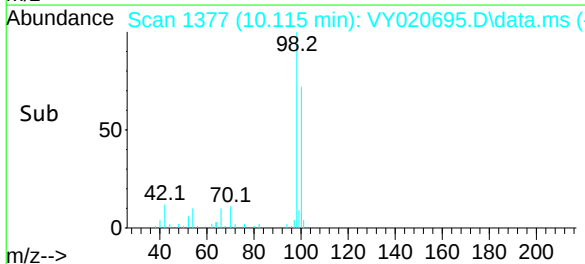
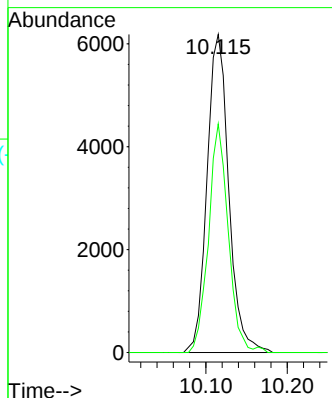
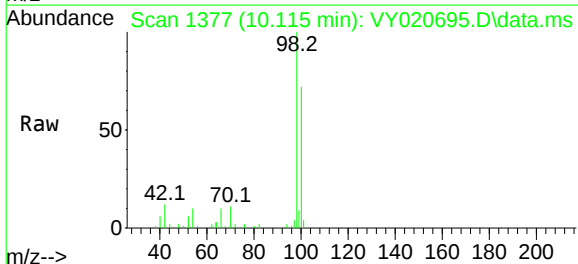
TR-06-12182024

Tgt Ion: 98 Resp: 11467

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 23.903 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020695.D

Acq: 23 Dec 2024 16:38

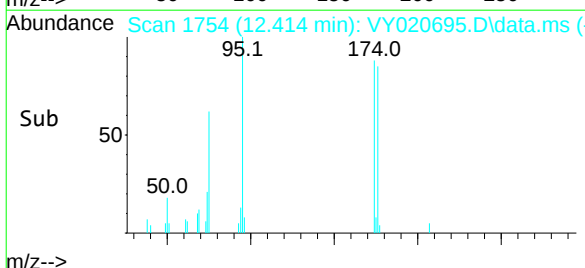
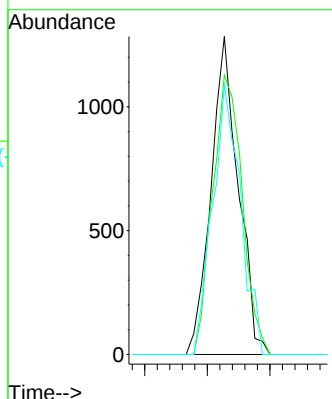
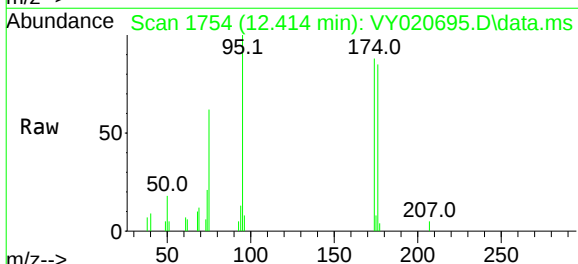
Tgt Ion: 95 Resp: 1941

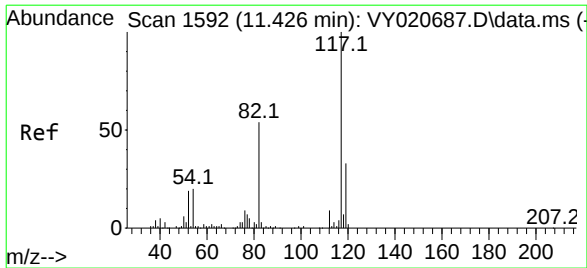
Ion Ratio Lower Upper

95 100

174 95.7 0.0 161.8

176 87.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY020695.D

Acq: 23 Dec 2024 16:38

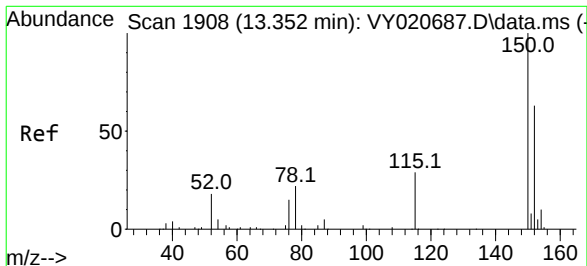
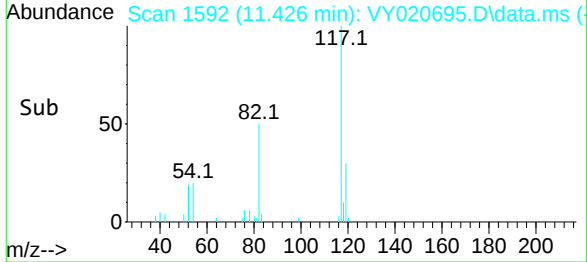
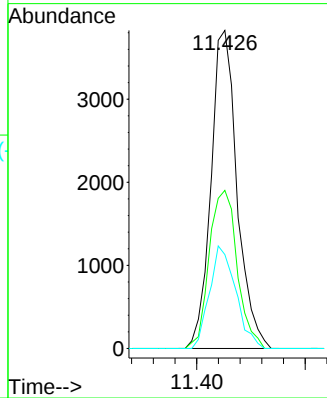
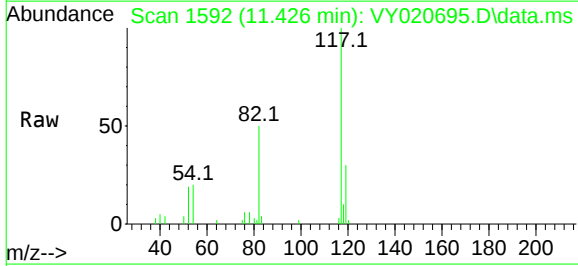
Instrument :

MSVOA_Y

ClientSampleId :

TR-06-12182024

Tgt Ion:	117	Resp:	6399
Ion	Ratio	Lower	Upper
117	100		
82	49.7	45.8	68.6
119	29.5	25.3	37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020695.D

Acq: 23 Dec 2024 16:38

Tgt Ion:	152	Resp:	1218
Ion	Ratio	Lower	Upper
152	100		
115	55.7	30.2	90.6
150	155.3	0.0	355.4

