

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020673.D
 Acq On : 20 Dec 2024 16:07
 Operator : SY/MD
 Sample : P5343-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ281

Quant Time: Dec 20 18:09:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	26	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	275	41.298	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.600%
35) Dibromofluoromethane	7.628	113	300	48.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.109	98	620	28.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	57.640%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#

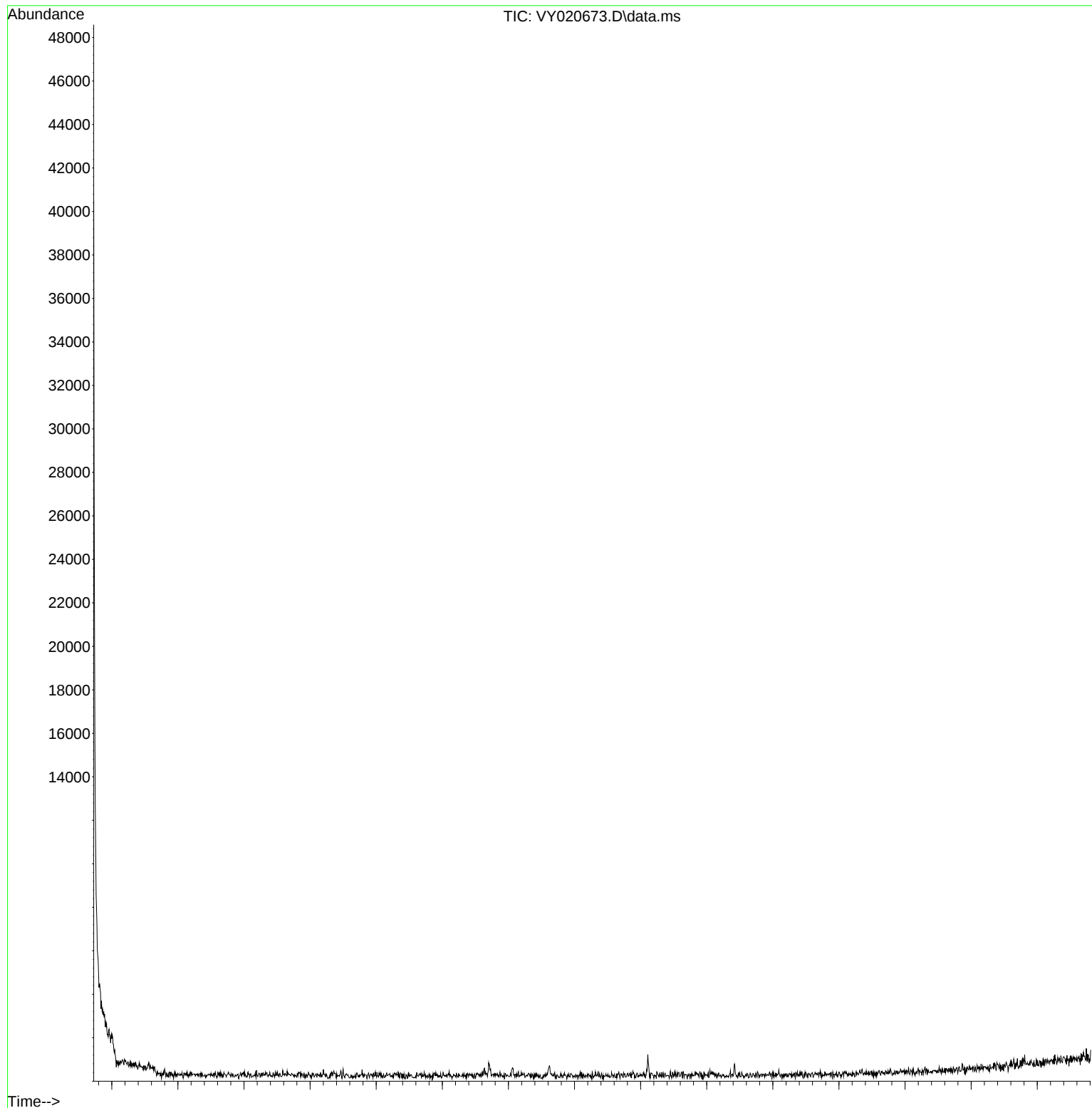
Target Compounds Qvalue

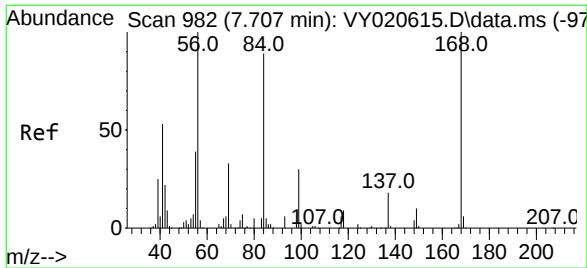
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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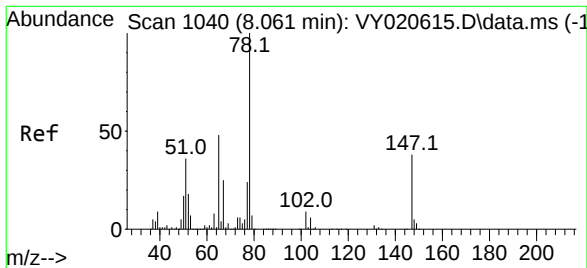
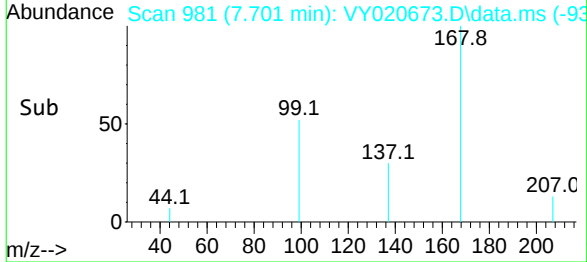
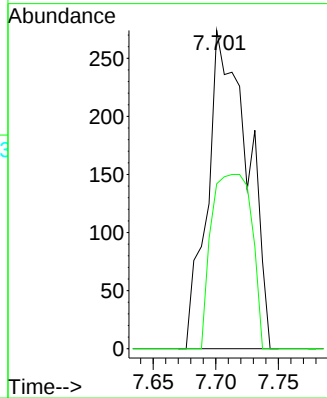
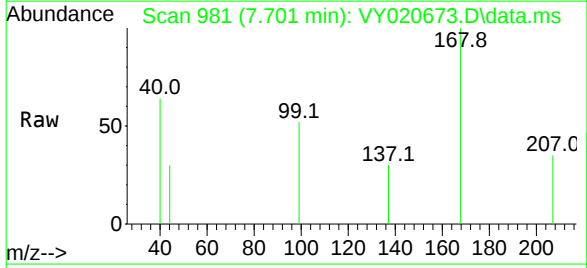




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

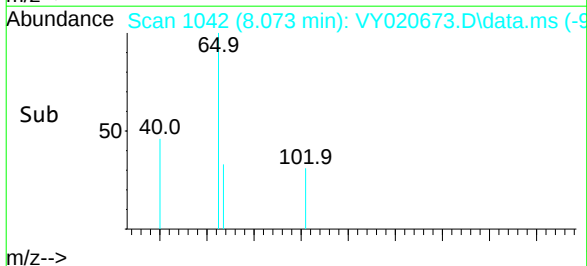
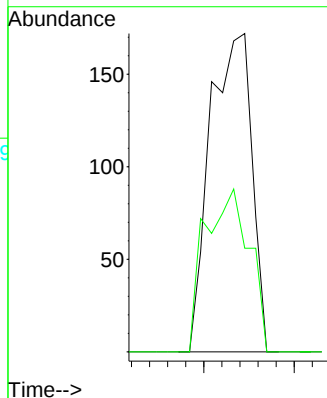
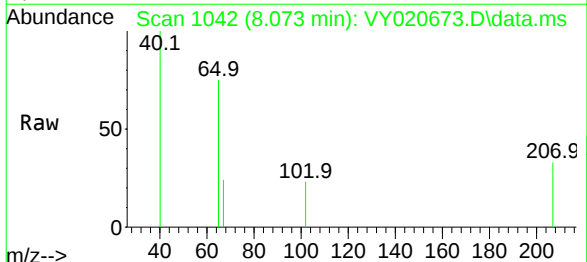
Instrument :
MSVOA_Y
ClientSampleId :
VNJ281

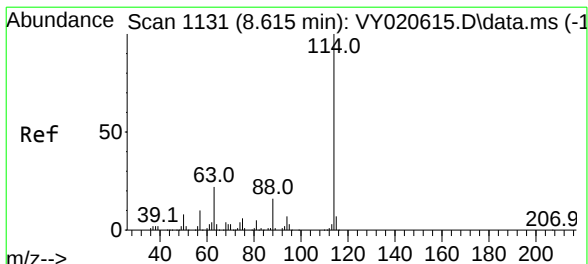
Tgt Ion:168 Resp: 608
Ion Ratio Lower Upper
168 100
99 51.8 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 41.298 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Tgt Ion: 65 Resp: 275
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.0

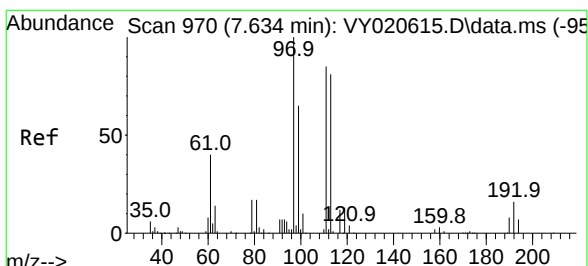
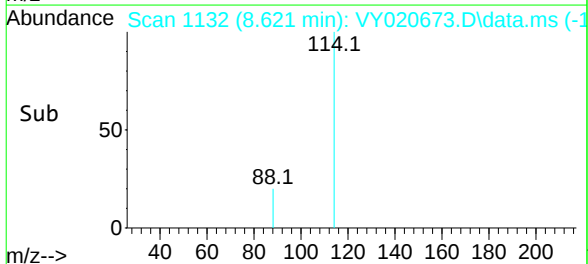
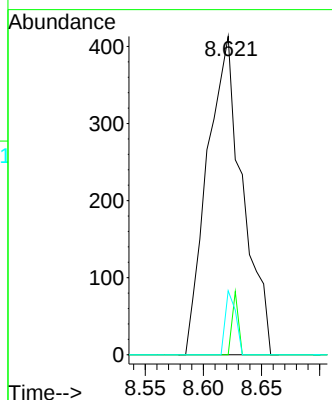
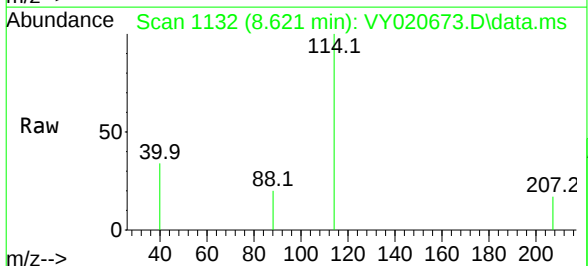




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

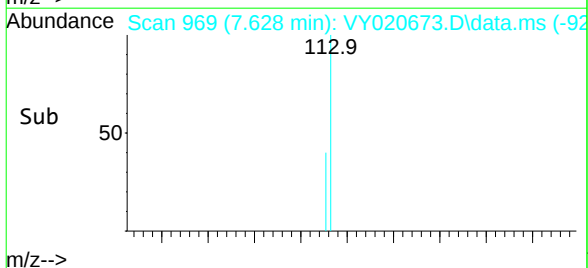
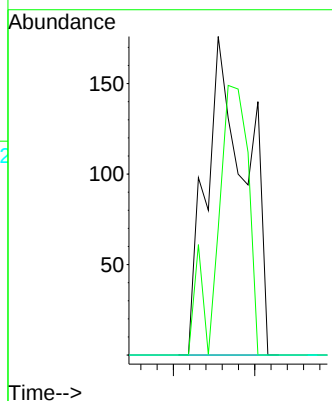
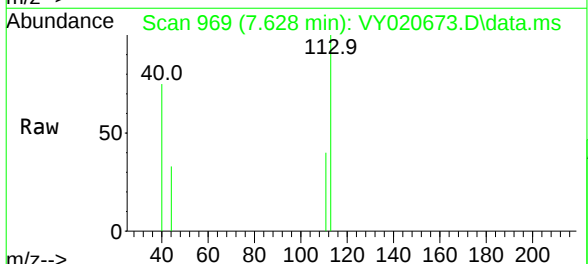
Instrument :
MSVOA_Y
ClientSampleId :
VNJ281

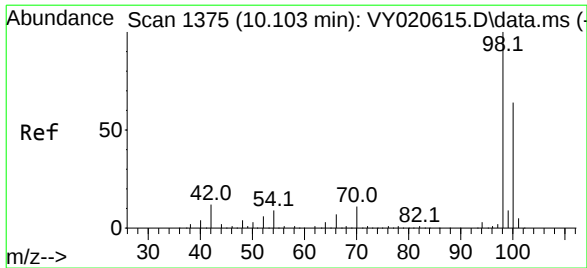
Tgt Ion:	114	Resp:	872
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	44.0
88	20.1	0.0	32.8



#35
Dibromofluoromethane
Concen: 48.815 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Tgt Ion:	113	Resp:	300
Ion	Ratio	Lower	Upper
113	100		
111	65.7	82.9	124.3#
192	0.0	15.7	23.5#





#50

Toluene-d8

Concen: 28.823 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

Instrument :

MSVOA_Y

ClientSampleId :

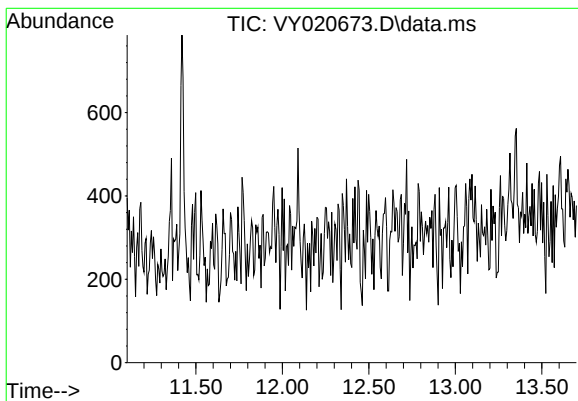
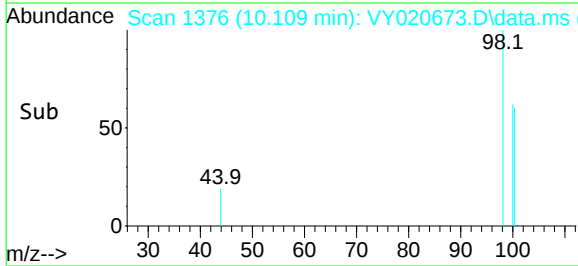
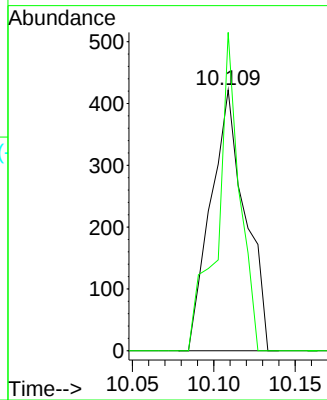
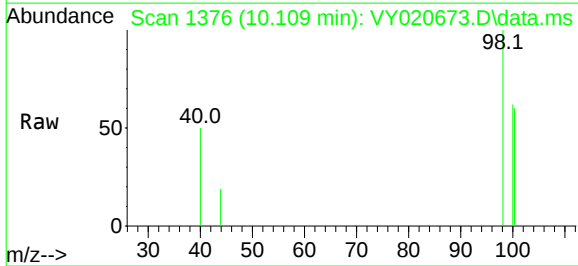
VNJ281

Tgt Ion: 98 Resp: 620

Ion Ratio Lower Upper

98 100

100 79.2 52.1 78.1#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

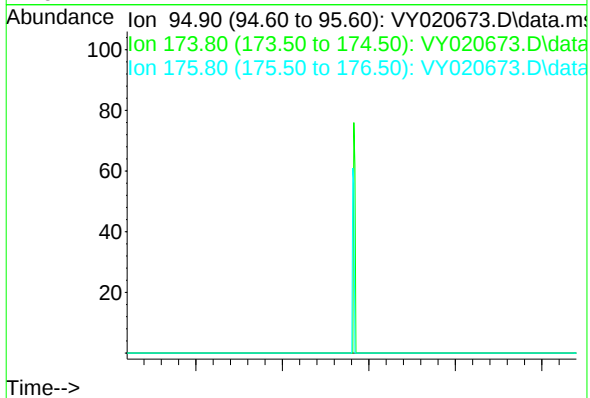
Tgt Ion: 95

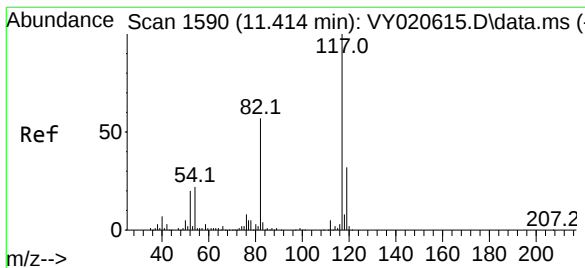
Sig Exp Ratio

95 100

174 80.9

176 78.3





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

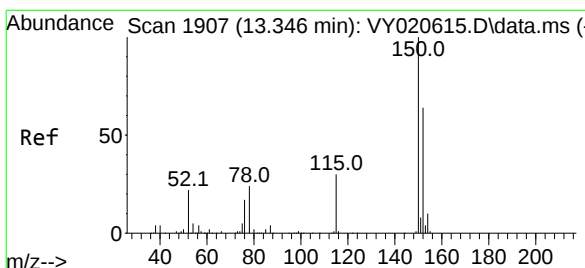
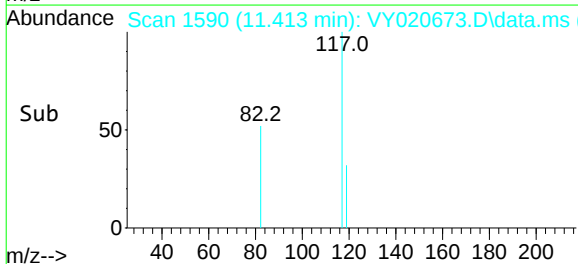
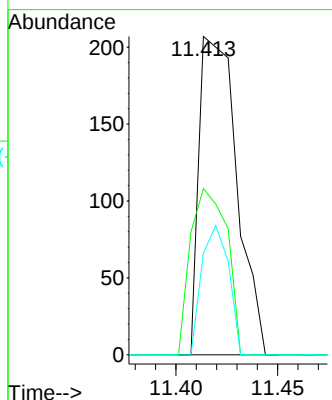
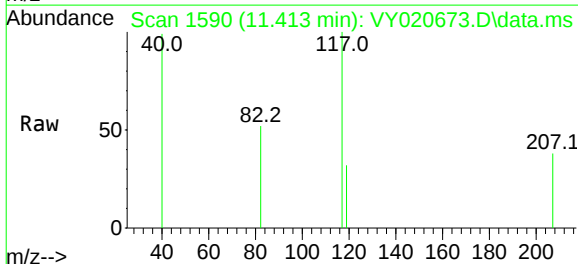
Instrument :

MSVOA_Y

ClientSampleId :

VNJ281

Tgt Ion:	117	Resp:	267
Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.8	68.6
119	31.9	25.3	37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

Tgt Ion:	152	Resp:	26
Ion	Ratio	Lower	Upper
152	100		
115	215.4	30.2	90.6#
150	384.6	0.0	355.4#

