

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020166.D
 Acq On : 05 Nov 2024 14:55
 Operator : SY/MD
 Sample : P4697-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Nov 06 00:26:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	5138	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	9436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	6489	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	811	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	3300	51.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.920%
35) Dibromofluoromethane	7.628	113	3043	50.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.440%
50) Toluene-d8	10.109	98	11044	46.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.408	95	1539	19.841	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.680%

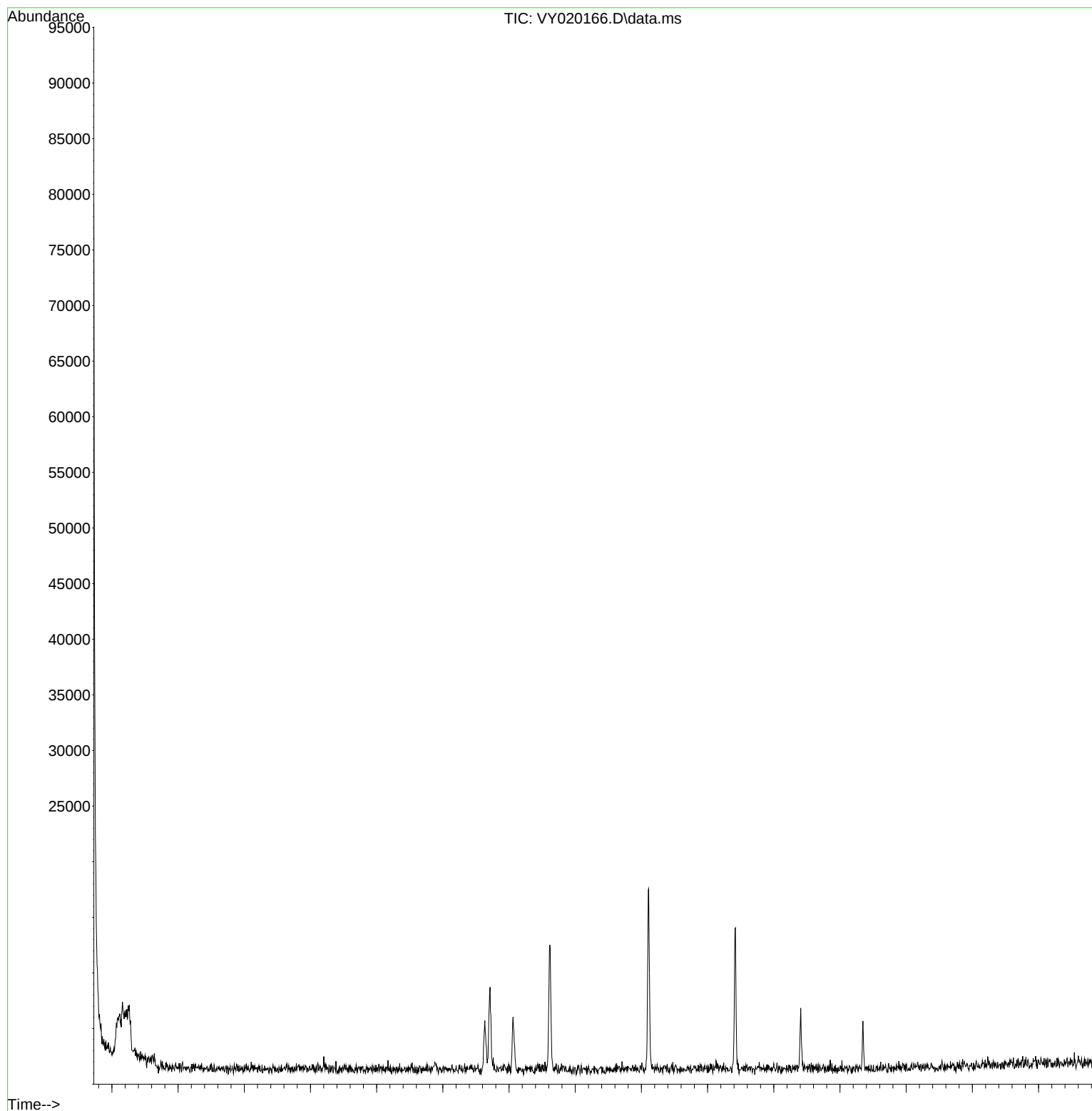
Target Compounds Qvalue

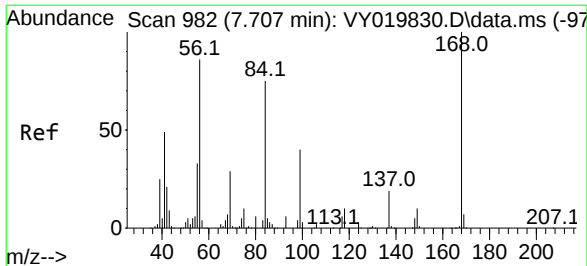
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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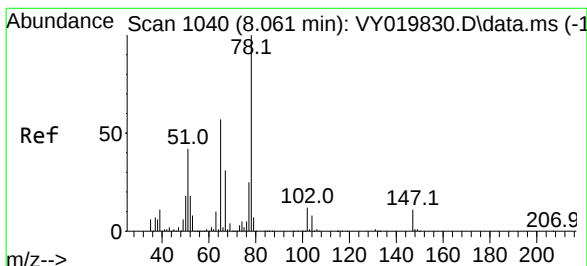
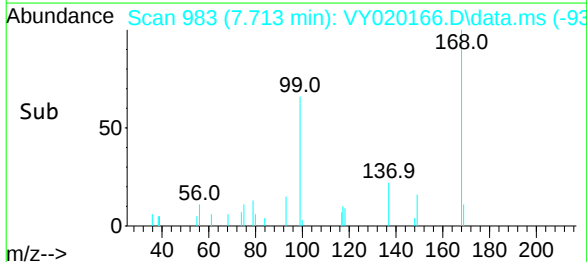
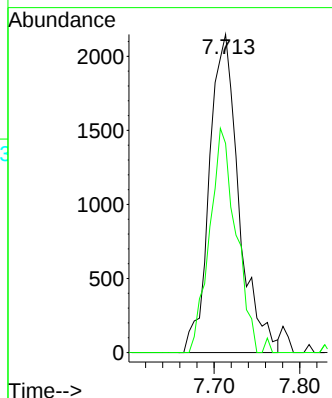
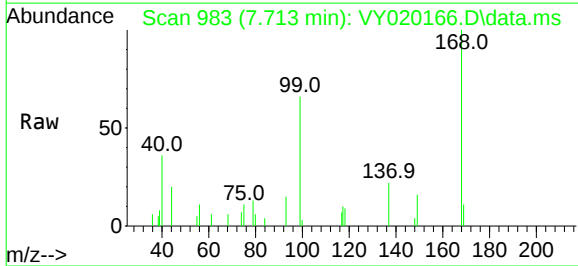




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020166.D
Acq: 05 Nov 2024 14:55

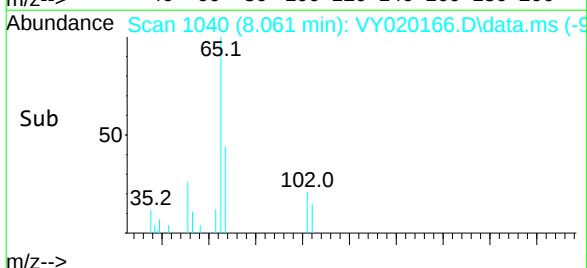
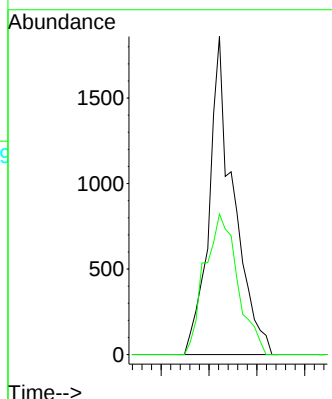
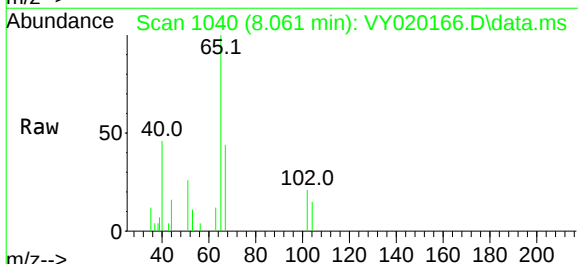
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 168 Resp: 5138
Ion Ratio Lower Upper
168 100
99 65.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 51.462 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020166.D
Acq: 05 Nov 2024 14:55

Tgt Ion: 65 Resp: 3300
Ion Ratio Lower Upper
65 100
67 59.5 0.0 109.6

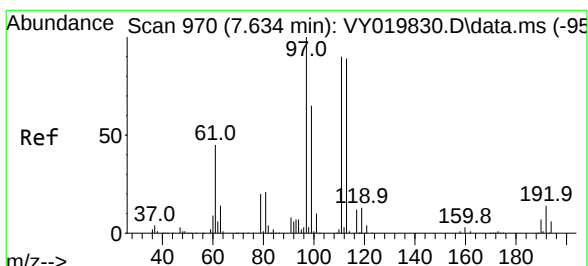
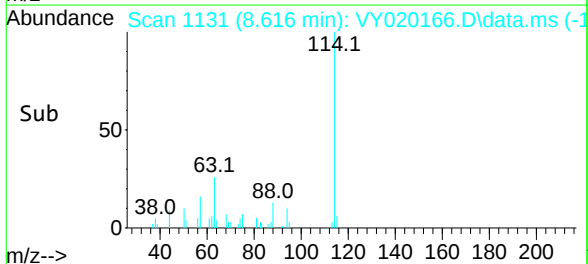
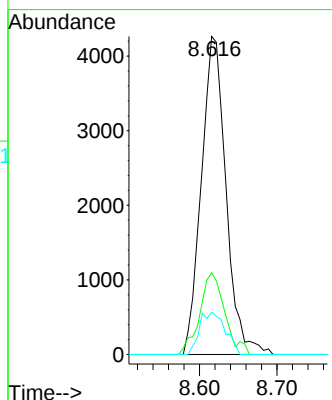
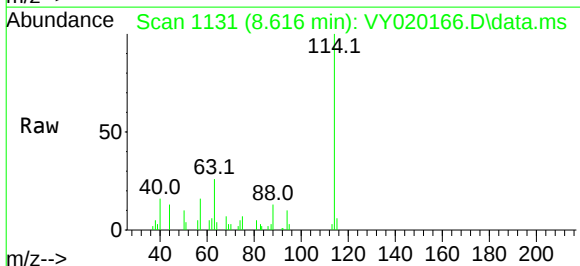




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020166.D
Acq: 05 Nov 2024 14:55

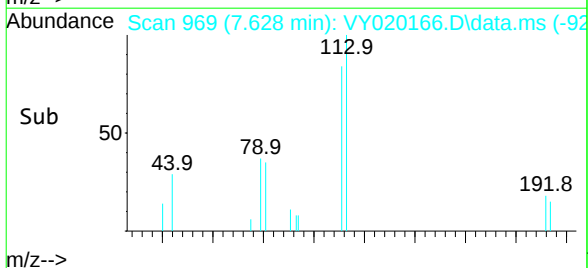
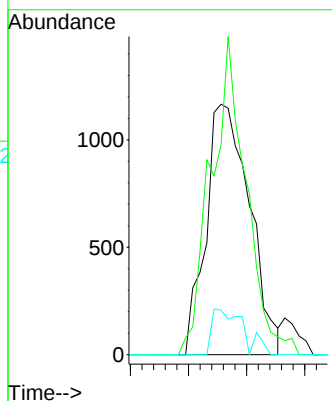
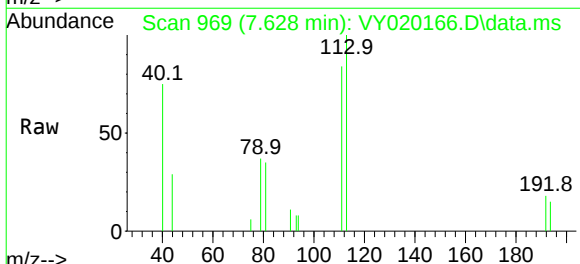
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

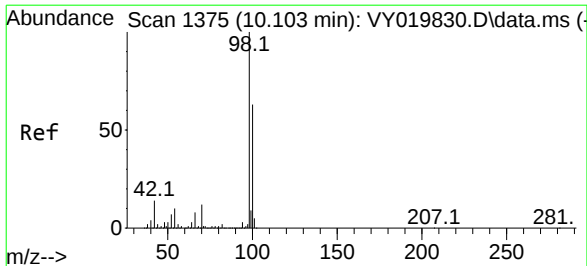
Tgt Ion:	114	Resp:	9436
Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	35.0
88	13.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.722 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020166.D
Acq: 05 Nov 2024 14:55

Tgt Ion:	113	Resp:	3043
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	13.2	15.9	23.9





#50

Toluene-d8

Concen: 46.247 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020166.D

Acq: 05 Nov 2024 14:55

Instrument :

MSVOA_Y

ClientSampleId :

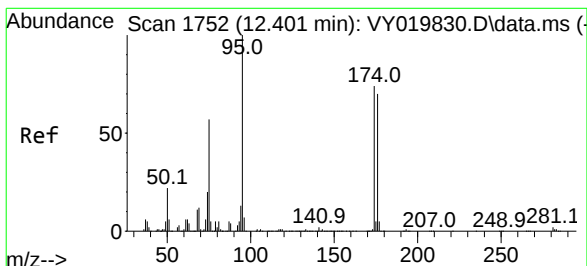
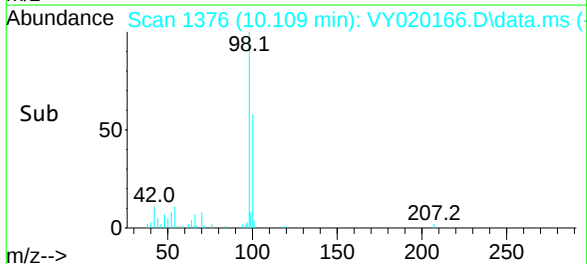
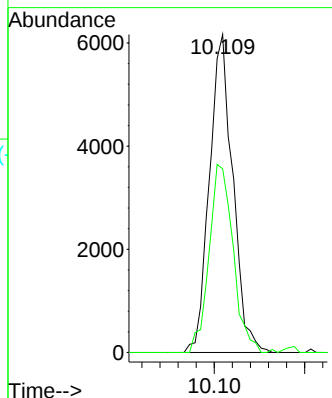
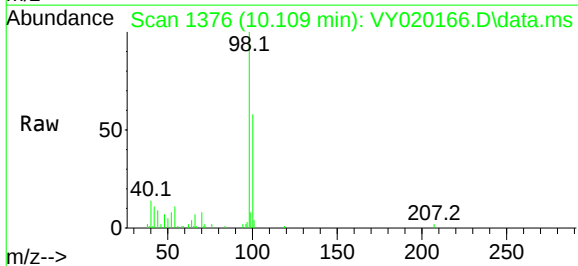
TP-1

Tgt Ion: 98 Resp: 11044

Ion Ratio Lower Upper

98 100

100 60.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 19.841 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020166.D

Acq: 05 Nov 2024 14:55

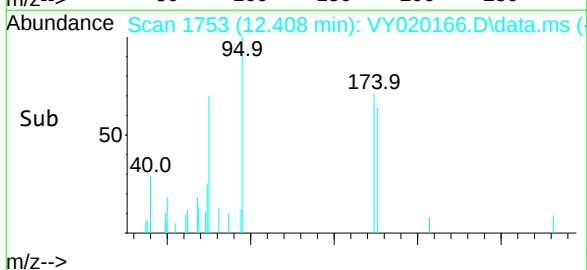
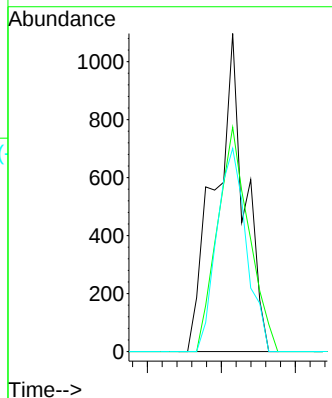
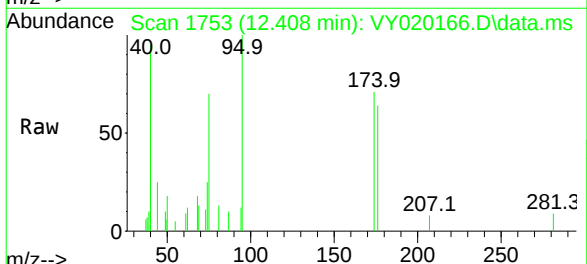
Tgt Ion: 95 Resp: 1539

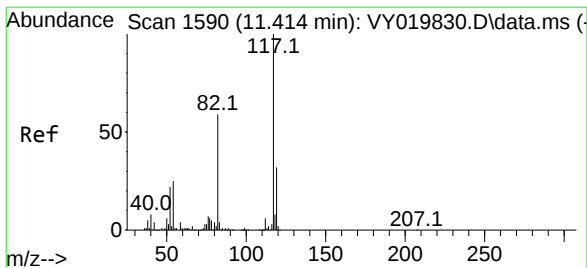
Ion Ratio Lower Upper

95 100

174 74.3 0.0 175.6

176 63.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020166.D

Acq: 05 Nov 2024 14:55

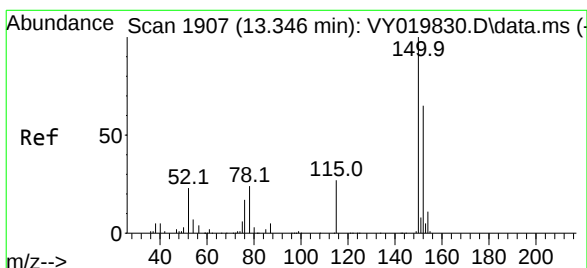
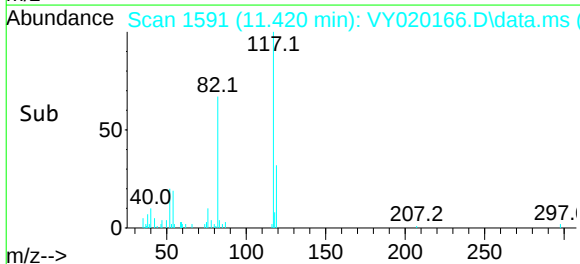
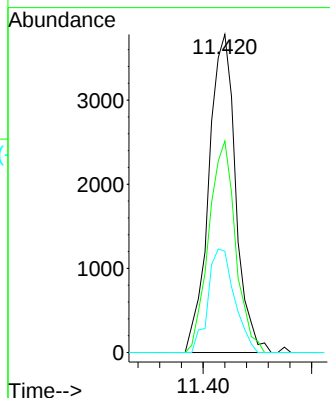
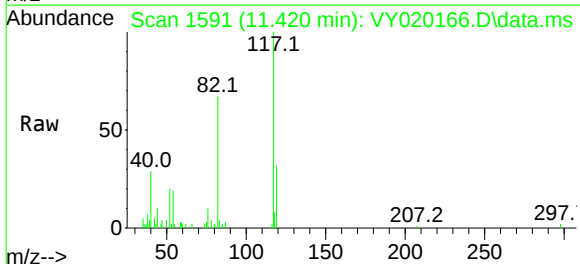
Instrument :

MSVOA_Y

ClientSampleId :

TP-1

Tgt Ion:	117	Resp:	6489
Ion	Ratio	Lower	Upper
117	100		
82	66.5	42.4	63.6
119	31.8	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020166.D

Acq: 05 Nov 2024 14:55

Tgt Ion:	152	Resp:	811
Ion	Ratio	Lower	Upper
152	100		
115	75.1	28.2	84.7
150	165.7	0.0	345.6

