

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018146.D
 Acq On : 03 May 2024 16:33
 Operator : SY/MD
 Sample : P2331-16
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: May 06 03:00:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	10550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10116	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3643	43.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.620%
35) Dibromofluoromethane	7.716	113	3901	47.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.520%
50) Toluene-d8	10.179	98	15069	46.762	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.483	95	3420	30.838	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.680%

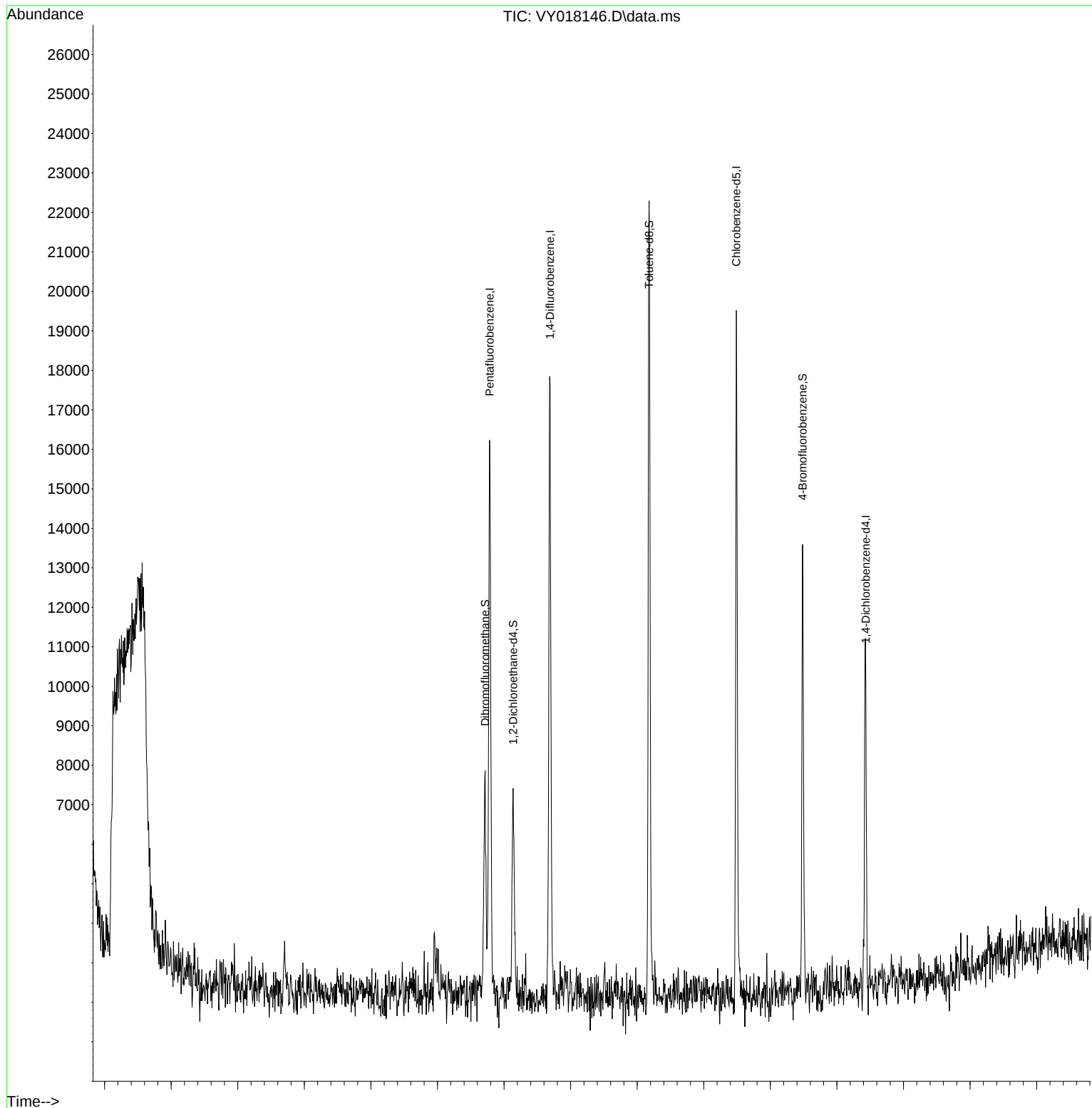
Target Compounds Qvalue

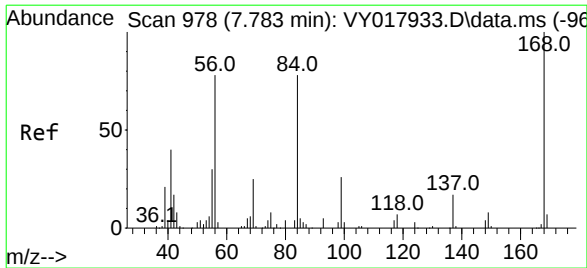
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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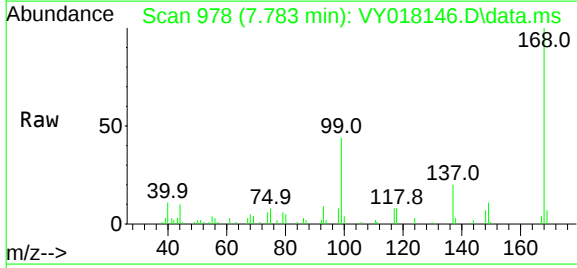
Quant Time: May 06 03:00:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
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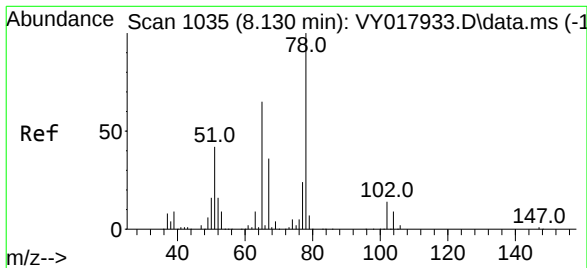
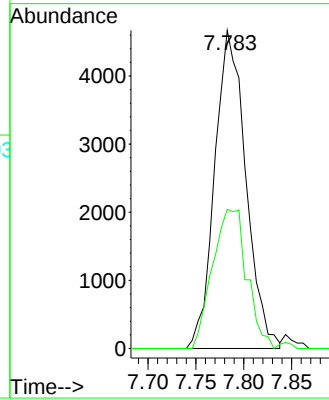
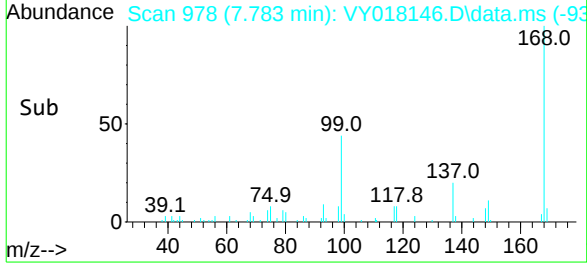


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018146.D
Acq: 03 May 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

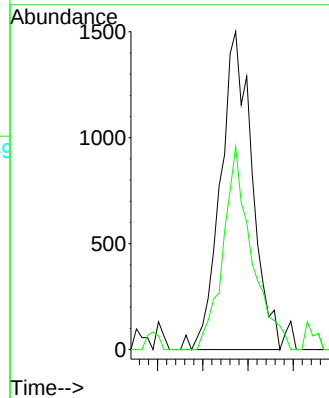
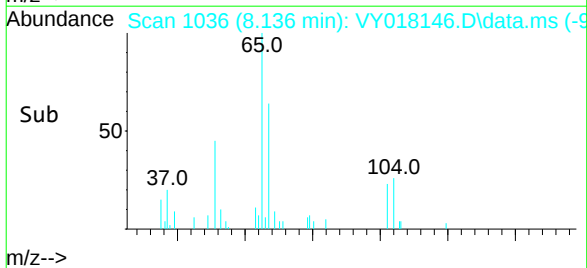
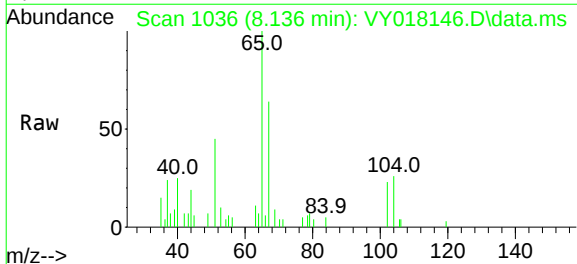


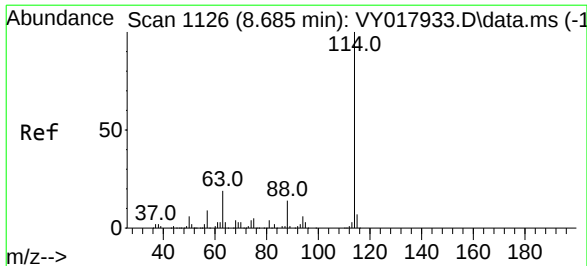
Tgt Ion:168 Resp: 10550
Ion Ratio Lower Upper
168 100
99 43.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.808 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018146.D
Acq: 03 May 2024 16:33

Tgt Ion: 65 Resp: 3643
Ion Ratio Lower Upper
65 100
67 57.8 0.0 109.6

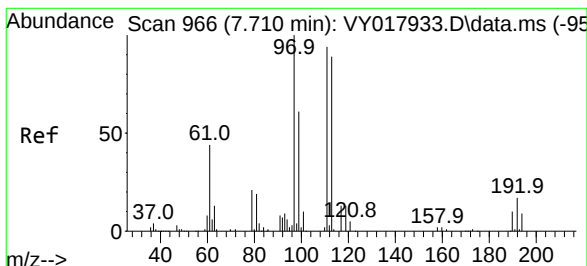
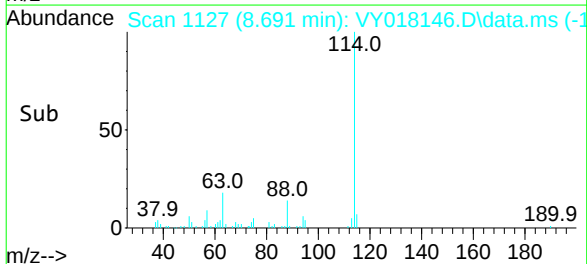
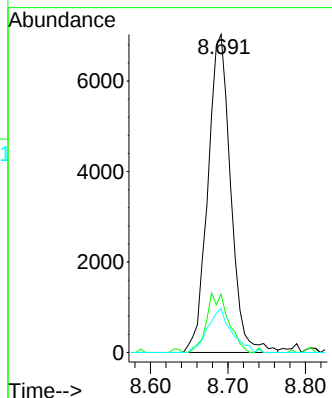
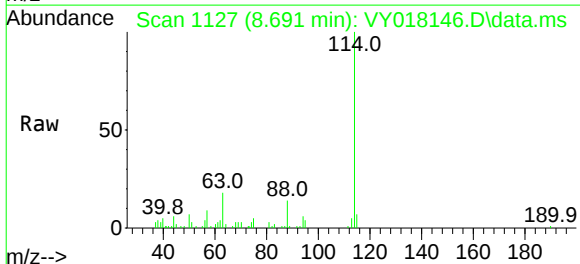




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018146.D
Acq: 03 May 2024 16:33

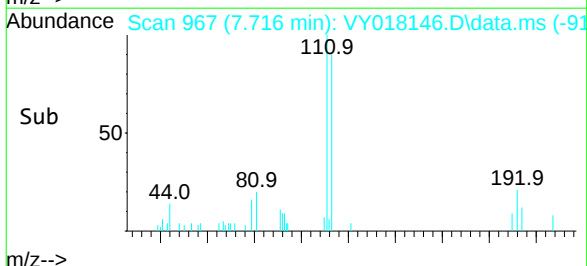
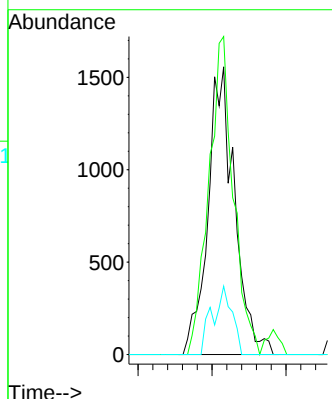
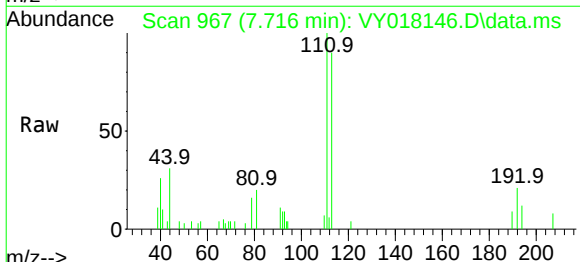
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

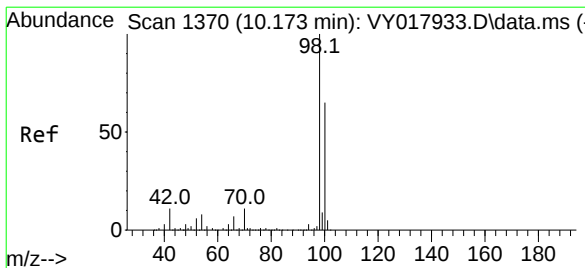
Tgt Ion:	114	Resp:	14364
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	35.0
88	13.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 47.259 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018146.D
Acq: 03 May 2024 16:33

Tgt Ion:	113	Resp:	3901
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.2	123.4
192	17.4	15.9	23.9





#50

Toluene-d8

Concen: 46.762 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018146.D

Acq: 03 May 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

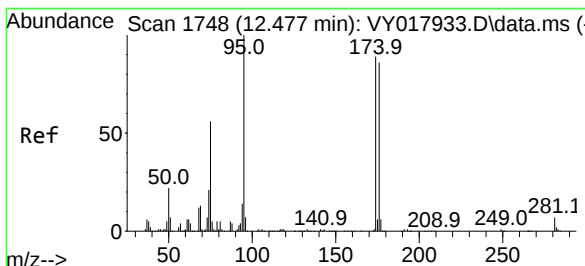
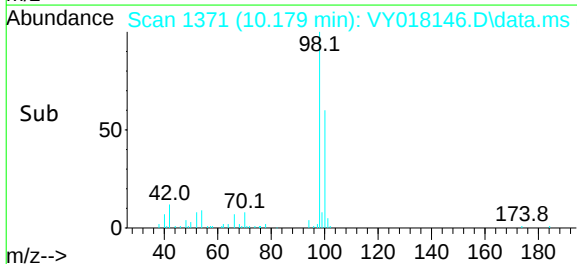
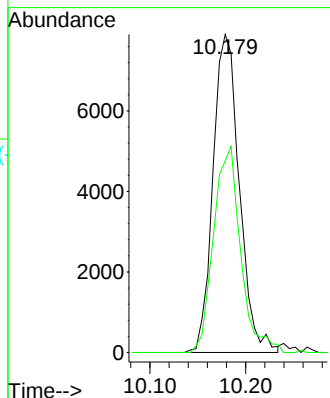
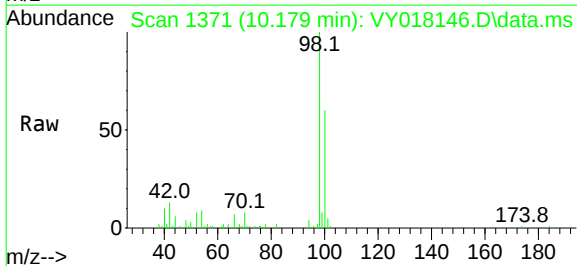
TP-4

Tgt Ion: 98 Resp: 15069

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.838 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018146.D

Acq: 03 May 2024 16:33

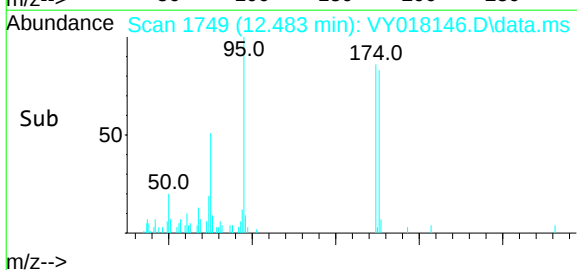
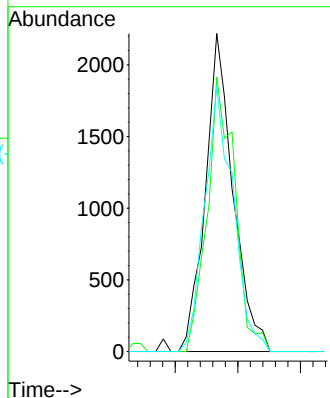
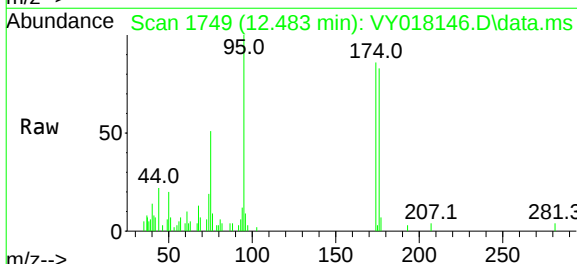
Tgt Ion: 95 Resp: 3420

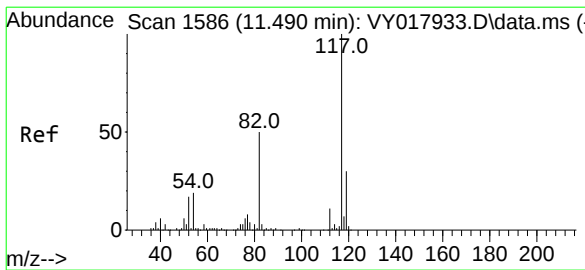
Ion Ratio Lower Upper

95 100

174 85.8 0.0 175.6

176 85.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018146.D

Acq: 03 May 2024 16:33

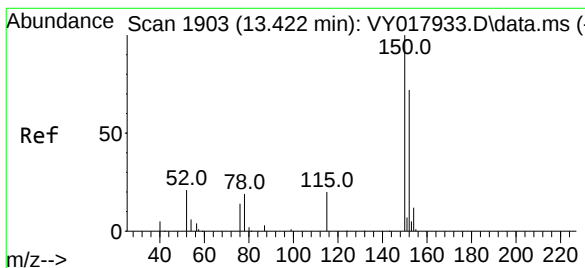
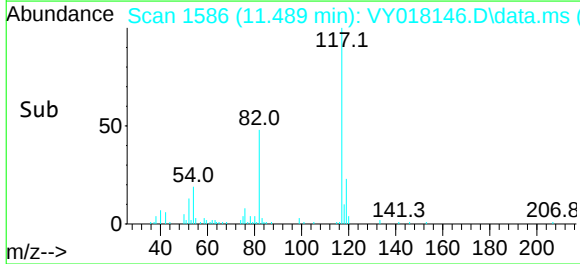
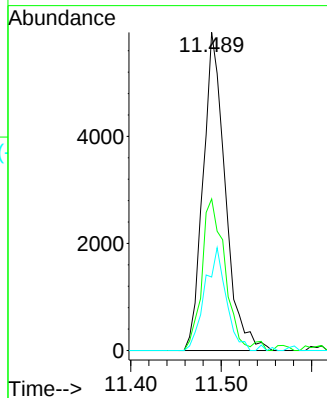
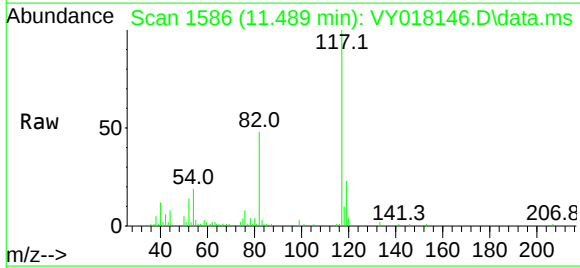
Instrument :

MSVOA_Y

ClientSampleId :

TP-4

Tgt Ion:	117	Resp:	10116
Ion	Ratio	Lower	Upper
117	100		
82	47.6	42.4	63.6
119	23.1	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY018146.D

Acq: 03 May 2024 16:33

Tgt Ion:	152	Resp:	2477
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	160.2	0.0	345.6

