

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018138.D
 Acq On : 03 May 2024 13:22
 Operator : SY/MD
 Sample : P2331-16
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: May 06 02:56:39 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	130932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51739	50.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.260%
35) Dibromofluoromethane	7.710	113	61635	47.848	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.179	98	243126	48.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.700%
62) 4-Bromofluorobenzene	12.483	95	70572	40.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.560%

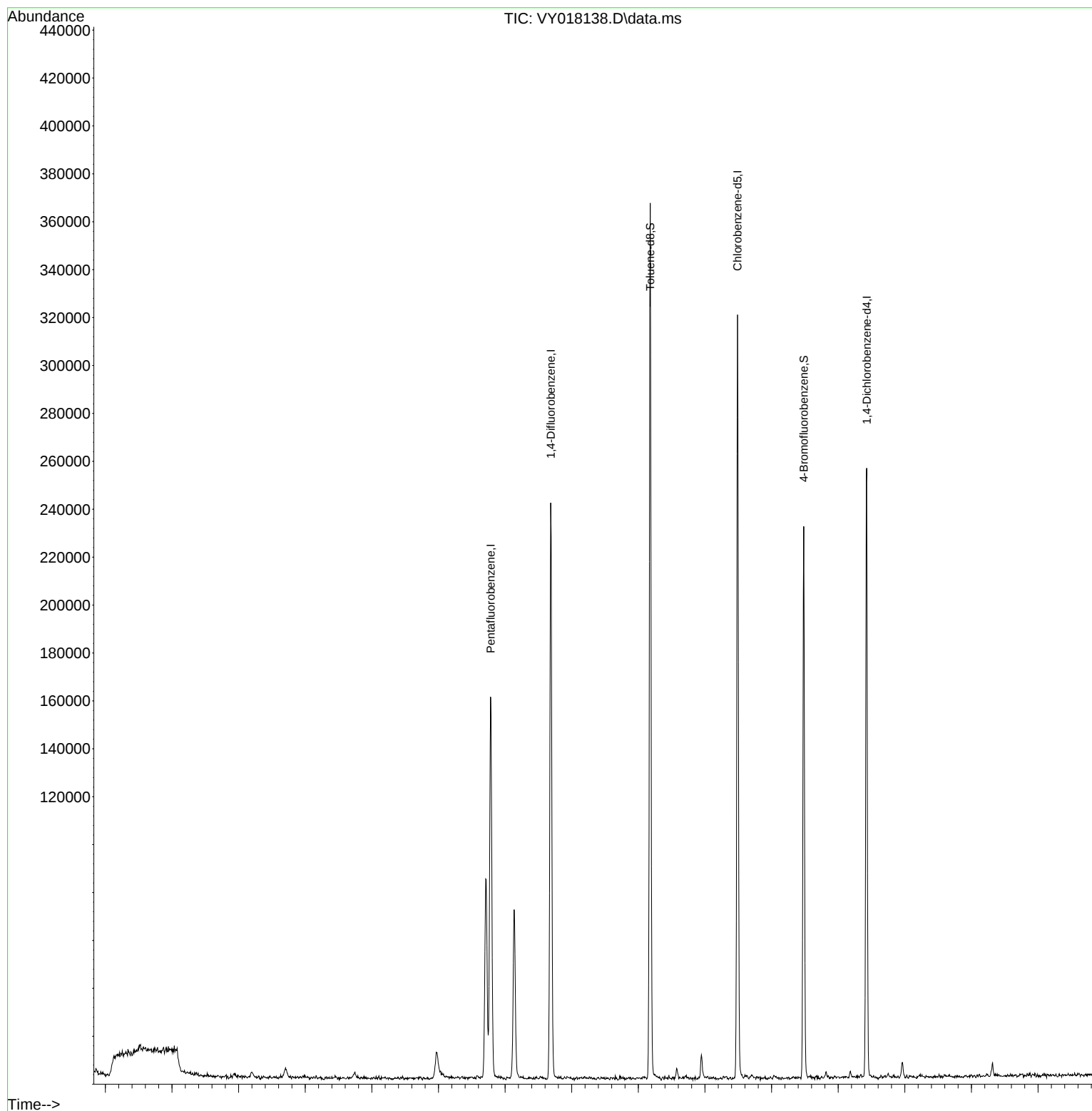
Target Compounds	Qvalue

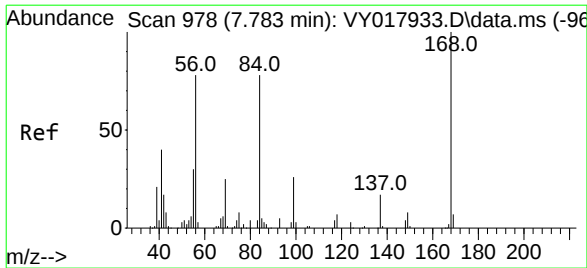
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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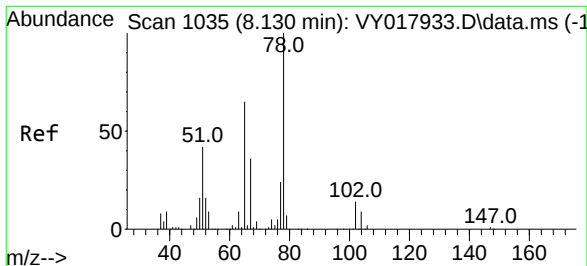
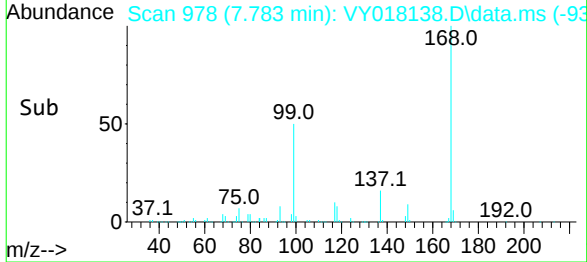
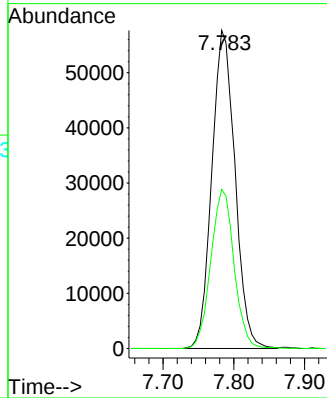
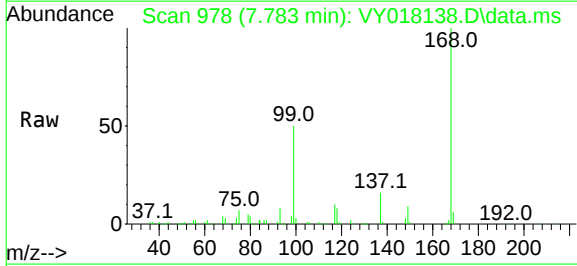




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018138.D
Acq: 03 May 2024 13:22

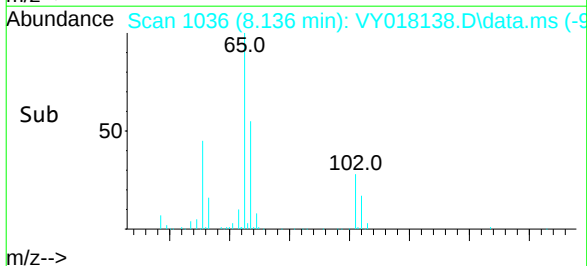
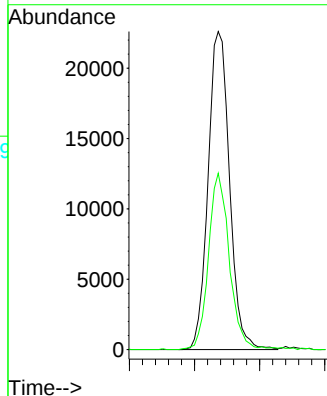
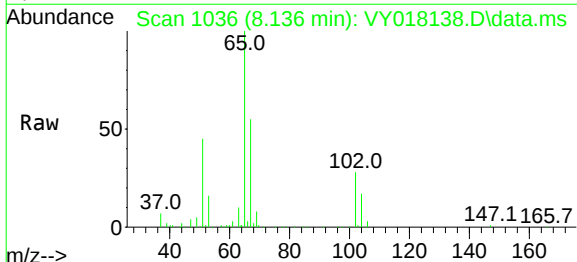
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

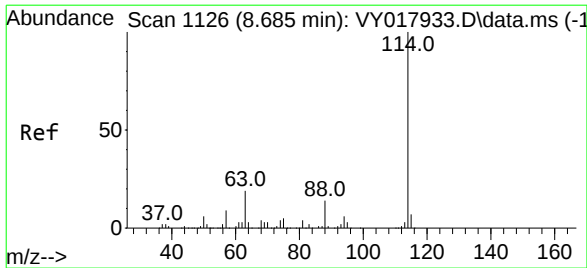
Tgt Ion:168 Resp: 130932
Ion Ratio Lower Upper
168 100
99 50.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.132 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018138.D
Acq: 03 May 2024 13:22

Tgt Ion: 65 Resp: 51739
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

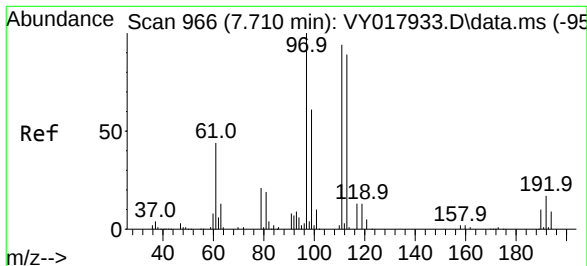
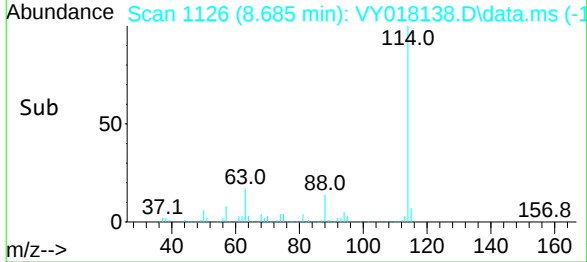
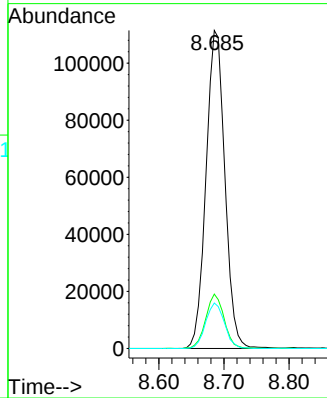
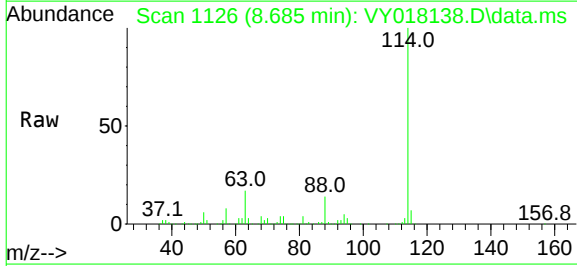




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018138.D
Acq: 03 May 2024 13:22

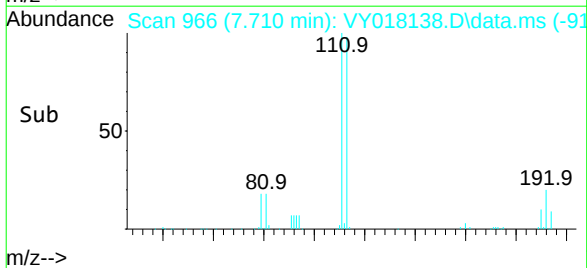
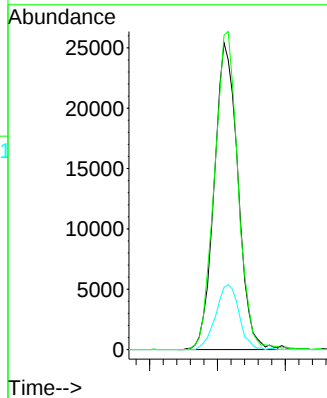
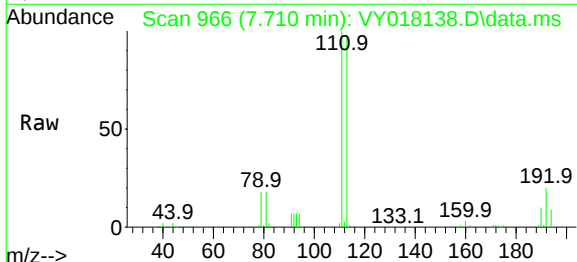
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

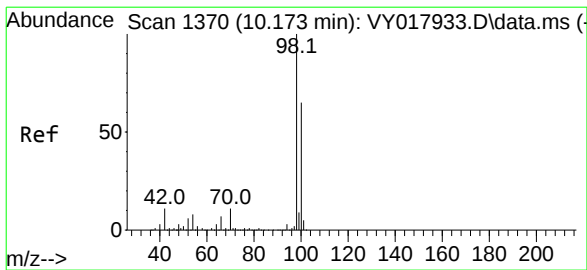
Tgt Ion:	114	Resp:	224152
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.0
88	14.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 47.848 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018138.D
Acq: 03 May 2024 13:22

Tgt Ion:	113	Resp:	61635
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	20.8	15.9	23.9





#50

Toluene-d8

Concen: 48.347 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018138.D

Acq: 03 May 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :

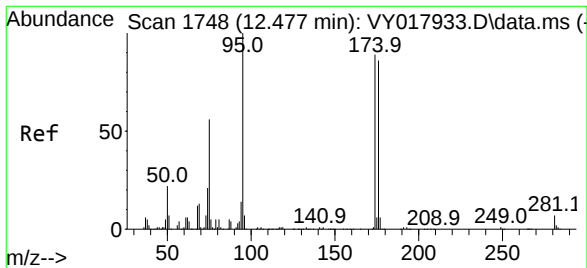
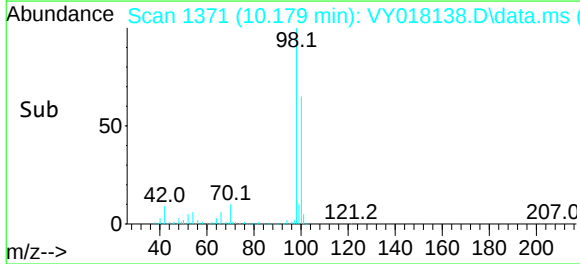
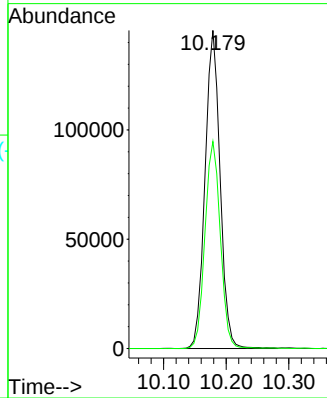
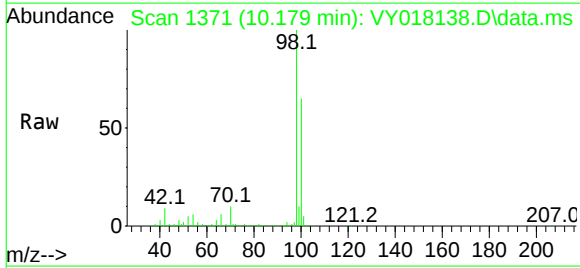
TP-4

Tgt Ion: 98 Resp: 243126

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.779 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018138.D

Acq: 03 May 2024 13:22

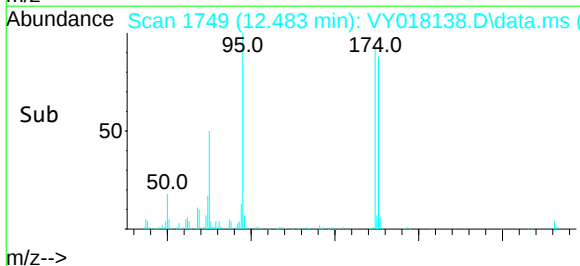
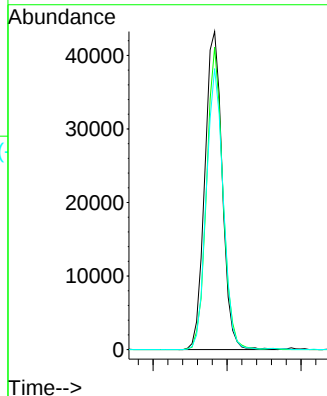
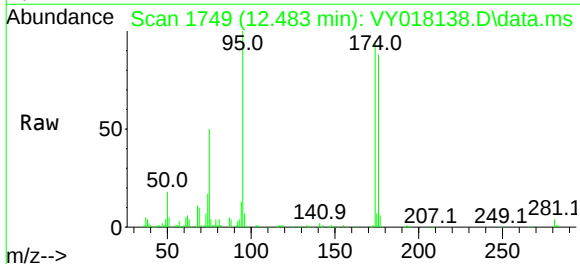
Tgt Ion: 95 Resp: 70572

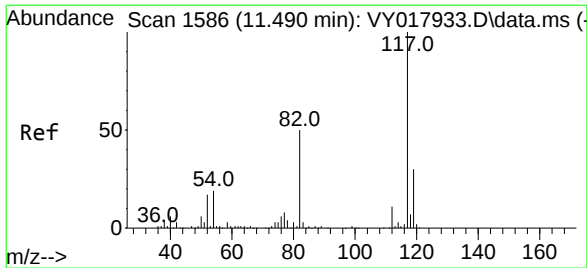
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.6

176 85.7 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: VY018138.D

Acq: 03 May 2024 13:22

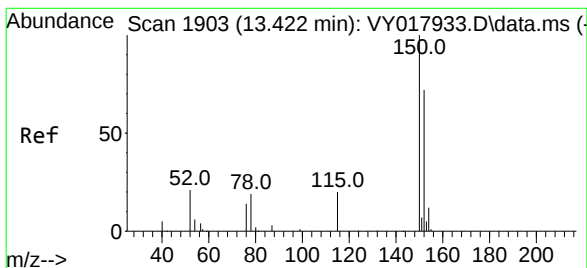
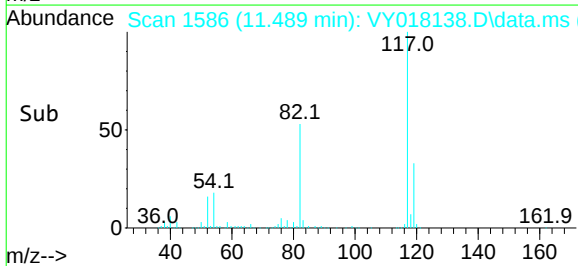
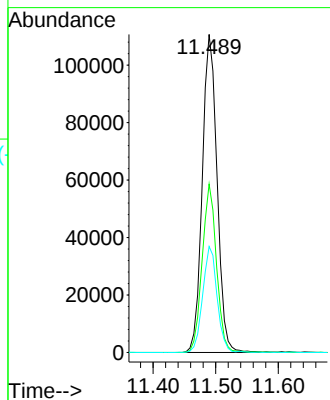
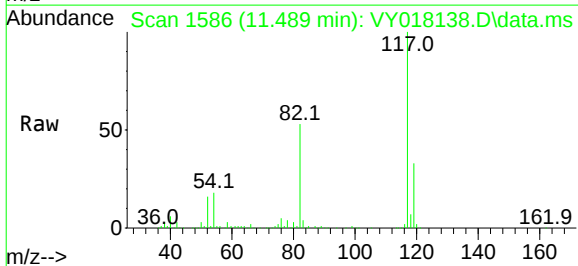
Instrument :

MSVOA_Y

ClientSampleId :

TP-4

Tgt Ion:	117	Resp:	181730
Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	33.3	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018138.D

Acq: 03 May 2024 13:22

Tgt Ion:	152	Resp:	70017
Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	158.3	0.0	345.6

