

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018127.D
 Acq On : 02 May 2024 19:16
 Operator : SY/MD
 Sample : P2330-17
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 F-3(0.5-1.5)

Quant Time: May 02 23:09:04 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	252288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	442370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	386391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	106364	53.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.980%
35) Dibromofluoromethane	7.710	113	129615	50.986	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.173	98	494604	49.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.477	95	152569	44.671	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.340%

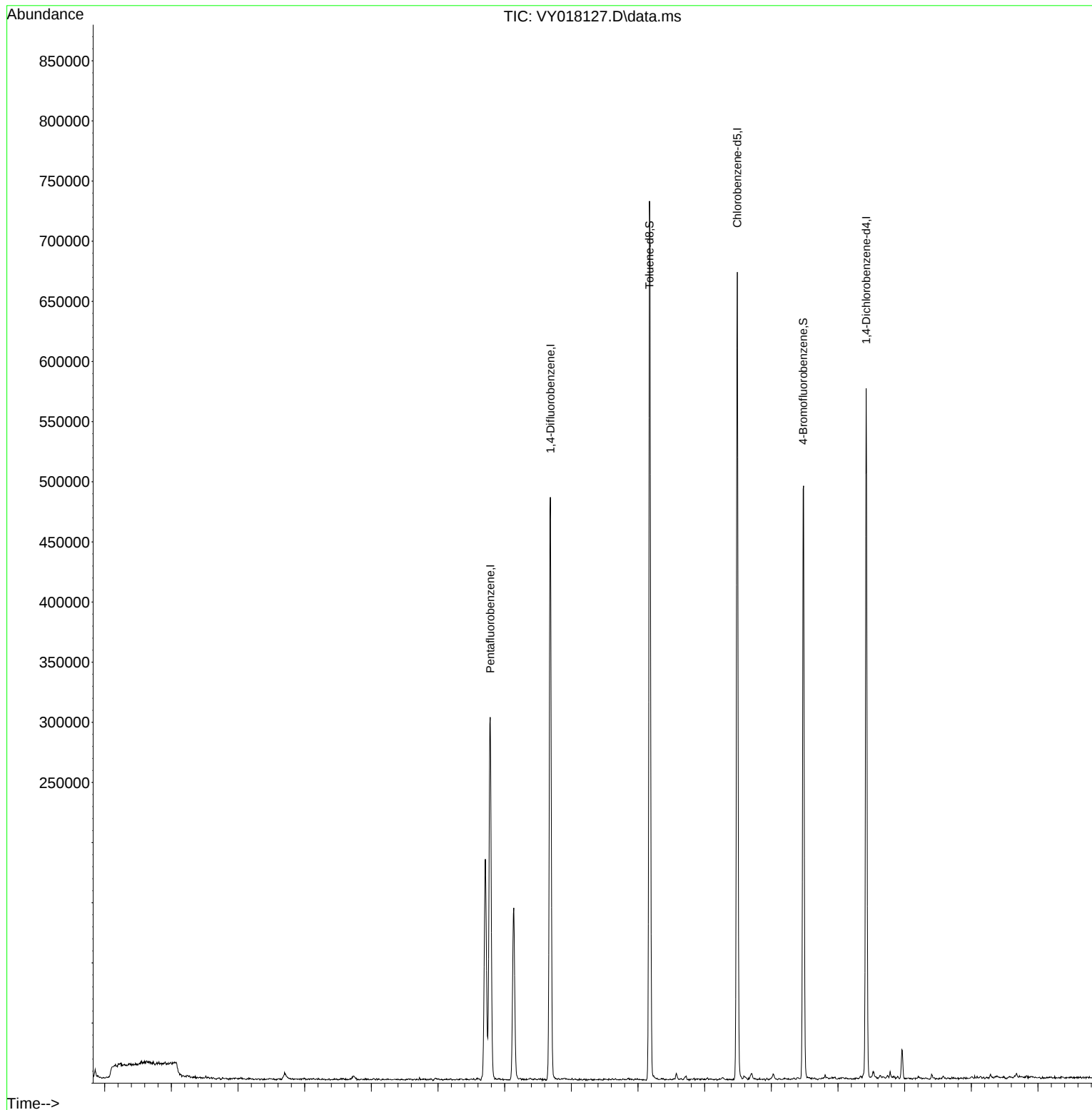
Target Compounds Qvalue

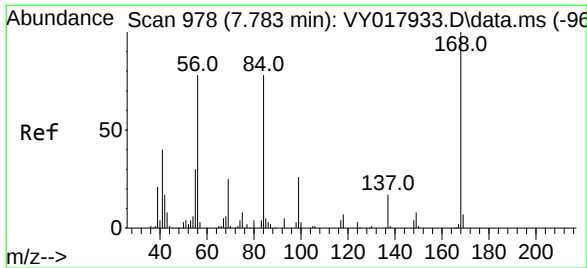
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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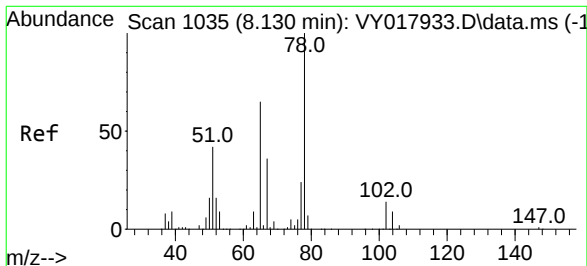
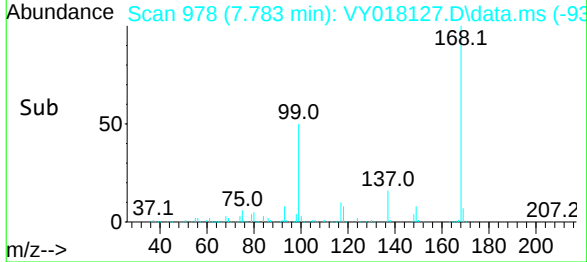
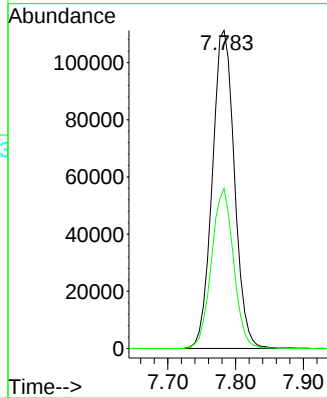
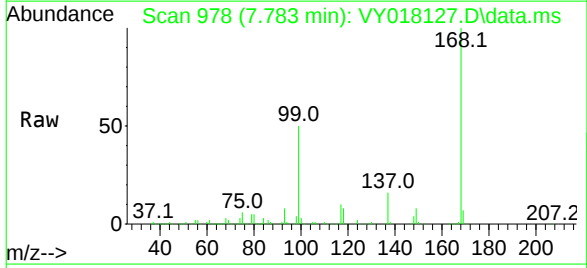




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018127.D
Acq: 02 May 2024 19:16

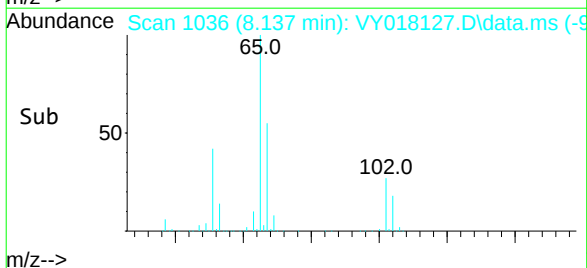
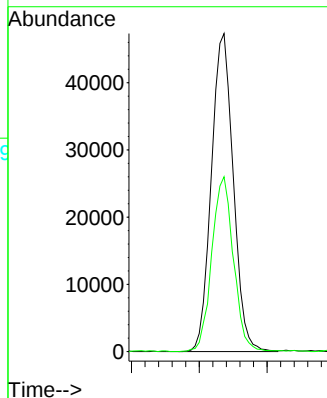
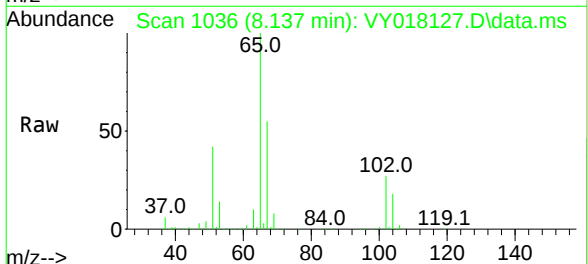
Instrument :
MSVOA_Y
ClientSampleId :
F-3(0.5-1.5)

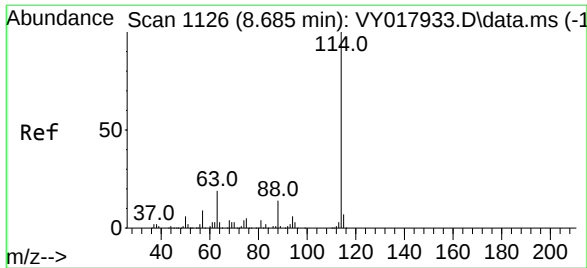
Tgt Ion:168 Resp: 252288
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.486 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY018127.D
Acq: 02 May 2024 19:16

Tgt Ion: 65 Resp: 106364
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6

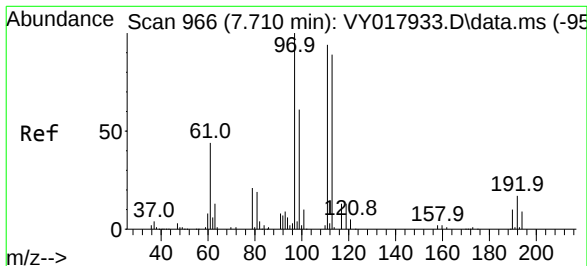
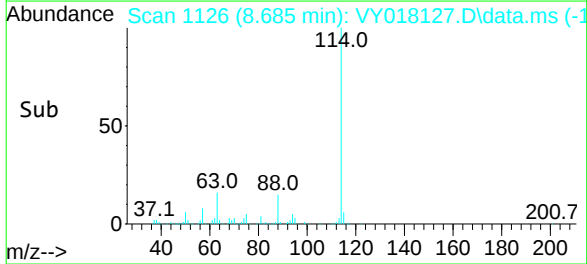
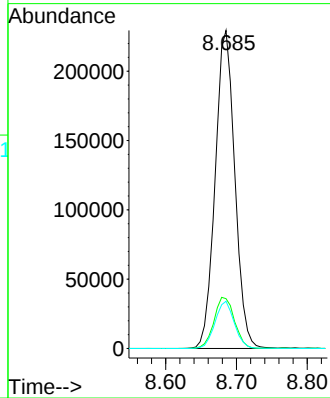
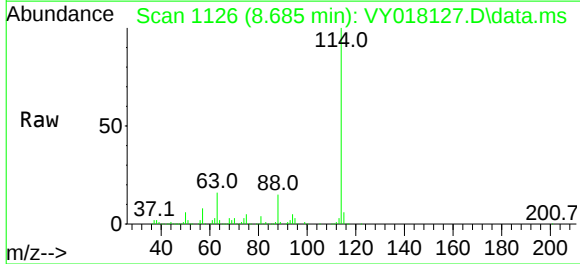




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018127.D
Acq: 02 May 2024 19:16

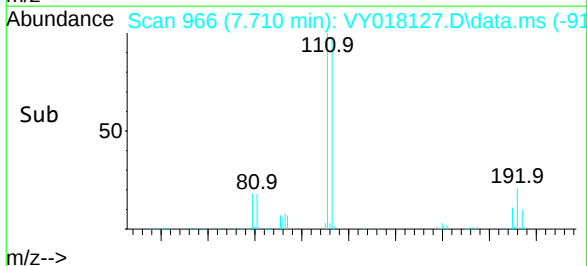
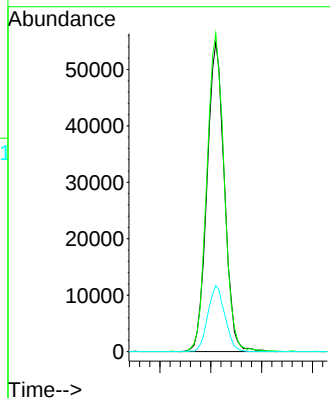
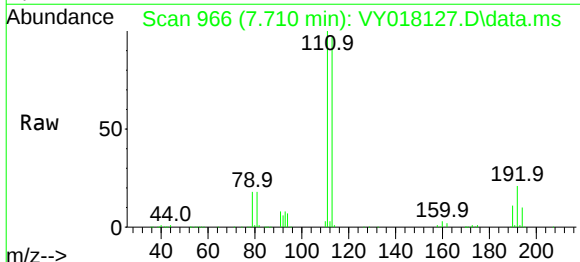
Instrument :
MSVOA_Y
ClientSampleId :
F-3(0.5-1.5)

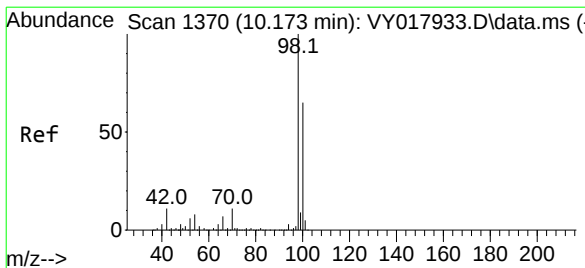
Tgt Ion:	114	Resp:	442370
Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	35.0
88	14.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.986 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018127.D
Acq: 02 May 2024 19:16

Tgt Ion:	113	Resp:	129615
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	20.9	15.9	23.9





#50

Toluene-d8

Concen: 49.837 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY018127.D

Acq: 02 May 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

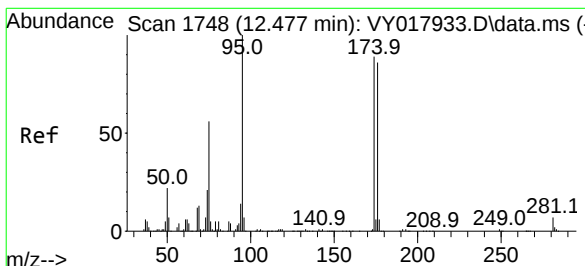
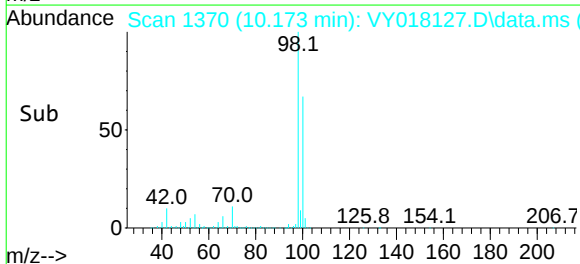
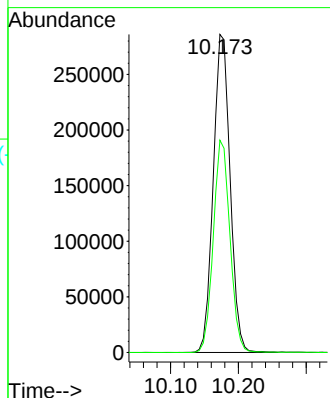
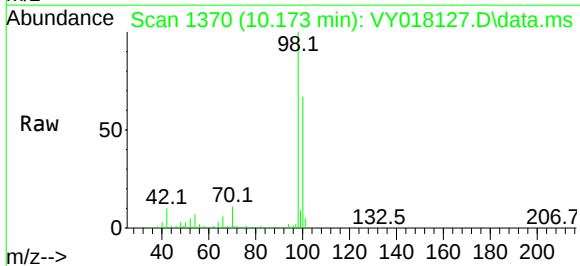
F-3(0.5-1.5)

Tgt Ion: 98 Resp: 494604

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.671 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018127.D

Acq: 02 May 2024 19:16

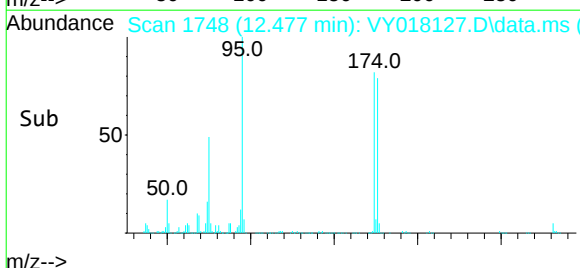
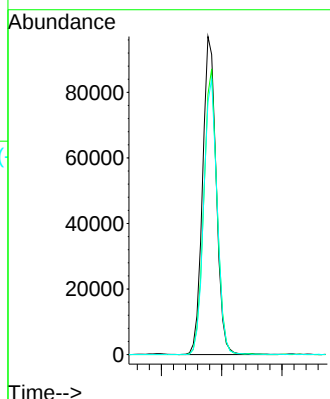
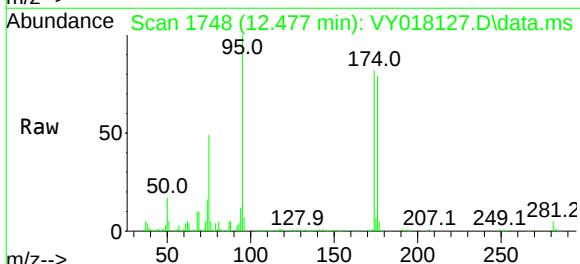
Tgt Ion: 95 Resp: 152569

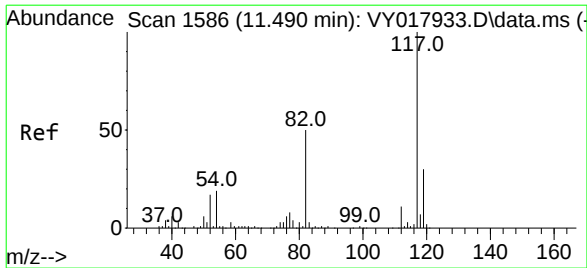
Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.6

176 85.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018127.D

Acq: 02 May 2024 19:16

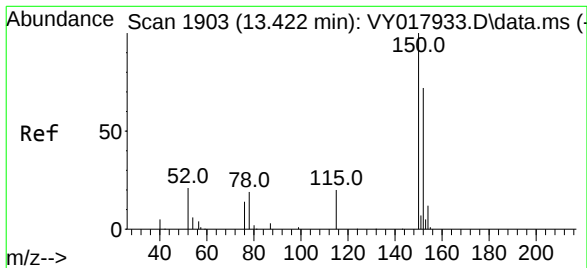
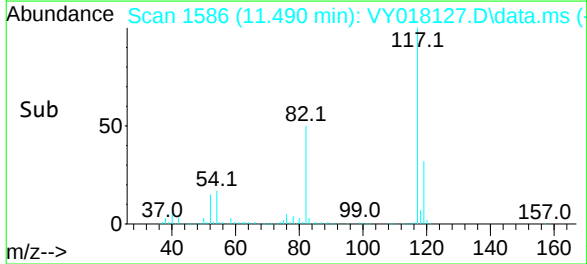
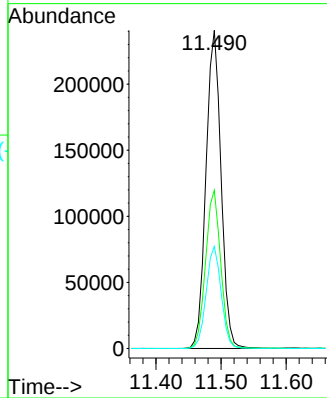
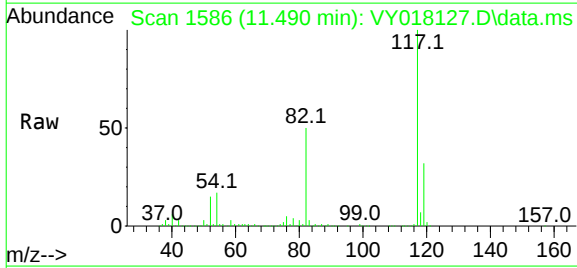
Instrument :

MSVOA_Y

ClientSampleId :

F-3(0.5-1.5)

Tgt Ion:	117	Resp:	386391
Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.4	63.6
119	32.1	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018127.D

Acq: 02 May 2024 19:16

Tgt Ion:	152	Resp:	153174
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	156.9	0.0	345.6

