

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018252.D
 Acq On : 14 May 2024 12:22
 Operator : SY/MD
 Sample : VY0514SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0514SBL01

Quant Time: May 15 04:12:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	177258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85247	65.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.740%
35) Dibromofluoromethane	7.710	113	99641	56.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.700%
50) Toluene-d8	10.179	98	380914	54.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.320%
62) 4-Bromofluorobenzene	12.483	95	110864	49.266	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.540%

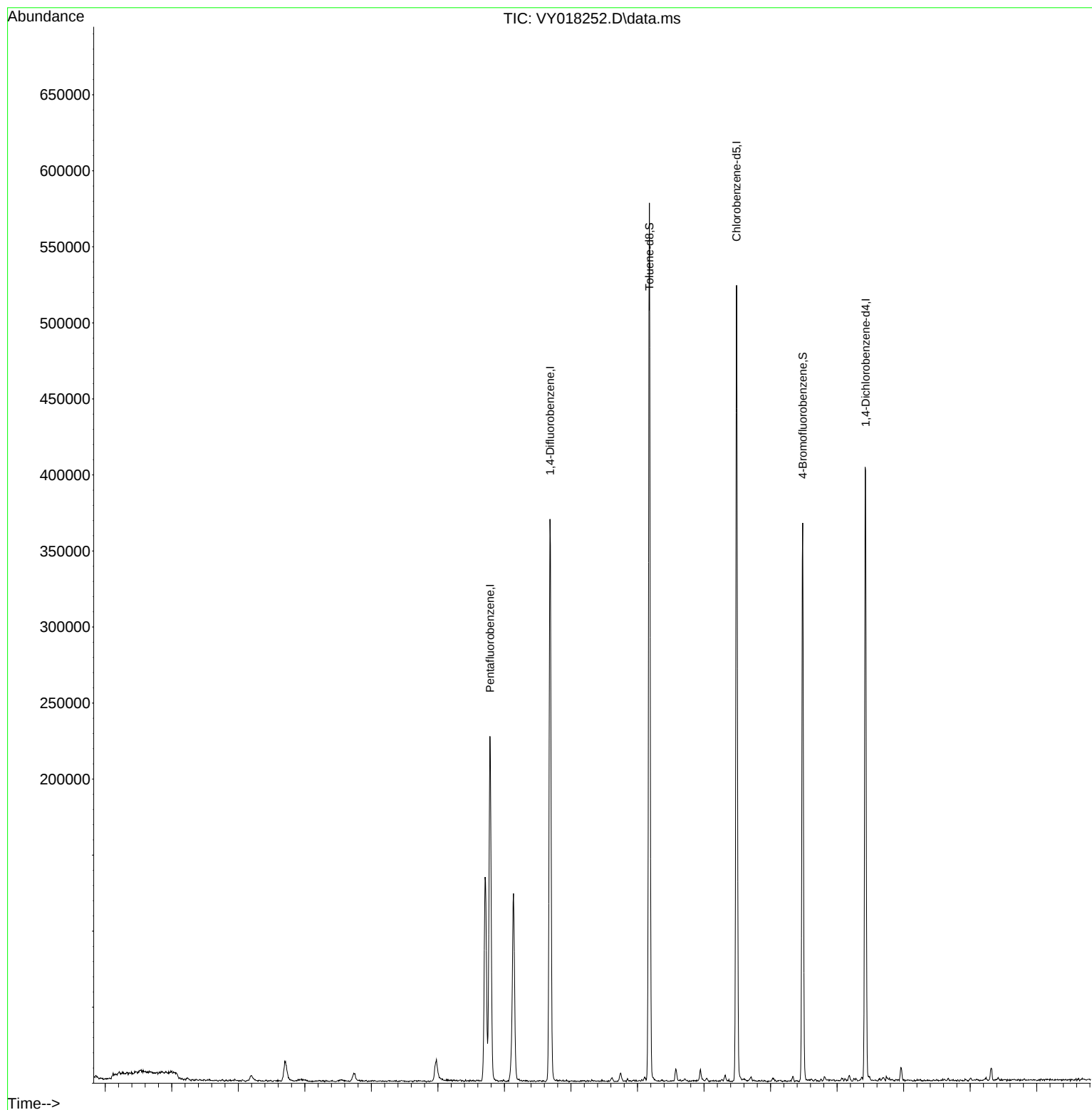
Target Compounds	Qvalue

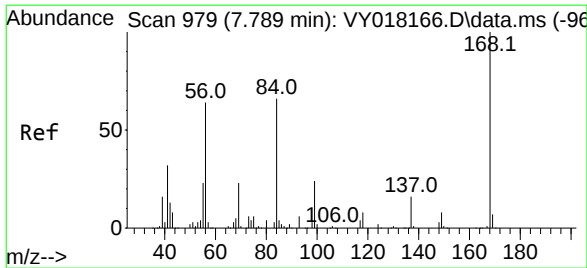
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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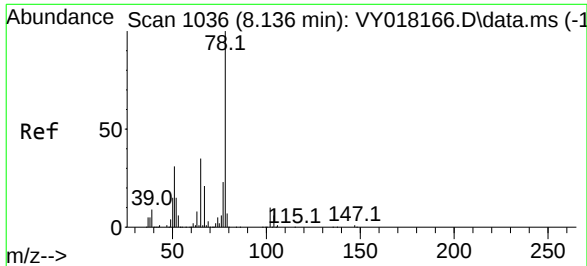
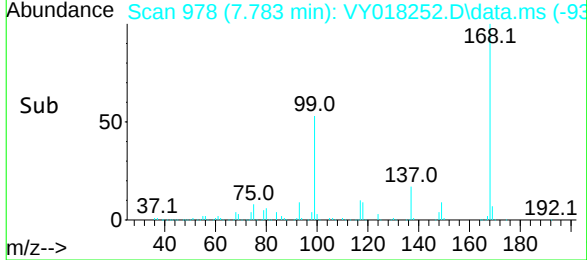
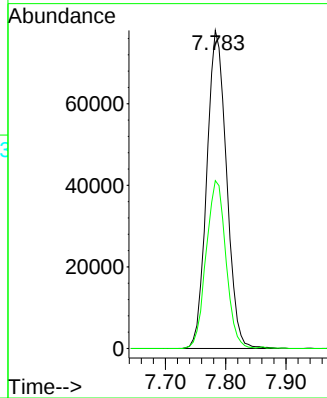
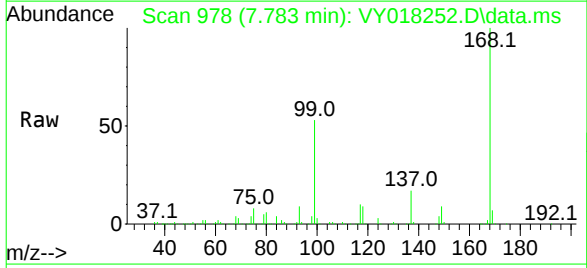




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

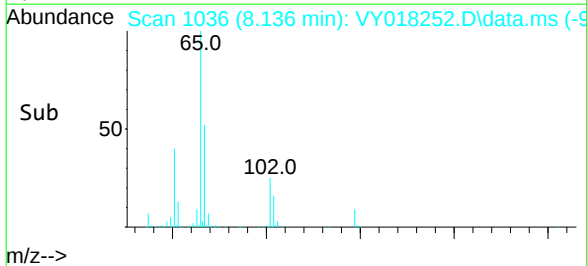
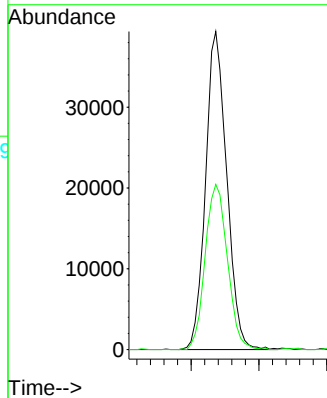
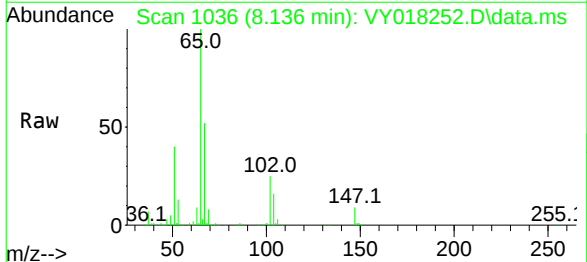
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBL01

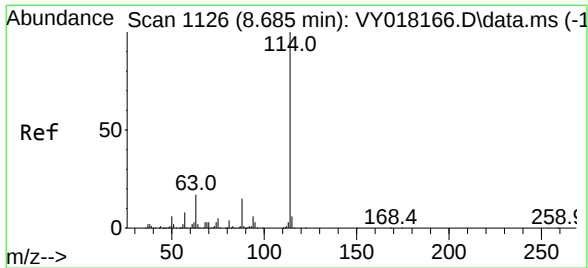
Tgt Ion:168 Resp: 177258
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 65.372 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Tgt Ion: 65 Resp: 85247
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

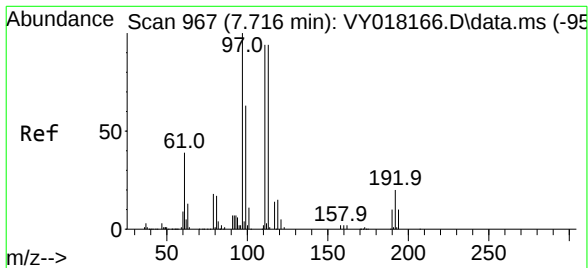
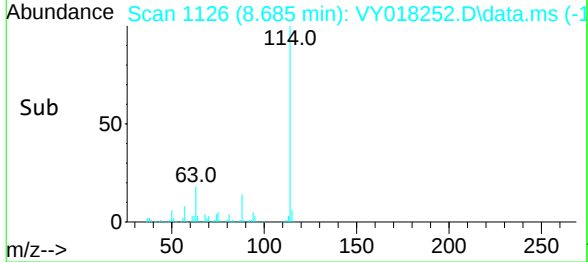
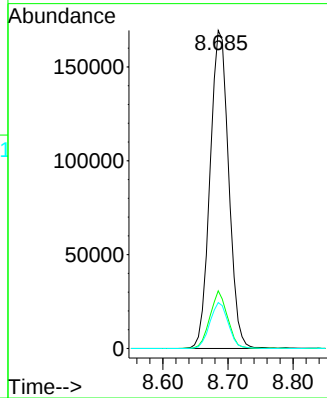
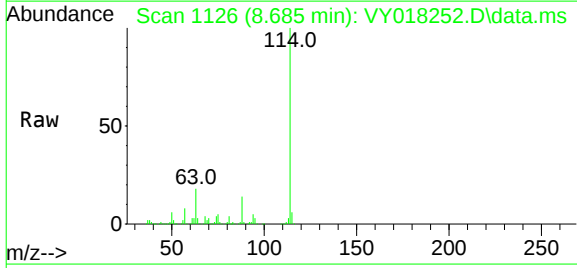




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

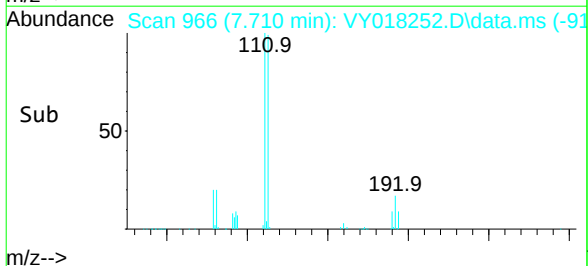
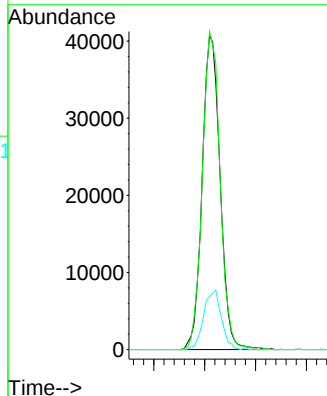
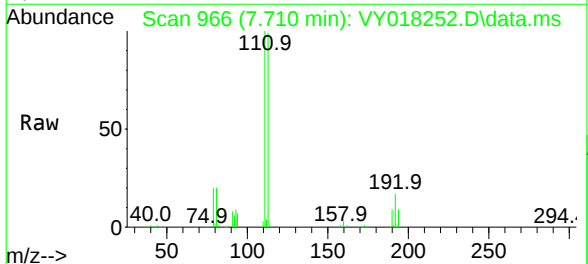
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBL01

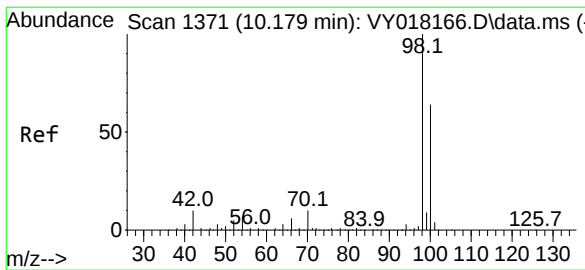
Tgt Ion:	114	Resp:	336468
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.0
88	14.4	0.0	27.2



#35
Dibromofluoromethane
Concen: 56.349 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Tgt Ion:	113	Resp:	99641
Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.2	123.4
192	18.7	15.9	23.9





#50

Toluene-d8

Concen: 54.665 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018252.D

Acq: 14 May 2024 12:22

Instrument :

MSVOA_Y

ClientSampleId :

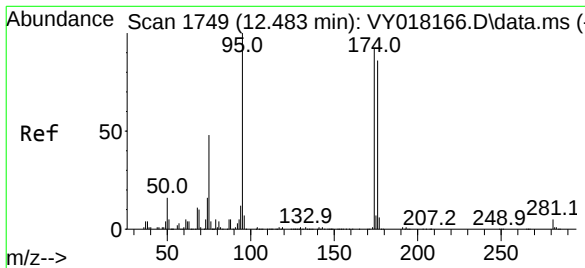
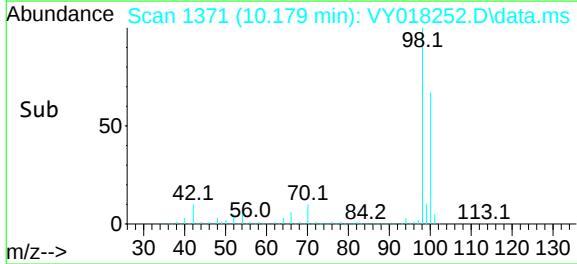
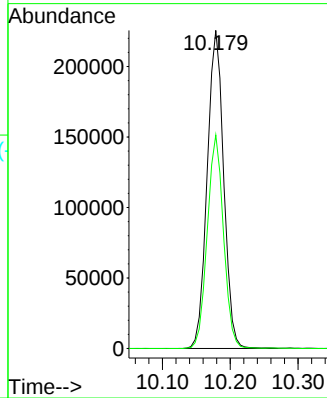
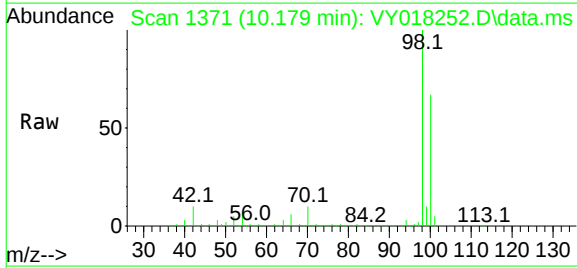
VY0514SBL01

Tgt Ion: 98 Resp: 380914

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.266 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018252.D

Acq: 14 May 2024 12:22

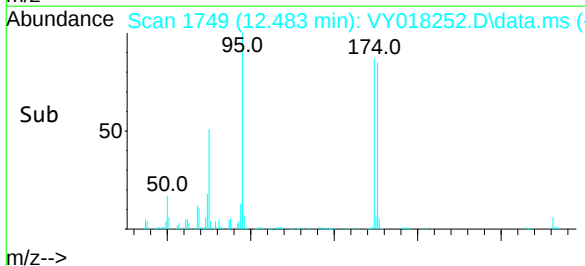
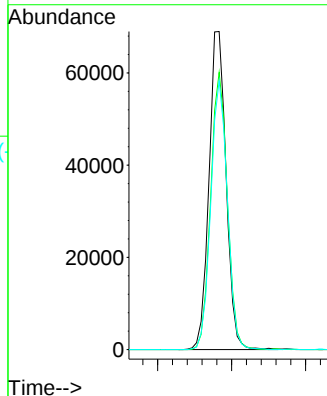
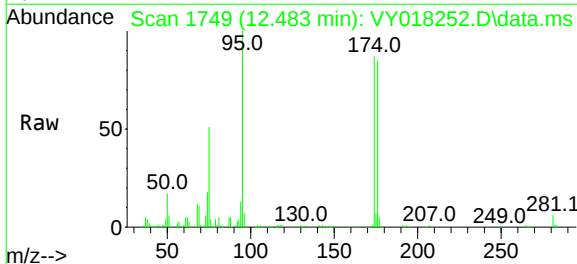
Tgt Ion: 95 Resp: 110864

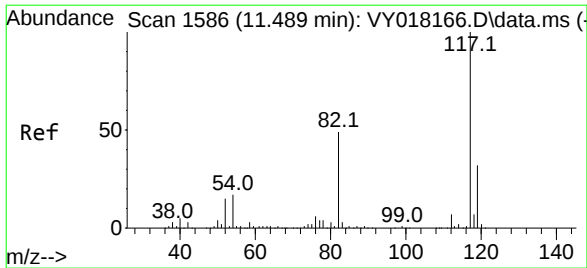
Ion Ratio Lower Upper

95 100

174 84.9 0.0 175.6

176 82.1 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: VY018252.D

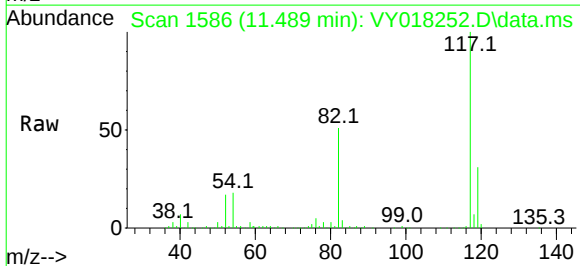
Acq: 14 May 2024 12:22

Instrument :

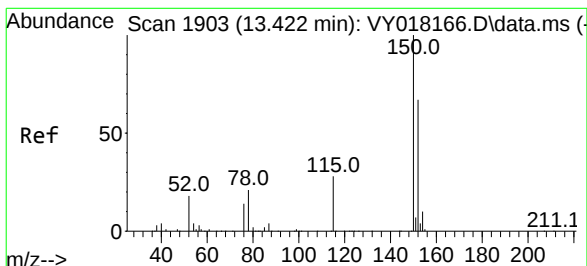
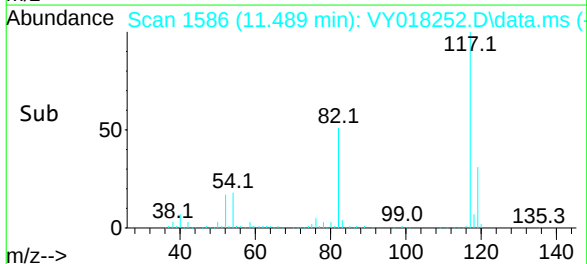
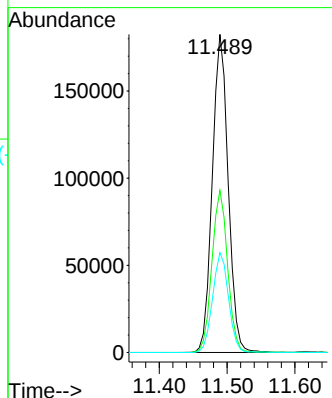
MSVOA_Y

ClientSampleId :

VY0514SBL01



Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.4	63.6
119	31.4	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018252.D

Acq: 14 May 2024 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	156.3	0.0	345.6

