

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018326.D
 Acq On : 20 May 2024 11:39
 Operator : SY/MD
 Sample : P2482-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-02-229

Quant Time: May 21 01:22:18 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	145256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	290504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77374	72.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.820%
35) Dibromofluoromethane	7.710	113	85292	55.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.740%
50) Toluene-d8	10.179	98	337783	56.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.280%
62) 4-Bromofluorobenzene	12.483	95	94213	48.491	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.980%

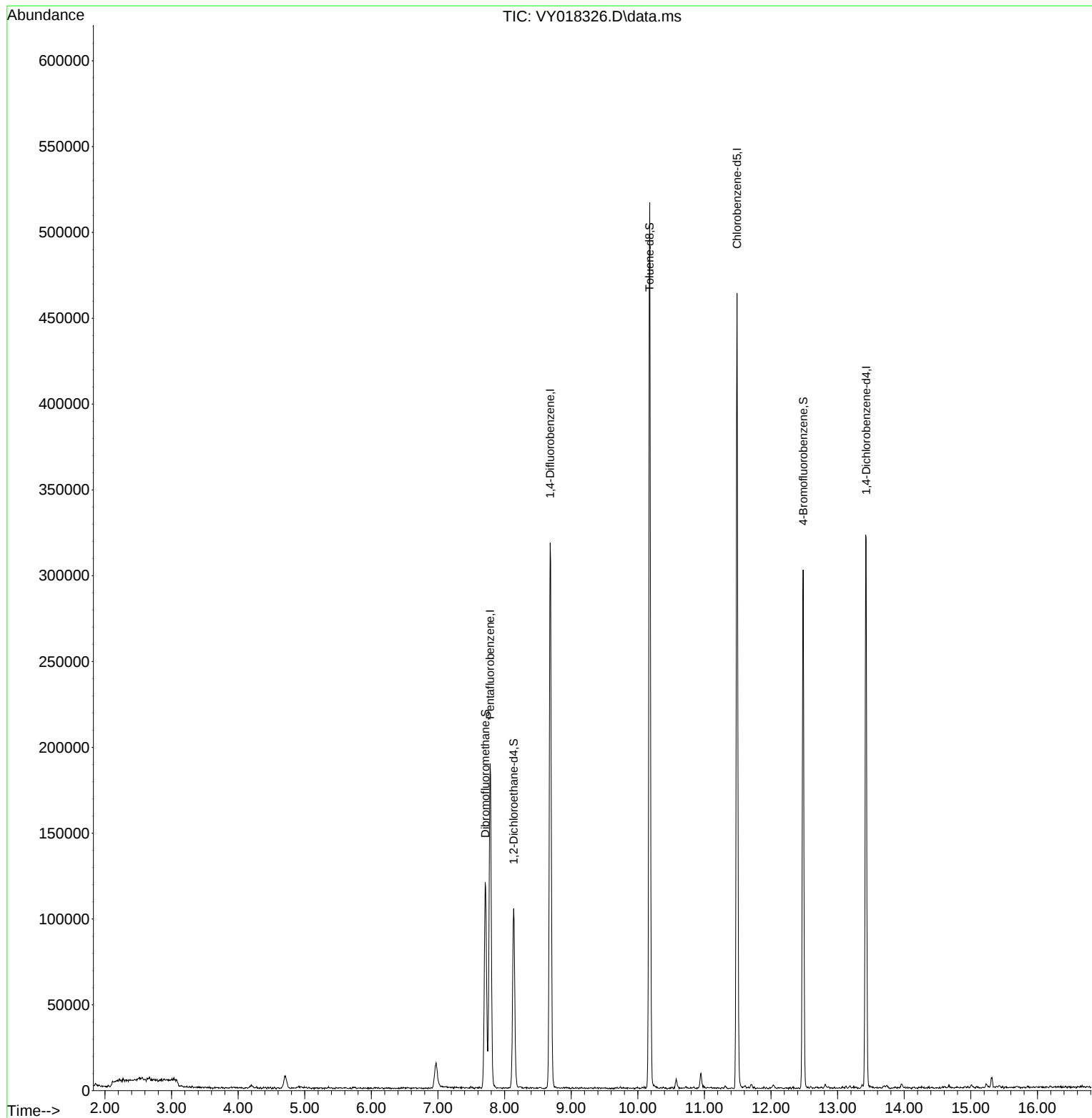
Target Compounds	Qvalue

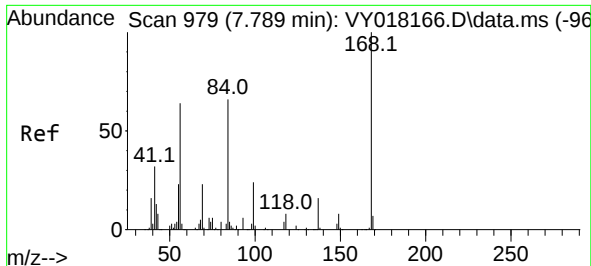
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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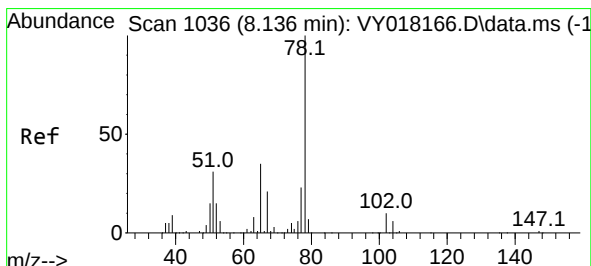
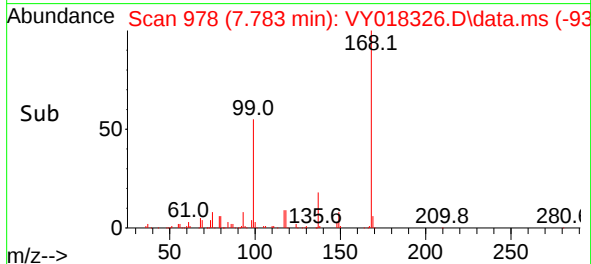
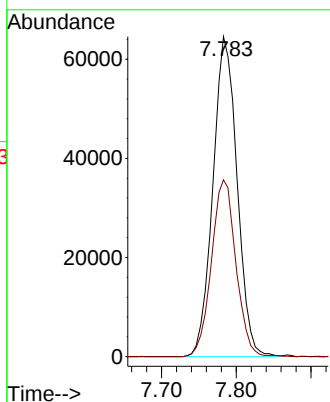
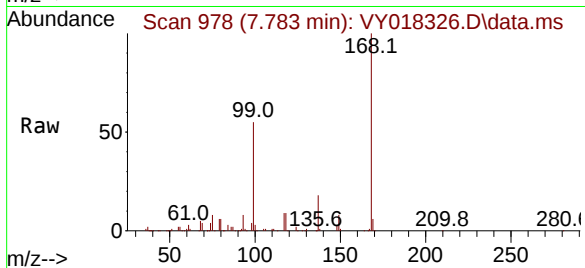




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

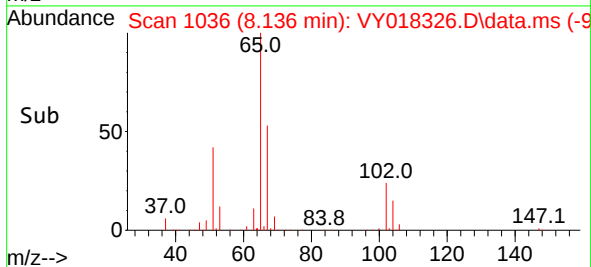
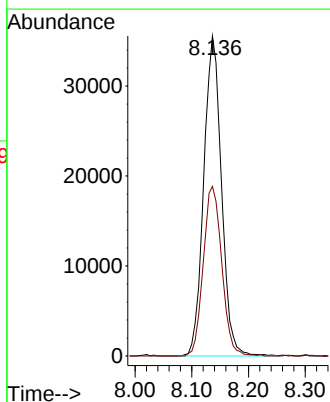
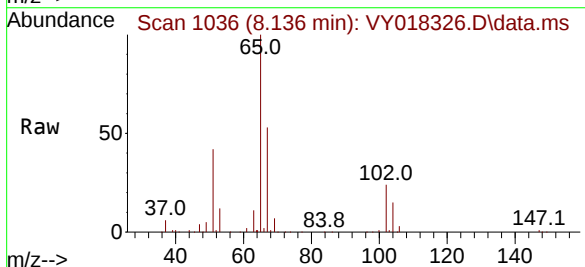
Instrument :
MSVOA_Y
ClientSampleId :
SW-02-229

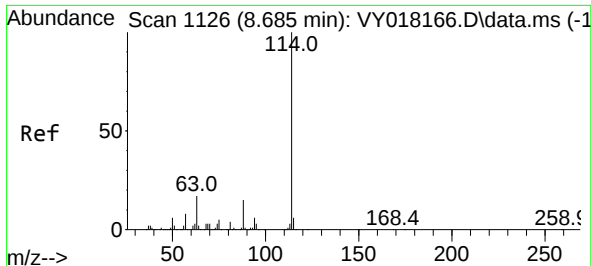
Tgt Ion:168 Resp: 145256
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 72.407 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

Tgt Ion: 65 Resp: 77374
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018326.D

Acq: 20 May 2024 11:39

Instrument :

MSVOA_Y

ClientSampleId :

SW-02-229

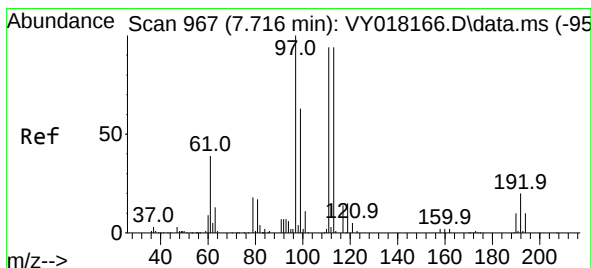
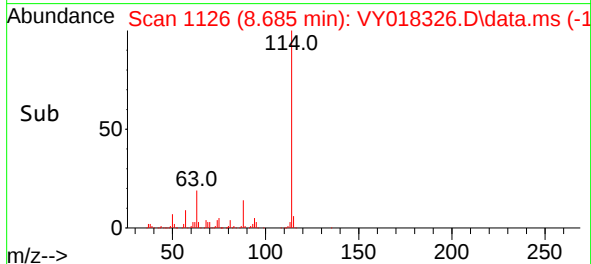
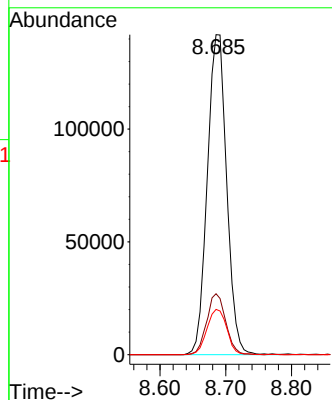
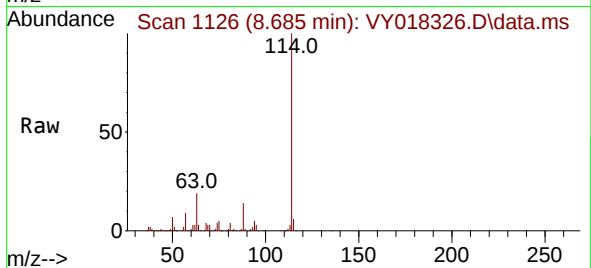
Tgt Ion:114 Resp: 290504

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.866 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018326.D

Acq: 20 May 2024 11:39

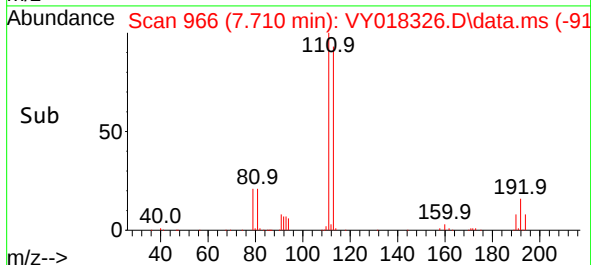
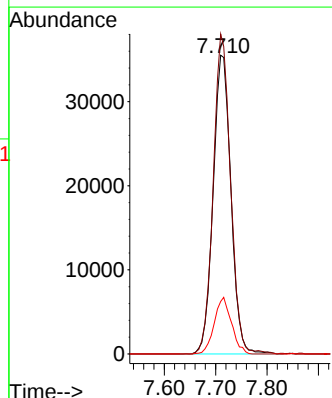
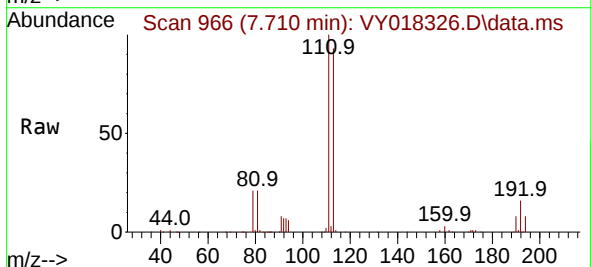
Tgt Ion:113 Resp: 85292

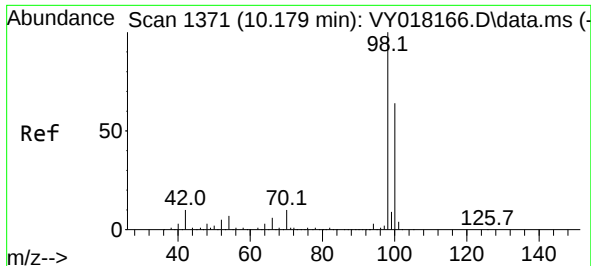
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 18.4 15.9 23.9

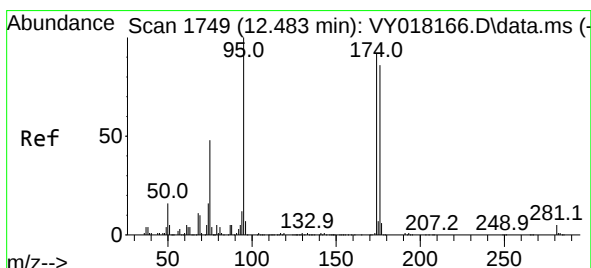
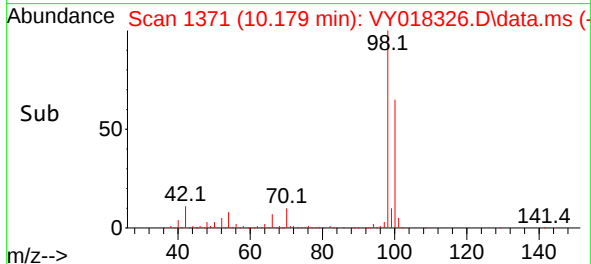
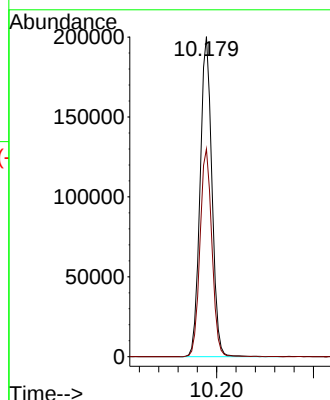
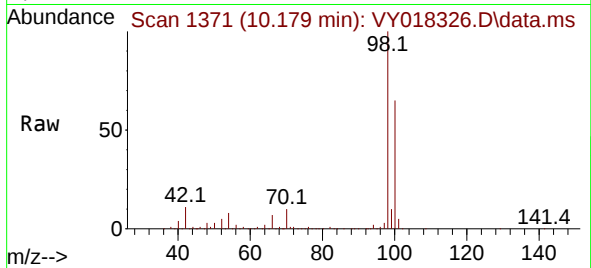




#50
Toluene-d8
Concen: 56.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

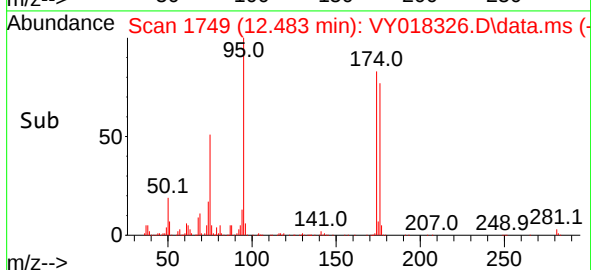
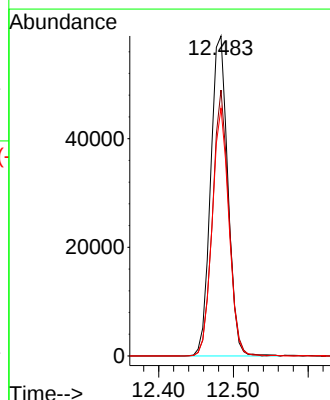
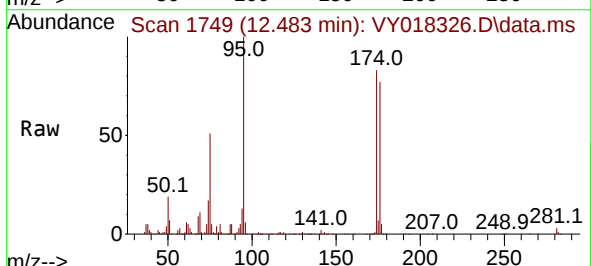
Instrument :
MSVOA_Y
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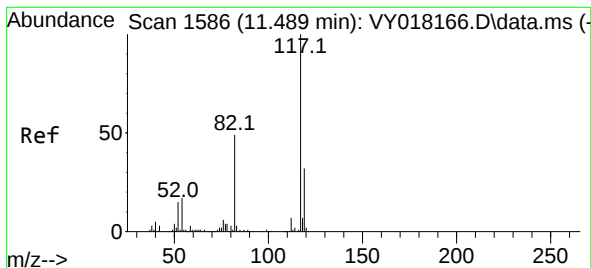
Tgt Ion: 98 Resp: 337783
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.491 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

Tgt Ion: 95 Resp: 94213
Ion Ratio Lower Upper
95 100
174 78.7 0.0 175.6
176 75.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018326.D

Acq: 20 May 2024 11:39

Instrument :

MSVOA_Y

ClientSampleId :

SW-02-229

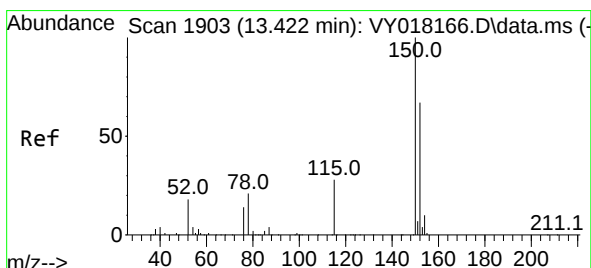
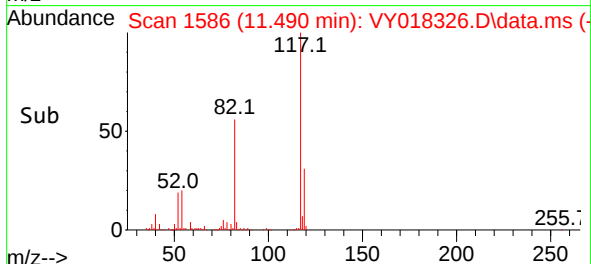
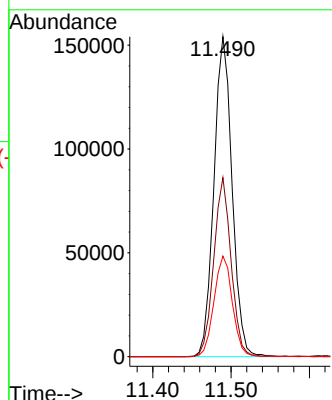
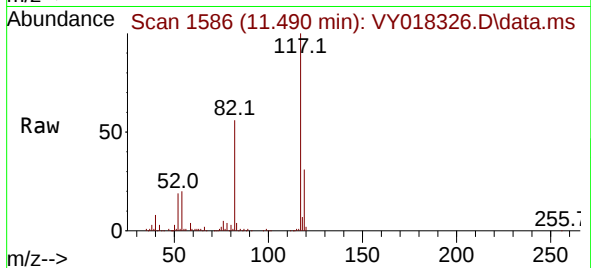
Tgt Ion:117 Resp: 248818

Ion Ratio Lower Upper

117 100

82 56.0 42.4 63.6

119 31.5 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: VY018326.D

Acq: 20 May 2024 11:39

Tgt Ion:152 Resp: 82343

Ion Ratio Lower Upper

152 100

115 59.9 28.2 84.7

150 161.9 0.0 345.6

