

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018438.D
 Acq On : 03 Jun 2024 14:04
 Operator : SY/MD
 Sample : VY0603SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBL01

Quant Time: Jun 04 05:41:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	57773	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	93295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	80197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55974	49.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.710	113	56459	47.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.173	98	229141	48.686	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.477	95	68122	46.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.980%

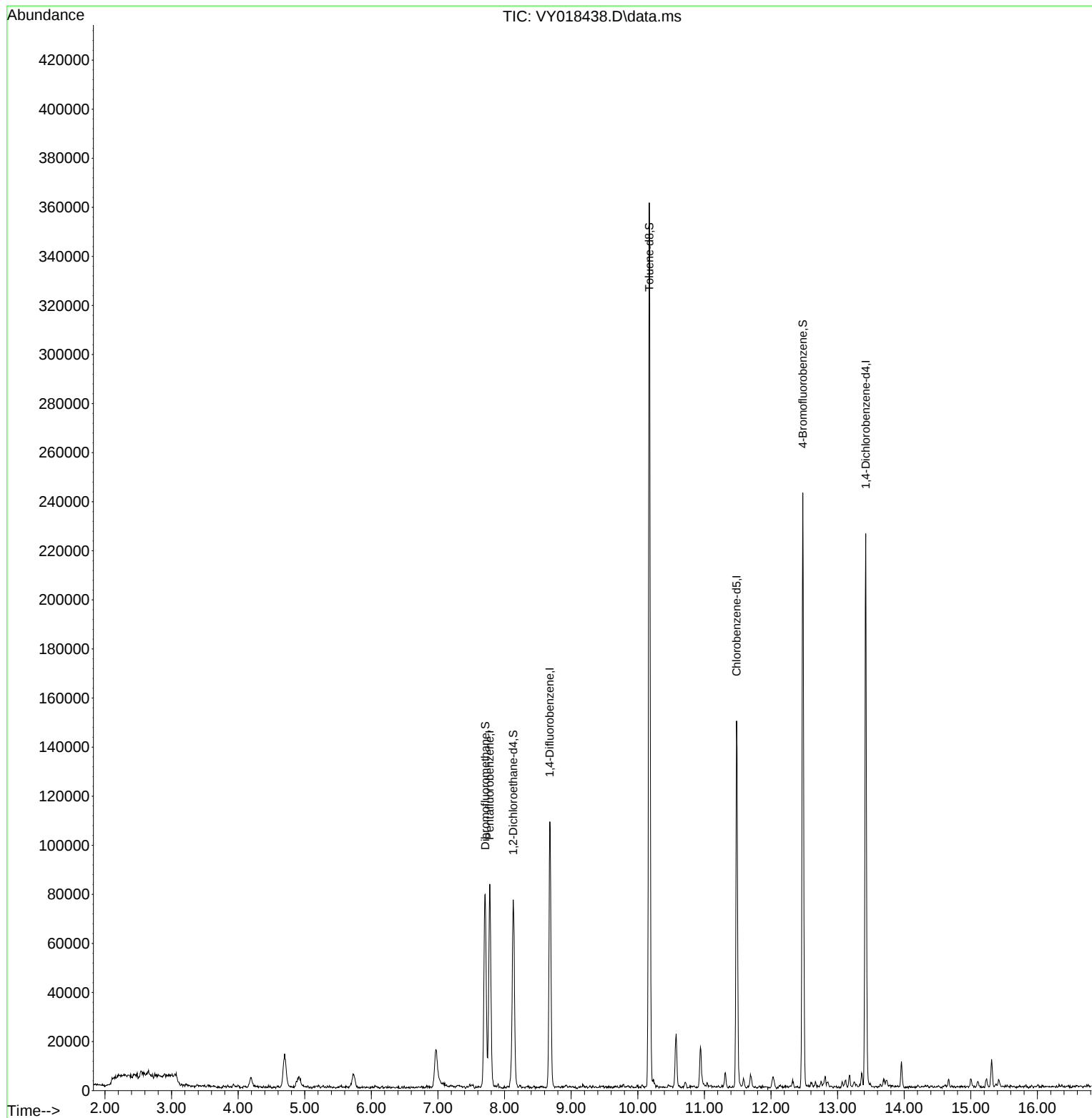
Target Compounds	Qvalue

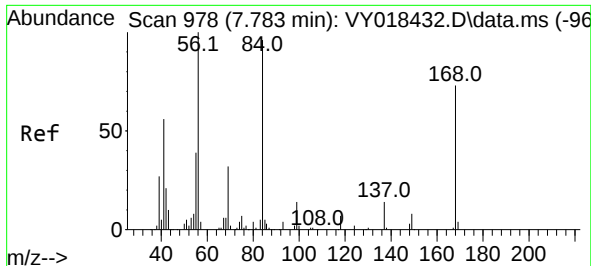
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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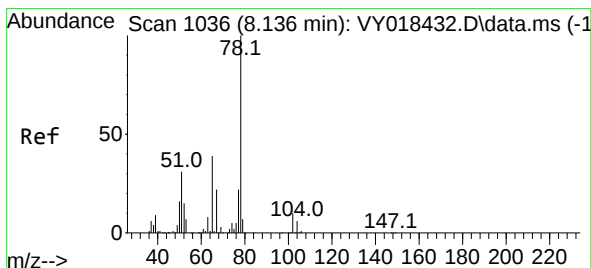
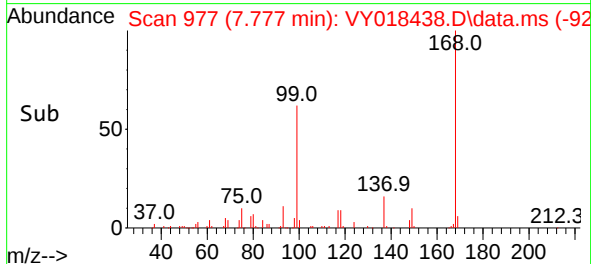
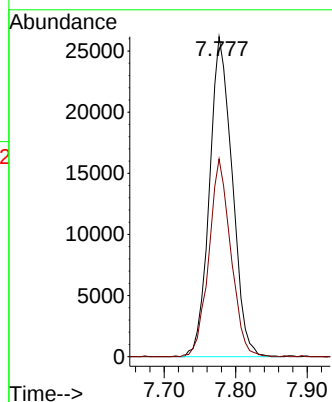
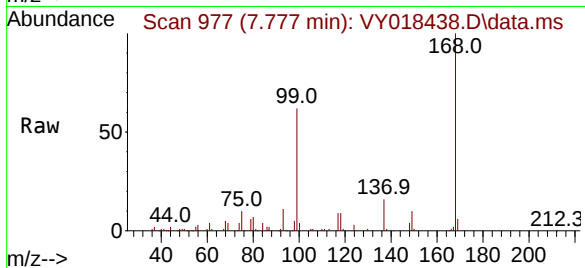




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

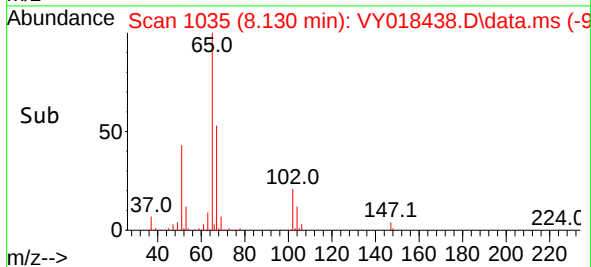
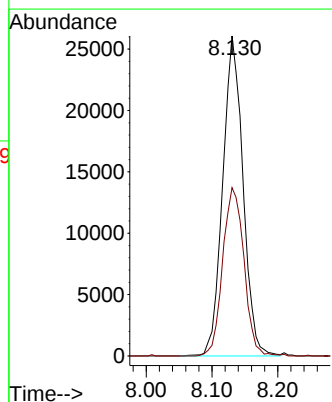
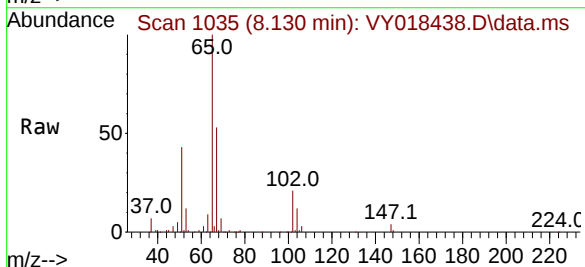
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

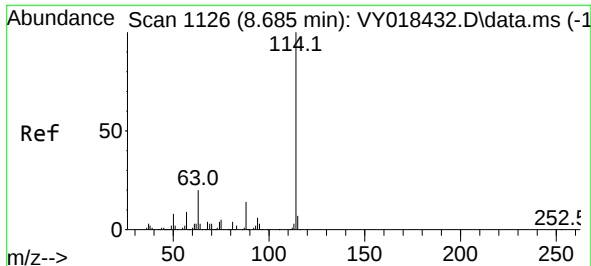
Tgt Ion:168 Resp: 57773
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 49.335 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Tgt Ion: 65 Resp: 55974
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018438.D

Acq: 03 Jun 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBL01

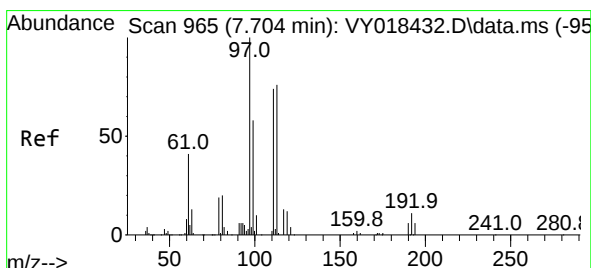
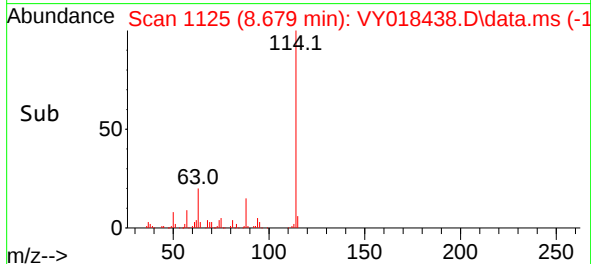
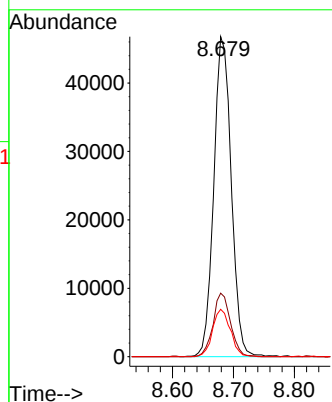
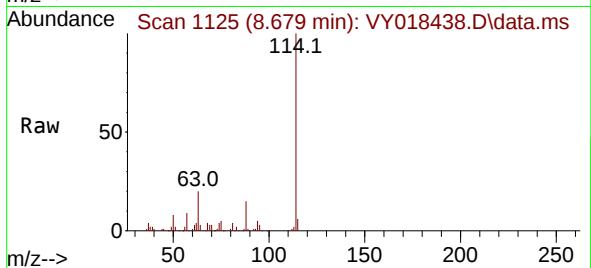
Tgt Ion:114 Resp: 93295

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.724 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018438.D

Acq: 03 Jun 2024 14:04

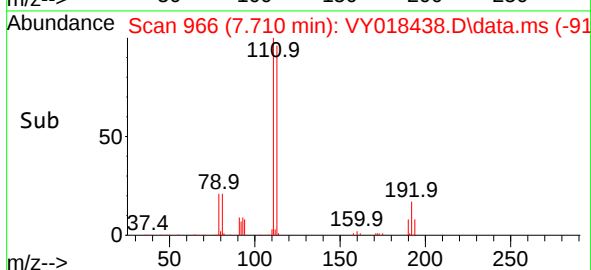
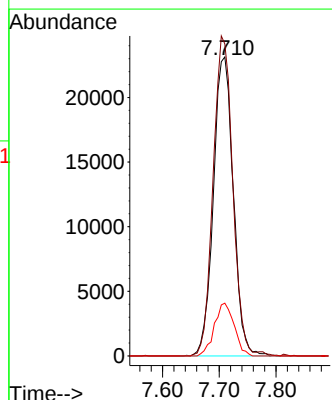
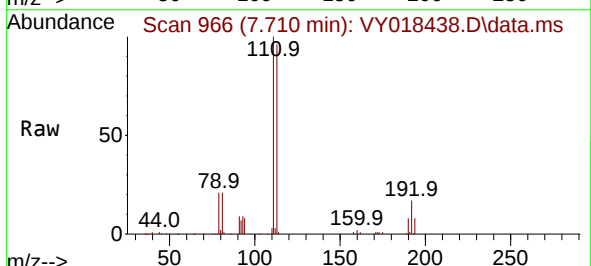
Tgt Ion:113 Resp: 56459

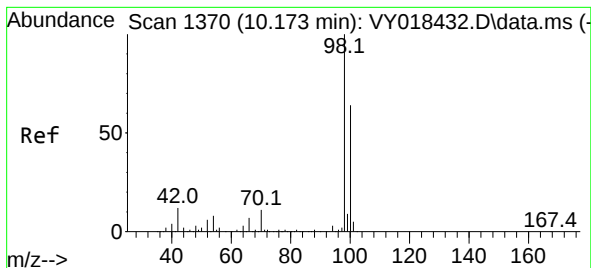
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.4

192 17.5 15.9 23.9





#50

Toluene-d8

Concen: 48.686 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018438.D

Acq: 03 Jun 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

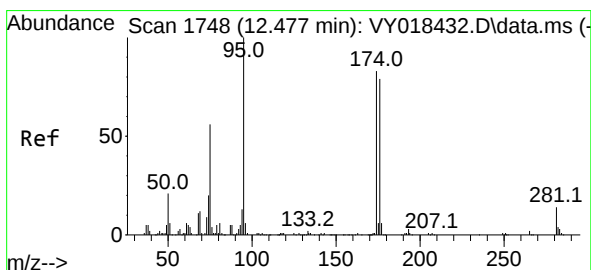
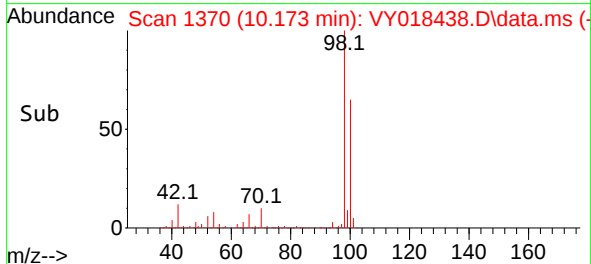
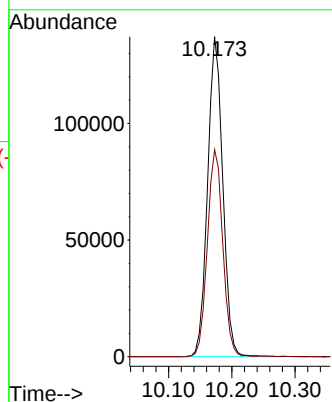
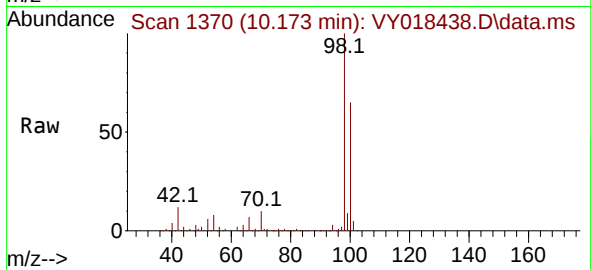
VY0603SBL01

Tgt Ion: 98 Resp: 229141

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.488 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018438.D

Acq: 03 Jun 2024 14:04

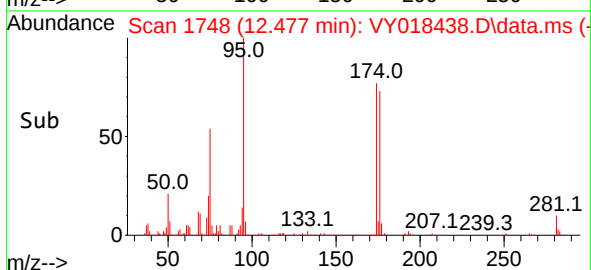
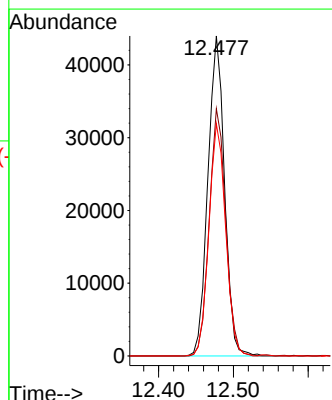
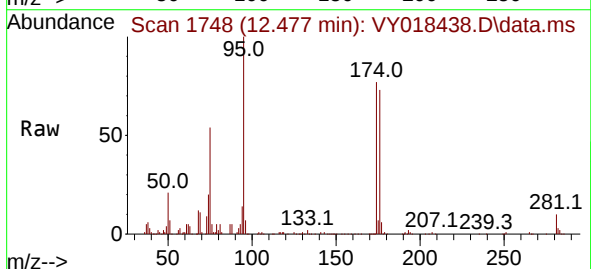
Tgt Ion: 95 Resp: 68122

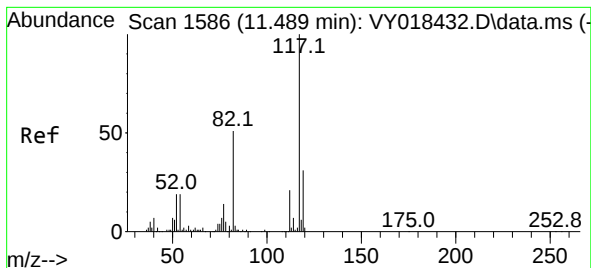
Ion Ratio Lower Upper

95 100

174 76.8 0.0 175.6

176 73.0 0.0 171.4

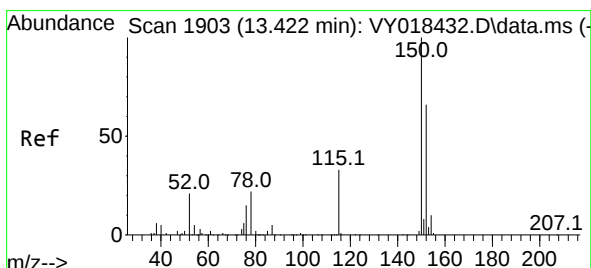
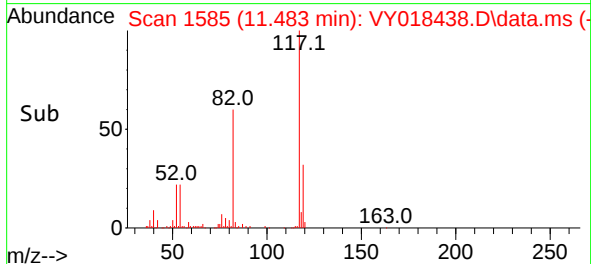
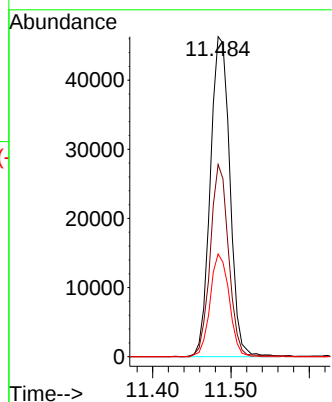
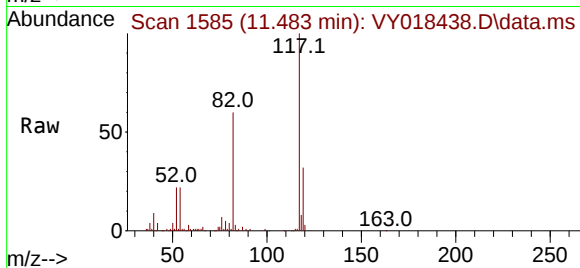




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion:117 Resp: 80197
Ion Ratio Lower Upper
117 100
82 60.0 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. 0.000 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Tgt Ion:152 Resp: 53608
Ion Ratio Lower Upper
152 100
115 60.6 28.2 84.7
150 154.3 0.0 345.6

