

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
 Data File : VY018568.D
 Acq On : 12 Jun 2024 14:49
 Operator : SY/MD
 Sample : VY0612SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBL01

Quant Time: Jun 13 00:54:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

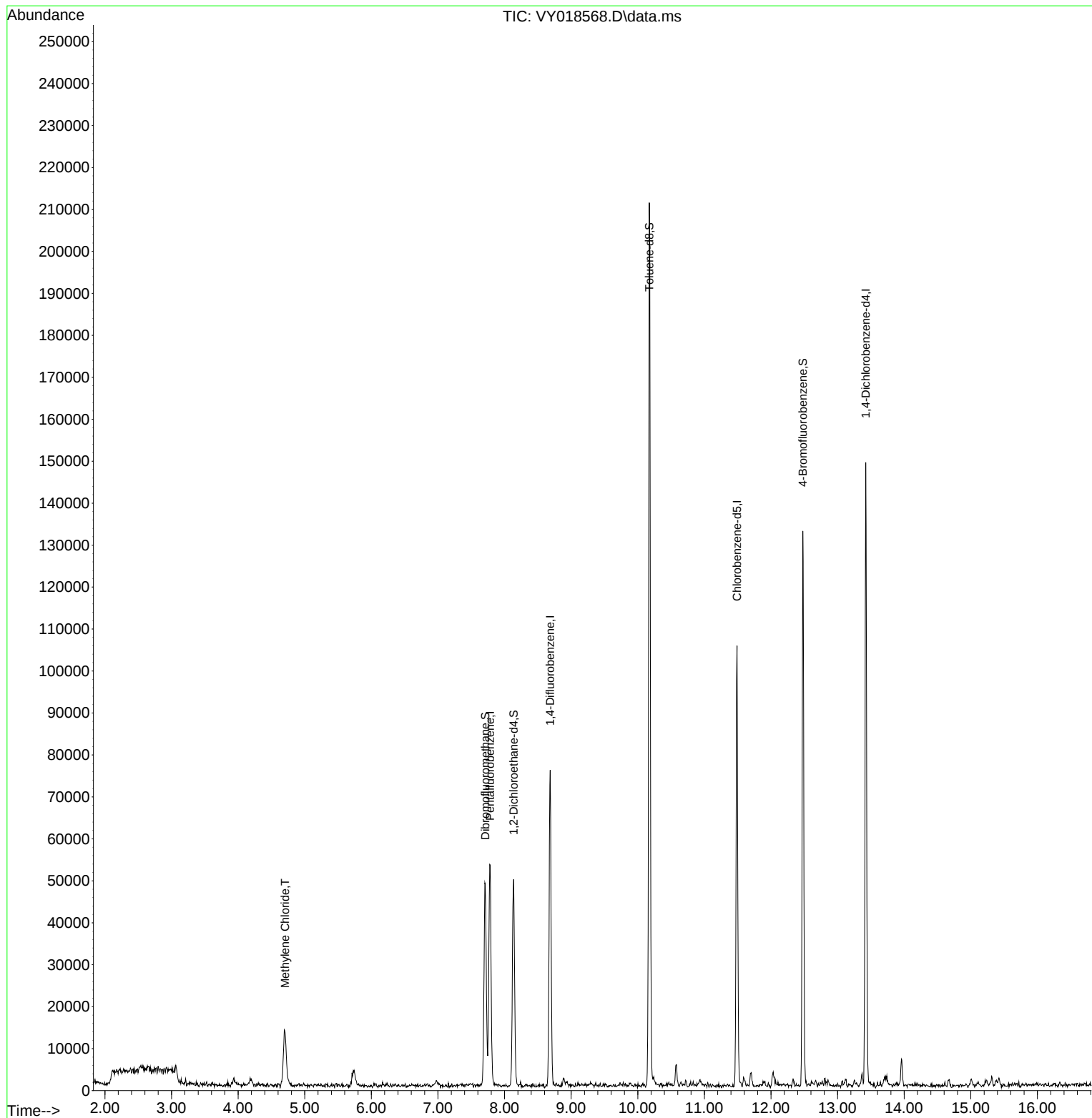
Internal Standards						
1) Pentafluorobenzene	7.783	168	37107	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	61873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	52841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	36038	49.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.900%
35) Dibromofluoromethane	7.710	113	33268	42.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.800%
50) Toluene-d8	10.173	98	131775	42.218	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.440%
62) 4-Bromofluorobenzene	12.477	95	37702	38.795	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.580%
Target Compounds						
20) Methylene Chloride	4.704	84	9022	7.146	ug/l	# 92

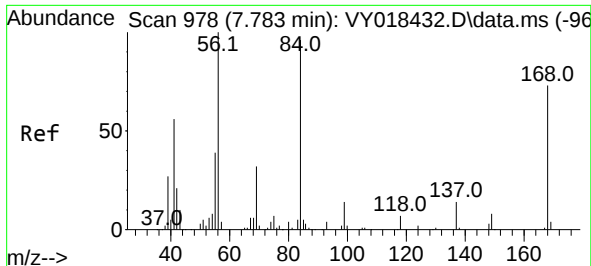
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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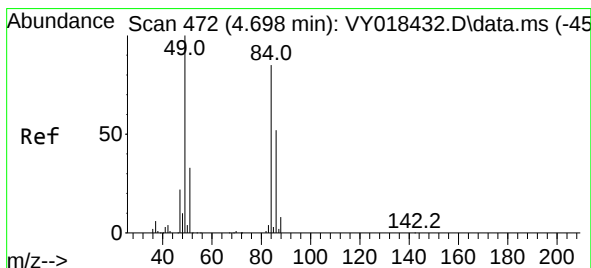
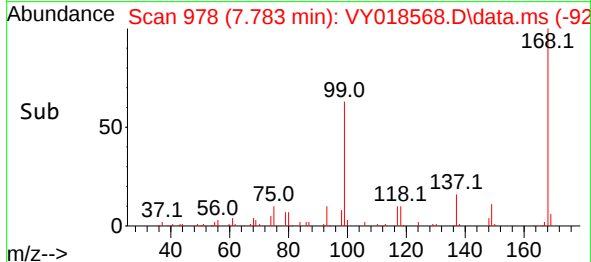
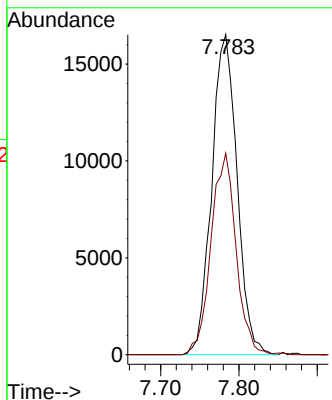
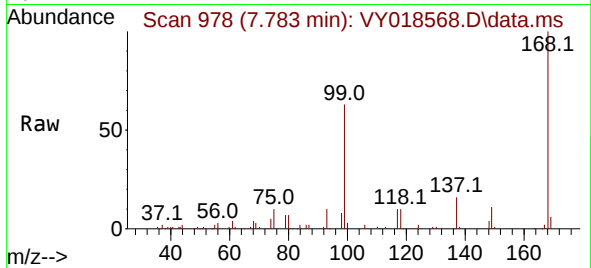




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

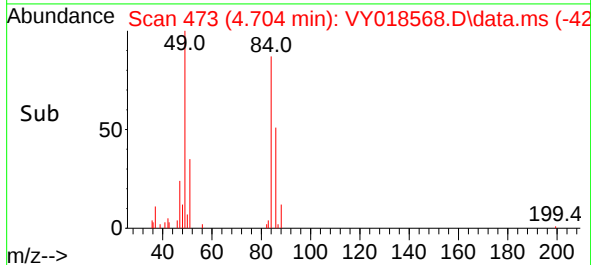
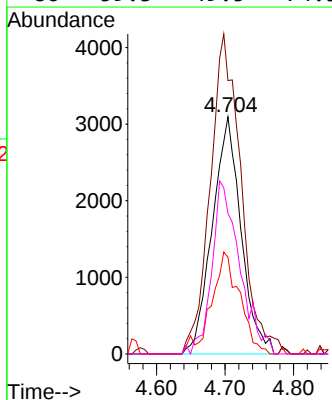
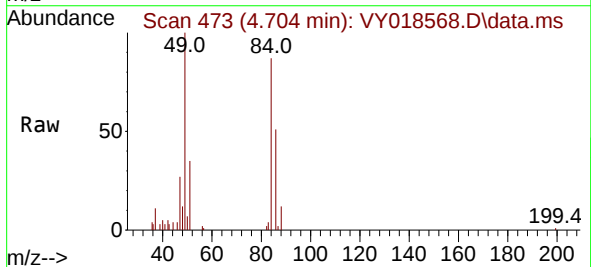
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

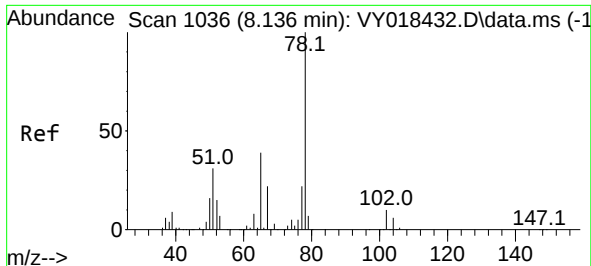
Tgt Ion:168 Resp: 37107
Ion Ratio Lower Upper
168 100
99 63.0 39.1 58.7#



#20
Methylene Chloride
Concen: 7.146 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Tgt Ion: 84 Resp: 9022
Ion Ratio Lower Upper
84 100
49 115.3 84.4 126.6
51 40.8 26.0 39.0#
86 59.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 49.454 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018568.D

Acq: 12 Jun 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

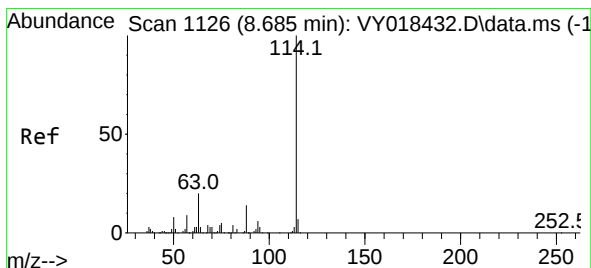
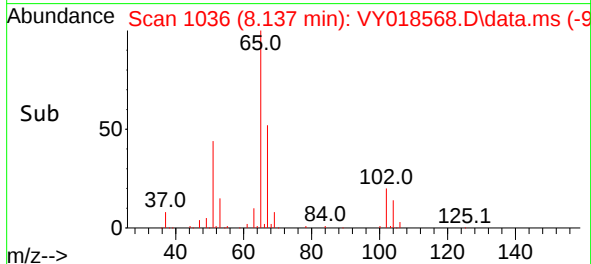
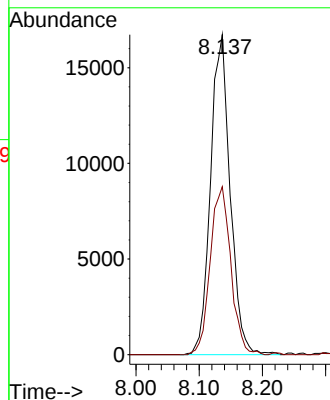
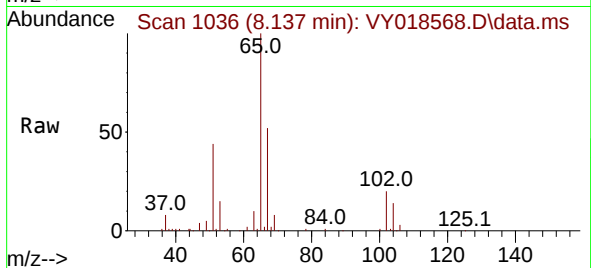
VY0612SBL01

Tgt Ion: 65 Resp: 36038

Ion Ratio Lower Upper

65 100

67 55.1 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: VY018568.D

Acq: 12 Jun 2024 14:49

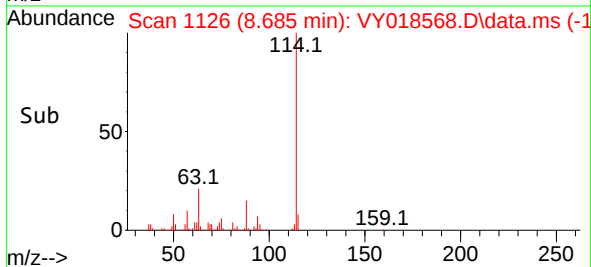
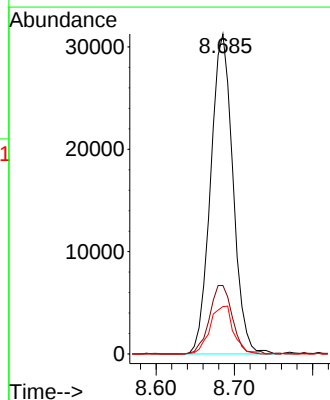
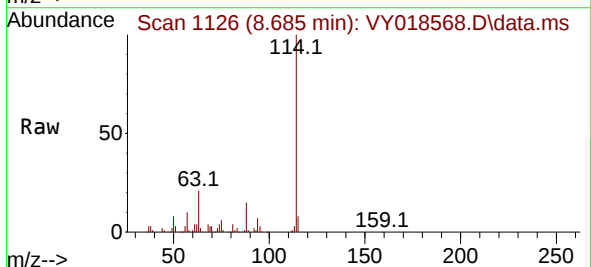
Tgt Ion: 114 Resp: 61873

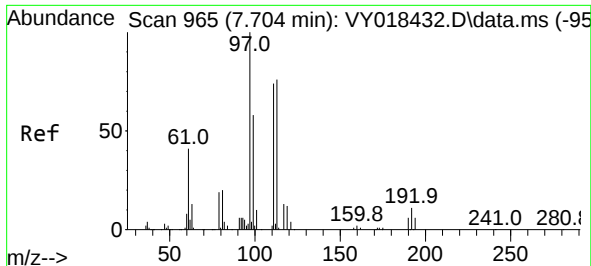
Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 42.402 ug/l

RT: 7.710 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY018568.D

Acq: 12 Jun 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBL01

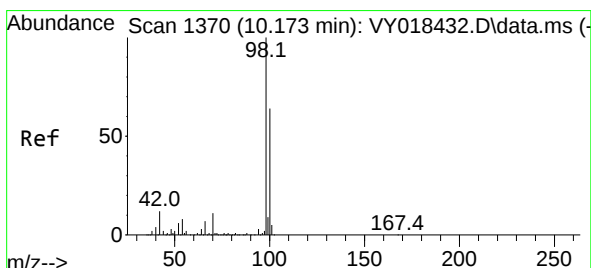
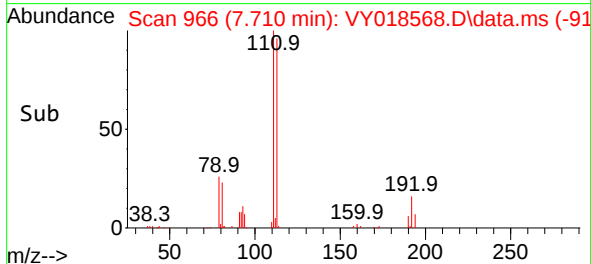
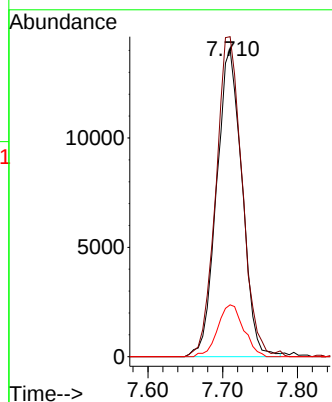
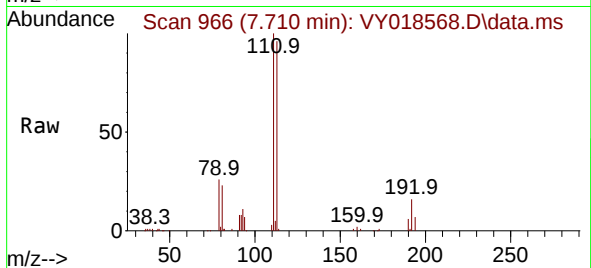
Tgt Ion:113 Resp: 33268

Ion Ratio Lower Upper

113 100

111 107.4 82.2 123.4

192 17.2 15.9 23.9



#50

Toluene-d8

Concen: 42.218 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018568.D

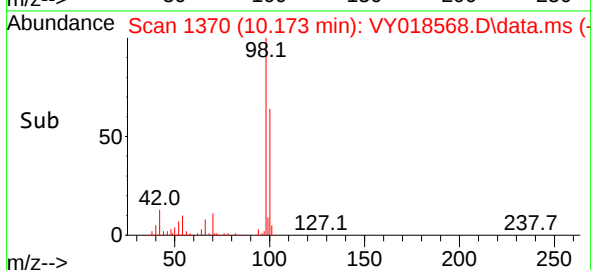
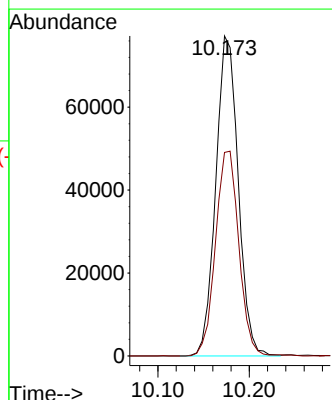
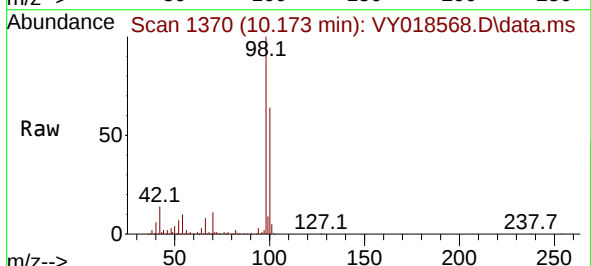
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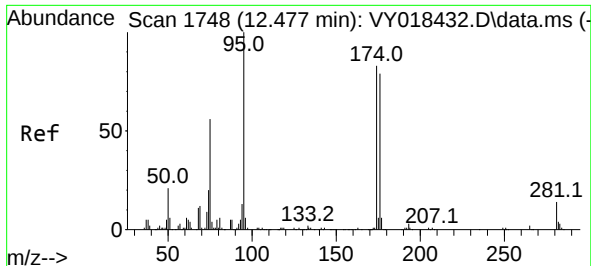
Tgt Ion: 98 Resp: 131775

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0

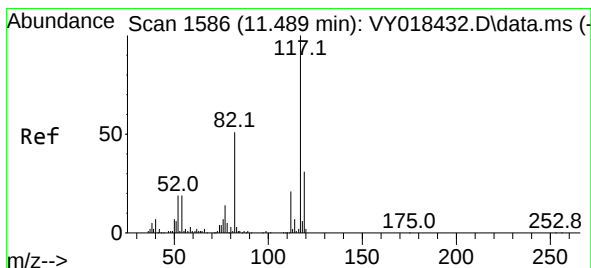
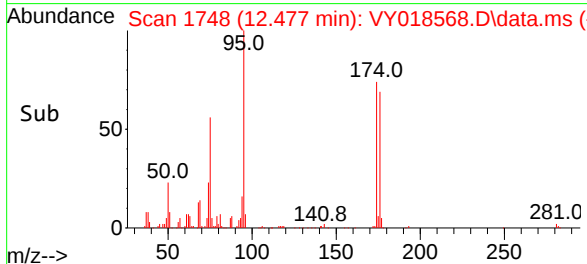
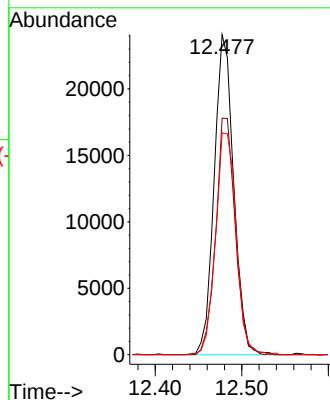
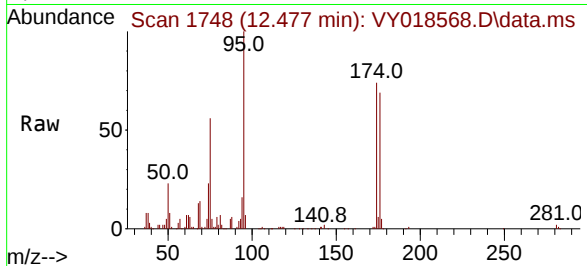




#62
4-Bromofluorobenzene
Concen: 38.795 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

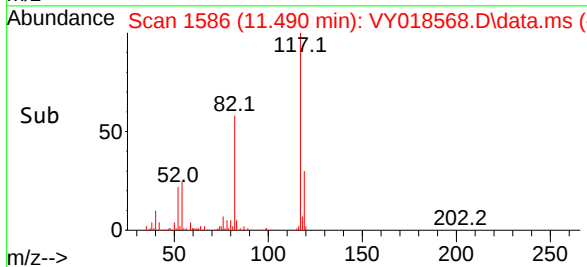
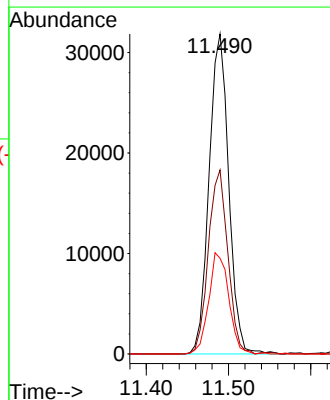
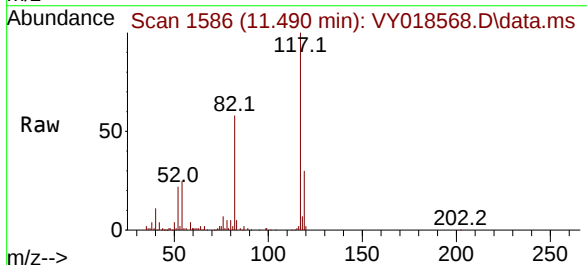
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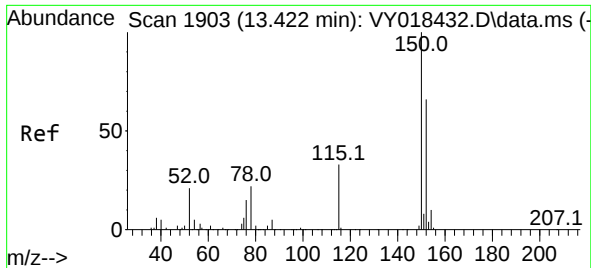
Tgt Ion: 95 Resp: 37702
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 73.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018568.D
Acq: 12 Jun 2024 14:49

Tgt Ion: 117 Resp: 52841
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 29.9 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: VY018568.D

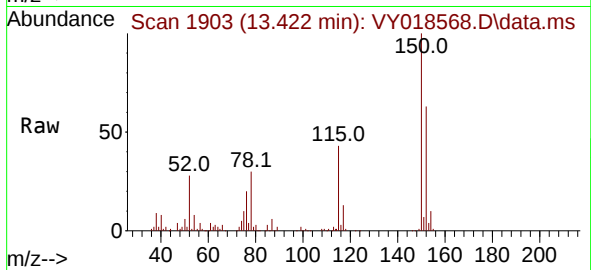
Acq: 12 Jun 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBL01



Tgt Ion:152 Resp: 33400

Ion Ratio Lower Upper

152 100

115 63.1 28.2 84.7

150 158.9 0.0 345.6

