

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037671.D
 Acq On : 12 Sep 2023 16:13
 Operator : JC/MD
 Sample : 04256-03ME
 Misc : 6.36g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2ME

Quant Time: Sep 13 01:46:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

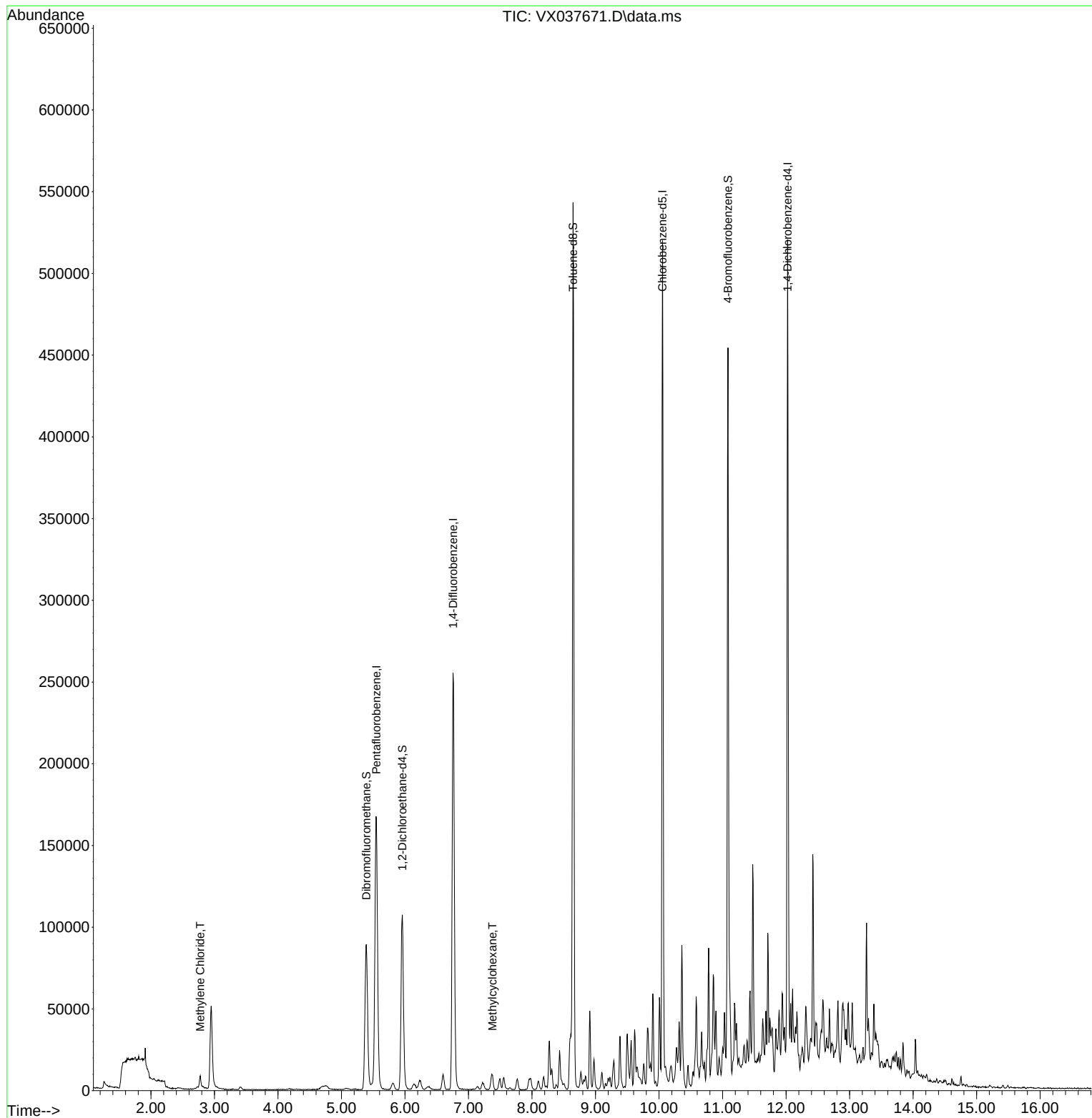
Internal Standards						
1) Pentafluorobenzene	5.550	168	158519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103550	40.375	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.740%
35) Dibromofluoromethane	5.391	113	78383	41.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.380%
50) Toluene-d8	8.647	98	319880	45.111	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.220%#
62) 4-Bromofluorobenzene	11.085	95	106876	41.778	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.560%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.776	84	4533	1.013	ug/l #	88
39) Methylcyclohexane	7.379	83	4032	1.332	ug/l	92

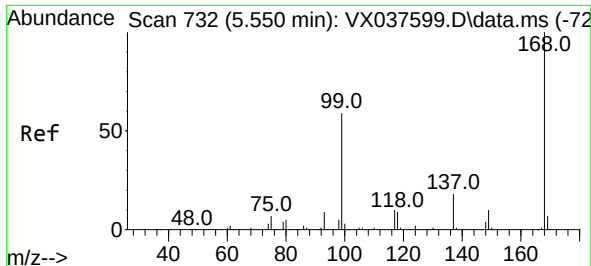
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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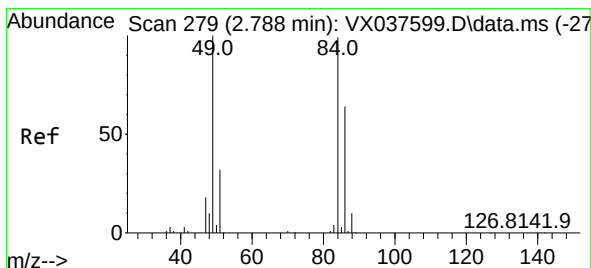
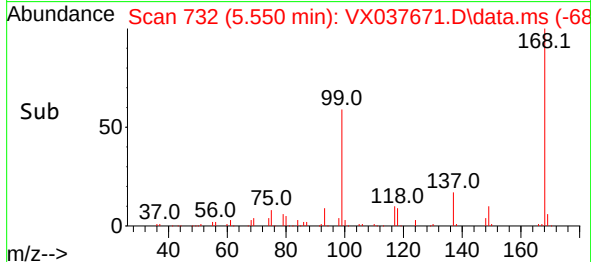
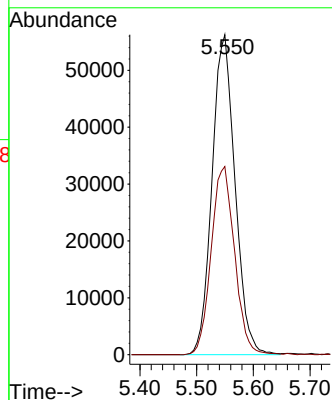
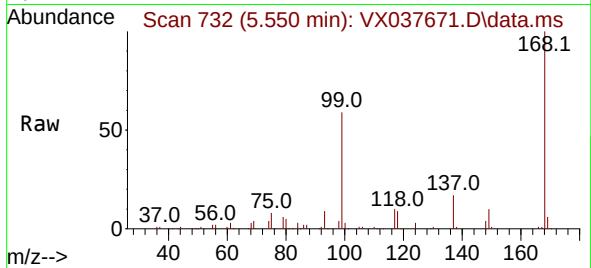




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037671.D
Acq: 12 Sep 2023 16:13

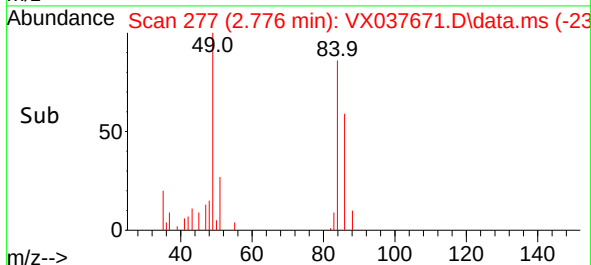
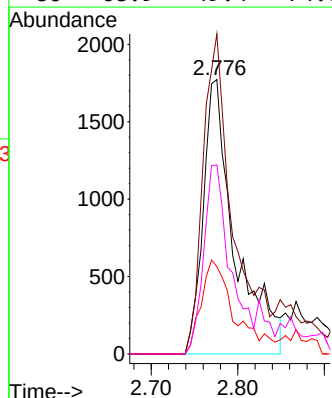
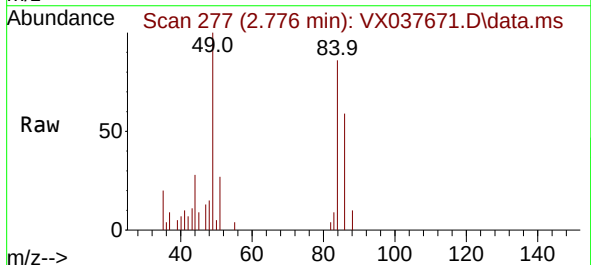
Instrument :
MSVOA_X
ClientSampleId :
MW-2ME

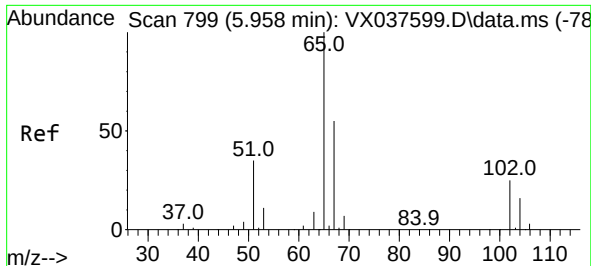
Tgt Ion:168 Resp: 158519
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#20
Methylene Chloride
Concen: 1.013 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX037671.D
Acq: 12 Sep 2023 16:13

Tgt Ion: 84 Resp: 4533
Ion Ratio Lower Upper
84 100
49 116.6 103.6 155.4
51 31.8 33.8 50.6#
86 68.9 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 40.375 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037671.D

Acq: 12 Sep 2023 16:13

Instrument :

MSVOA_X

ClientSampleId :

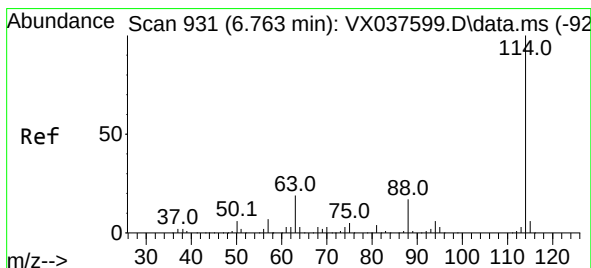
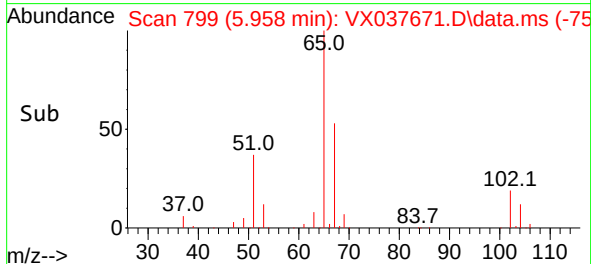
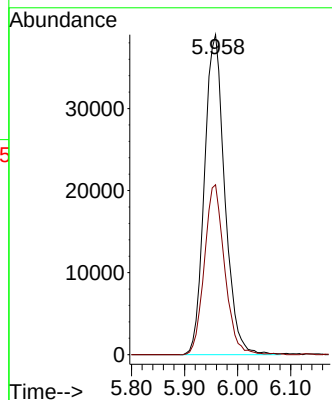
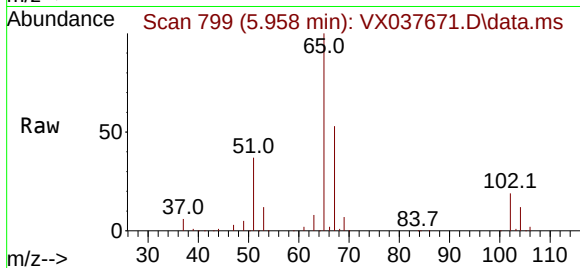
MW-2ME

Tgt Ion: 65 Resp: 103550

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037671.D

Acq: 12 Sep 2023 16:13

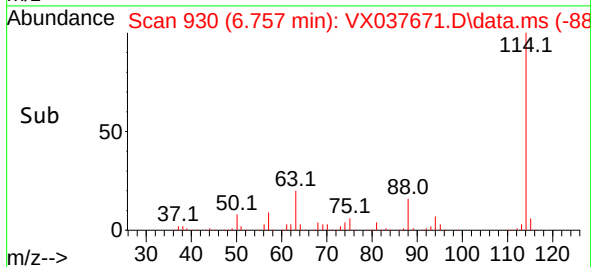
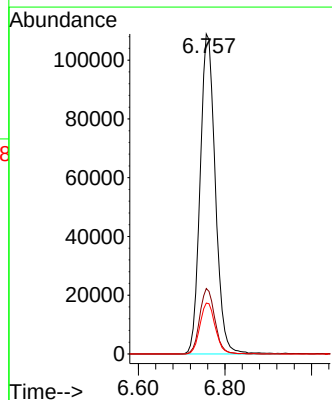
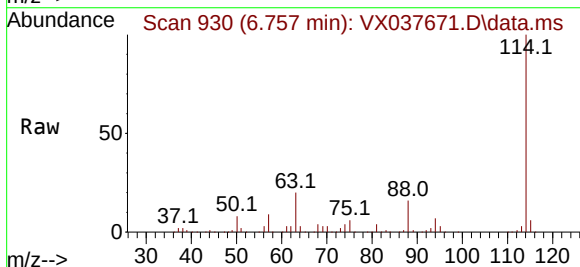
Tgt Ion: 114 Resp: 265255

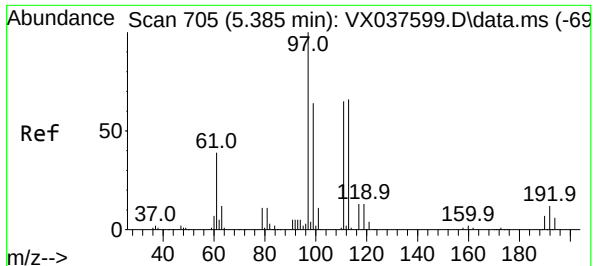
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 41.690 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037671.D

Acq: 12 Sep 2023 16:13

Instrument :

MSVOA_X

ClientSampleId :

MW-2ME

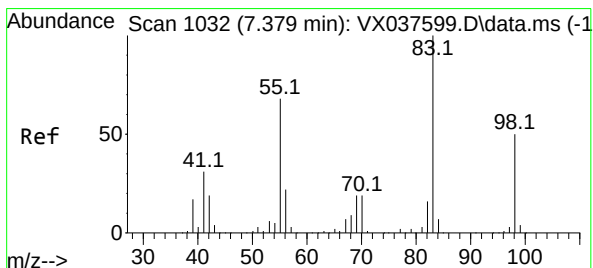
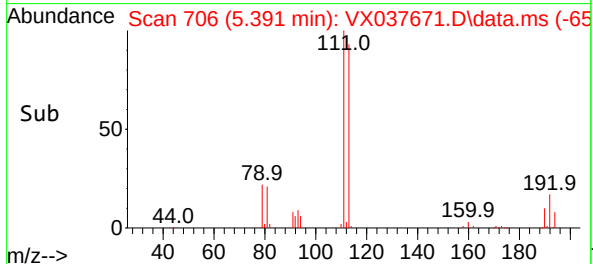
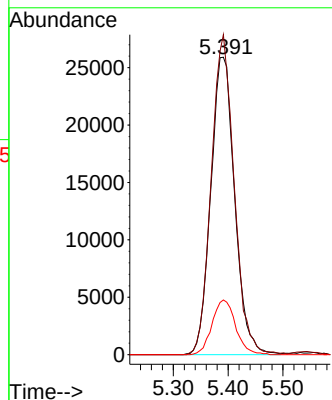
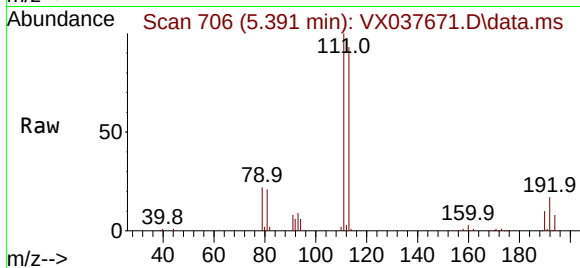
Tgt Ion:113 Resp: 78383

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 18.2 13.3 19.9



#39

Methylcyclohexane

Concen: 1.332 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037671.D

Acq: 12 Sep 2023 16:13

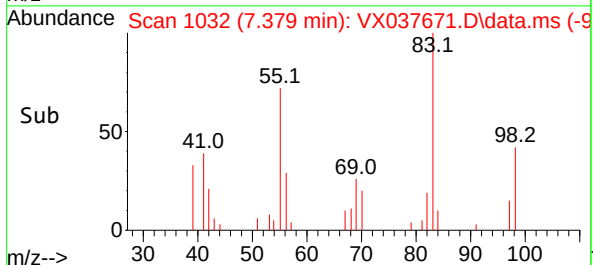
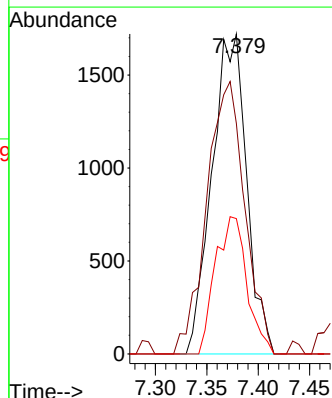
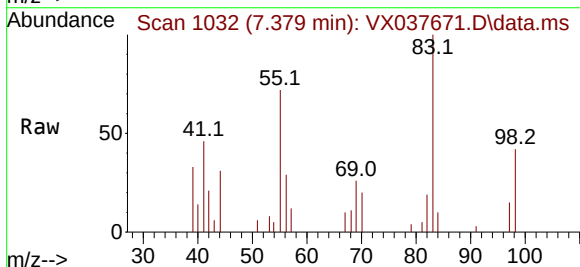
Tgt Ion: 83 Resp: 4032

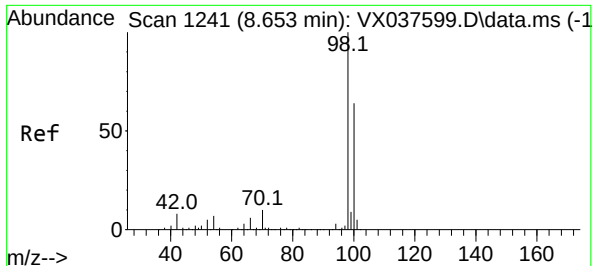
Ion Ratio Lower Upper

83 100

55 72.1 64.6 97.0

98 42.3 36.7 55.1





#50

Toluene-d8

Concen: 45.111 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037671.D

Acq: 12 Sep 2023 16:13

Instrument :

MSVOA_X

ClientSampleId :

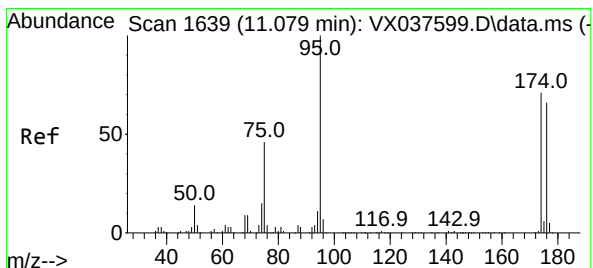
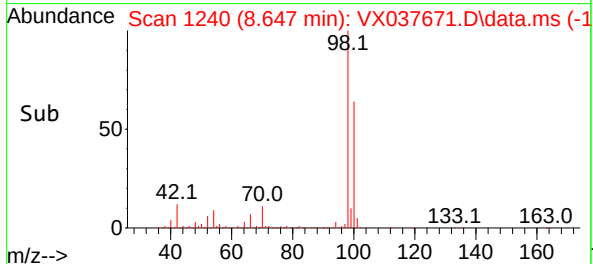
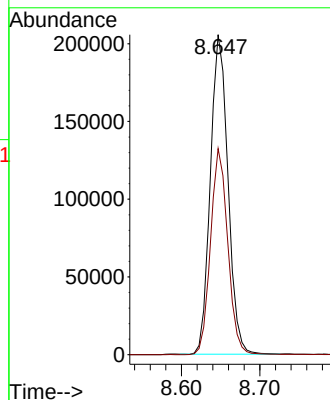
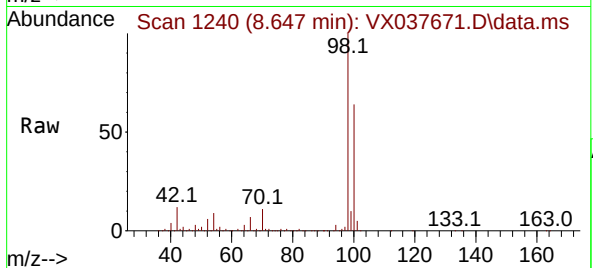
MW-2ME

Tgt Ion: 98 Resp: 319880

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 41.778 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX037671.D

Acq: 12 Sep 2023 16:13

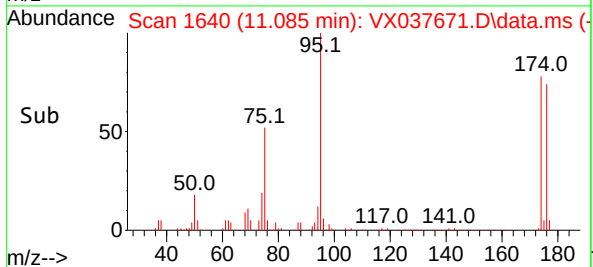
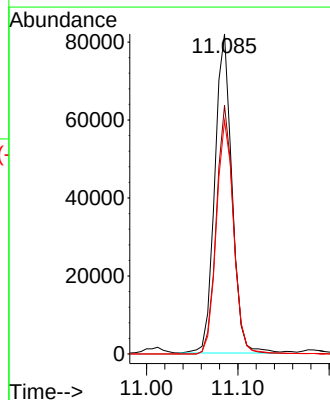
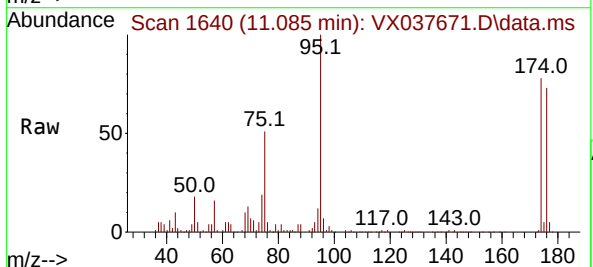
Tgt Ion: 95 Resp: 106876

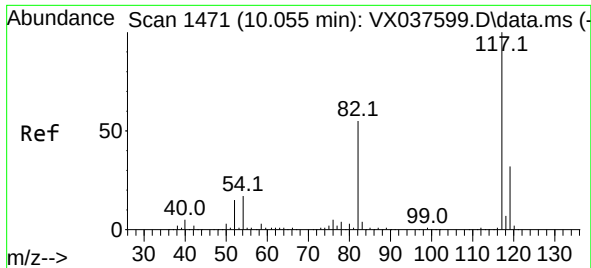
Ion Ratio Lower Upper

95 100

174 77.4 0.0 135.6

176 74.0 0.0 131.0

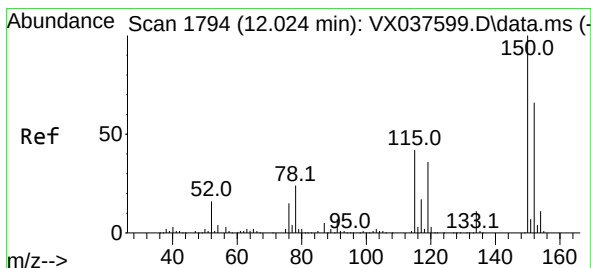
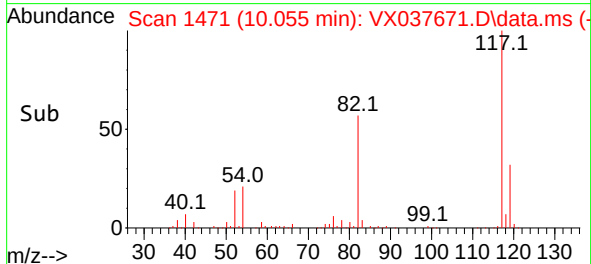
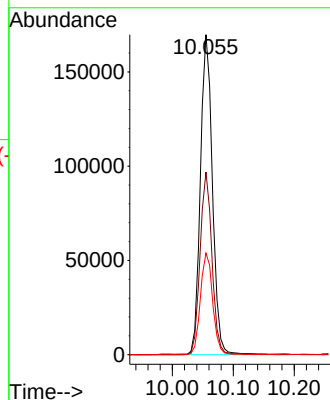
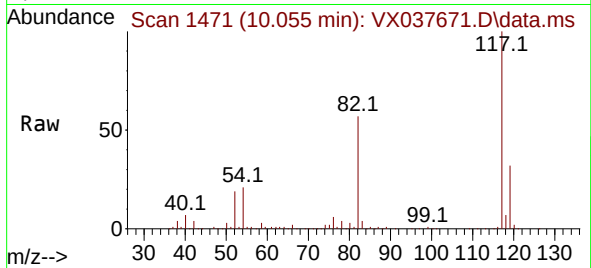




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037671.D
Acq: 12 Sep 2023 16:13

Instrument :
MSVOA_X
ClientSampleId :
MW-2ME

Tgt Ion:117 Resp: 232899
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037671.D
Acq: 12 Sep 2023 16:13

Tgt Ion:152 Resp: 97544
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 162.0 0.0 345.0

