

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030981.D
 Acq On : 31 Aug 2022 16:20
 Operator : JC/MD
 Sample : N4381-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-43

Quant Time: Sep 01 00:57:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

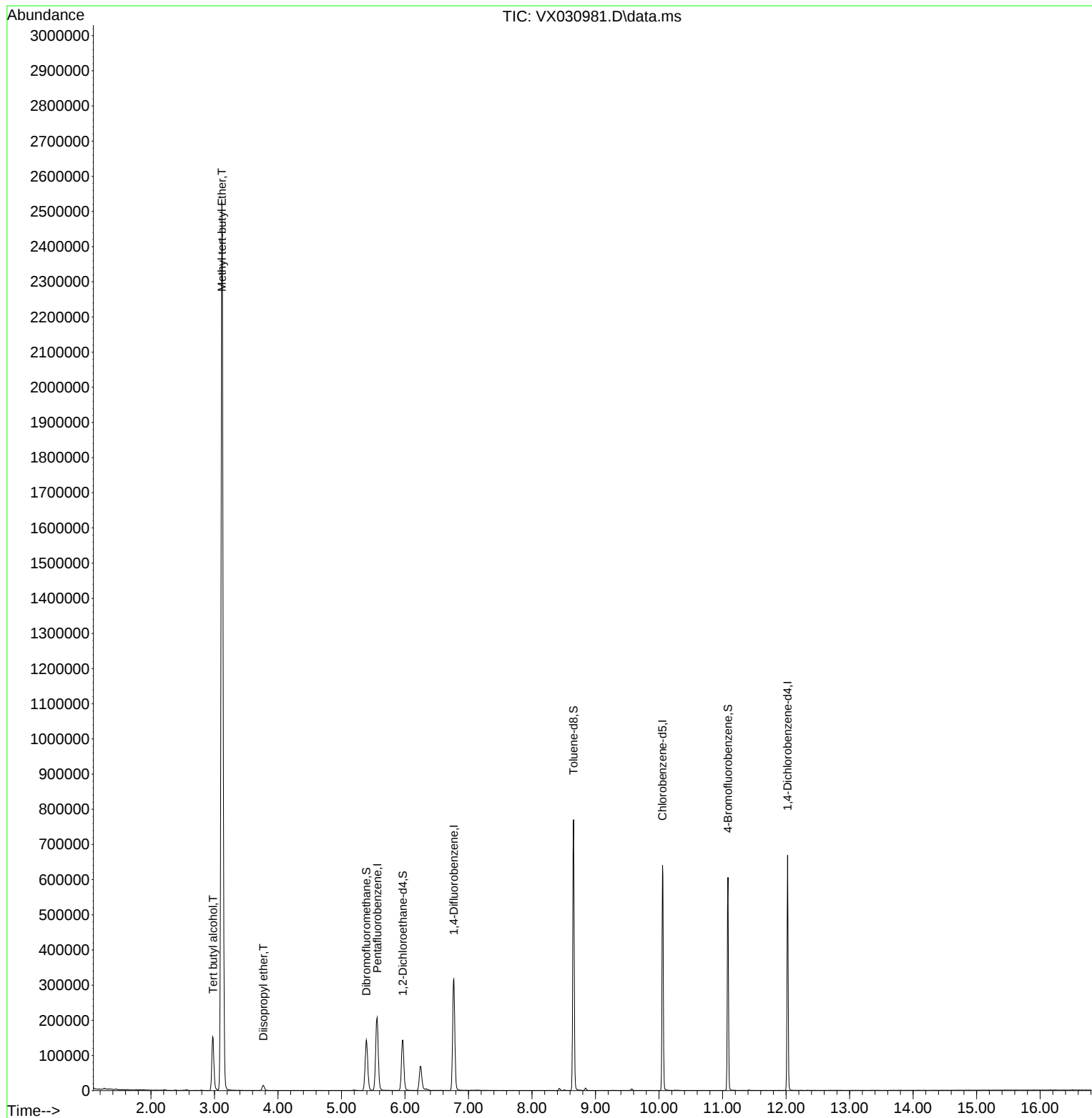
Internal Standards						
1) Pentafluorobenzene	5.562	168	206052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	346740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140082	47.399	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.800%
35) Dibromofluoromethane	5.391	113	129413	50.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.260%
50) Toluene-d8	8.653	98	480528	50.765	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.085	95	165467	49.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	195601	279.355	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	2979158	365.260	ug/l	95
22) Diisopropyl ether	3.770	45	15022	1.794	ug/l #	68

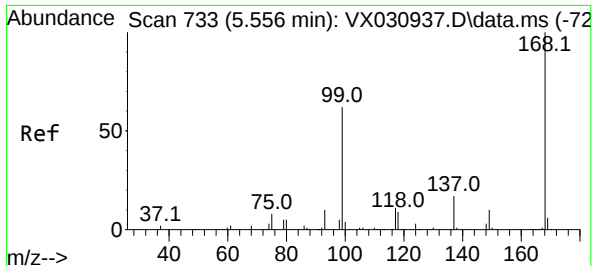
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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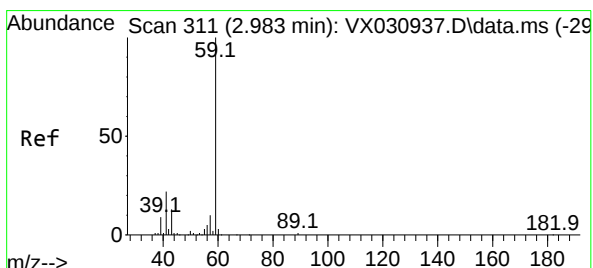
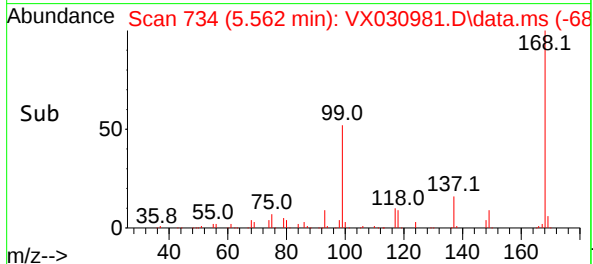
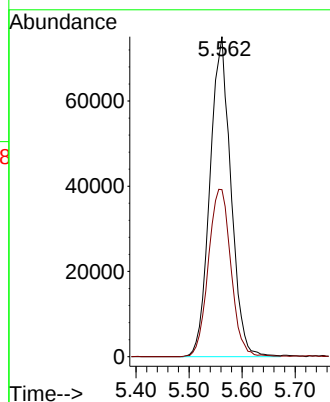
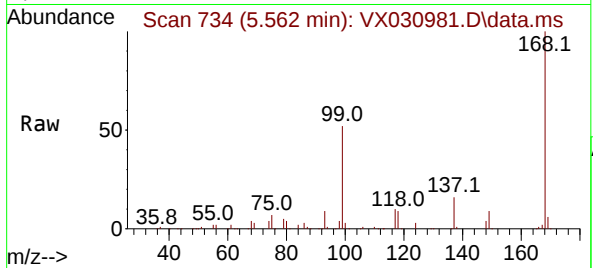




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030981.D
Acq: 31 Aug 2022 16:20

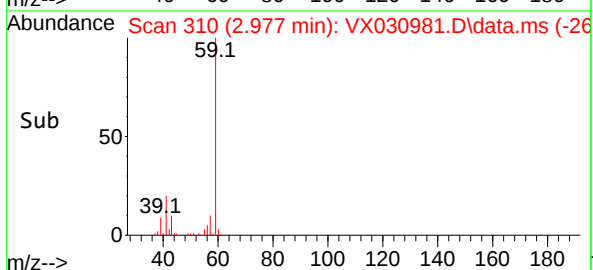
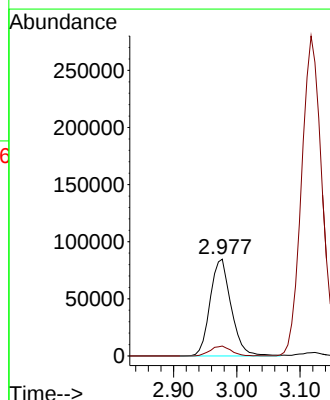
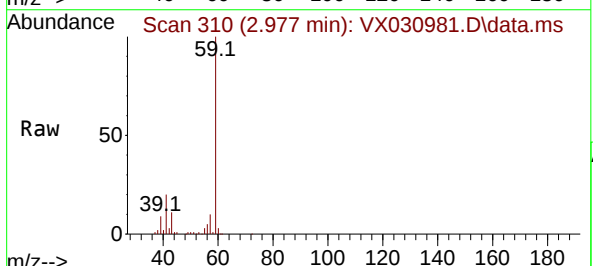
Instrument :
MSVOA_X
ClientSampleId :
MW-43

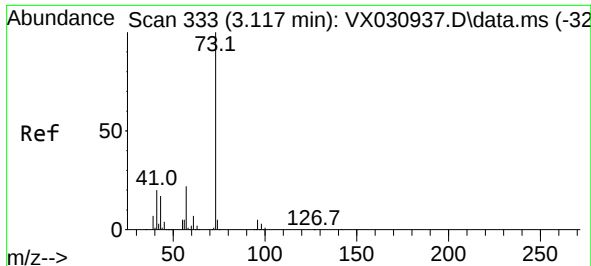
Tgt Ion:168 Resp: 206052
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0



#11
Tert butyl alcohol
Concen: 279.355 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX030981.D
Acq: 31 Aug 2022 16:20

Tgt Ion: 59 Resp: 195601
Ion Ratio Lower Upper
59 100
57 10.4 7.4 11.2

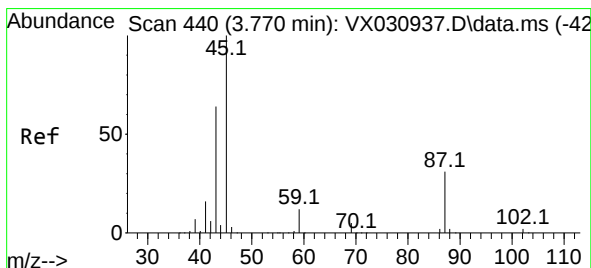
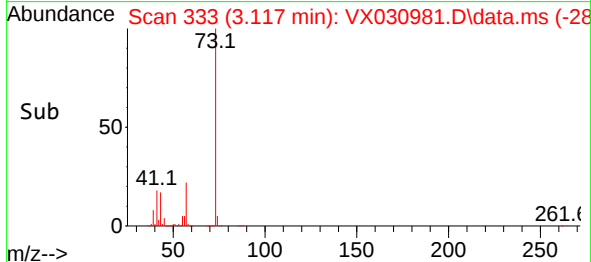
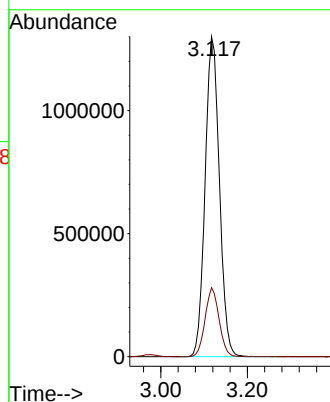
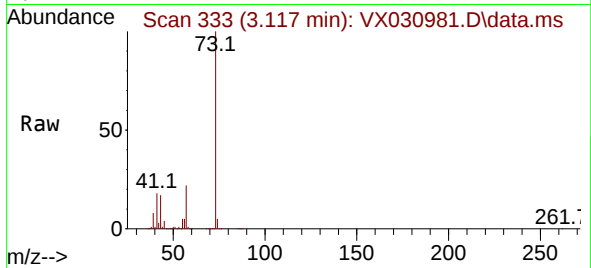




#19
Methyl tert-butyl Ether
Concen: 365.260 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030981.D
Acq: 31 Aug 2022 16:20

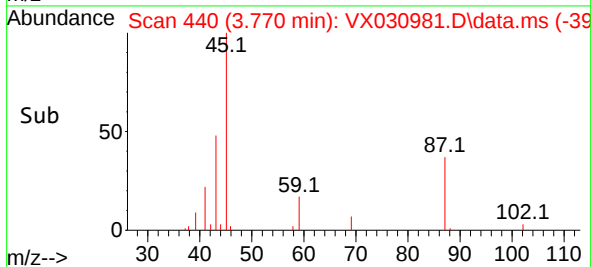
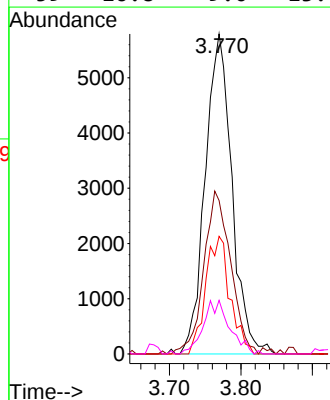
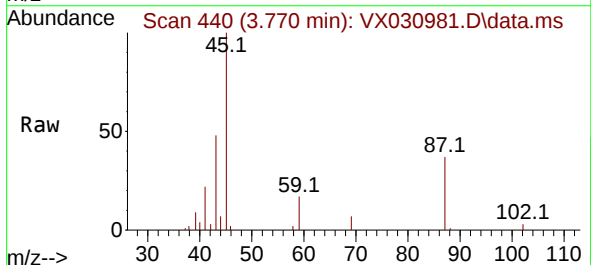
Instrument :
MSVOA_X
ClientSampleId :
MW-43

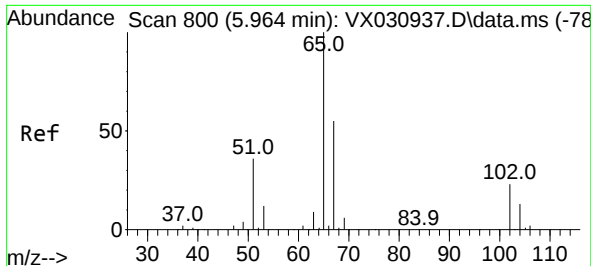
Tgt Ion: 73 Resp: 2979158
Ion Ratio Lower Upper
73 100
57 21.5 19.0 28.6



#22
Diisopropyl ether
Concen: 1.794 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX030981.D
Acq: 31 Aug 2022 16:20

Tgt Ion: 45 Resp: 15022
Ion Ratio Lower Upper
45 100
43 46.7 65.4 98.0#
87 36.7 22.3 33.5#
59 16.8 9.0 13.4#





#33

1,2-Dichloroethane-d4

Concen: 47.399 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030981.D

Acq: 31 Aug 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

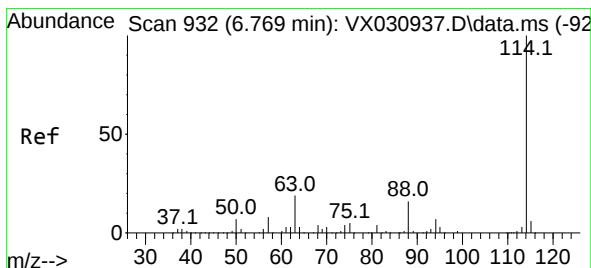
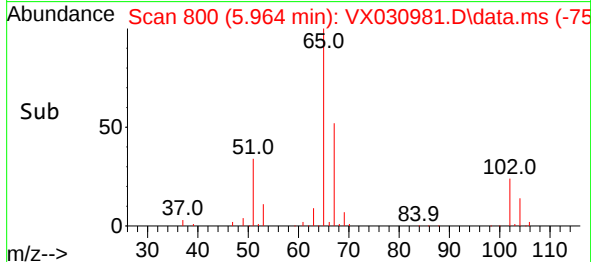
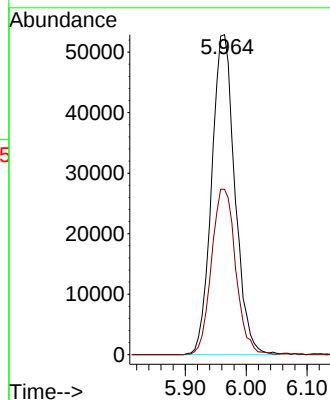
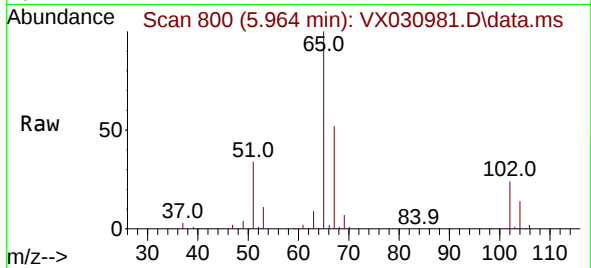
MW-43

Tgt Ion: 65 Resp: 140082

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030981.D

Acq: 31 Aug 2022 16:20

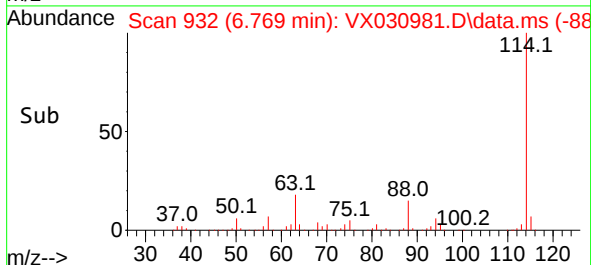
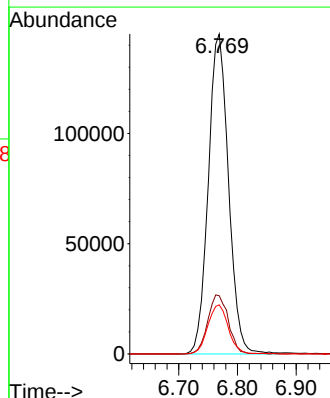
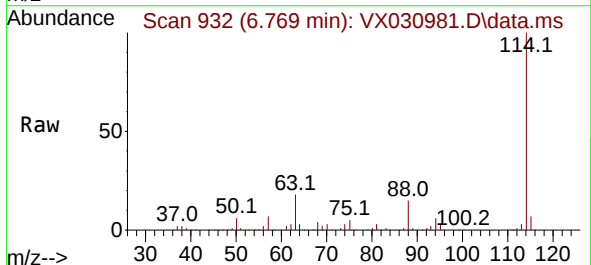
Tgt Ion: 114 Resp: 346740

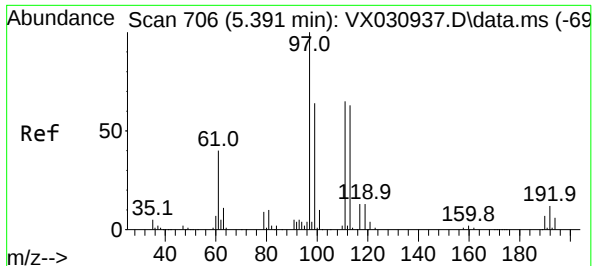
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.631 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030981.D

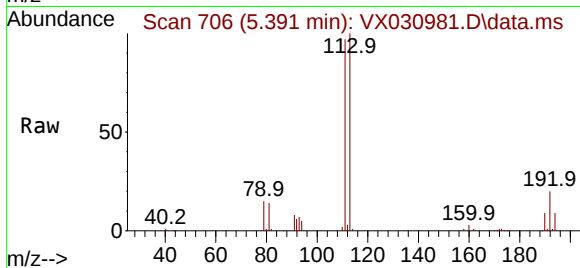
Acq: 31 Aug 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

MW-43



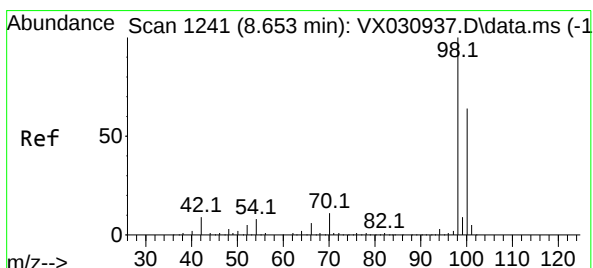
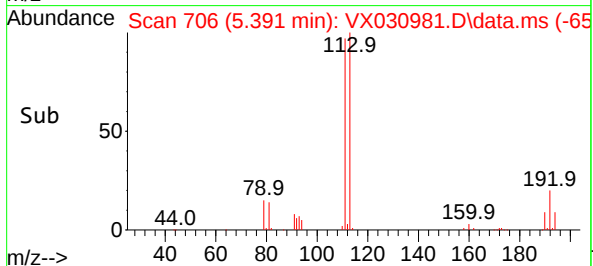
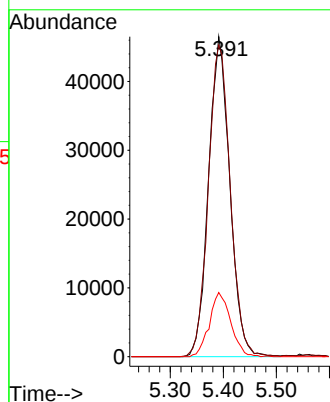
Tgt Ion:113 Resp: 129413

Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

192 20.2 14.8 22.2



#50

Toluene-d8

Concen: 50.765 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030981.D

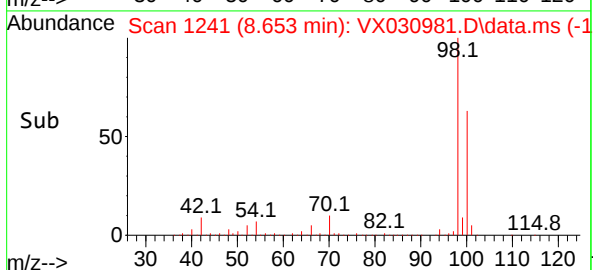
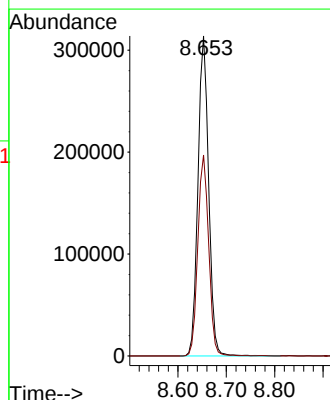
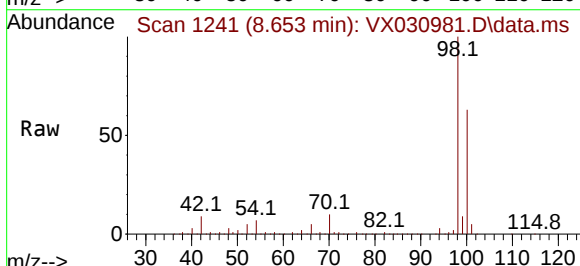
Acq: 31 Aug 2022 16:20

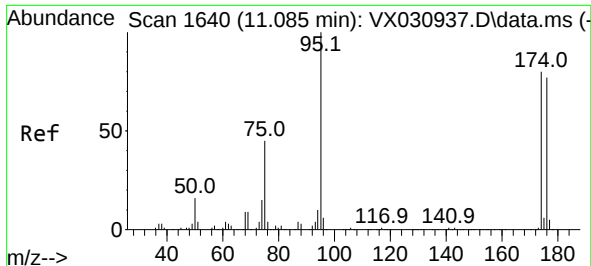
Tgt Ion: 98 Resp: 480528

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5

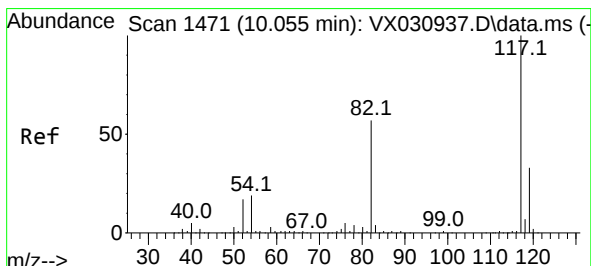
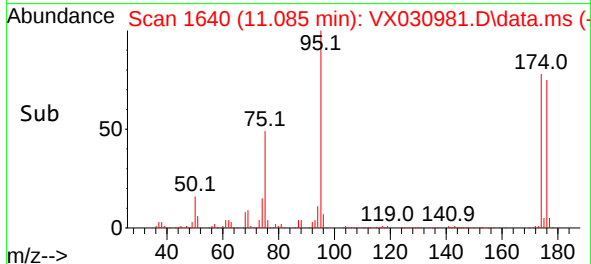
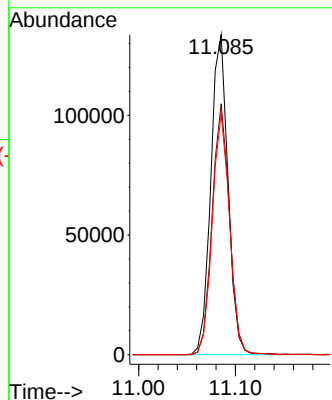
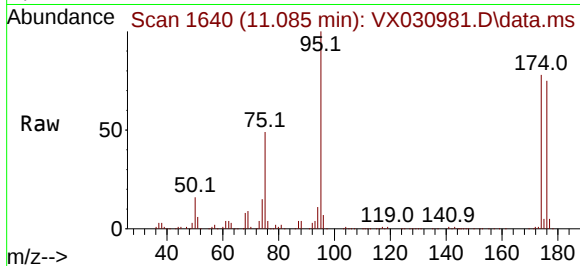




#62
4-Bromofluorobenzene
Concen: 49.088 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030981.D
Acq: 31 Aug 2022 16:20

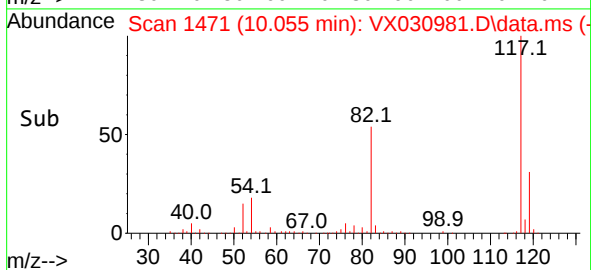
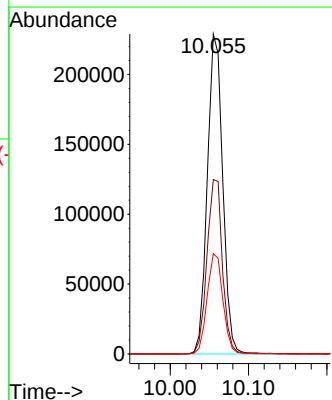
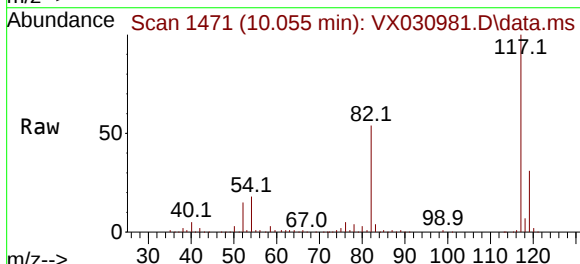
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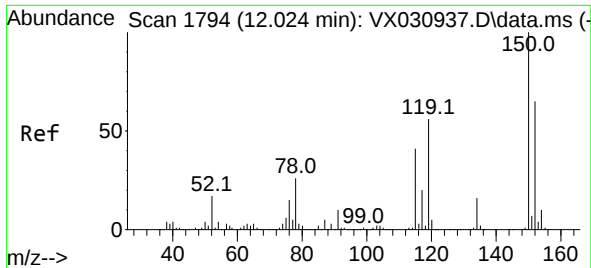
Tgt Ion: 95 Resp: 165467
Ion Ratio Lower Upper
95 100
174 78.8 0.0 149.0
176 75.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030981.D
Acq: 31 Aug 2022 16:20

Tgt Ion: 117 Resp: 311586
Ion Ratio Lower Upper
117 100
82 54.5 42.7 64.1
119 31.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030981.D

Acq: 31 Aug 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

MW-43

Tgt Ion:152 Resp: 142340

Ion Ratio Lower Upper

152 100

115 59.0 40.5 121.5

150 152.1 0.0 347.0

