

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030988.D
 Acq On : 31 Aug 2022 19:05
 Operator : JC/MD
 Sample : N4381-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24DL

Quant Time: Sep 01 00:58:37 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)

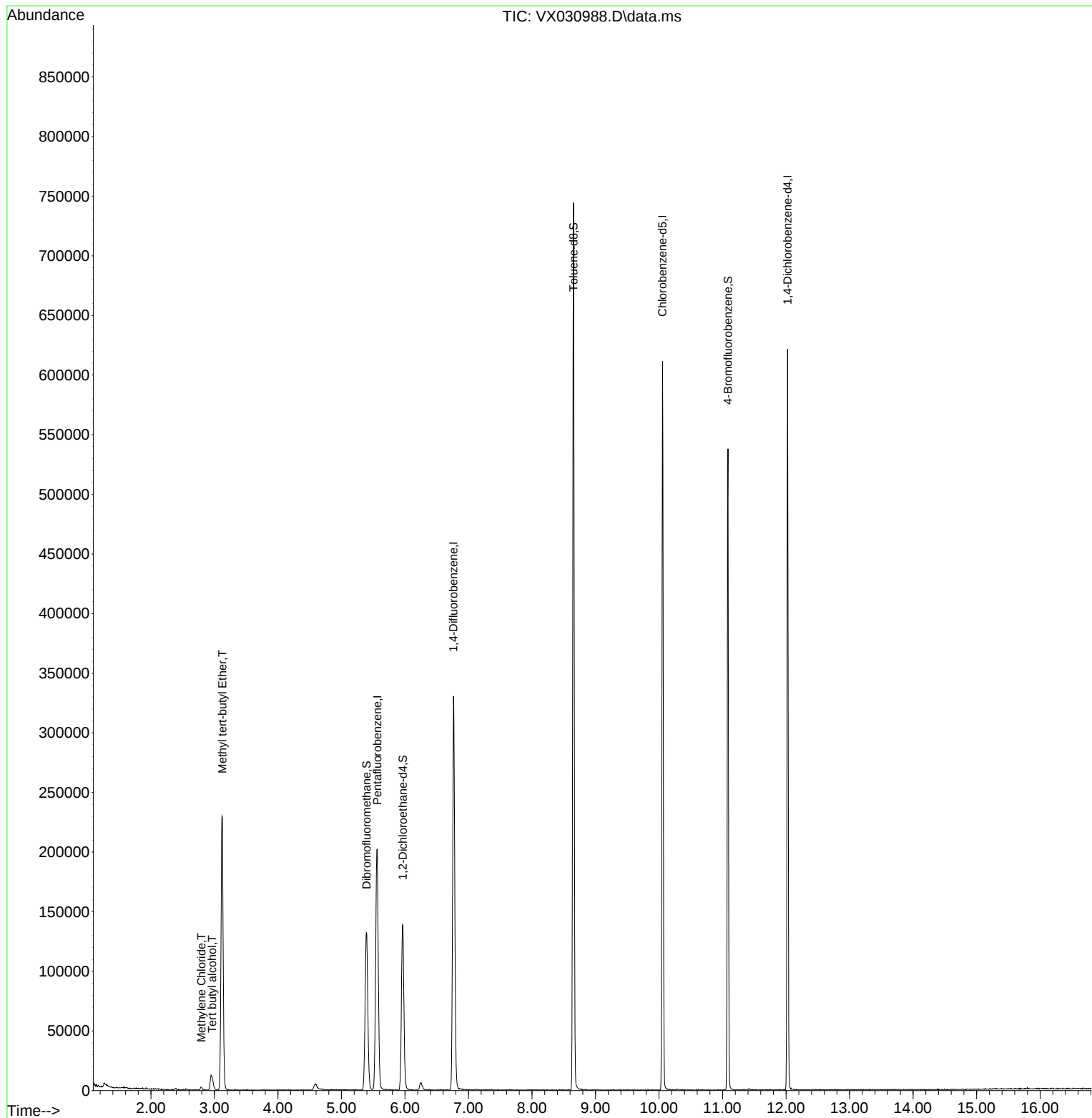
Internal Standards						
1) Pentafluorobenzene	5.562	168	200539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	347672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136256	47.372	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.740%
35) Dibromofluoromethane	5.397	113	122516	47.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.653	98	457326	48.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.085	95	145859	43.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	13107	19.234	ug/l #	74
19) Methyl tert-butyl Ether	3.123	73	271461	34.197	ug/l	91
20) Methylene Chloride	2.794	84	1392	0.472	ug/l	83

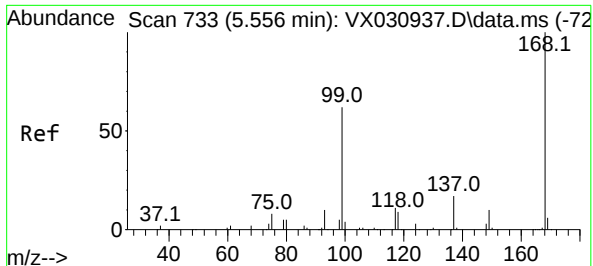
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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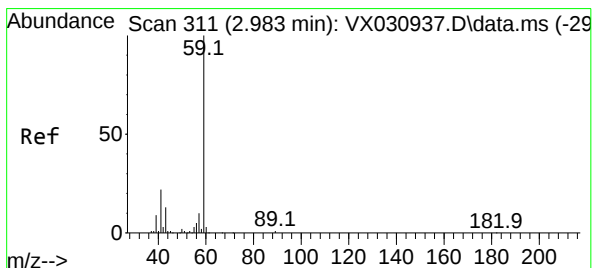
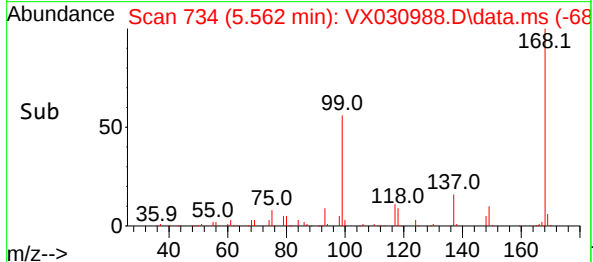
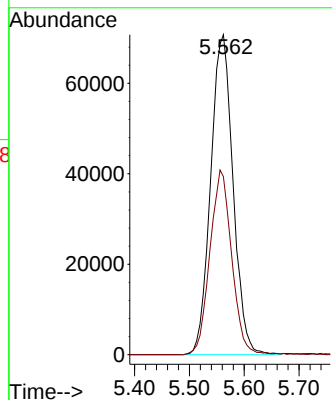
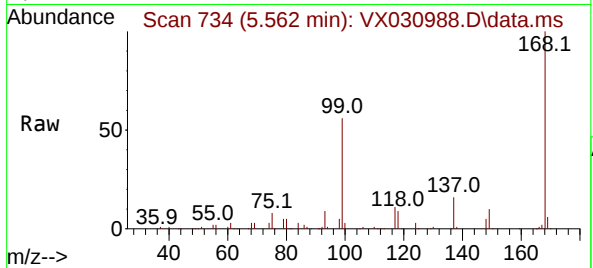




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

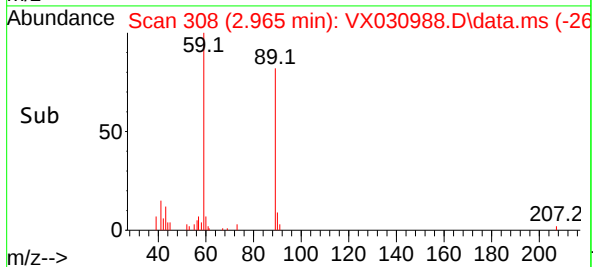
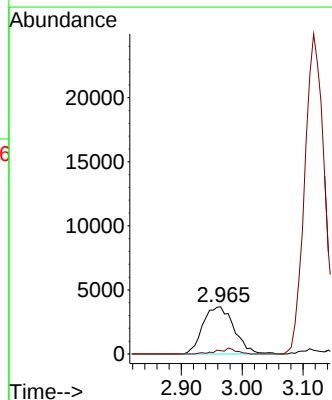
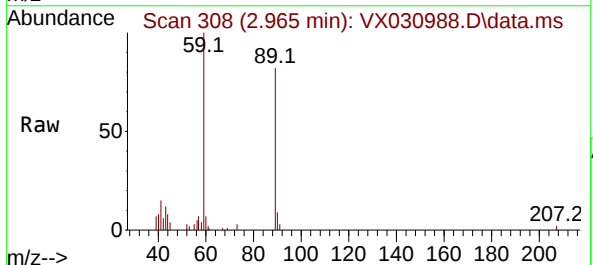
Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

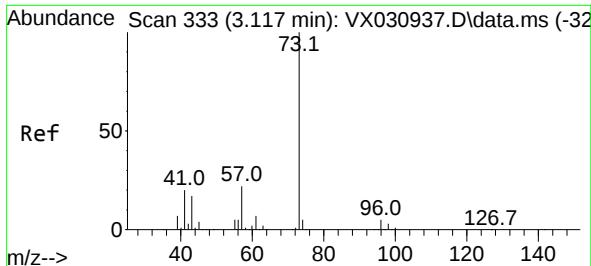
Tgt Ion:168 Resp: 200539
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#11
Tert butyl alcohol
Concen: 19.234 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 59 Resp: 13107
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

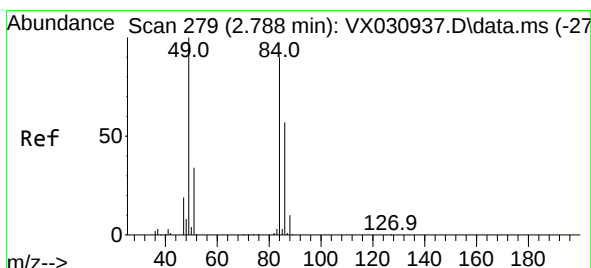
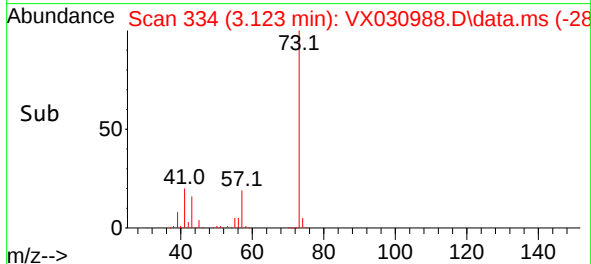
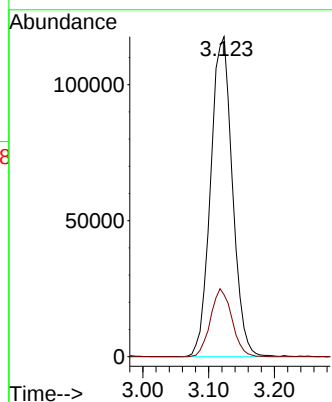
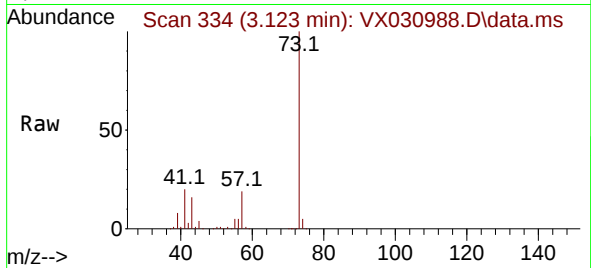




#19
Methyl tert-butyl Ether
Concen: 34.197 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

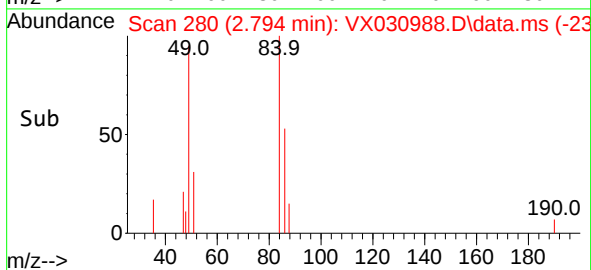
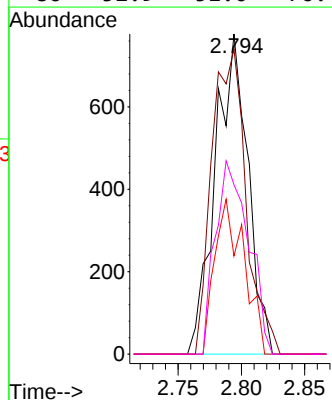
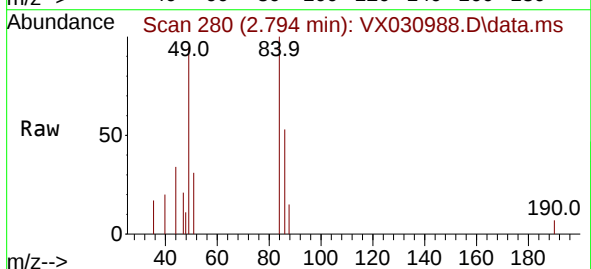
Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

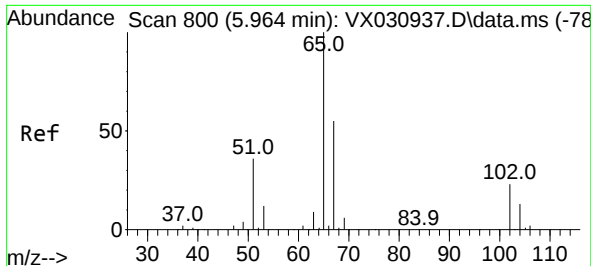
Tgt Ion: 73 Resp: 271461
Ion Ratio Lower Upper
73 100
57 19.4 19.0 28.6



#20
Methylene Chloride
Concen: 0.472 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 84 Resp: 1392
Ion Ratio Lower Upper
84 100
49 95.2 93.8 140.6
51 30.6 29.4 44.0
86 52.9 51.0 76.4

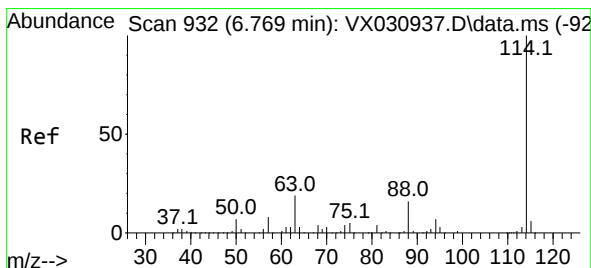
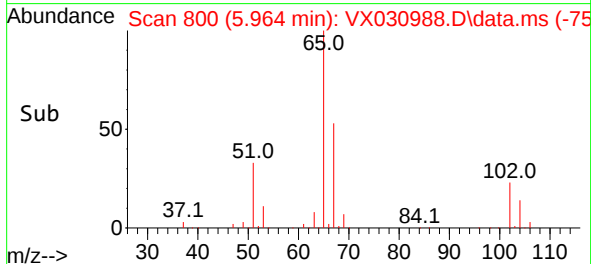
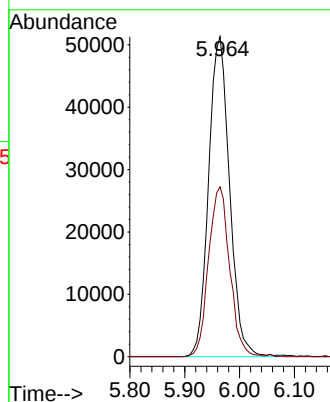
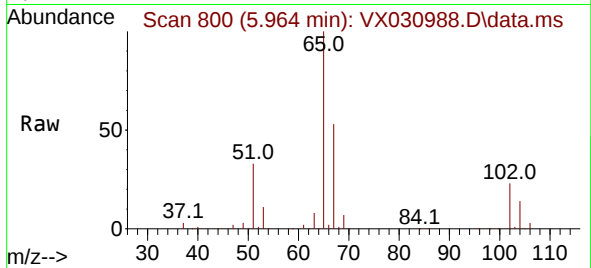




#33
 1,2-Dichloroethane-d4
 Concen: 47.372 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX030988.D
 Acq: 31 Aug 2022 19:05

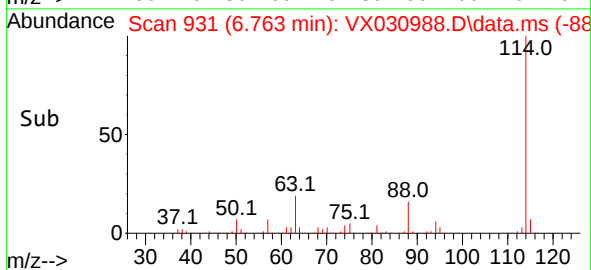
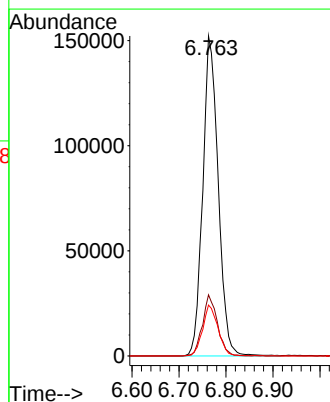
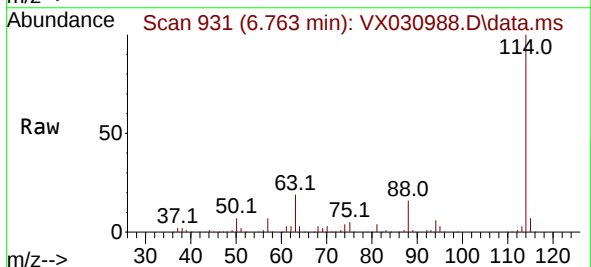
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24DL

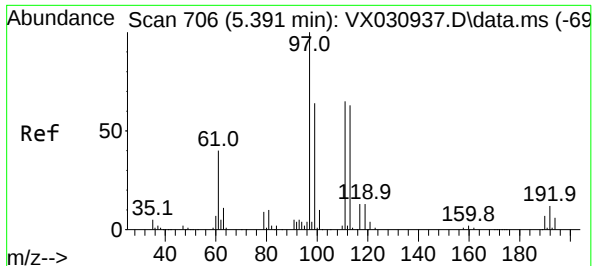
Tgt Ion: 65 Resp: 136256
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX030988.D
 Acq: 31 Aug 2022 19:05

Tgt Ion: 114 Resp: 347672
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.805 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030988.D

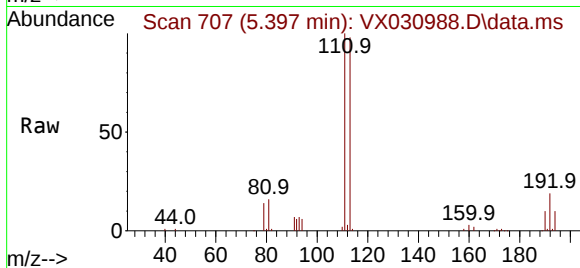
Acq: 31 Aug 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-24DL



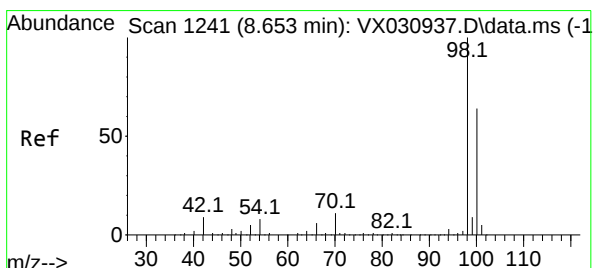
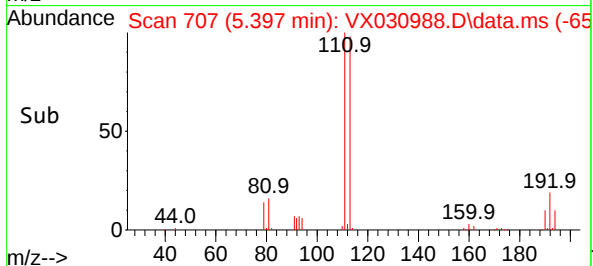
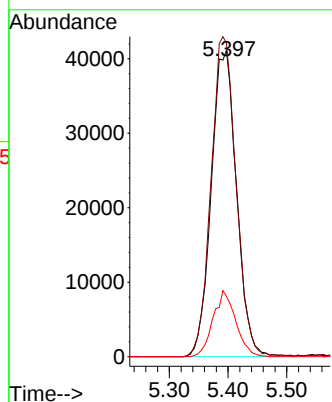
Tgt Ion:113 Resp: 122516

Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

192 19.4 14.8 22.2



#50

Toluene-d8

Concen: 48.184 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030988.D

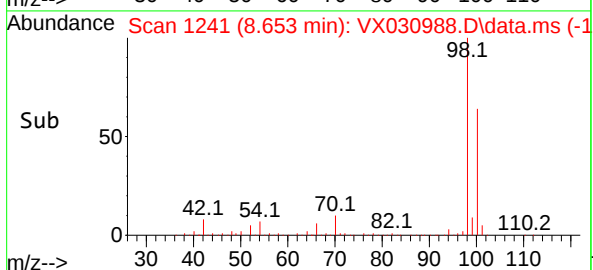
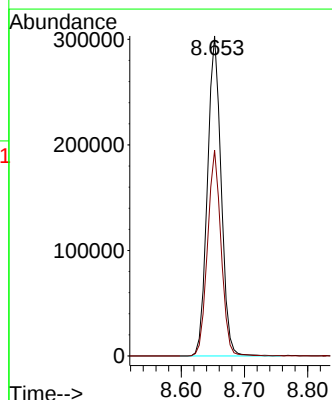
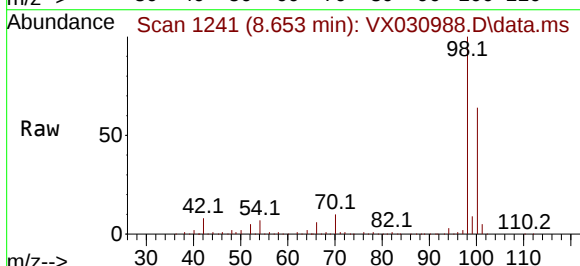
Acq: 31 Aug 2022 19:05

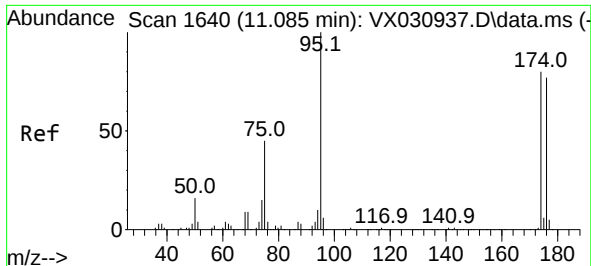
Tgt Ion: 98 Resp: 457326

Ion Ratio Lower Upper

98 100

100 63.7 52.3 78.5

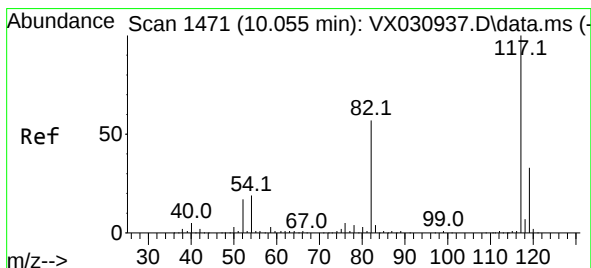
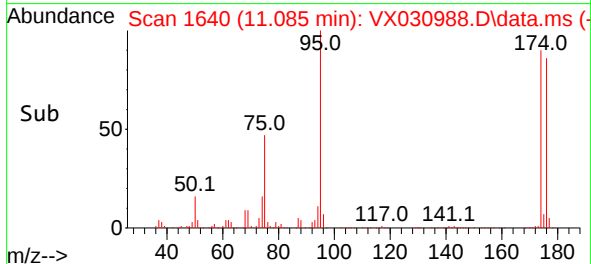
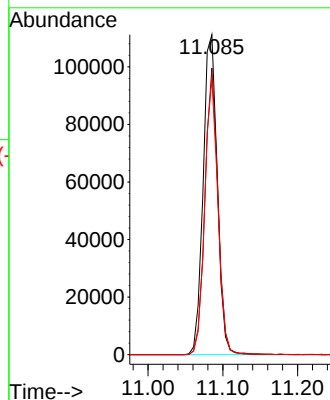
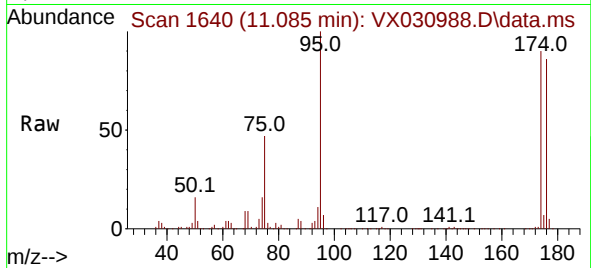




#62
4-Bromofluorobenzene
Concen: 43.155 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

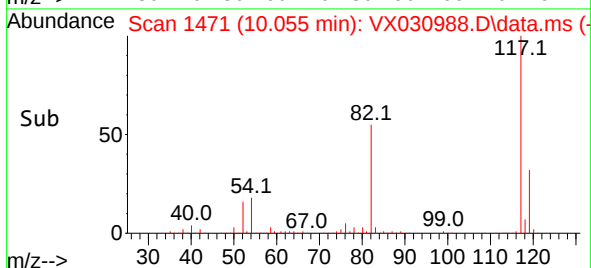
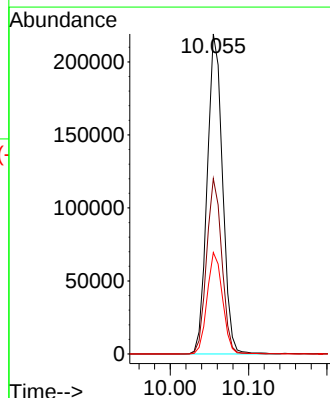
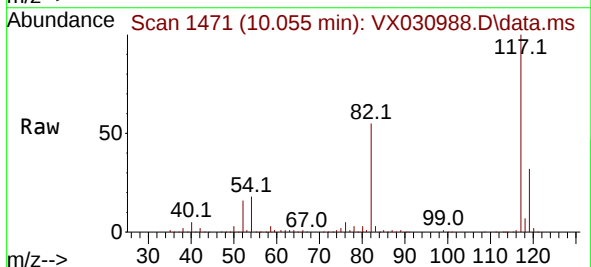
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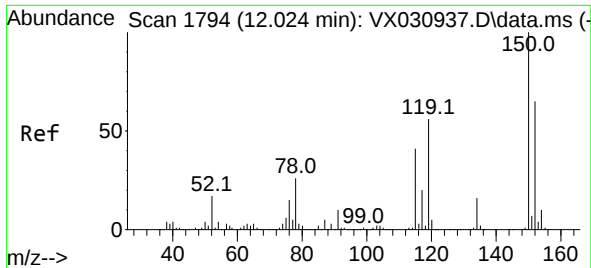
Tgt Ion: 95 Resp: 145859
Ion Ratio Lower Upper
95 100
174 82.8 0.0 149.0
176 80.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 117 Resp: 297764
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 31.7 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: VX030988.D
 Acq: 31 Aug 2022 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24DL

Tgt Ion:152 Resp: 132930
 Ion Ratio Lower Upper
 152 100
 115 59.0 40.5 121.5
 150 157.8 0.0 347.0

