

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029621.D
 Acq On : 20 Jun 2022 14:30
 Operator : JC/MD
 Sample : N3290-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19DL

Quant Time: Jun 21 01:50:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

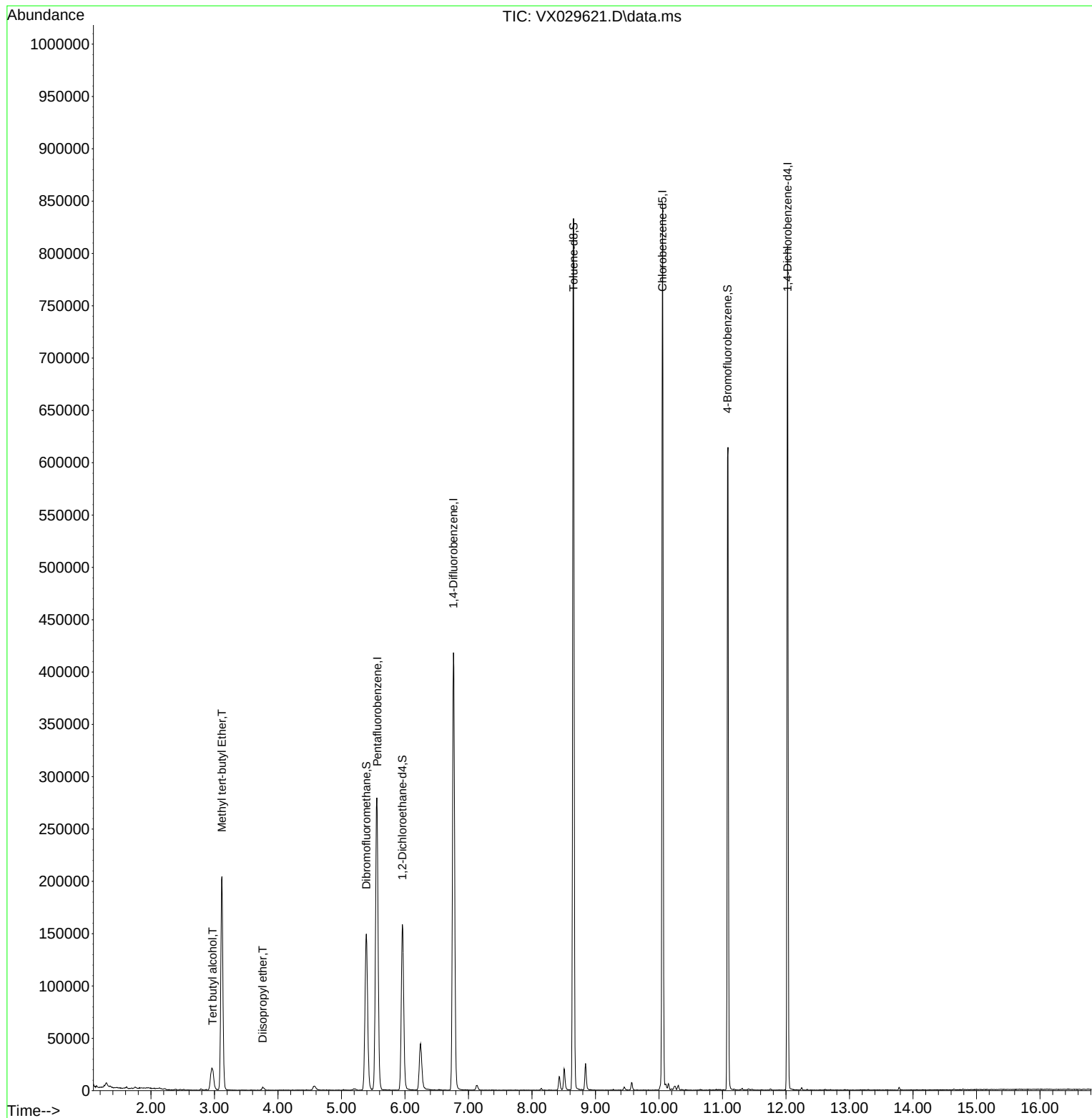
Internal Standards						
1) Pentafluorobenzene	5.562	168	268723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153185	43.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.120%
35) Dibromofluoromethane	5.391	113	133911	45.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.400%
50) Toluene-d8	8.653	98	511218	47.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.480%
62) 4-Bromofluorobenzene	11.079	95	182926	44.821	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	31587	32.705	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	239785	25.370	ug/l	97
22) Diisopropyl ether	3.758	45	2715	0.312	ug/l #	87

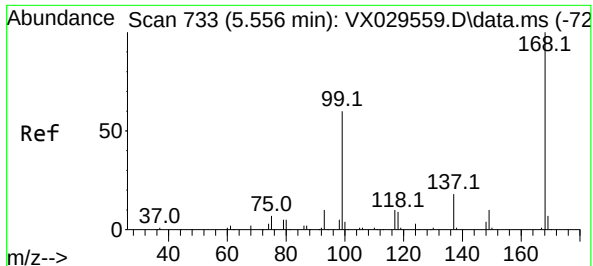
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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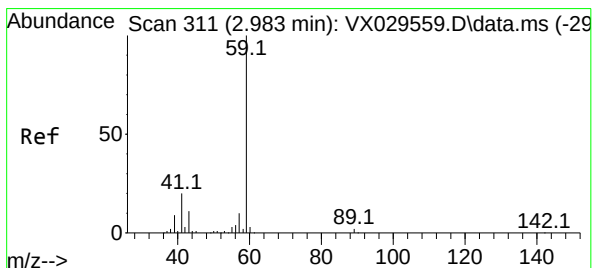
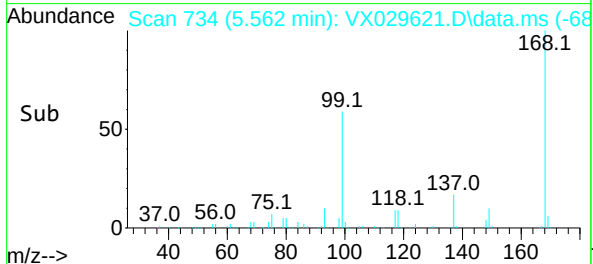
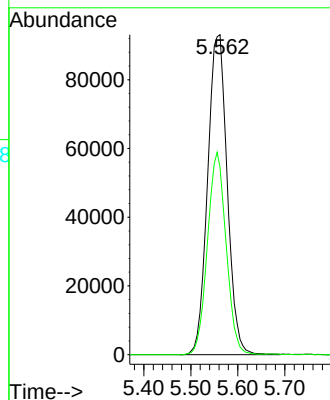
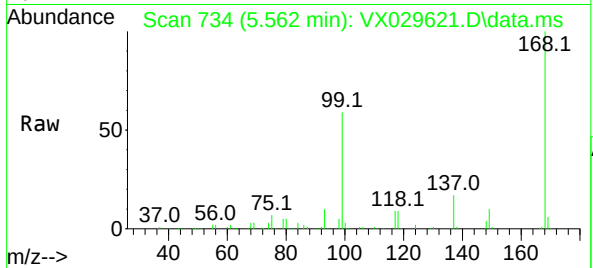




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

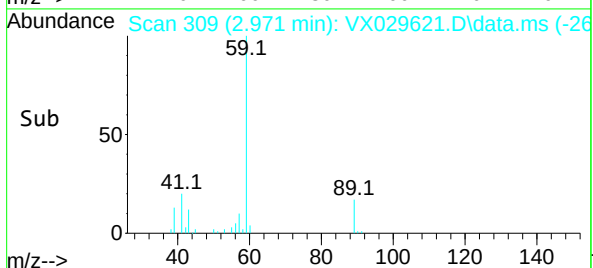
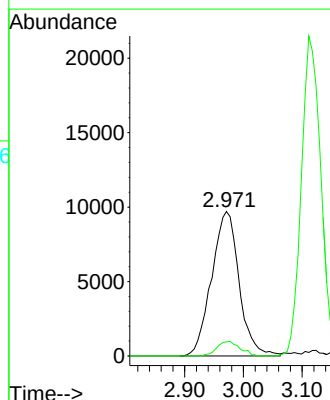
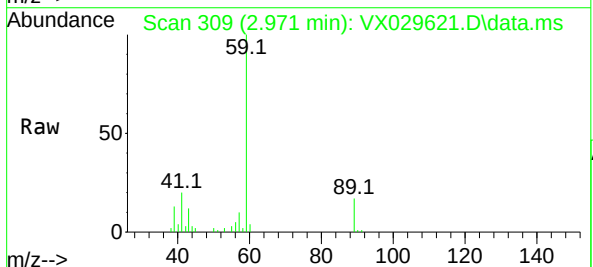
Instrument :
MSVOA_X
ClientSampleId :
MW-19DL

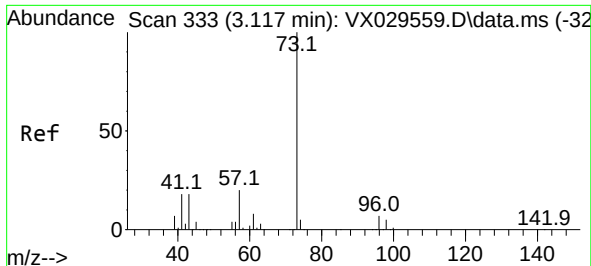
Tgt Ion:168 Resp: 268723
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#11
Tert butyl alcohol
Concen: 32.705 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 59 Resp: 31587
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5

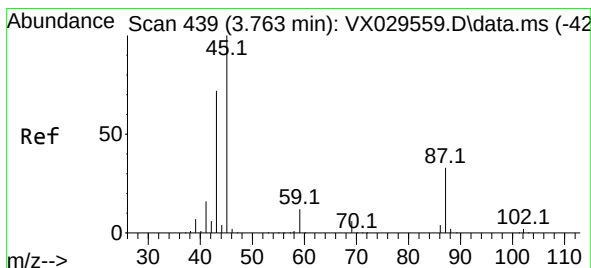
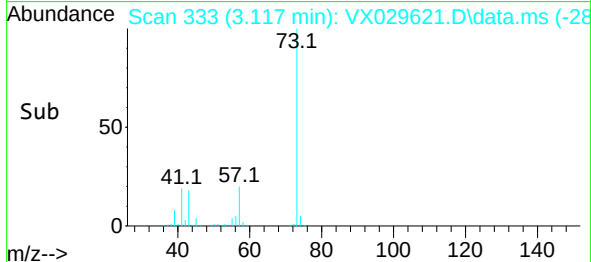
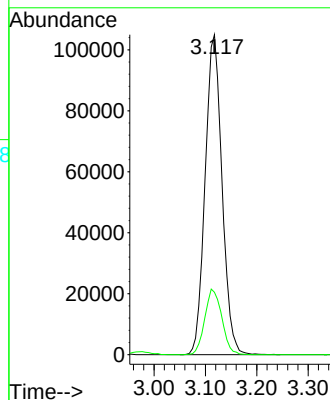
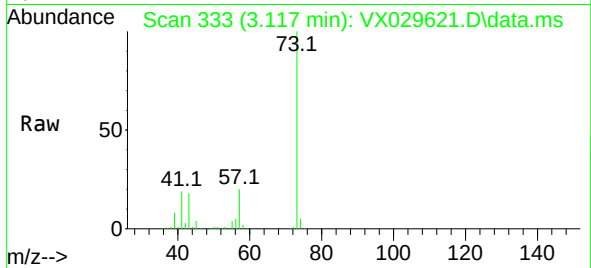




#19
Methyl tert-butyl Ether
Concen: 25.370 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

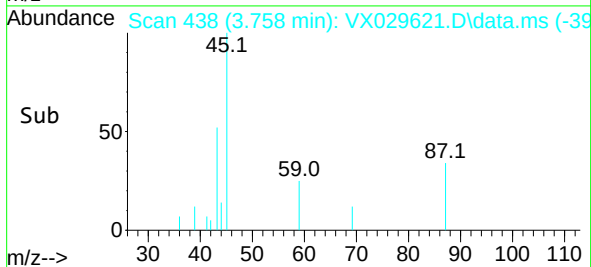
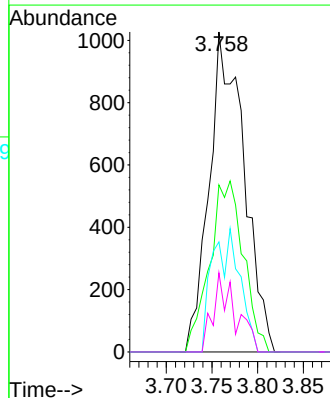
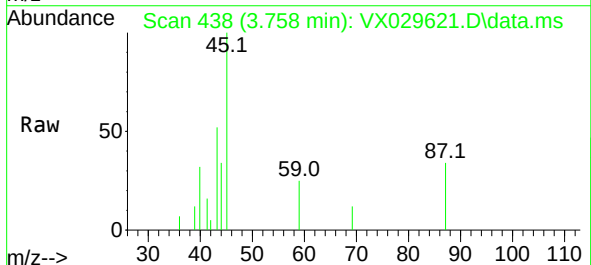
Instrument :
MSVOA_X
ClientSampleId :
MW-19DL

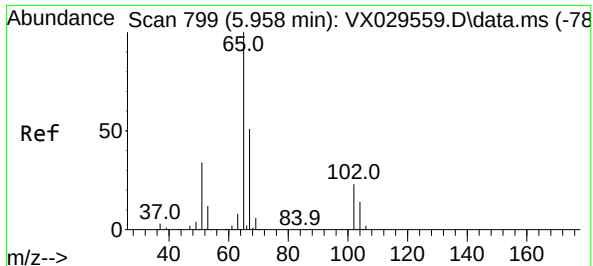
Tgt Ion: 73 Resp: 239785
Ion Ratio Lower Upper
73 100
57 19.5 16.8 25.2



#22
Diisopropyl ether
Concen: 0.312 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.005 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 45 Resp: 2715
Ion Ratio Lower Upper
45 100
43 52.2 50.8 76.2
87 34.4 26.6 39.8
59 24.7 10.5 15.7#





#33

1,2-Dichloroethane-d4

Concen: 43.064 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029621.D

Acq: 20 Jun 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

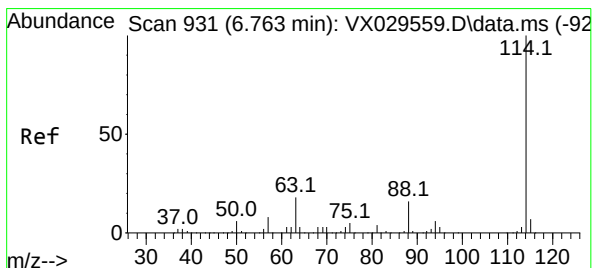
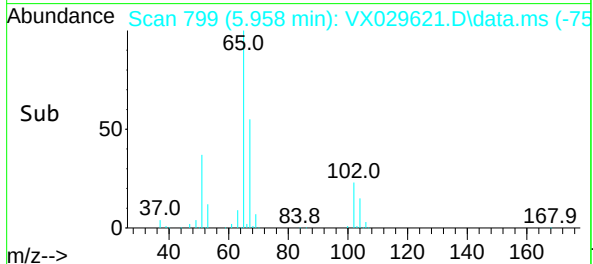
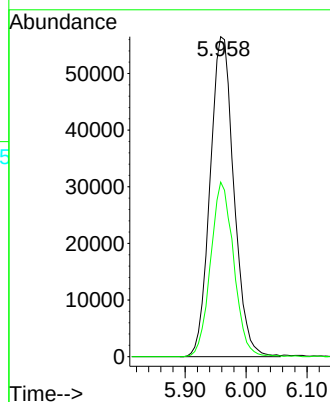
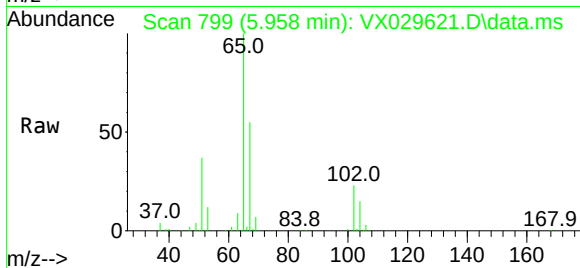
MW-19DL

Tgt Ion: 65 Resp: 153185

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029621.D

Acq: 20 Jun 2022 14:30

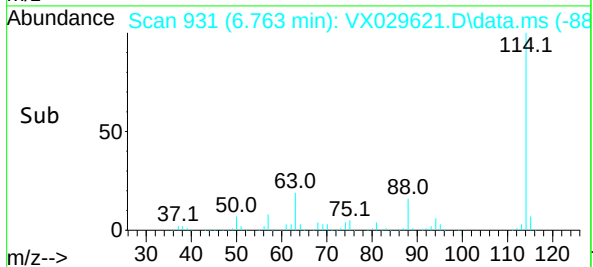
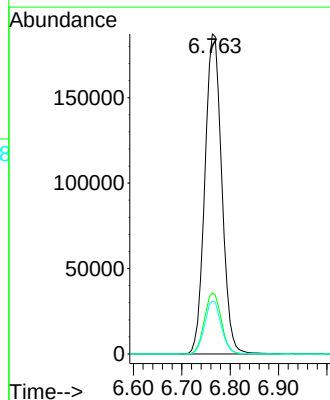
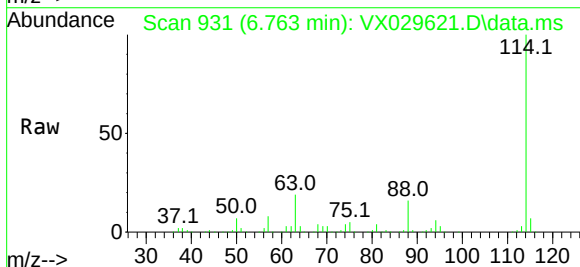
Tgt Ion: 114 Resp: 454585

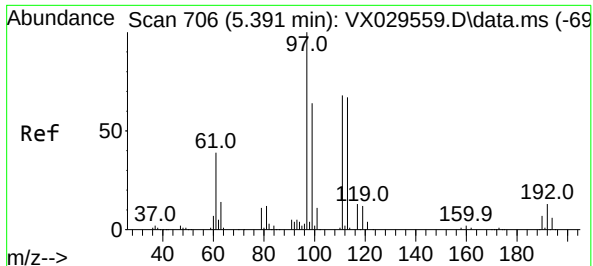
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 16.4 0.0 32.4

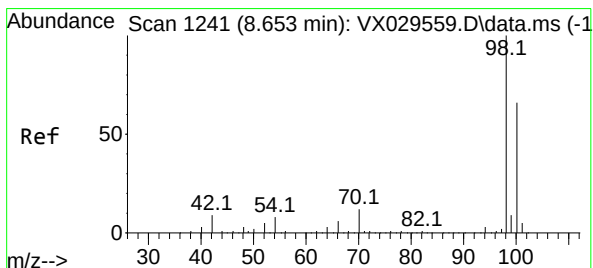
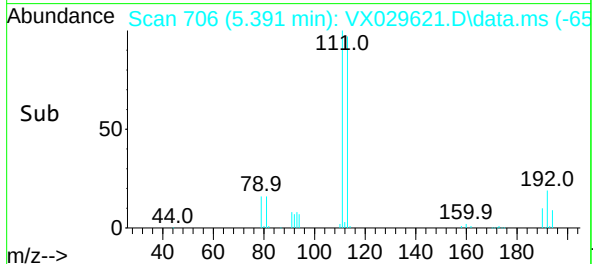
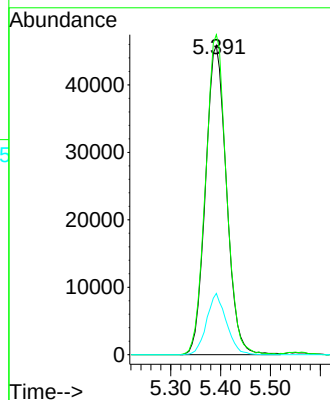
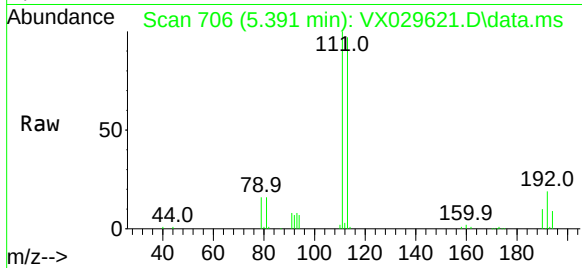




#35
Dibromofluoromethane
Concen: 45.203 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

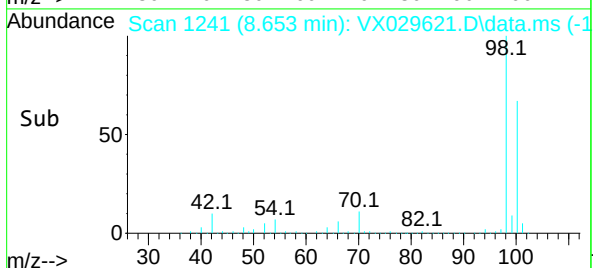
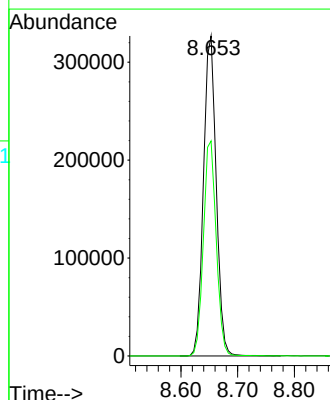
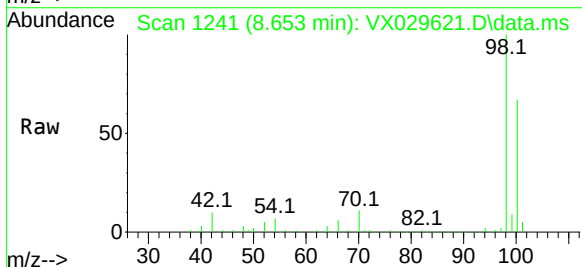
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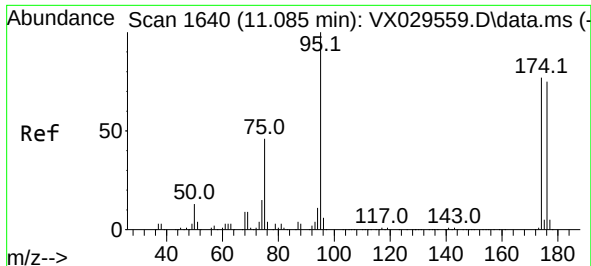
Tgt Ion:113 Resp: 133911
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.7 16.9 25.3



#50
Toluene-d8
Concen: 47.237 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 98 Resp: 511218
Ion Ratio Lower Upper
98 100
100 67.5 52.6 78.8

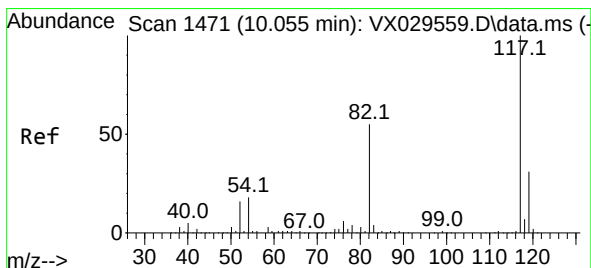
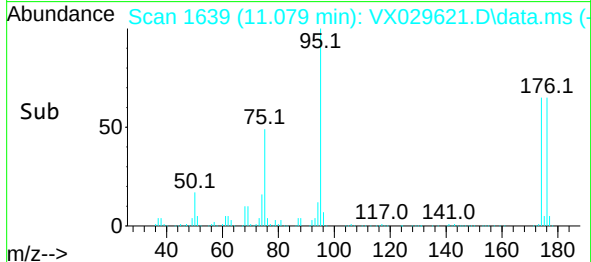
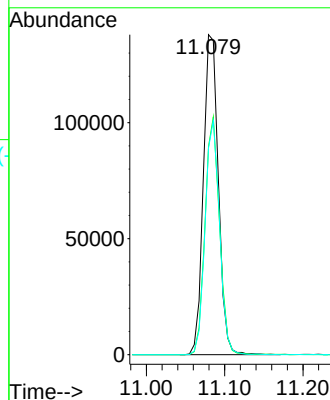
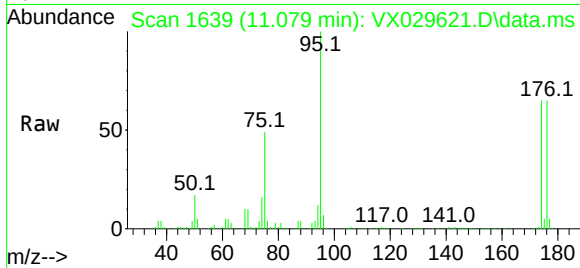




#62
4-Bromofluorobenzene
Concen: 44.821 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

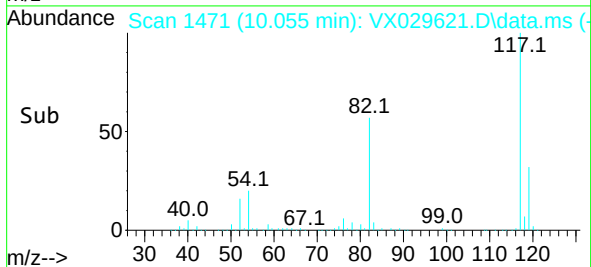
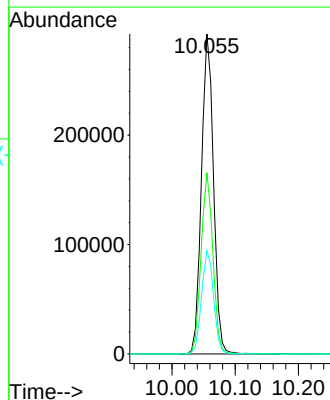
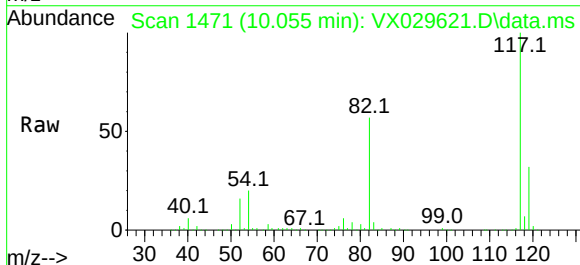
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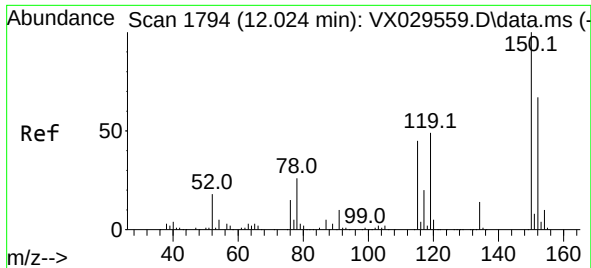
Tgt Ion: 95 Resp: 182926
Ion Ratio Lower Upper
95 100
174 71.6 0.0 163.0
176 70.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 117 Resp: 388622
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029621.D

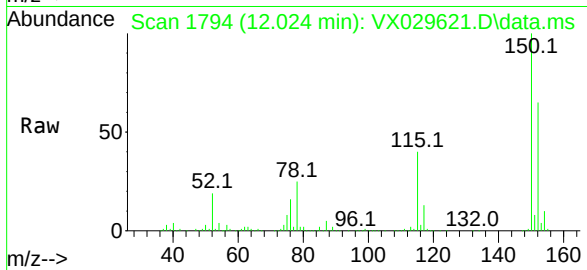
Acq: 20 Jun 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-19DL



Tgt Ion:152 Resp: 167539

Ion Ratio Lower Upper

152 100

115 62.7 37.5 112.7

150 156.3 0.0 338.2

