

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027361.D
 Acq On : 09 Mar 2022 19:47
 Operator : JC/MD
 Sample : N1814-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-1

Quant Time: Mar 10 00:36:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

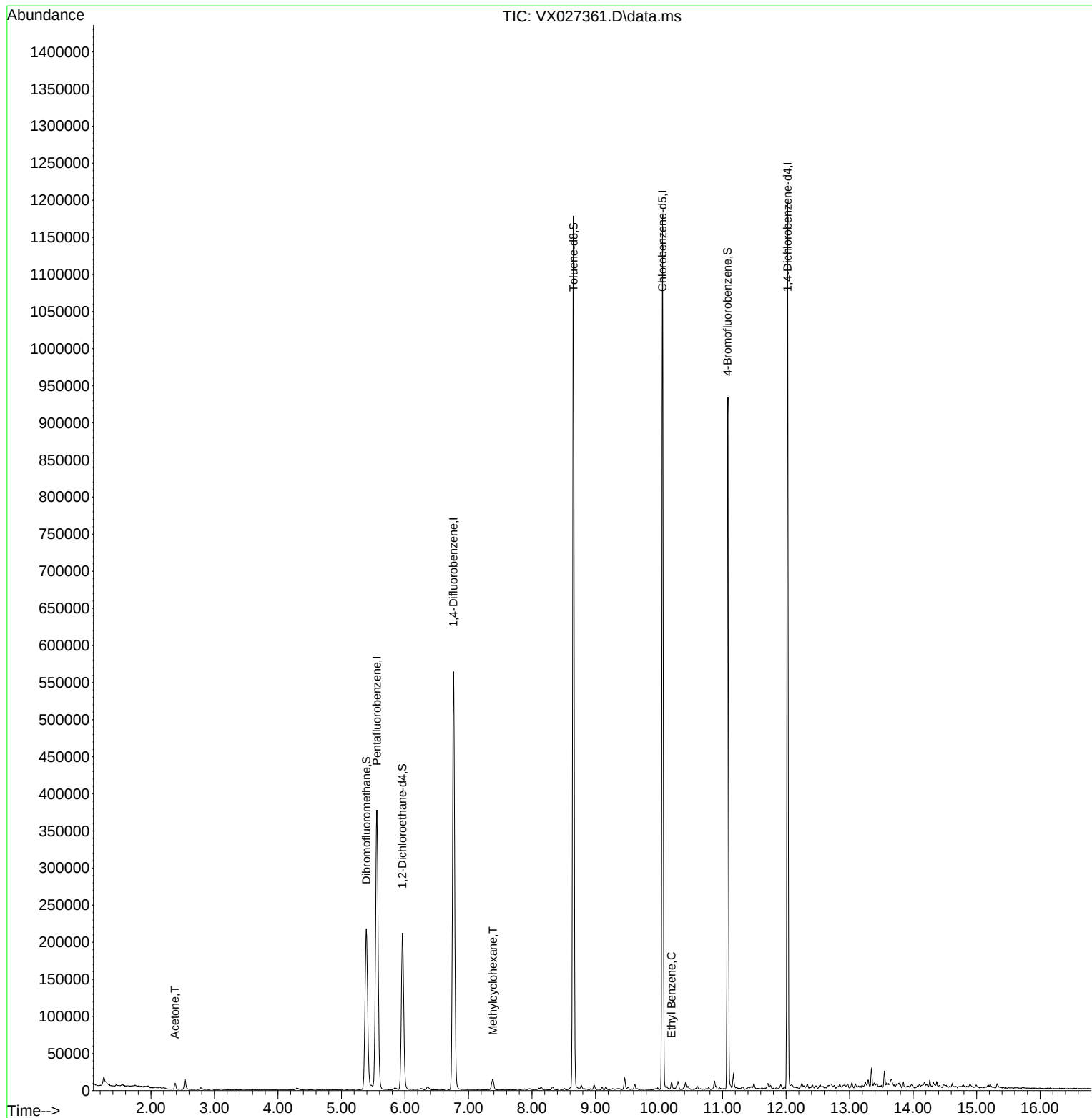
Internal Standards						
1) Pentafluorobenzene	5.556	168	383702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	622833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198502	44.362	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.720%
35) Dibromofluoromethane	5.391	113	195594	48.669	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.340%
50) Toluene-d8	8.653	98	731931	48.241	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.079	95	262987	45.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.960%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	9099	2.386	ug/l	99
39) Methylcyclohexane	7.385	83	6880	0.976	ug/l	94
67) Ethyl Benzene	10.195	91	6337	0.304	ug/l #	80

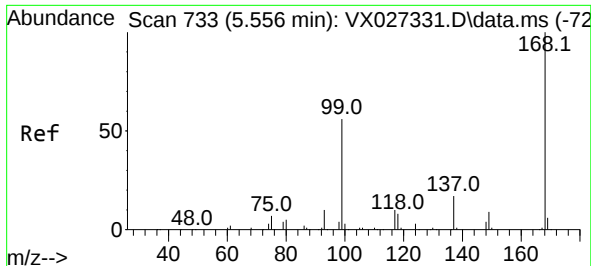
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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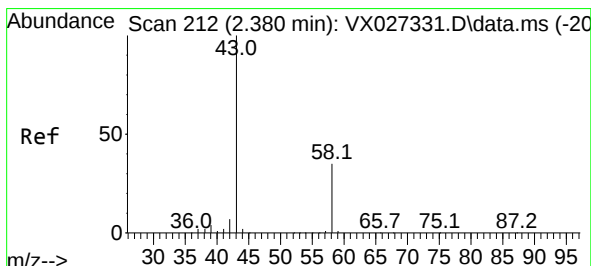
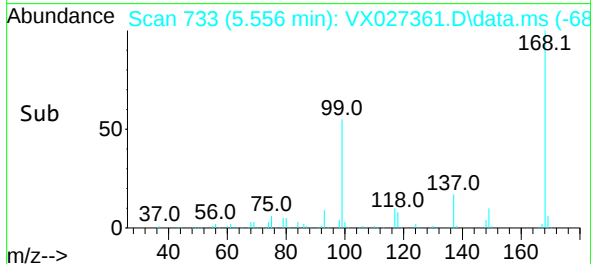
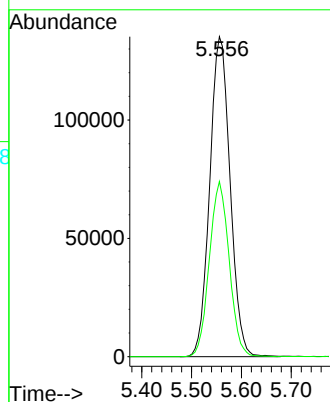
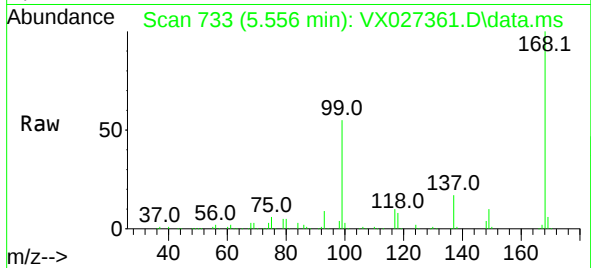




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

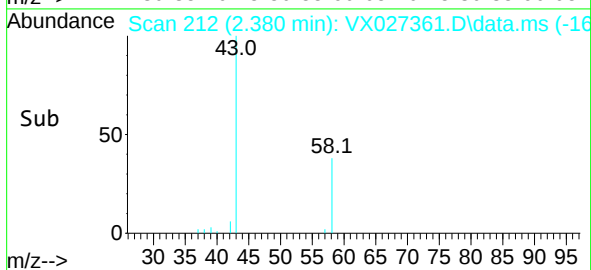
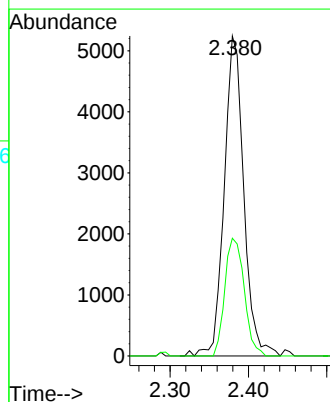
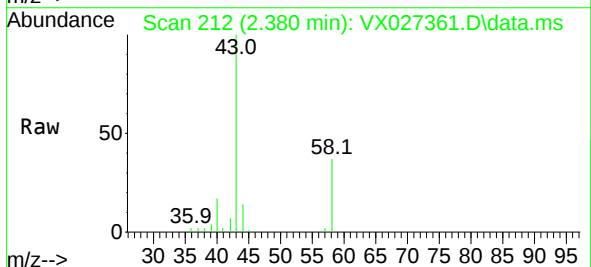
Instrument :
MSVOA_X
ClientSampleId :
DTW-1

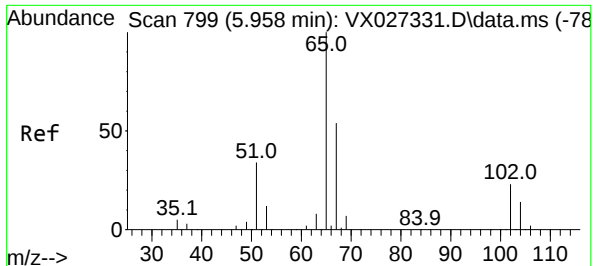
Tgt Ion:168 Resp: 383702
Ion Ratio Lower Upper
168 100
99 54.8 41.7 62.5



#16
Acetone
Concen: 2.386 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Tgt Ion: 43 Resp: 9099
Ion Ratio Lower Upper
43 100
58 36.8 28.8 43.2





#33

1,2-Dichloroethane-d4

Concen: 44.362 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027361.D

Acq: 09 Mar 2022 19:47

Instrument :

MSVOA_X

ClientSampleId :

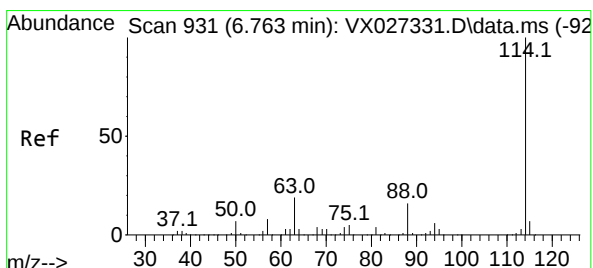
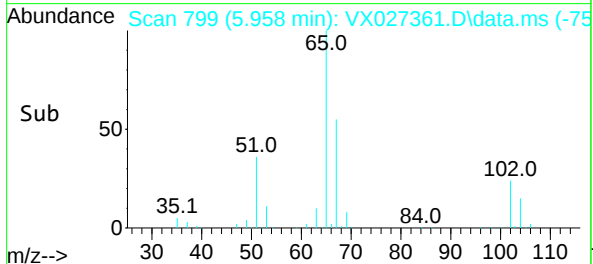
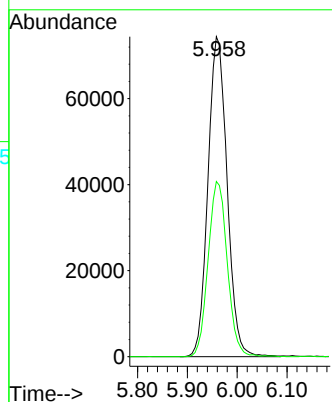
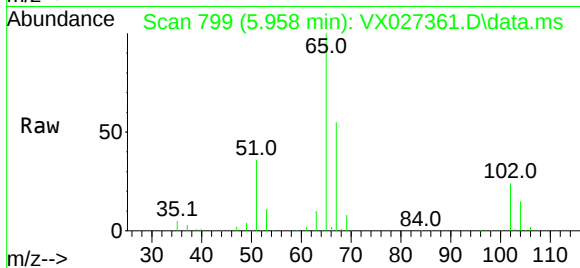
DTW-1

Tgt Ion: 65 Resp: 198502

Ion Ratio Lower Upper

65 100

67 54.7 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: VX027361.D

Acq: 09 Mar 2022 19:47

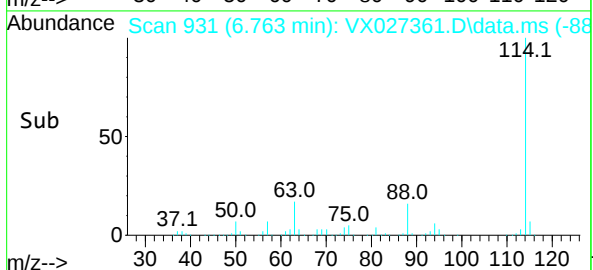
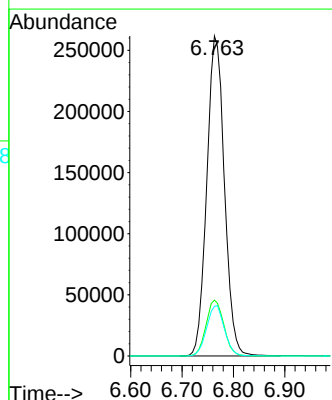
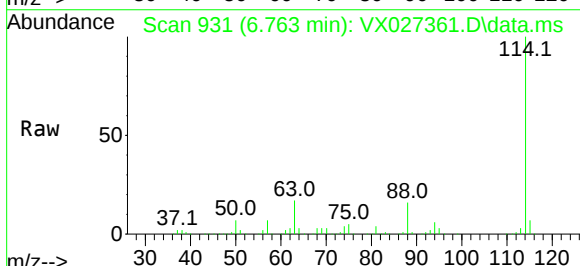
Tgt Ion: 114 Resp: 622833

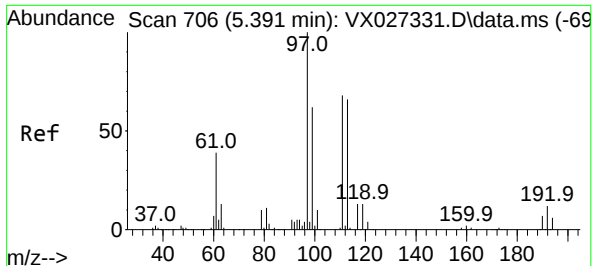
Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.8

88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.669 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027361.D

Acq: 09 Mar 2022 19:47

Instrument :

MSVOA_X

ClientSampleId :

DTW-1

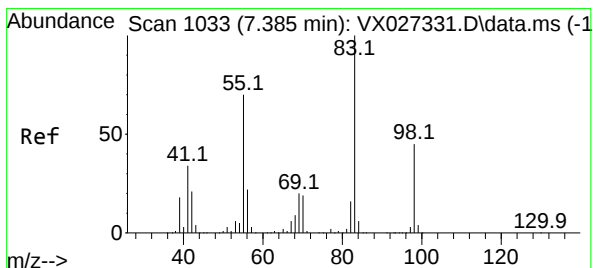
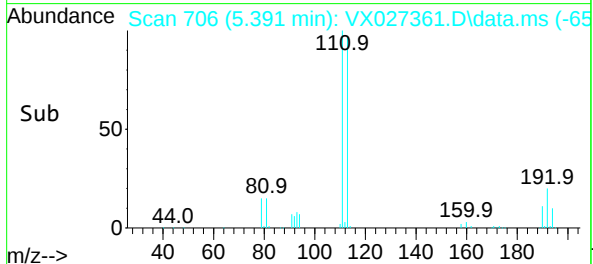
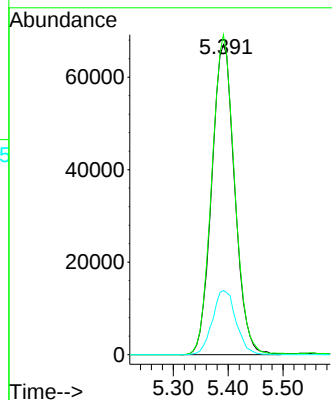
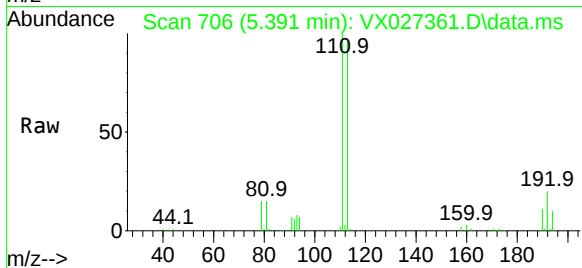
Tgt Ion:113 Resp: 195594

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 21.1 16.9 25.3



#39

Methylcyclohexane

Concen: 0.976 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027361.D

Acq: 09 Mar 2022 19:47

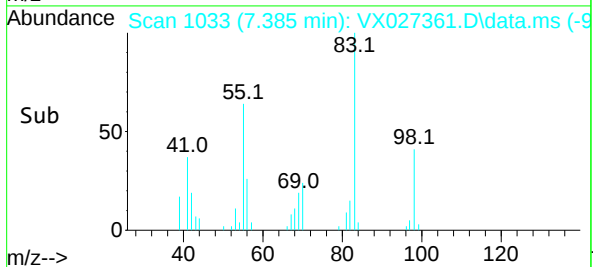
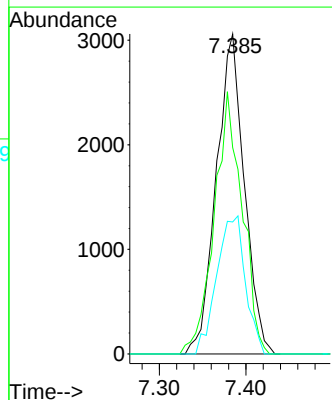
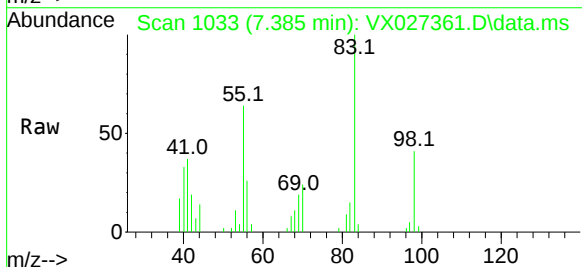
Tgt Ion: 83 Resp: 6880

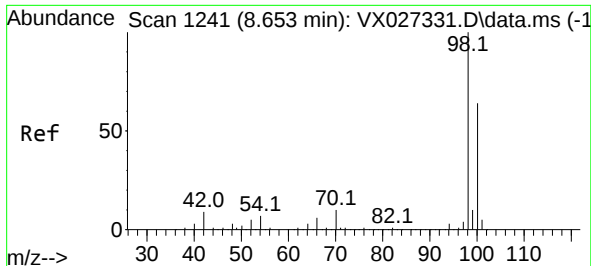
Ion Ratio Lower Upper

83 100

55 64.5 54.6 81.8

98 41.2 37.4 56.2





#50

Toluene-d8

Concen: 48.241 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027361.D

Acq: 09 Mar 2022 19:47

Instrument :

MSVOA_X

ClientSampleId :

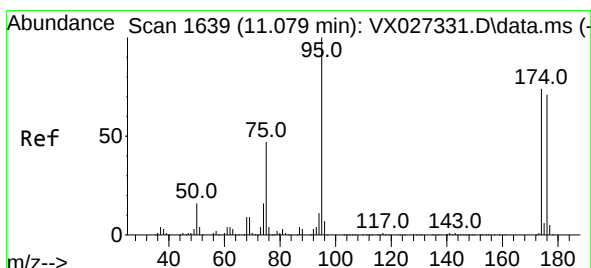
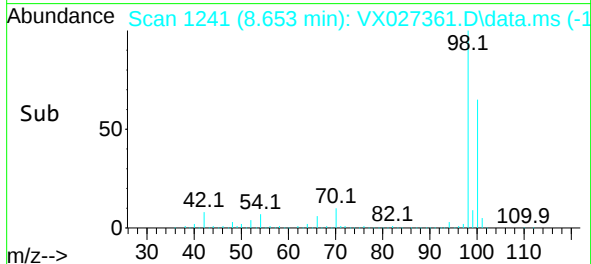
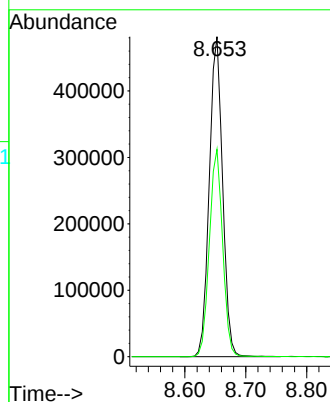
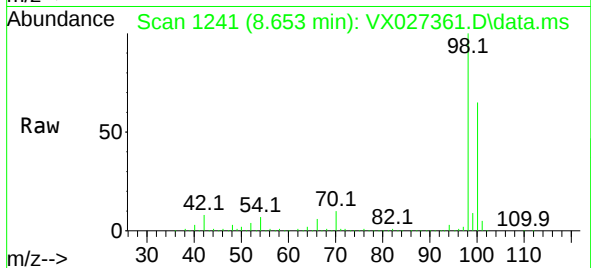
DTW-1

Tgt Ion: 98 Resp: 731931

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.478 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027361.D

Acq: 09 Mar 2022 19:47

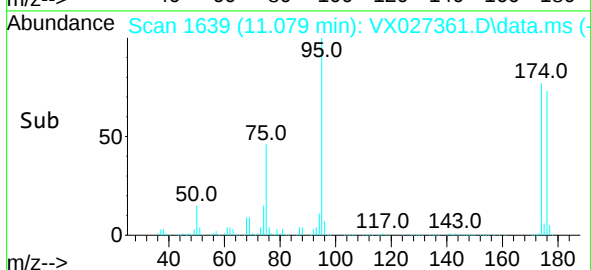
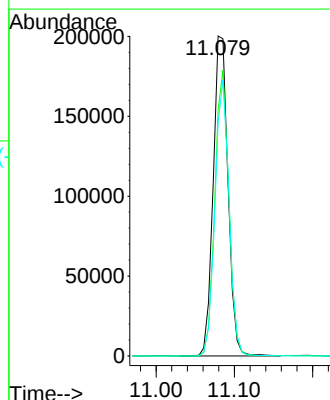
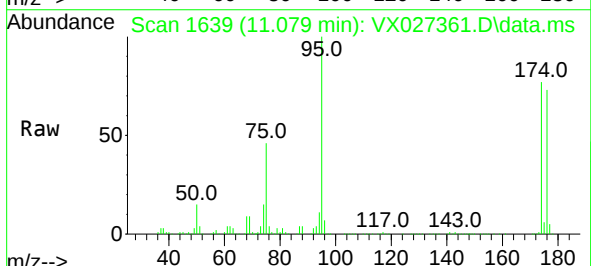
Tgt Ion: 95 Resp: 262987

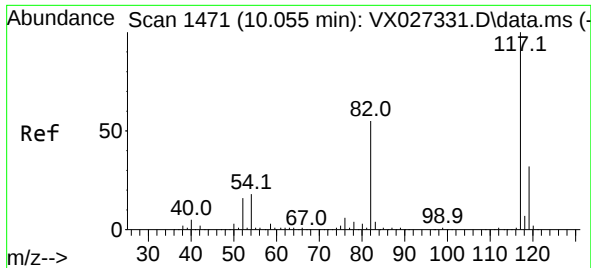
Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.0

176 82.0 0.0 155.0

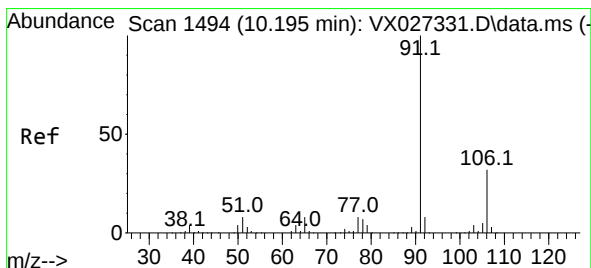
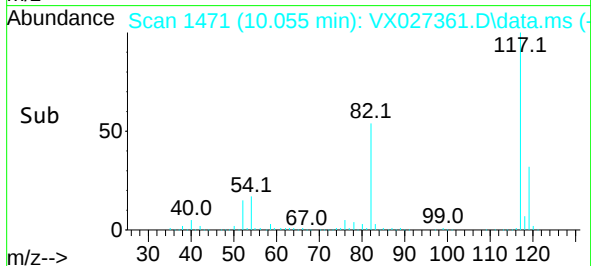
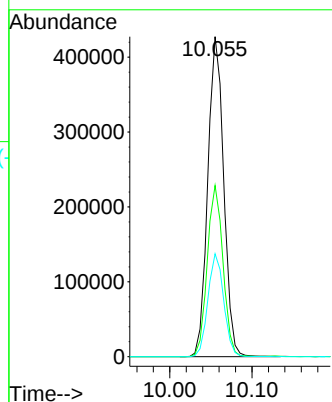
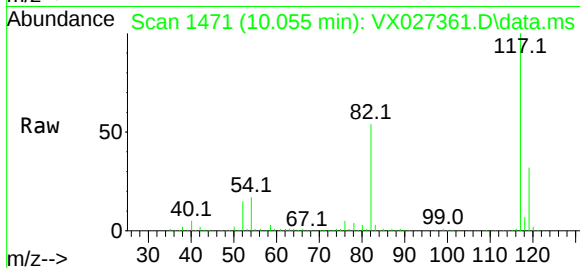




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

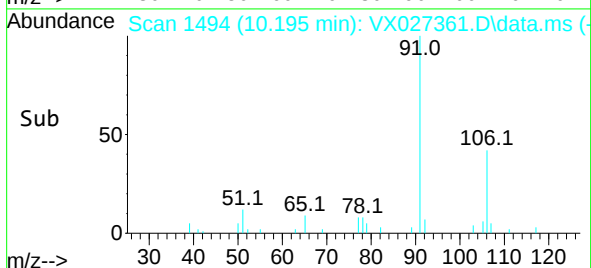
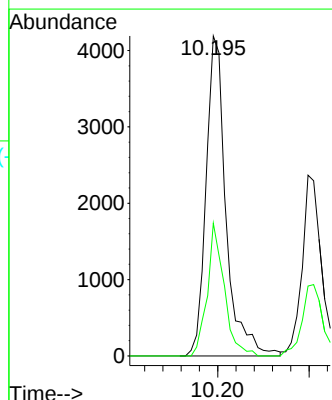
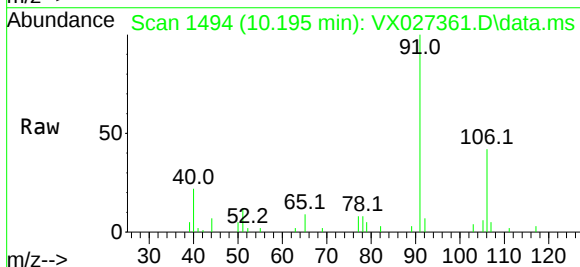
Instrument :
MSVOA_X
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DTW-1

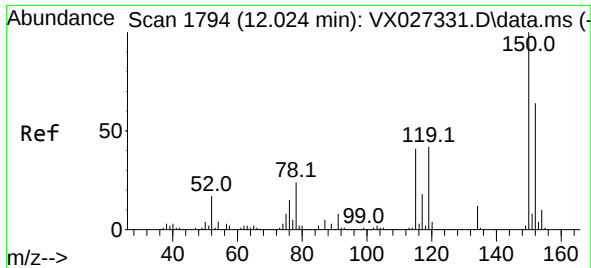
Tgt Ion:117 Resp: 575256
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 32.1 24.8 37.2



#67
Ethyl Benzene
Concen: 0.304 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Tgt Ion: 91 Resp: 6337
Ion Ratio Lower Upper
91 100
106 41.5 24.6 36.8#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027361.D
 Acq: 09 Mar 2022 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-1

Tgt Ion:152 Resp: 260191
 Ion Ratio Lower Upper
 152 100
 115 58.6 37.5 112.7
 150 158.2 0.0 338.2

