

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028311.D
 Acq On : 23 Apr 2022 04:26
 Operator : JC/MD
 Sample : N2521-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

Quant Time: Apr 23 06:52:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

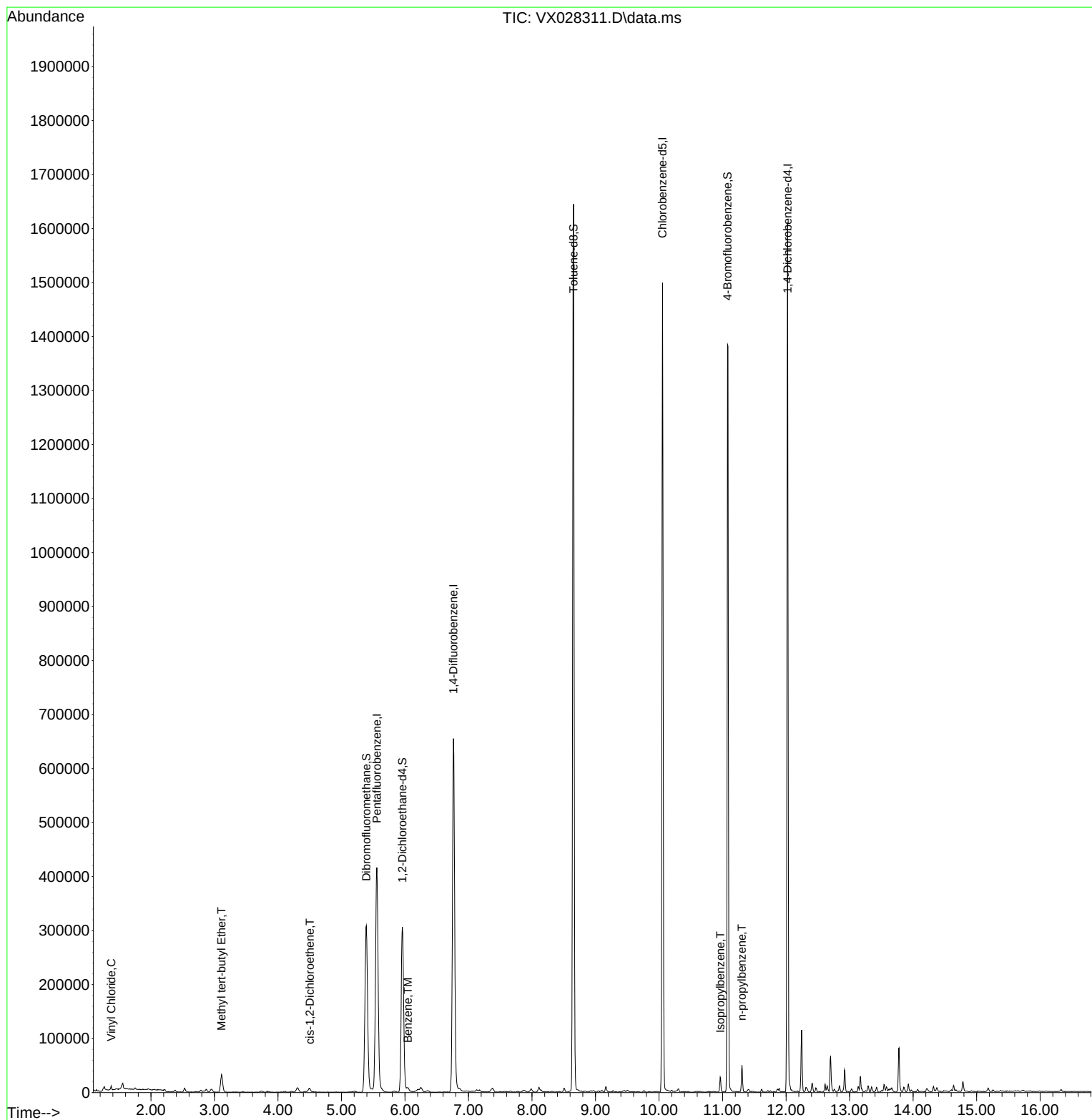
Internal Standards						
1) Pentafluorobenzene	5.556	168	409513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	704909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	681594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	325725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	294966	55.241	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.480%	
35) Dibromofluoromethane	5.391	113	270209	54.660	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.320%	
50) Toluene-d8	8.653	98	986054	51.933	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	11.079	95	369010	50.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.660%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2524	0.611	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	31936	2.433	ug/l #	91
27) cis-1,2-Dichloroethene	4.501	96	4965m	0.973	ug/l	
40) Benzene	6.044	78	8877	0.470	ug/l	99
73) Isopropylbenzene	10.963	105	14059	0.628	ug/l	98
78) n-propylbenzene	11.305	91	29266	1.179	ug/l	97

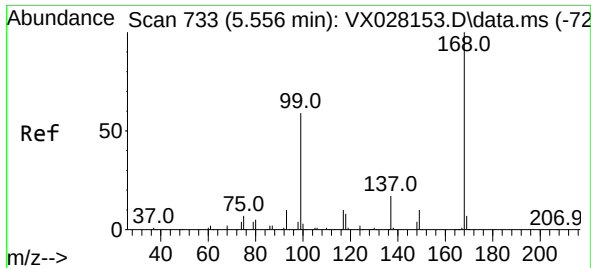
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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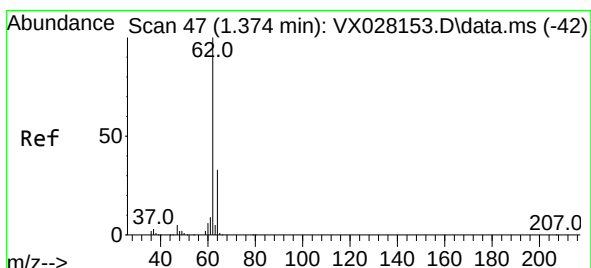
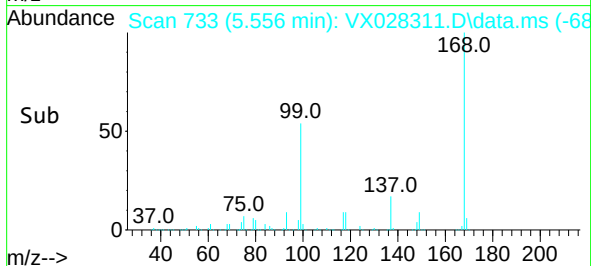
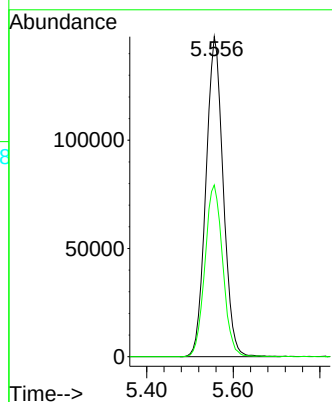
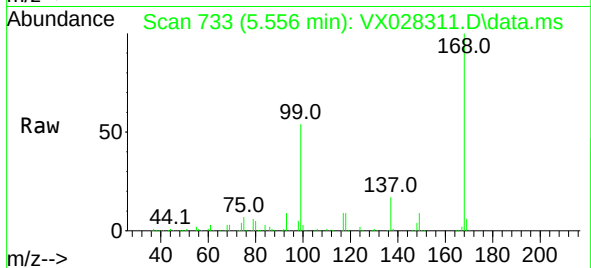




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028311.D
Acq: 23 Apr 2022 04:26

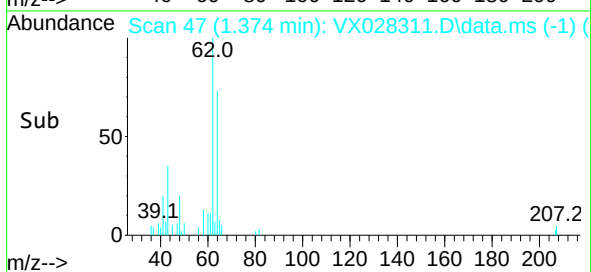
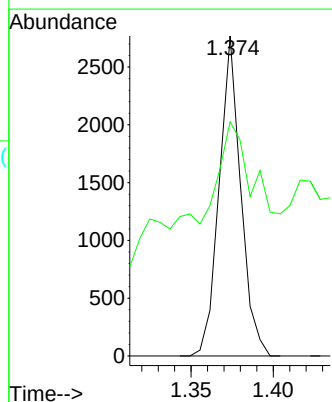
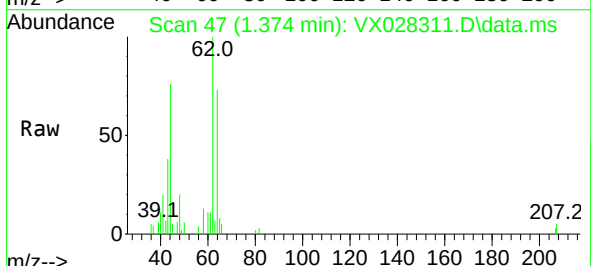
Instrument :
MSVOA_X
ClientSampleId :
MW3

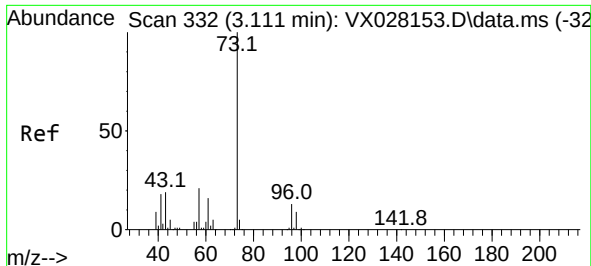
Tgt Ion:168 Resp: 409513
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#4
Vinyl Chloride
Concen: 0.611 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028311.D
Acq: 23 Apr 2022 04:26

Tgt Ion: 62 Resp: 2524
Ion Ratio Lower Upper
62 100
64 29.6 25.5 38.3

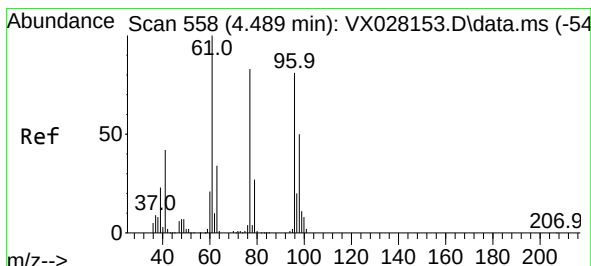
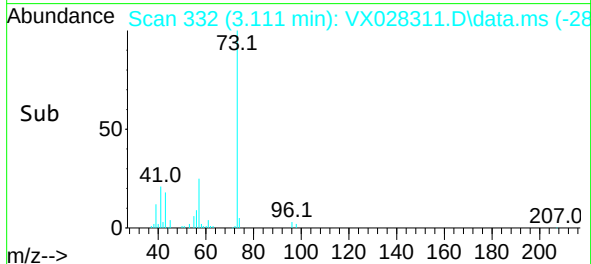
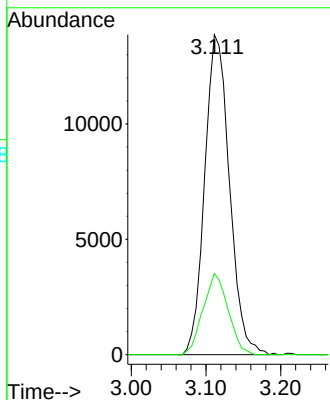
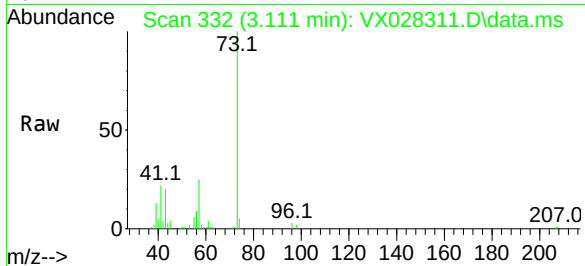




#19
Methyl tert-butyl Ether
Concen: 2.433 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028311.D
Acq: 23 Apr 2022 04:26

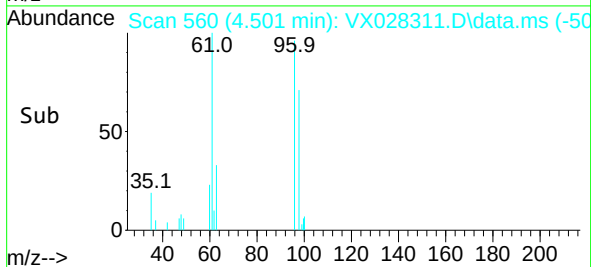
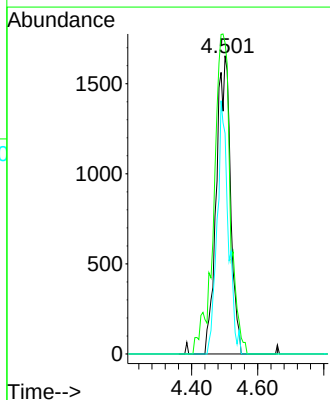
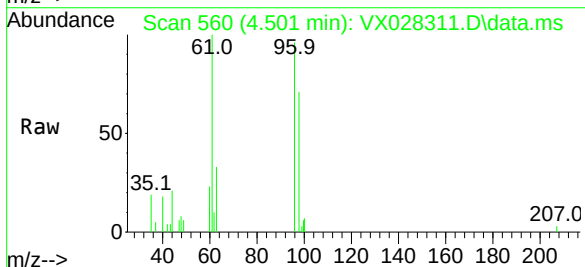
Instrument :
MSVOA_X
ClientSampleId :
MW3

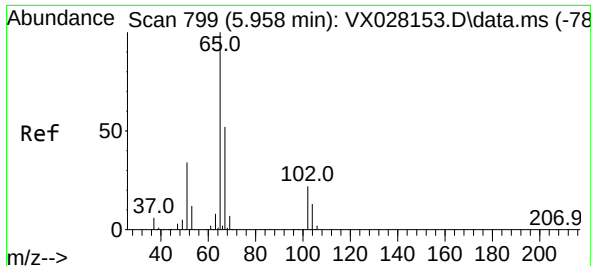
Tgt Ion: 73 Resp: 31936
Ion Ratio Lower Upper
73 100
57 25.3 16.8 25.2#



#27
cis-1,2-Dichloroethene
Concen: 0.973 ug/l m
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX028311.D
Acq: 23 Apr 2022 04:26

Tgt Ion: 96 Resp: 4965
Ion Ratio Lower Upper
96 100
61 0.0 0.0 283.8
98 0.0 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 55.241 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028311.D

Acq: 23 Apr 2022 04:26

Instrument :

MSVOA_X

ClientSampleId :

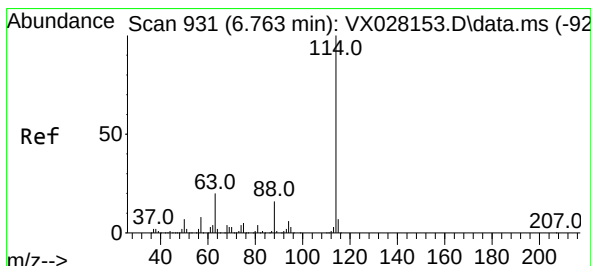
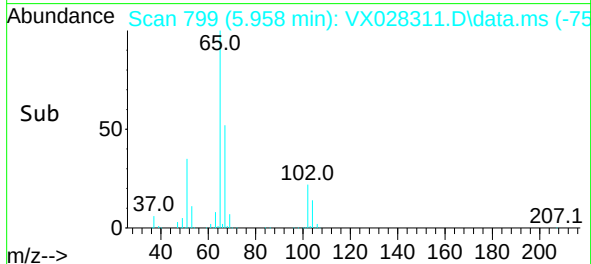
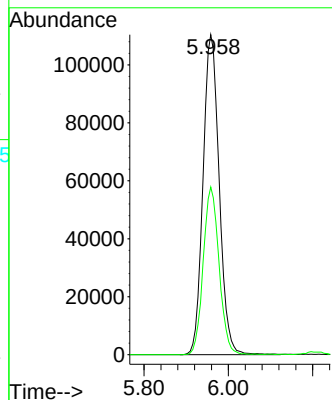
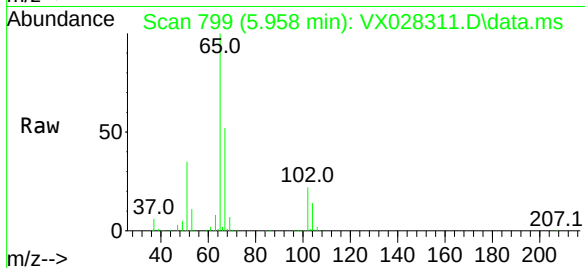
MW3

Tgt Ion: 65 Resp: 294966

Ion Ratio Lower Upper

65 100

67 51.3 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: VX028311.D

Acq: 23 Apr 2022 04:26

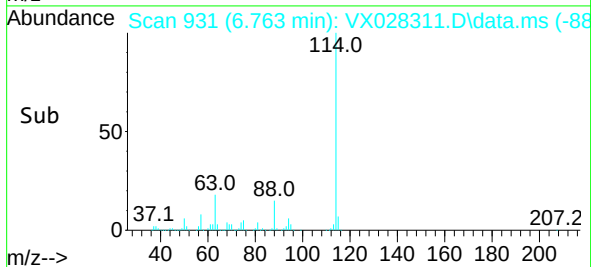
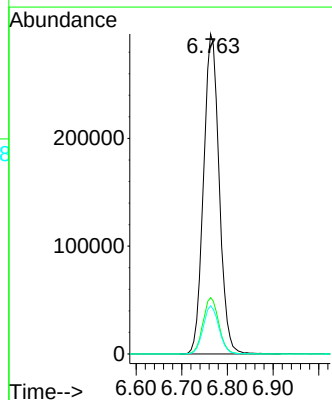
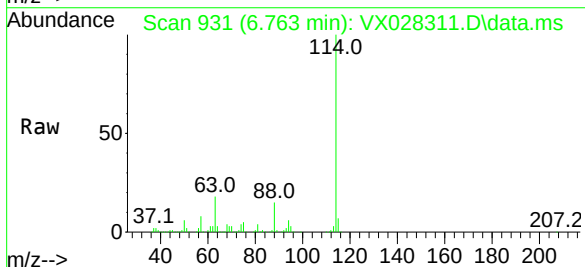
Tgt Ion: 114 Resp: 704909

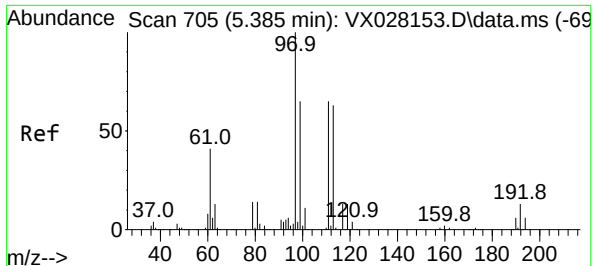
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 15.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.660 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028311.D

Acq: 23 Apr 2022 04:26

Instrument :

MSVOA_X

ClientSampleId :

MW3

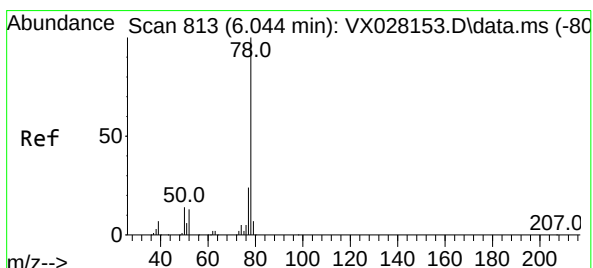
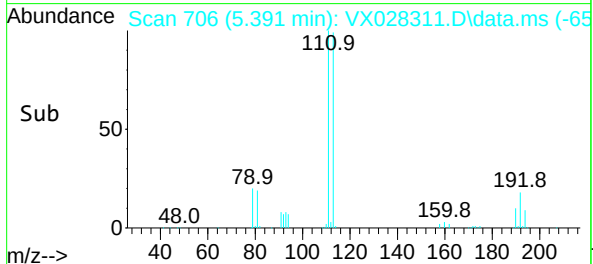
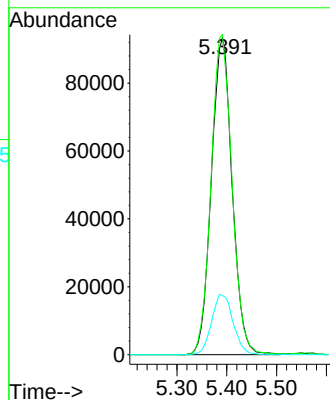
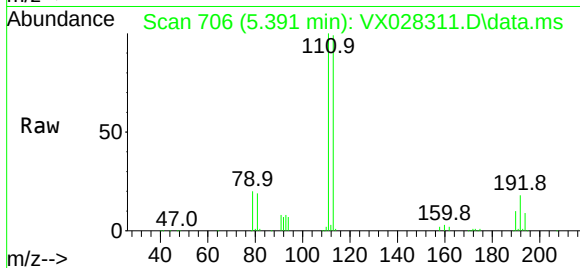
Tgt Ion:113 Resp: 270209

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 19.6 16.9 25.3



#40

Benzene

Concen: 0.470 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX028311.D

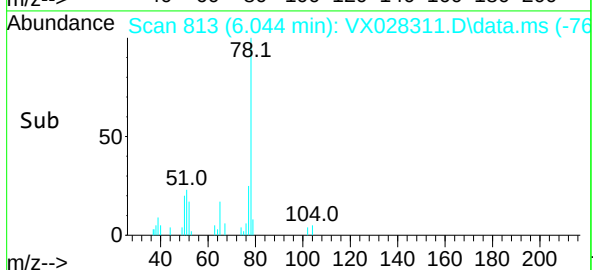
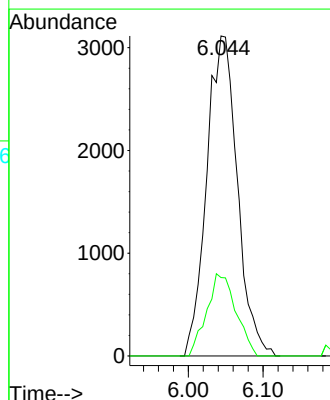
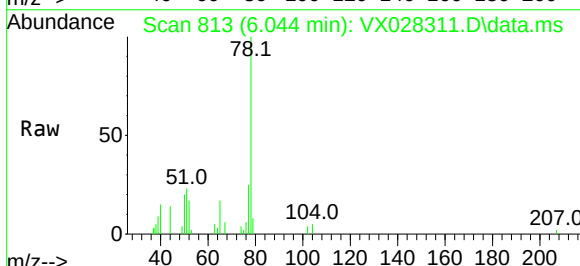
Acq: 23 Apr 2022 04:26

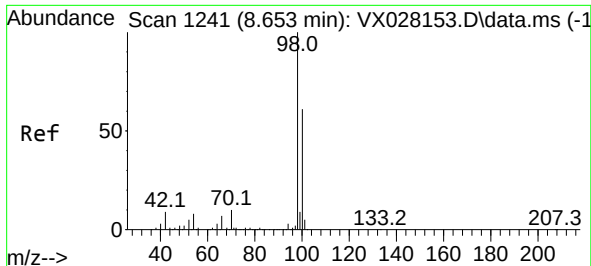
Tgt Ion: 78 Resp: 8877

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

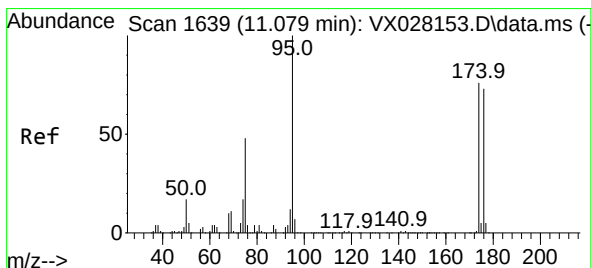
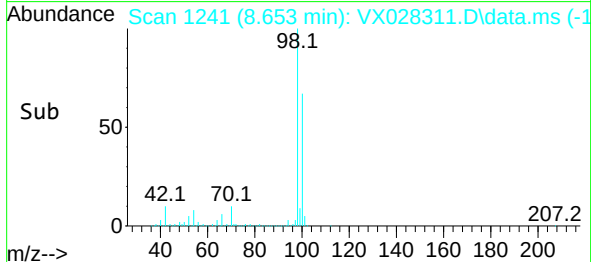
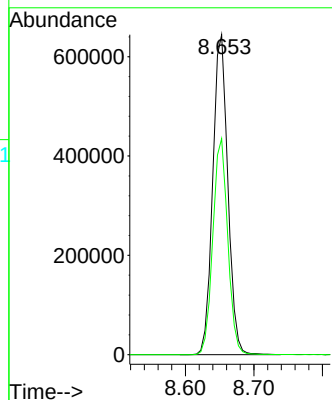
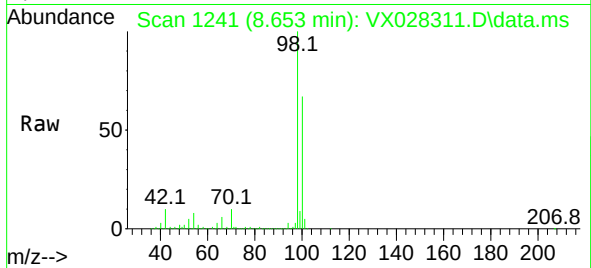




#50
Toluene-d8
Concen: 51.933 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028311.D
Acq: 23 Apr 2022 04:26

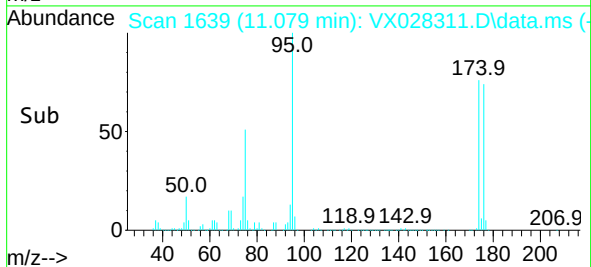
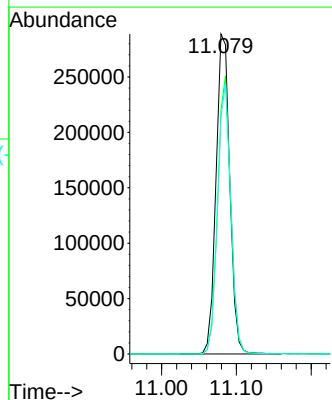
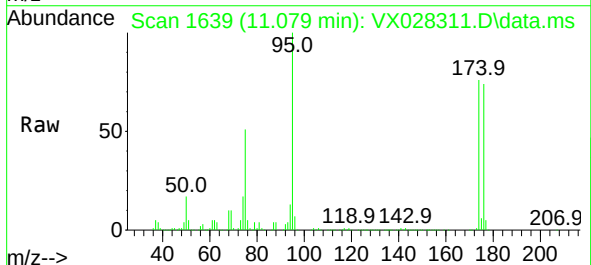
Instrument :
MSVOA_X
ClientSampleId :
MW3

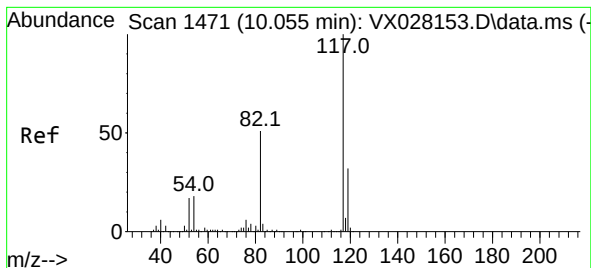
Tgt Ion: 98 Resp: 986054
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028311.D
Acq: 23 Apr 2022 04:26

Tgt Ion: 95 Resp: 369010
Ion Ratio Lower Upper
95 100
174 83.1 0.0 163.0
176 81.4 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: VX028311.D

Acq: 23 Apr 2022 04:26

Instrument :

MSVOA_X

ClientSampleId :

MW3

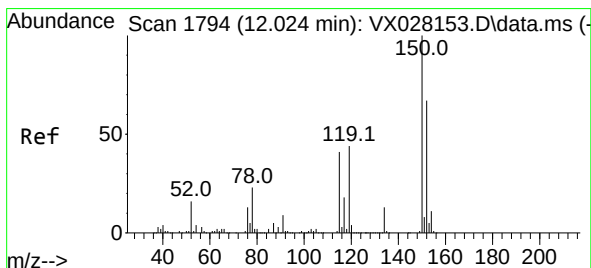
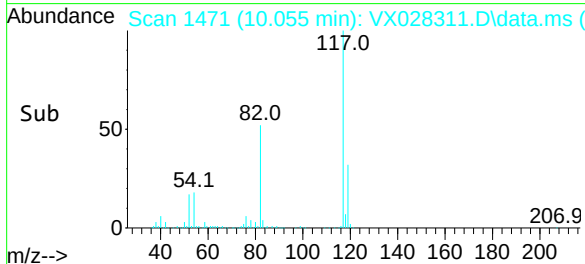
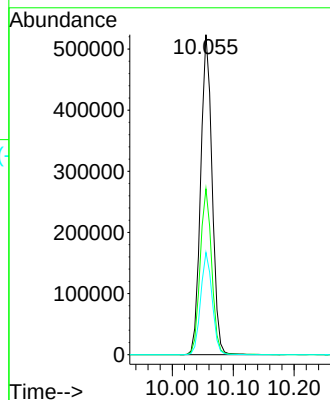
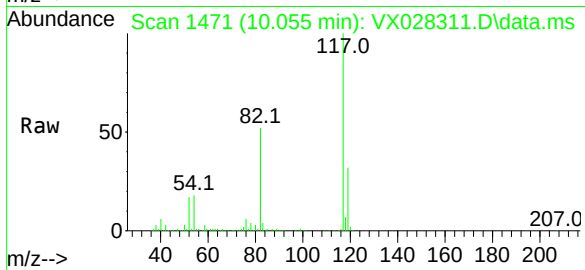
Tgt Ion:117 Resp: 681594

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

119 32.0 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028311.D

Acq: 23 Apr 2022 04:26

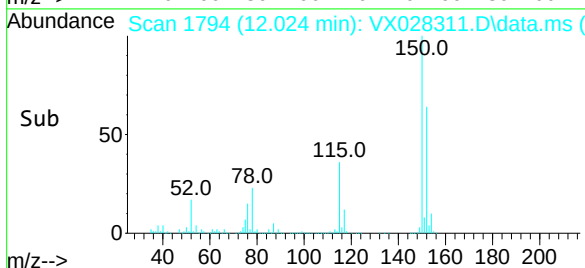
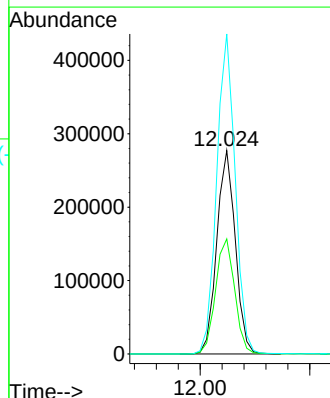
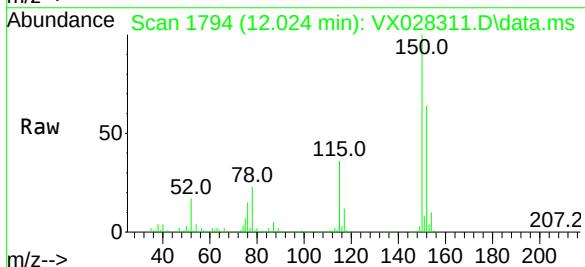
Tgt Ion:152 Resp: 325725

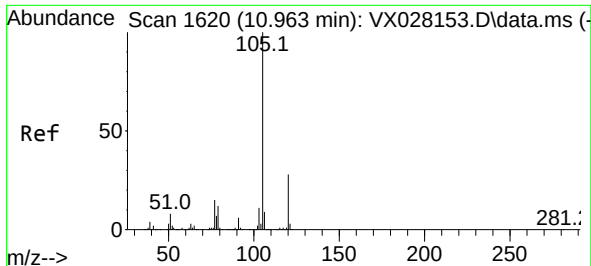
Ion Ratio Lower Upper

152 100

115 58.7 37.5 112.7

150 157.3 0.0 338.2

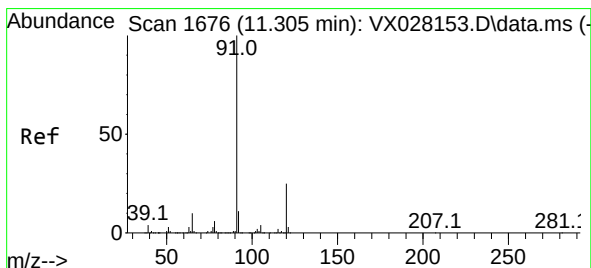
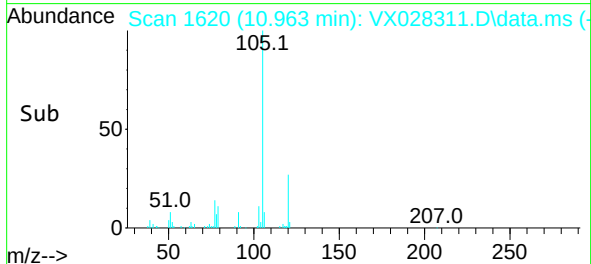
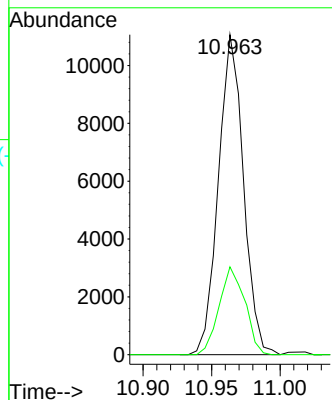
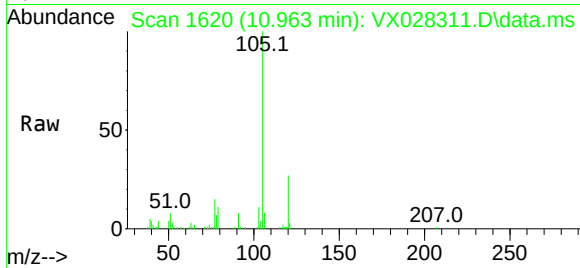




#73
Isopropylbenzene
Concen: 0.628 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028311.D
Acq: 23 Apr 2022 04:26

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:105 Resp: 14059
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.5



#78
n-propylbenzene
Concen: 1.179 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028311.D
Acq: 23 Apr 2022 04:26

Tgt Ion: 91 Resp: 29266
Ion Ratio Lower Upper
91 100
120 21.8 11.6 34.8

