

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029320.D
 Acq On : 08 Jun 2022 14:50
 Operator : JC/MD
 Sample : N3224-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Jun 09 06:59:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

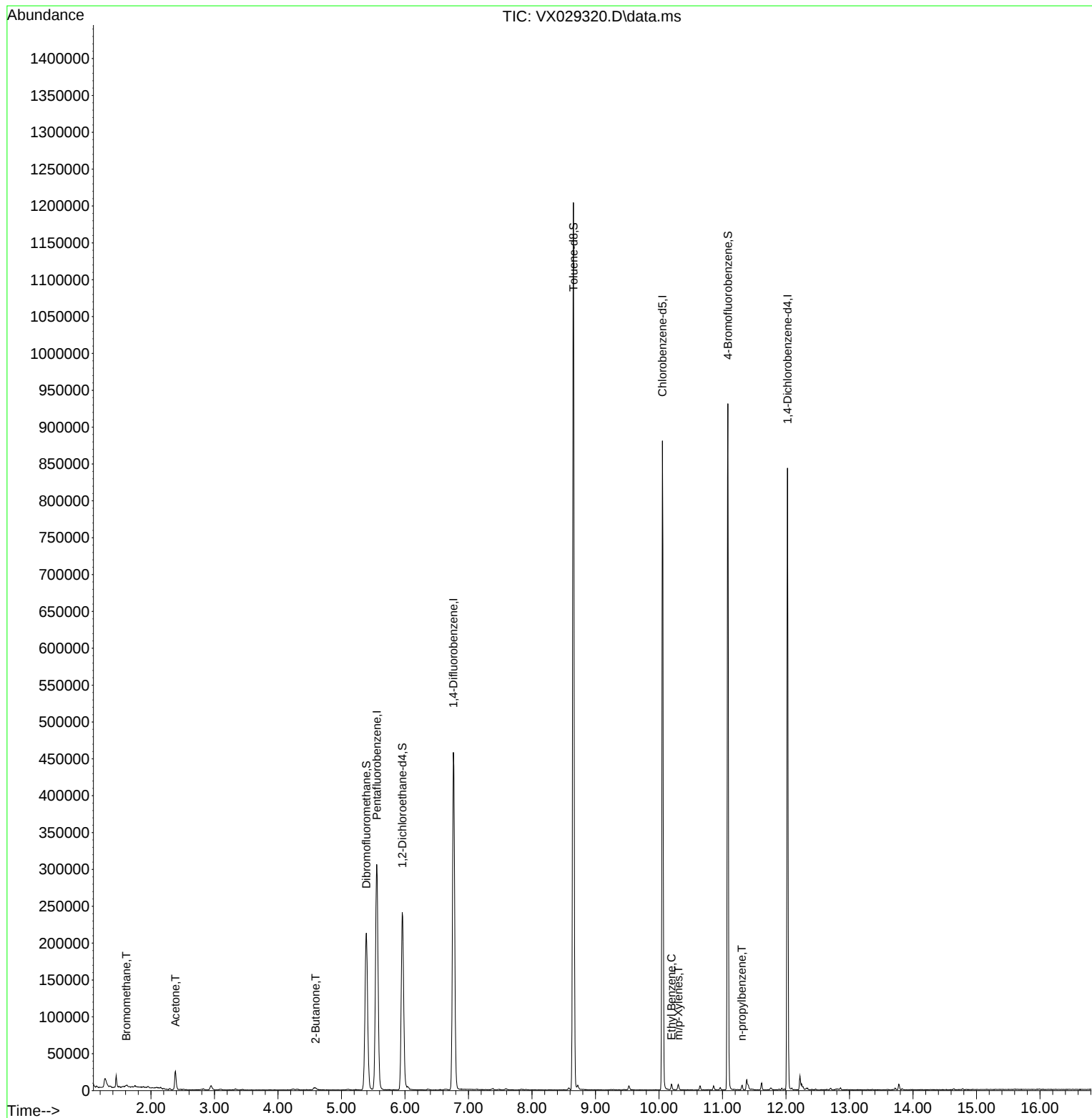
Internal Standards						
1) Pentafluorobenzene	5.556	168	281376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	473554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	235721	55.217	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.440%
35) Dibromofluoromethane	5.391	113	192298	47.765	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.540%
50) Toluene-d8	8.653	98	704526	49.481	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.085	95	257286	46.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.340%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	882	0.333	ug/l	94
16) Acetone	2.386	43	27118	11.914	ug/l	90
25) 2-Butanone	4.593	43	4572	1.270	ug/l	94
67) Ethyl Benzene	10.195	91	4961	0.258	ug/l #	87
68) m/p-Xylenes	10.305	106	1825	0.245	ug/l	94
78) n-propylbenzene	11.305	91	4291	0.291	ug/l	95

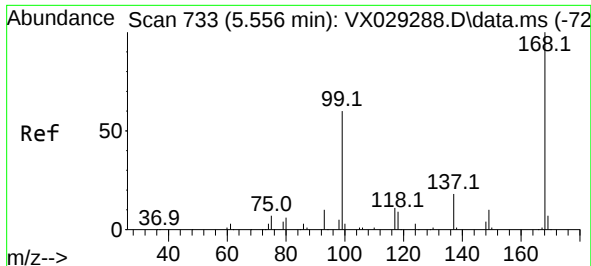
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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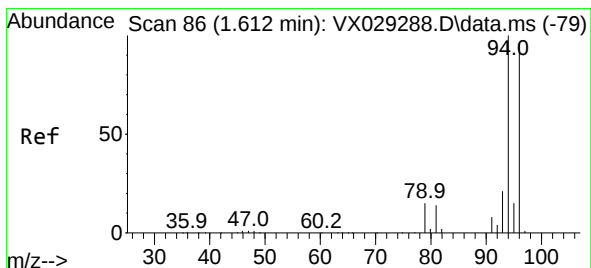
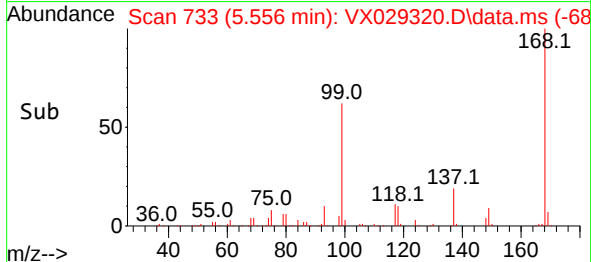
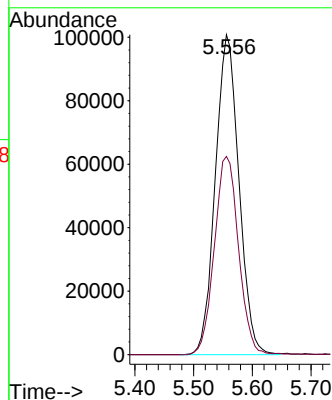
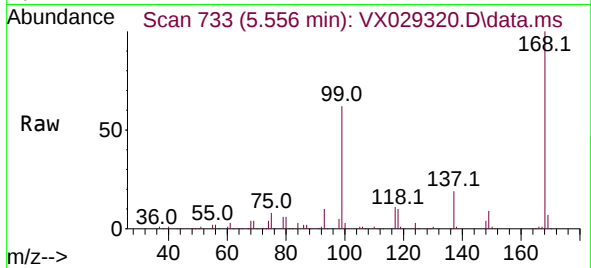




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

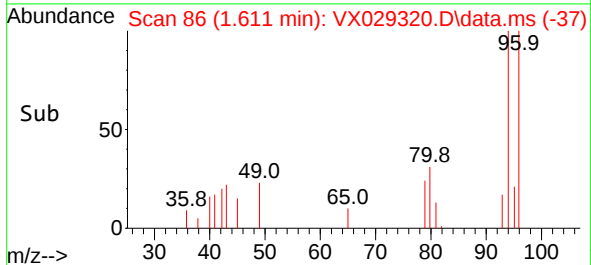
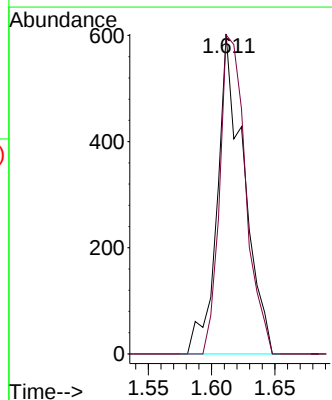
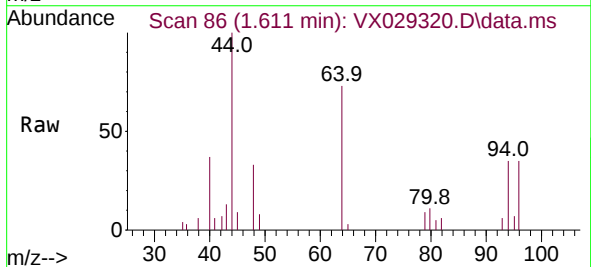
Instrument :
MSVOA_X
ClientSampleId :
MW-13

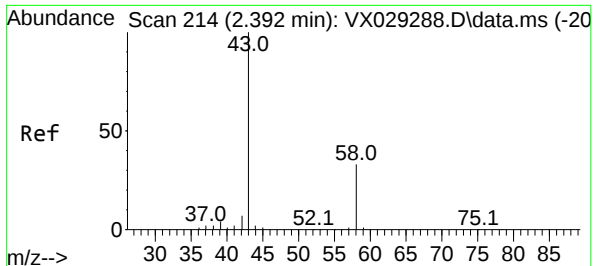
Tgt Ion:168 Resp: 281376
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#5
Bromomethane
Concen: 0.333 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 94 Resp: 882
Ion Ratio Lower Upper
94 100
96 99.7 75.3 112.9

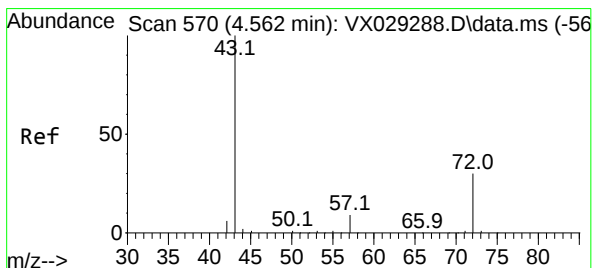
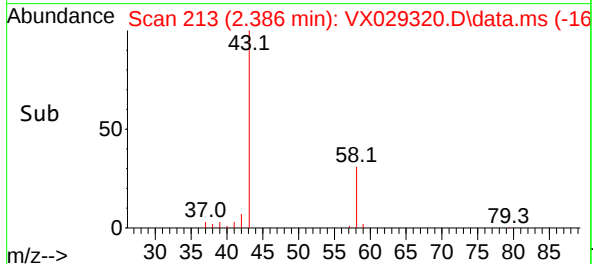
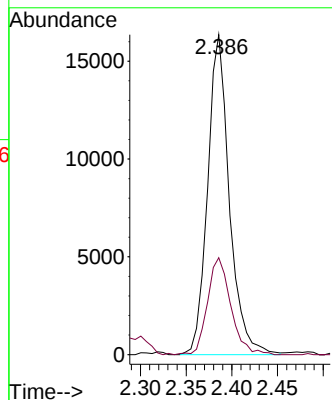
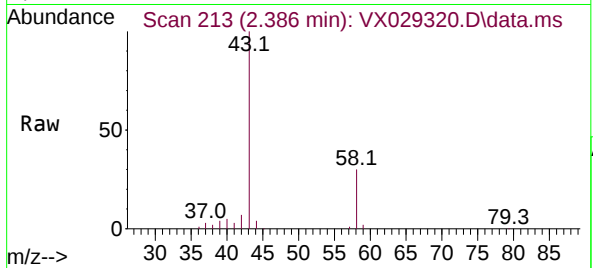




#16
Acetone
Concen: 11.914 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

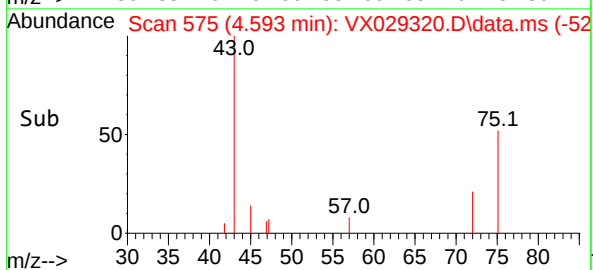
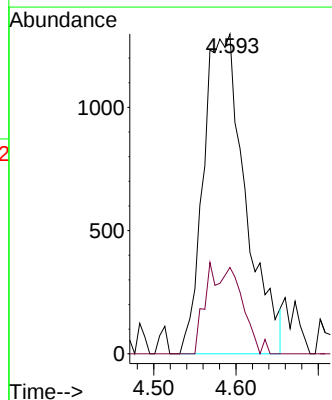
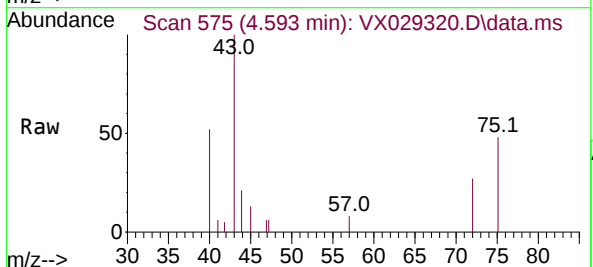
Instrument :
MSVOA_X
ClientSampleId :
MW-13

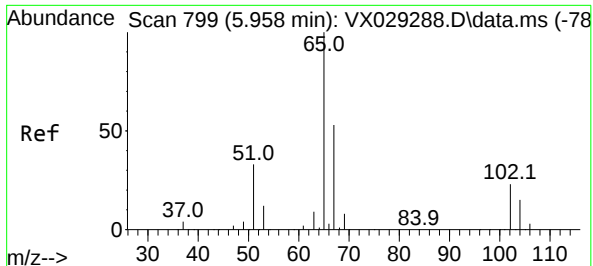
Tgt Ion: 43 Resp: 27118
Ion Ratio Lower Upper
43 100
58 30.3 28.8 43.2



#25
2-Butanone
Concen: 1.270 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.030 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
72 27.0 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 55.217 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029320.D

Acq: 08 Jun 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

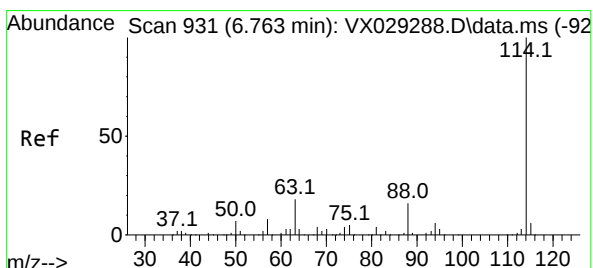
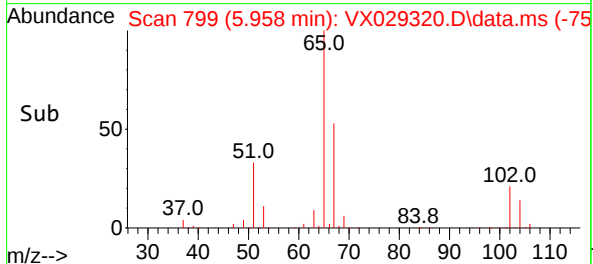
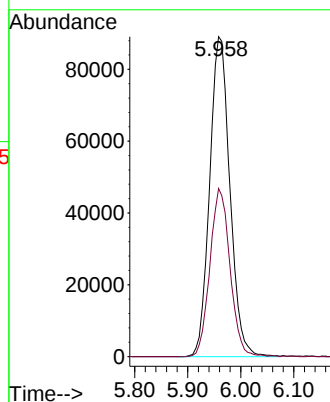
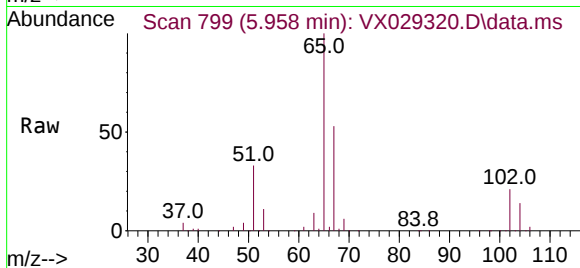
MW-13

Tgt Ion: 65 Resp: 235721

Ion Ratio Lower Upper

65 100

67 52.2 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: VX029320.D

Acq: 08 Jun 2022 14:50

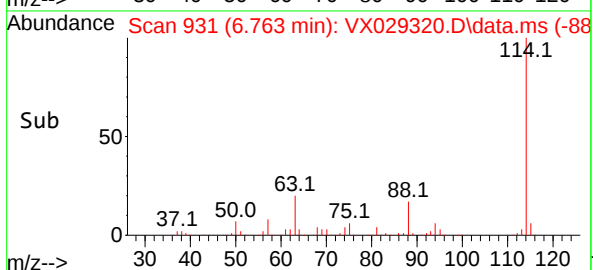
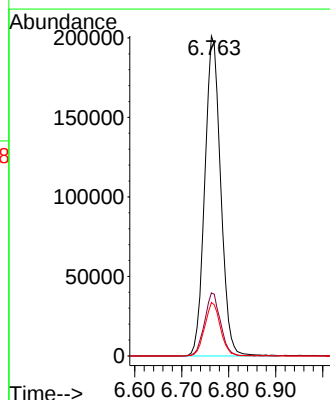
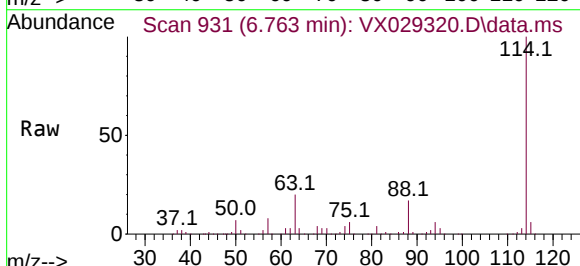
Tgt Ion: 114 Resp: 473554

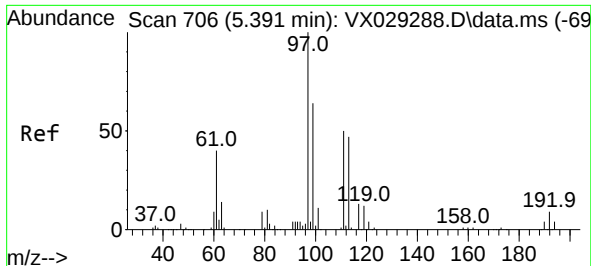
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.7 0.0 32.4

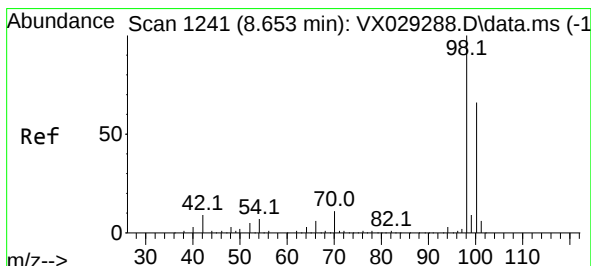
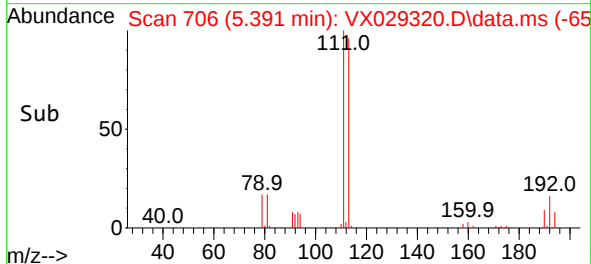
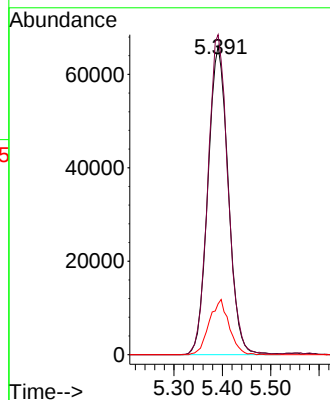
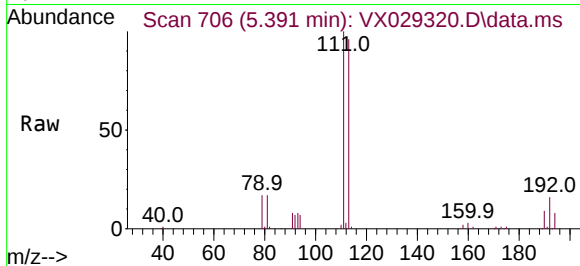




#35
Dibromofluoromethane
Concen: 47.765 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

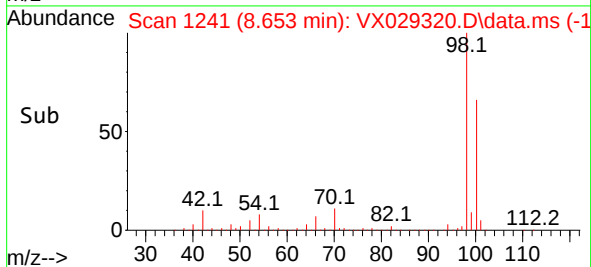
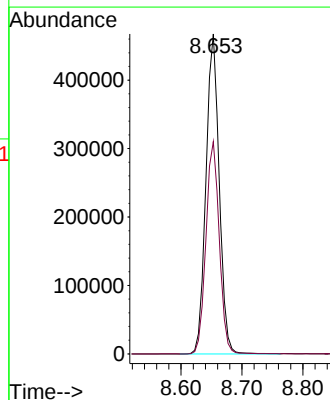
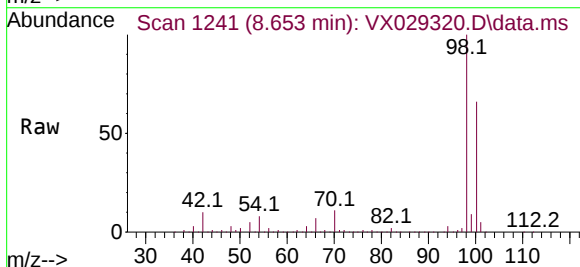
Instrument :
MSVOA_X
ClientSampleId :
MW-13

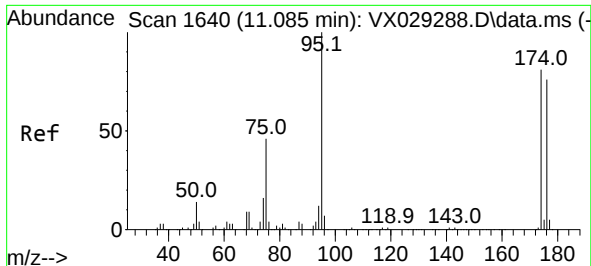
Tgt Ion:113 Resp: 192298
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 17.5 16.9 25.3



#50
Toluene-d8
Concen: 49.481 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 98 Resp: 704526
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 46.175 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX029320.D

Acq: 08 Jun 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-13

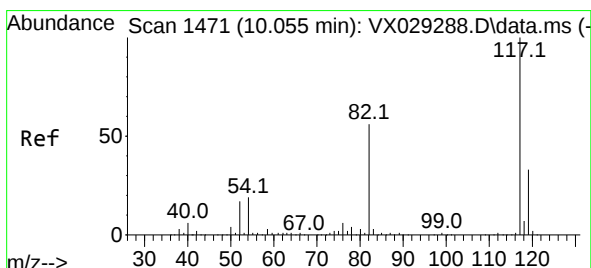
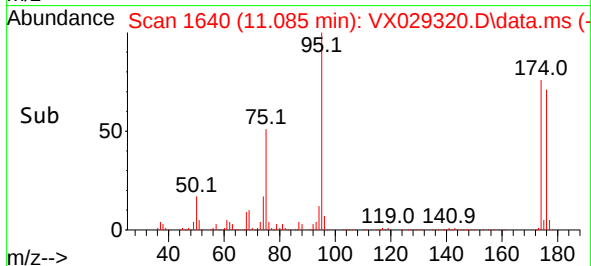
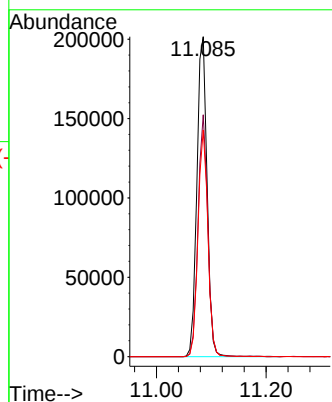
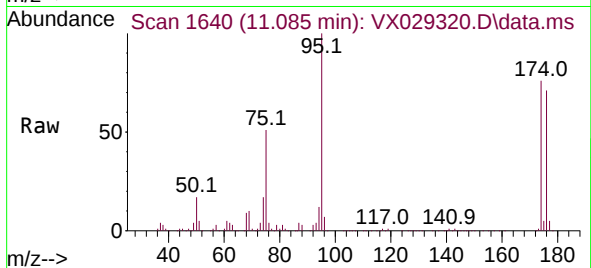
Tgt Ion: 95 Resp: 257286

Ion Ratio Lower Upper

95 100

174 72.5 0.0 163.0

176 68.7 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: VX029320.D

Acq: 08 Jun 2022 14:50

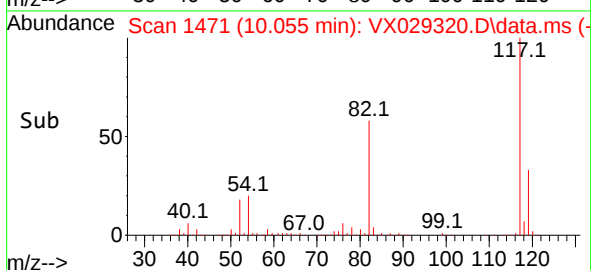
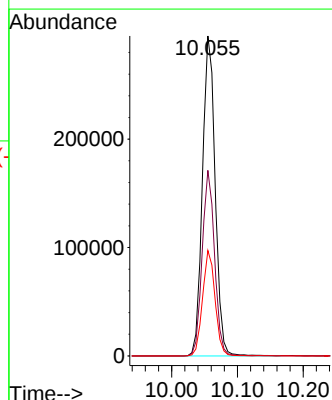
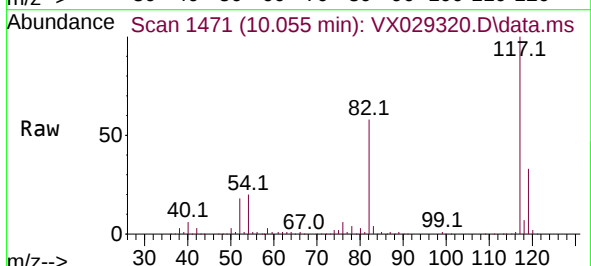
Tgt Ion: 117 Resp: 397372

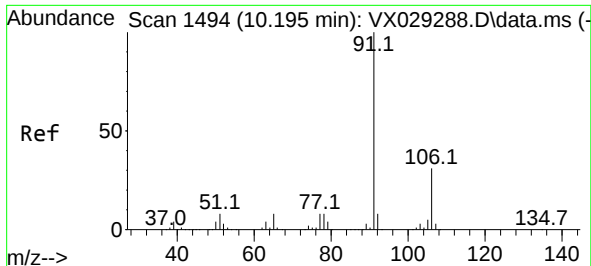
Ion Ratio Lower Upper

117 100

82 58.0 41.8 62.8

119 32.9 24.8 37.2

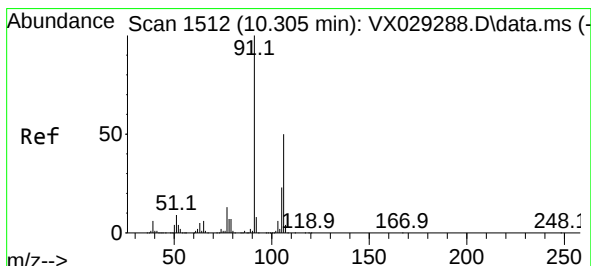
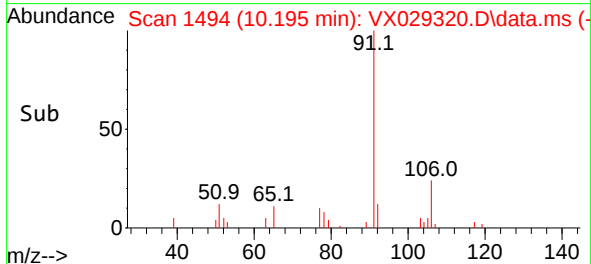
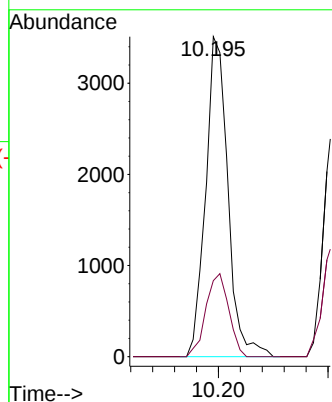
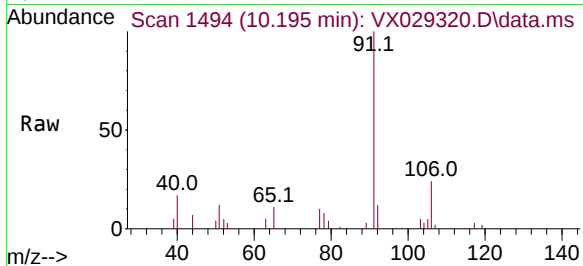




#67
Ethyl Benzene
Concen: 0.258 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

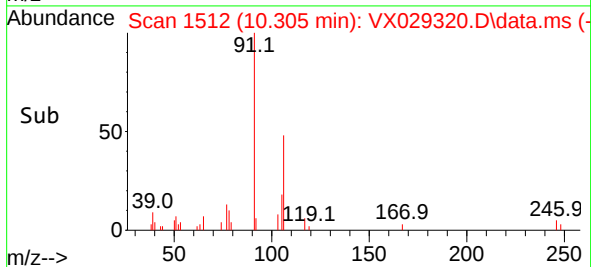
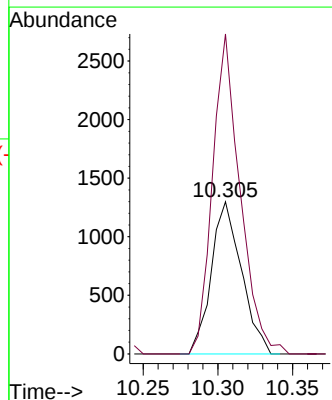
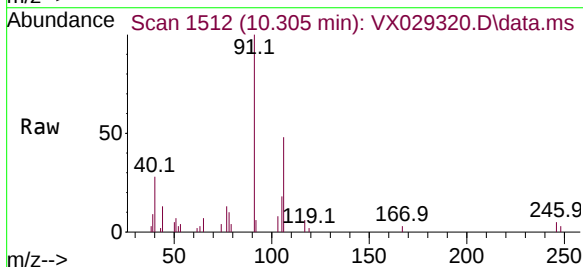
Instrument :
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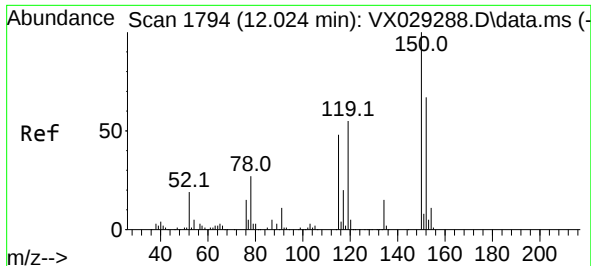
Tgt Ion: 91 Resp: 4961
Ion Ratio Lower Upper
91 100
106 23.7 24.6 36.8#



#68
m/p-Xylenes
Concen: 0.245 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 106 Resp: 1825
Ion Ratio Lower Upper
106 100
91 192.1 160.4 240.6

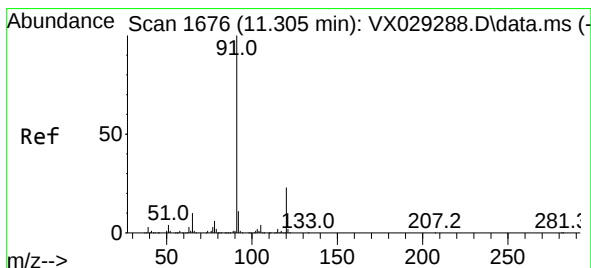
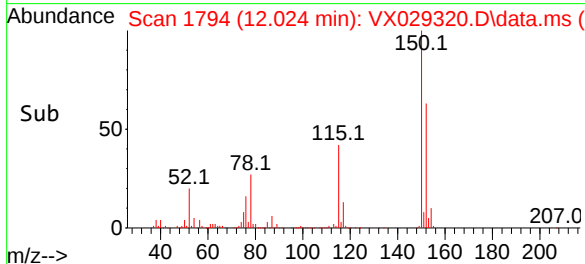
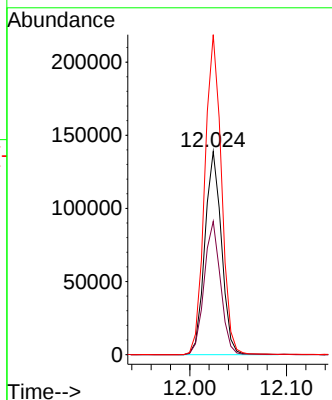
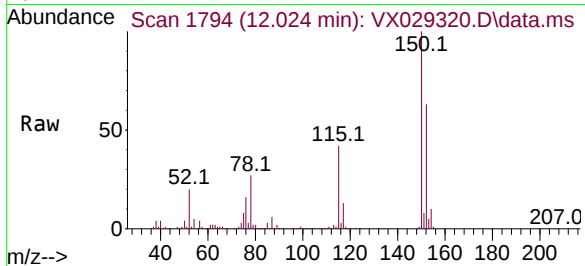




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
MW-13

Tgt Ion:152 Resp: 165082
Ion Ratio Lower Upper
152 100
115 64.7 37.5 112.7
150 157.9 0.0 338.2



#78
n-propylbenzene
Concen: 0.291 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 91 Resp: 4291
Ion Ratio Lower Upper
91 100
120 25.8 11.6 34.8

