

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005455.D
 Acq On : 19 Oct 2018 13:53
 Operator : JC/MD
 Sample : J5538-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WWT1-6

Quant Time: Oct 20 05:07:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166024	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	149244	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
35) Dibromofluoromethane	5.49	113	122078	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	8.72	98	453213	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.14	95	147185	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	

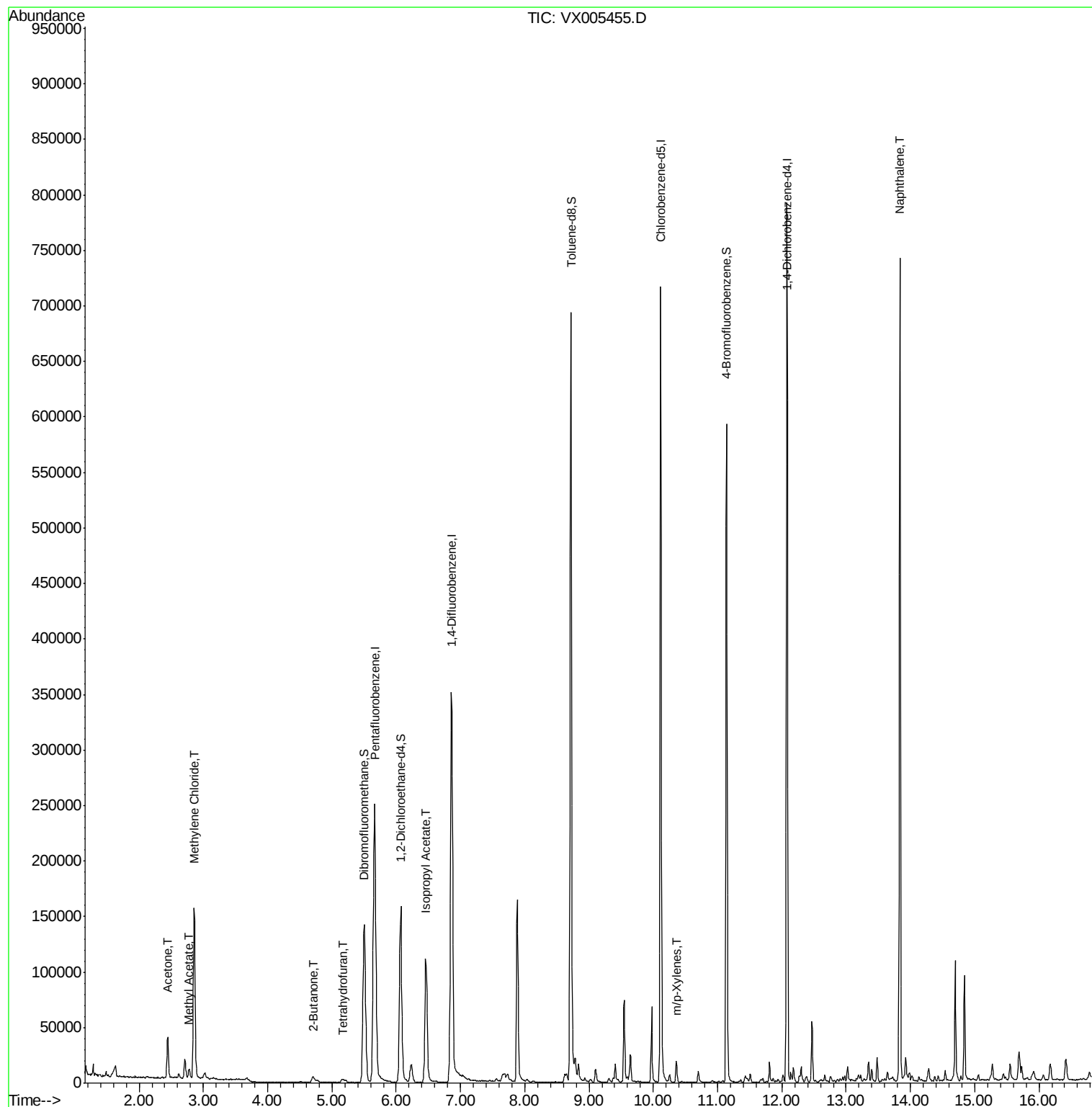
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	39742	23.563	ug/l	99
18) Methyl Acetate	2.78	43	10512	2.191	ug/l	100
20) Methylene Chloride	2.86	84	69426	27.666	ug/l	98
25) 2-Butanone	4.71	43	9826	3.982	ug/l	97
29) Tetrahydrofuran	5.17	42	2603	1.654	ug/l	95
43) Isopropyl Acetate	6.46	43	150526	23.774	ug/l	96
68) m/p-Xylenes	10.36	106	4711	1.033	ug/l	98
95) Naphthalene	13.83	128	451348	39.420	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

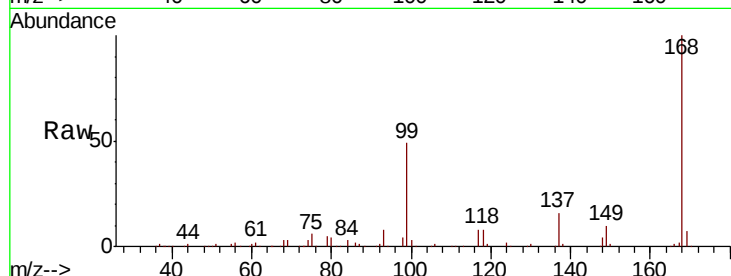
WWT1-6

Tot Ion:168 Resp: 262833

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

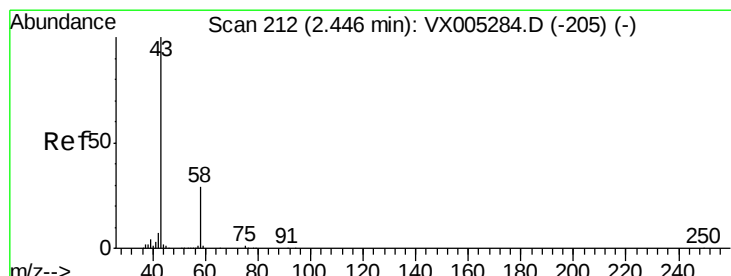
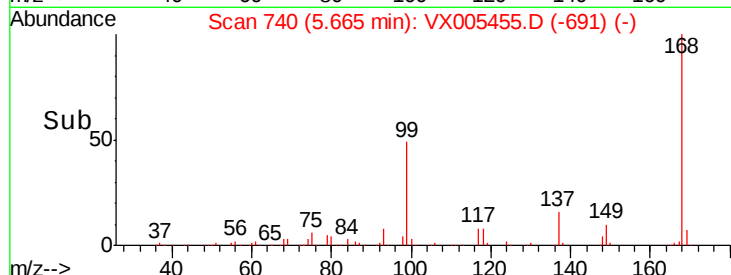
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 23.563 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005455.D

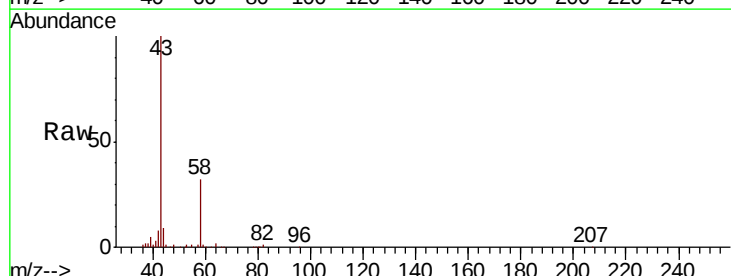
Acq: 19 Oct 2018 13:53

Tgt Ion: 43 Resp: 39742

Ion Ratio Lower Upper

43 100

58 32.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

25000

20000

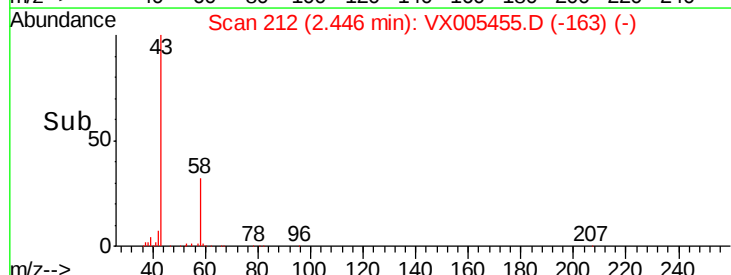
15000

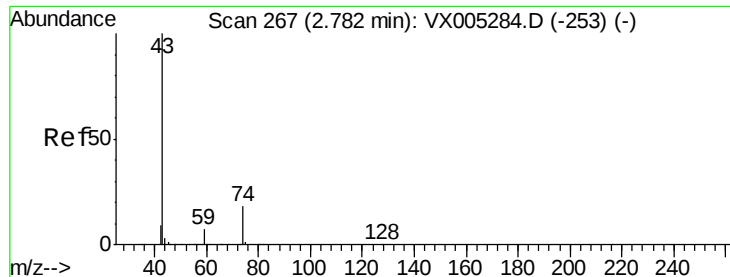
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

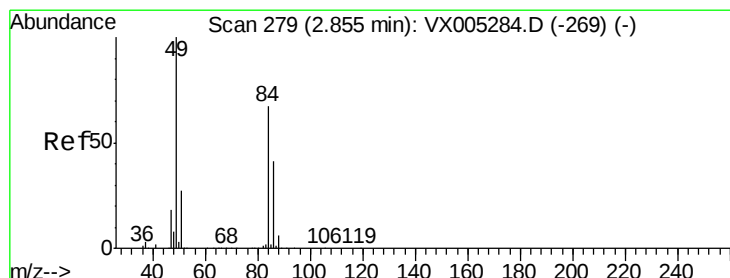
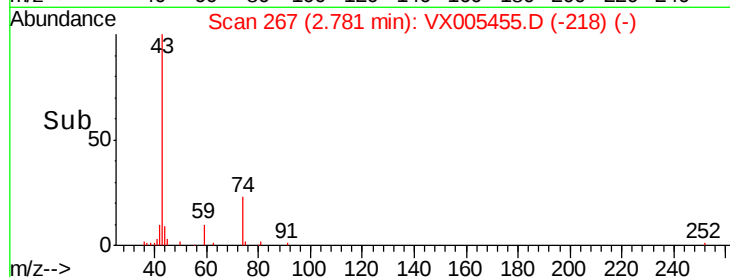
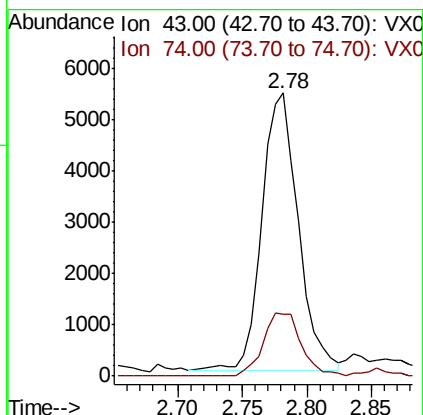
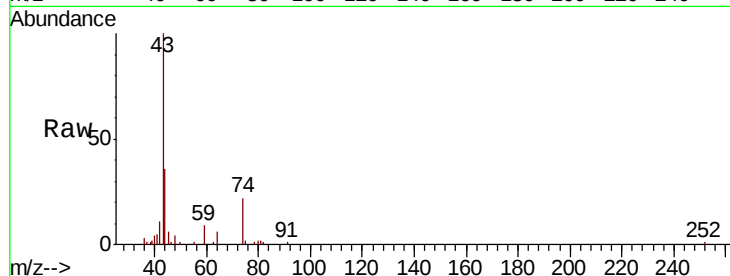




#18
Methvl Acetate
Concen: 2.191 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

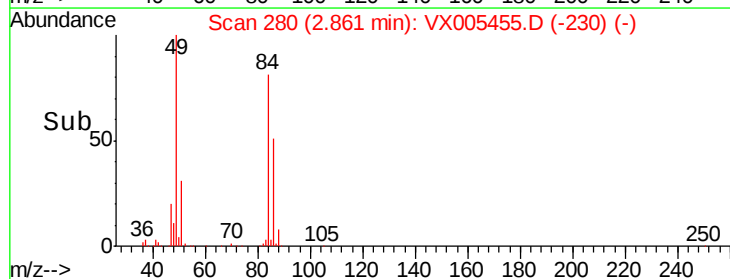
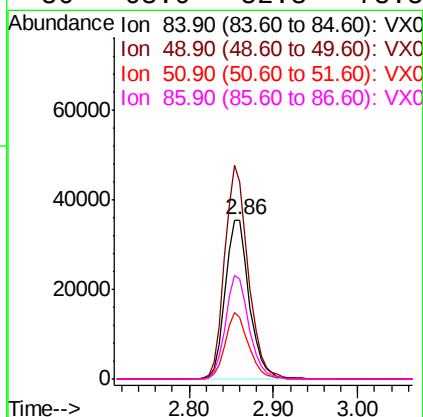
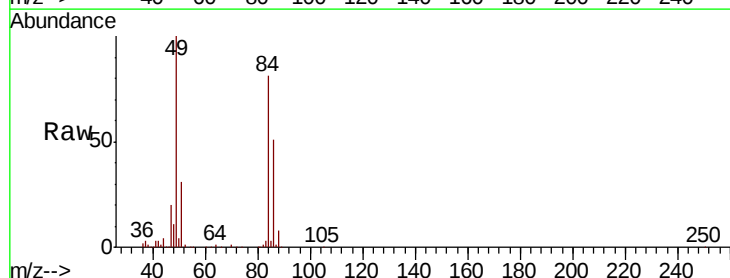
Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

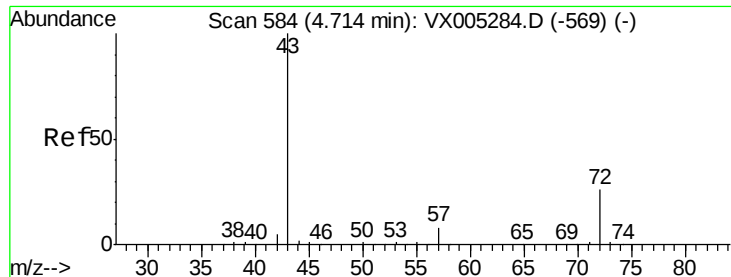
Tot Ion: 43 Resp: 10512
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2



#20
Methylene Chloride
Concen: 27.666 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 84 Resp: 69426
Ion Ratio Lower Upper
84 100
49 124.1 101.2 151.8
51 38.4 29.5 44.3
86 63.0 52.3 78.5





#25

2-Butanone

Concen: 3.982 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.01 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampled :

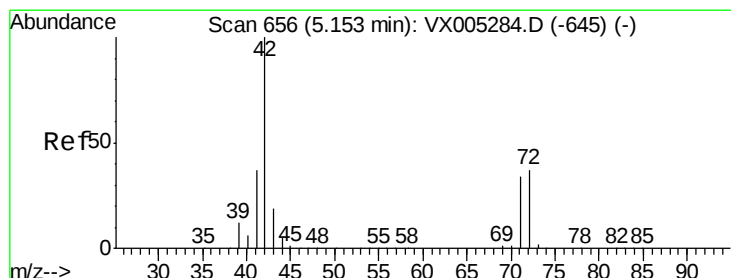
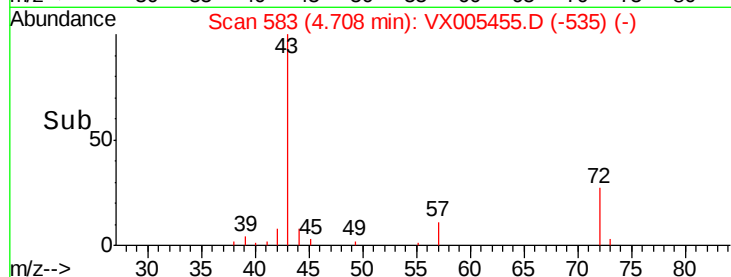
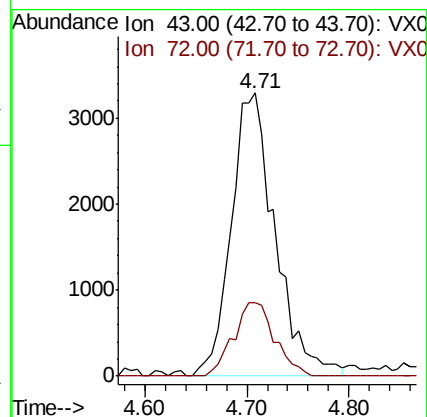
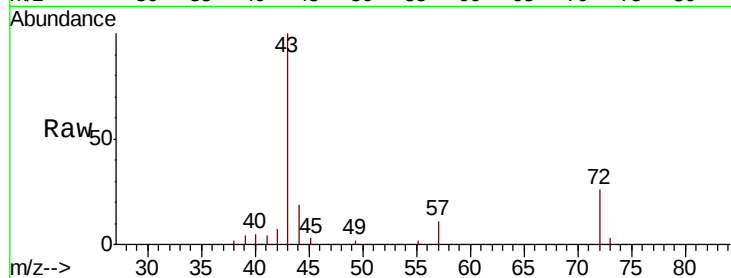
WWT1-6

Tot Ion: 43 Resp: 9826

Ion Ratio Lower Upper

43 100

72 26.0 22.0 33.0



#29

Tetrahydrofuran

Concen: 1.654 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

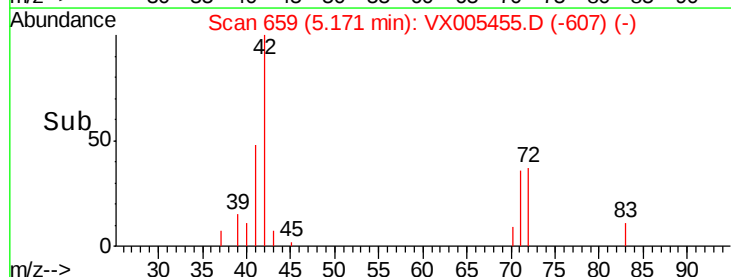
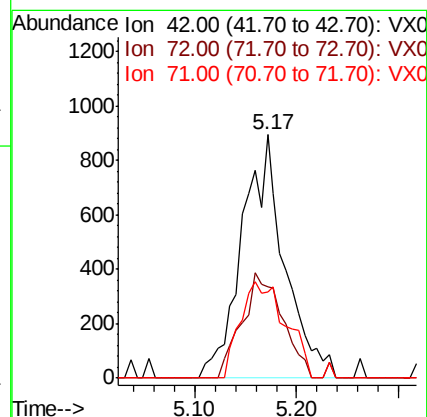
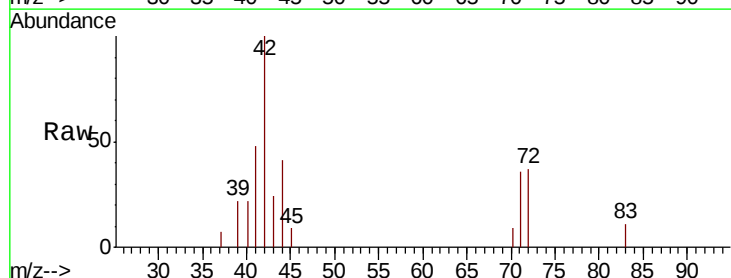
Tgt Ion: 42 Resp: 2603

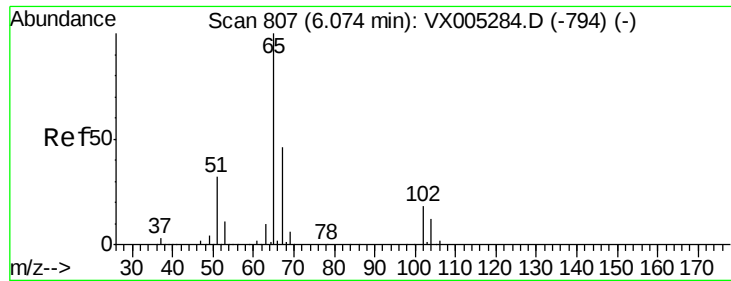
Ion Ratio Lower Upper

42 100

72 41.1 37.4 56.0

71 41.8 34.5 51.7

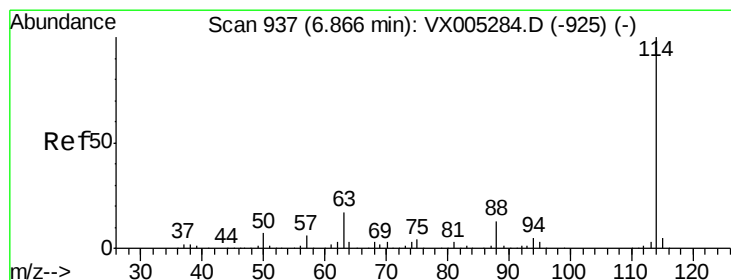
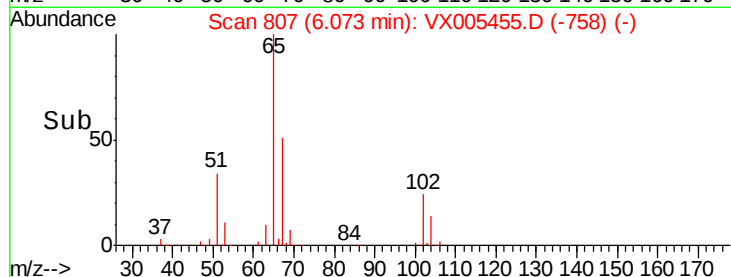
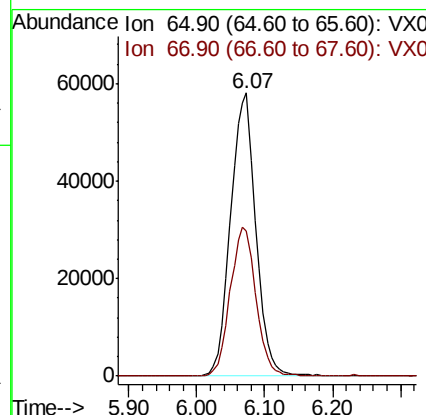
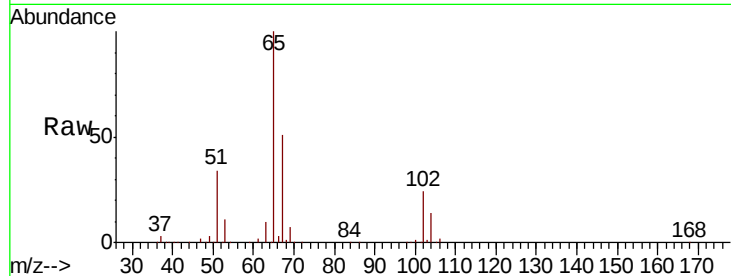




#33
 1,2-Dichloroethane-d4
 Concen: 51.163 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX005455.D
 Acq: 19 Oct 2018 13:53

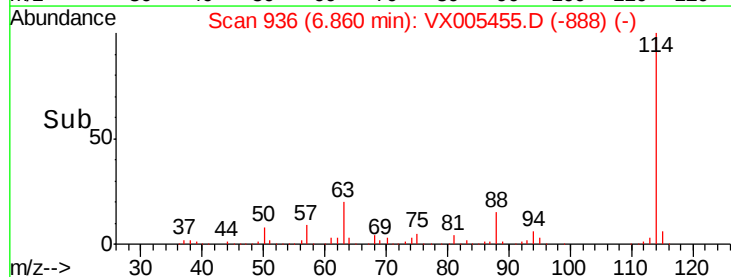
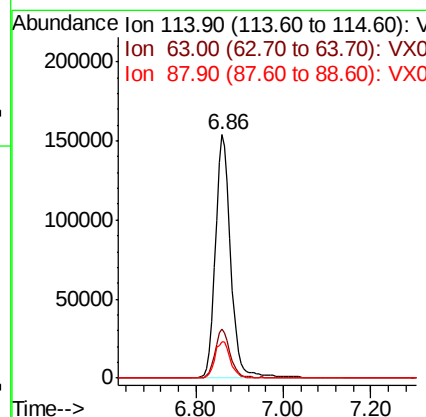
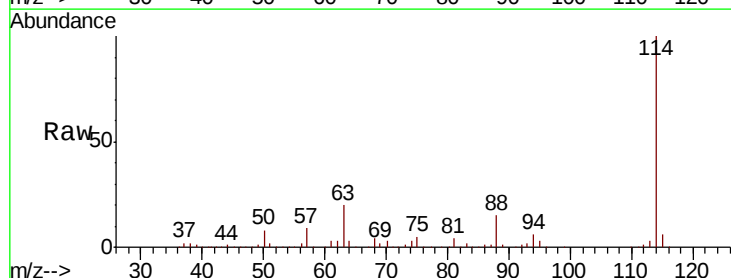
Instrument :
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 ClientSampleId :
 WWT1-6

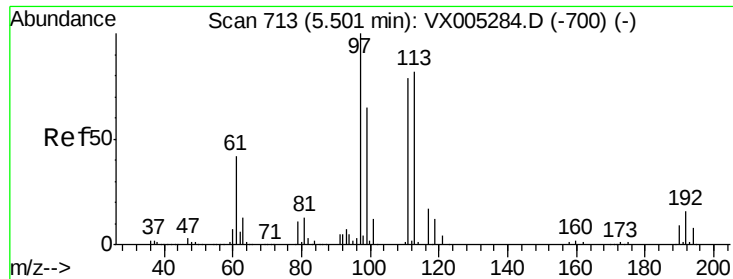
Tot Ion: 65 Resp: 149244
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005455.D
 Acq: 19 Oct 2018 13:53

Tgt Ion: 114 Resp: 381619
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.1 0.0 30.4

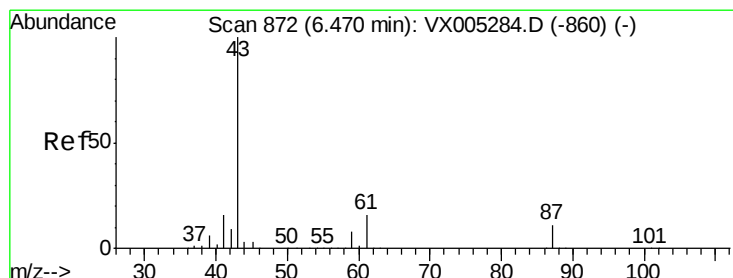
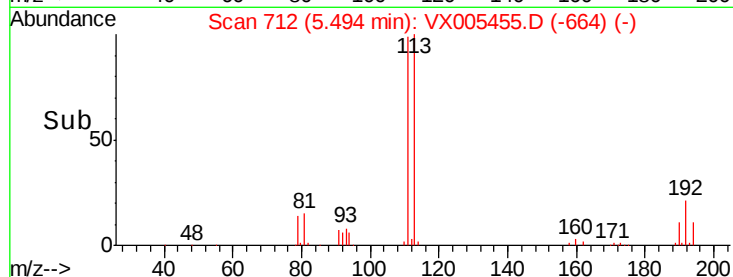
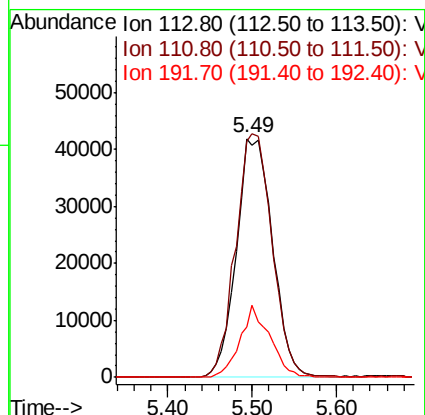
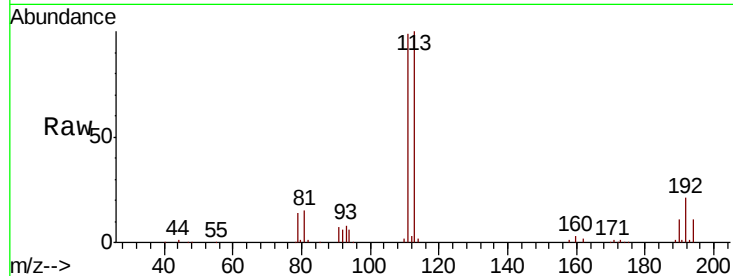




#35
 Dibromofluoromethane
 Concen: 48.299 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005455.D
 Acq: 19 Oct 2018 13:53

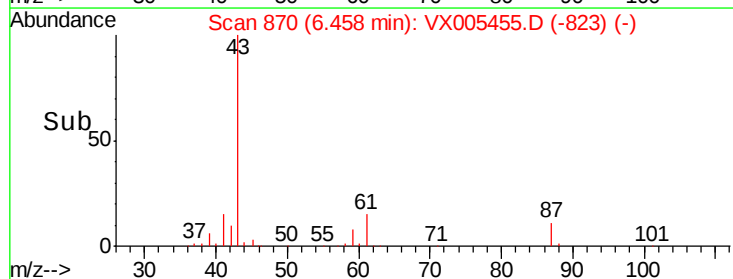
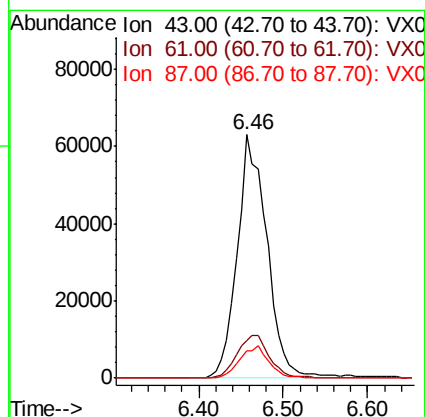
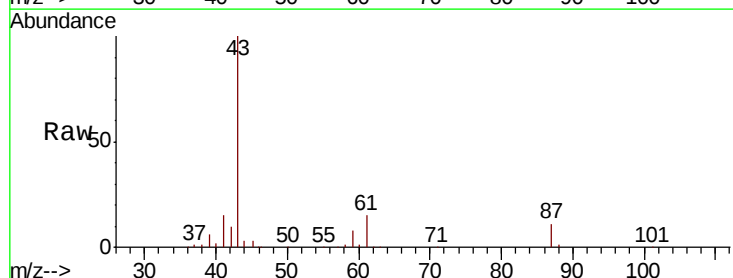
Instrument :
 MSVOA_X
 ClientSampled :
 WWT1-6

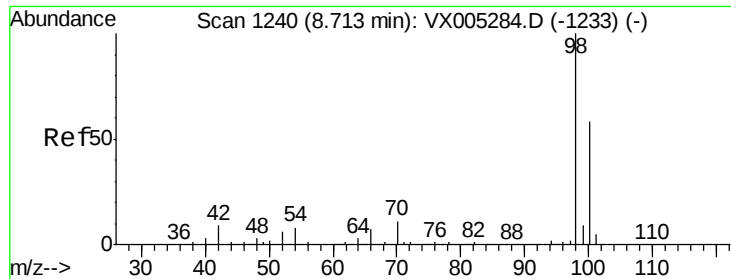
Tot Ion:113 Resp: 122078
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 24.7 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 23.774 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005455.D
 Acq: 19 Oct 2018 13:53

Tgt Ion: 43 Resp: 150526
 Ion Ratio Lower Upper
 43 100
 61 19.3 17.0 25.4
 87 13.1 11.4 17.2

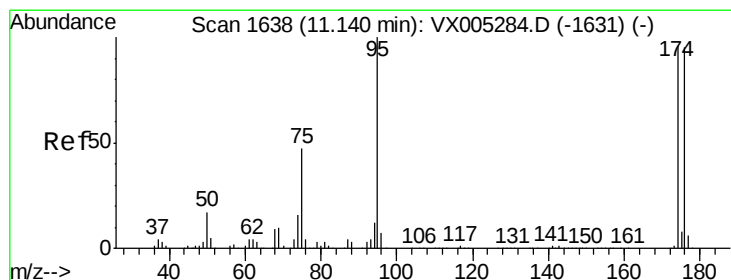
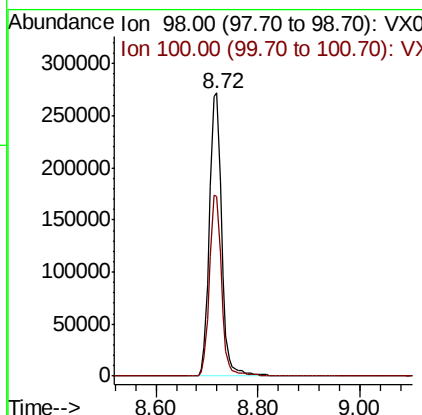
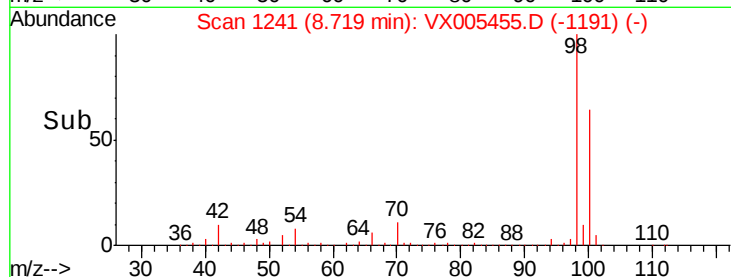
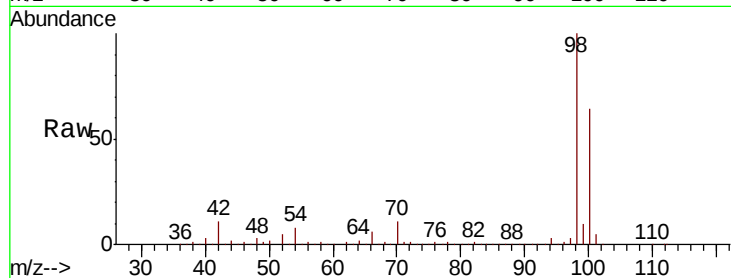




#50
Toluene-d8
Concen: 52.230 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

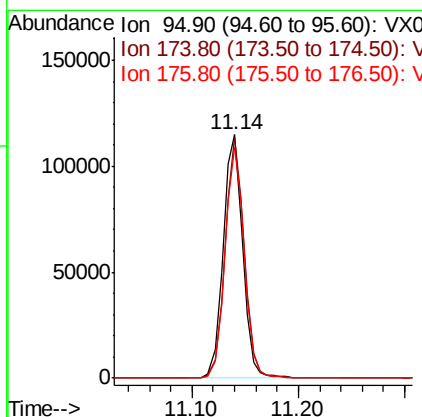
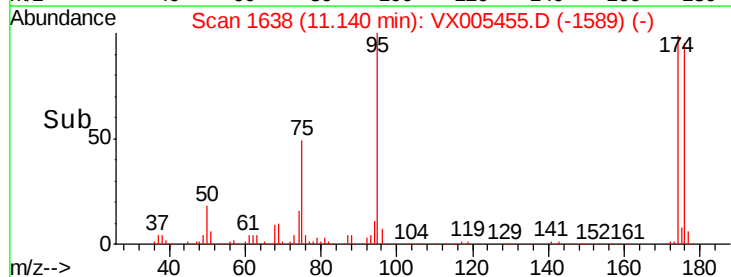
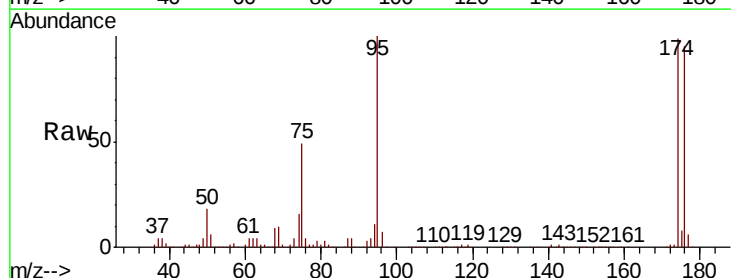
Instrument :
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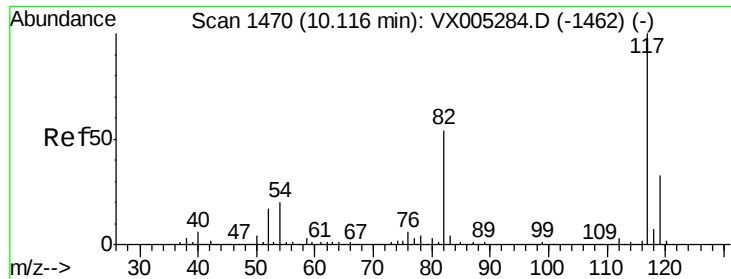
Tot Ion: 98 Resp: 453213
Ion Ratio Lower Upper
98 100
100 62.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.152 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion: 95 Resp: 147185
Ion Ratio Lower Upper
95 100
174 96.9 0.0 185.2
176 93.6 0.0 178.6

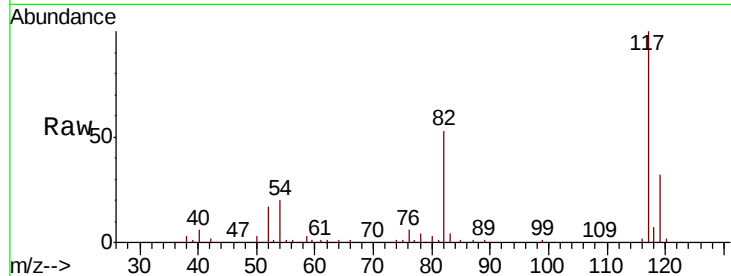




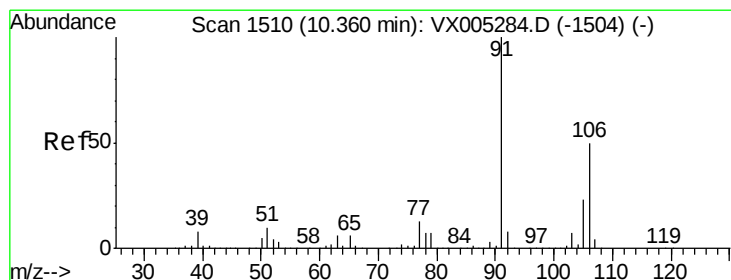
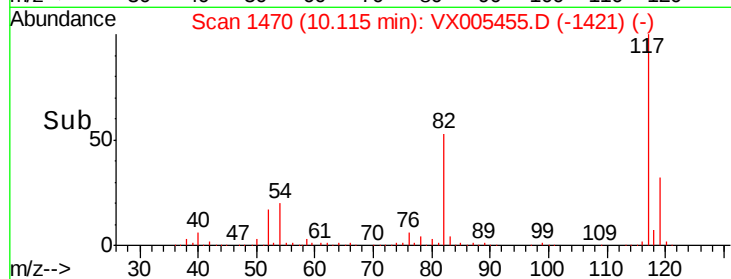
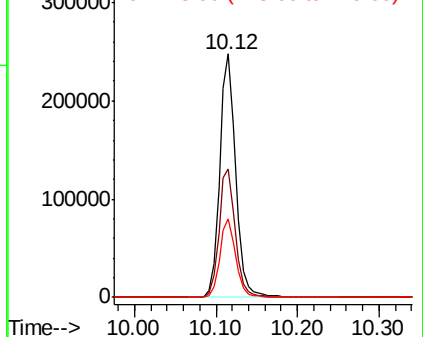
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
WWT1-6

Tot Ion:117 Resp: 339857
Ion Ratio Lower Upper
117 100
82 52.7 47.8 71.6
119 32.4 29.3 43.9

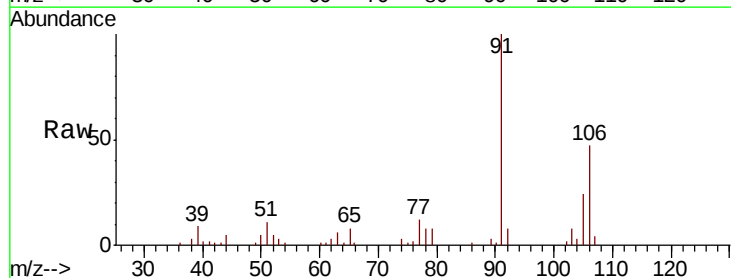


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

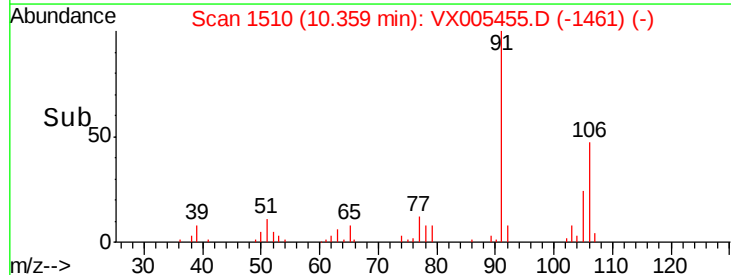
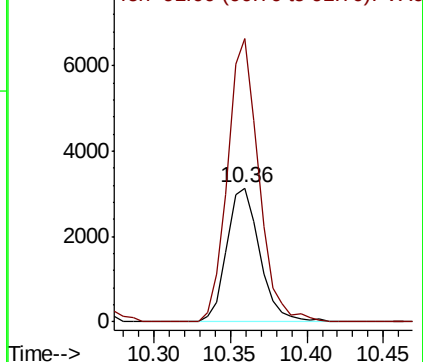


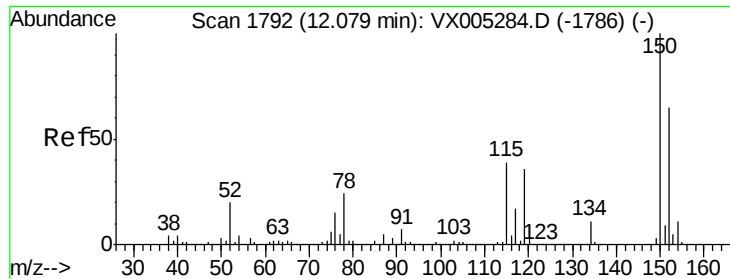
#68
m/p-Xylenes
Concen: 1.033 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005455.D
Acq: 19 Oct 2018 13:53

Tgt Ion:106 Resp: 4711
Ion Ratio Lower Upper
106 100
91 199.6 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

Instrument :

MSVOA_X

ClientSampled :

WWT1-6

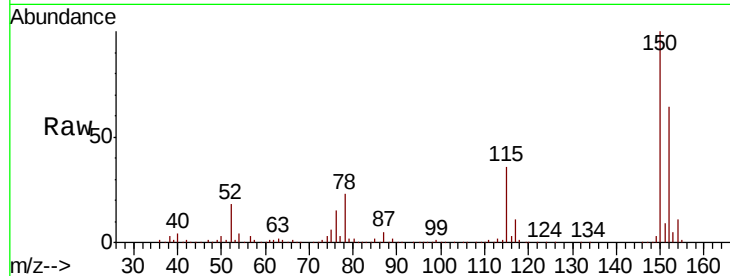
Tot Ion:152 Resp: 166024

Ion Ratio Lower Upper

152 100

115 54.4 39.0 117.0

150 156.4 0.0 351.0

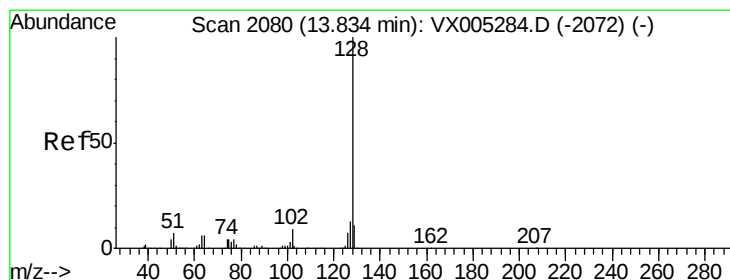
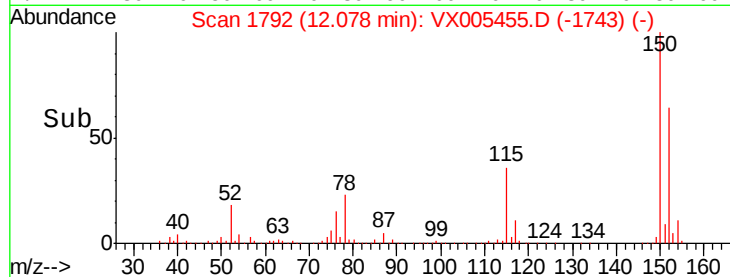
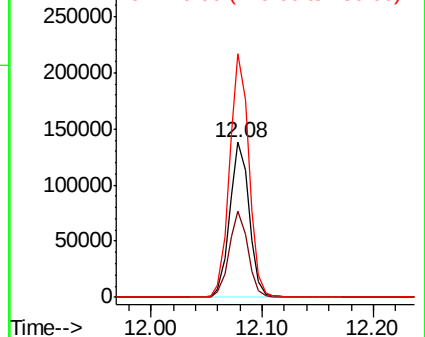


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 39.420 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005455.D

Acq: 19 Oct 2018 13:53

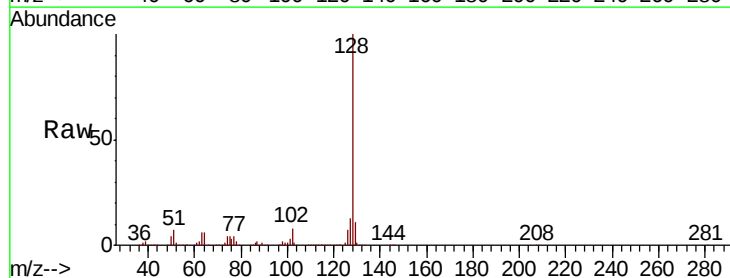
Tgt Ion:128 Resp: 451348

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.6 12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

