

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010622.D
 Acq On : 02 Jul 2019 17:11
 Operator : JC/SP
 Sample : K3636-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0961-9001

Quant Time: Jul 03 03:52:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

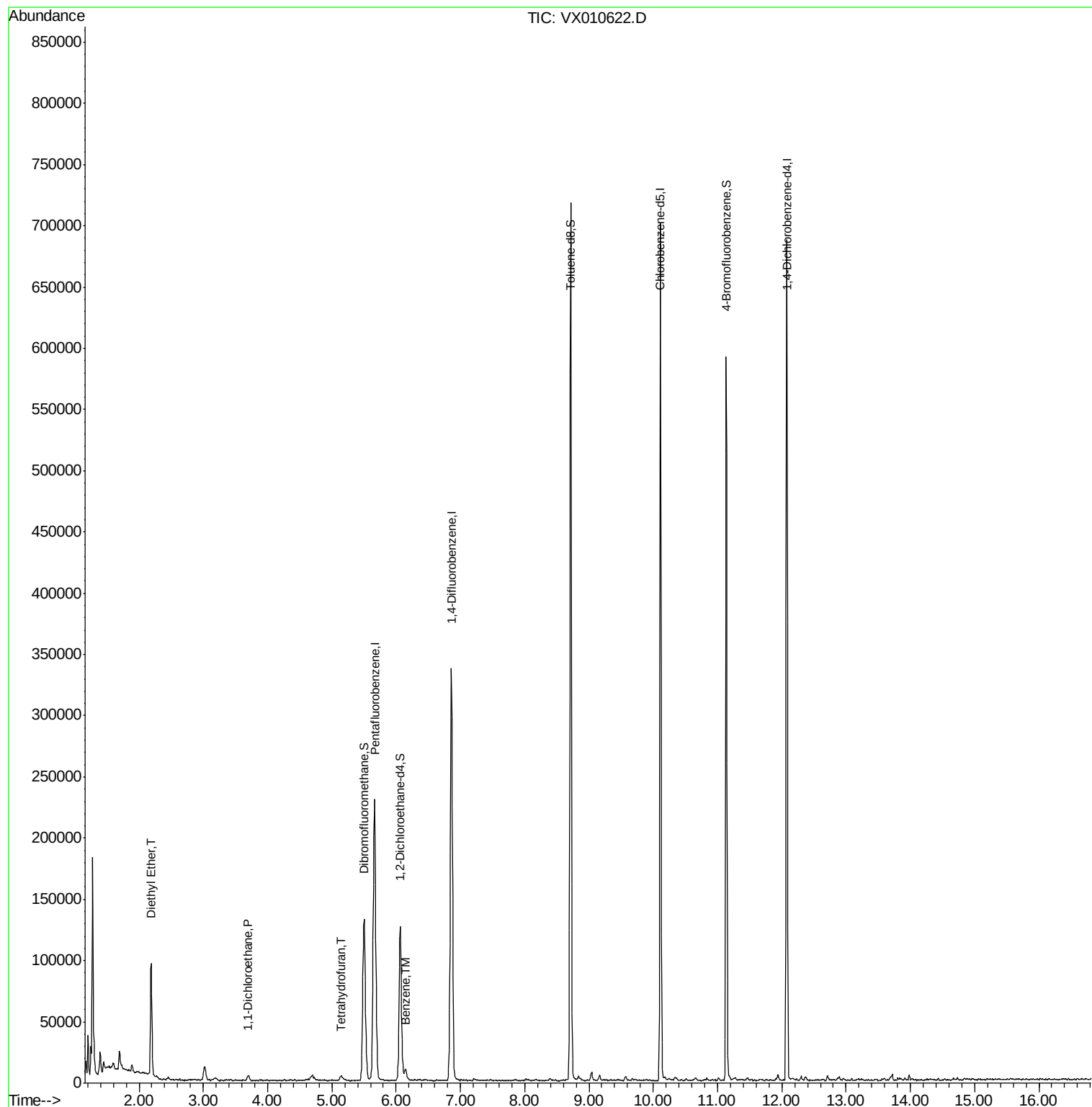
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	114913	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	5.50	113	110626	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	428630	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	145405	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
8) Diethyl Ether	2.19	74	31135	26.499	ug/l	99
24) 1,1-Dichloroethane	3.69	63	4415	1.274	ug/l	98
29) Tetrahydrofuran	5.14	42	4107	4.127	ug/l	95
40) Benzene	6.14	78	10187	1.125	ug/l	99

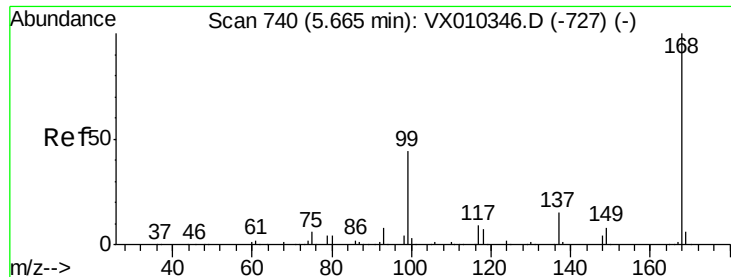
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

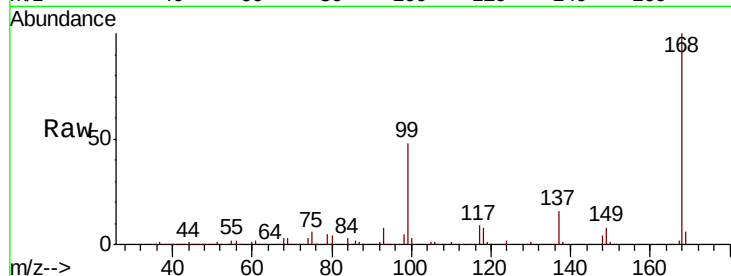
SP19-JMW0961-9001

Tot Ion:168 Resp: 233084

Ion Ratio Lower Upper

168 100

99 47.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

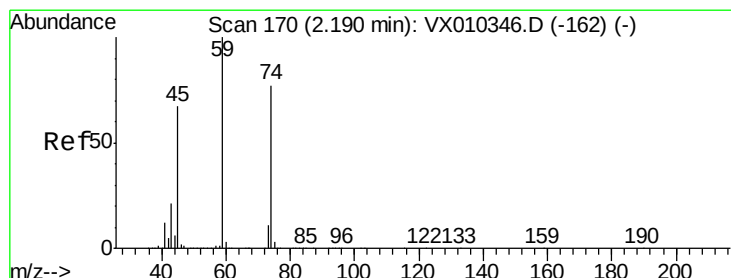
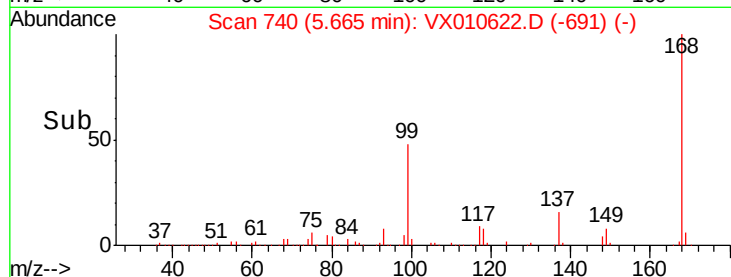
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 26.499 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010622.D

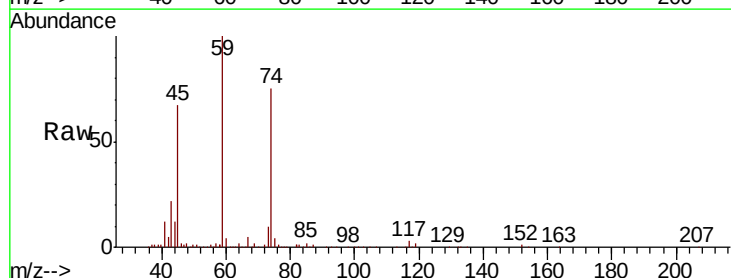
Acq: 02 Jul 2019 17:11

Tgt Ion: 74 Resp: 31135

Ion Ratio Lower Upper

74 100

45 88.3 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

20000

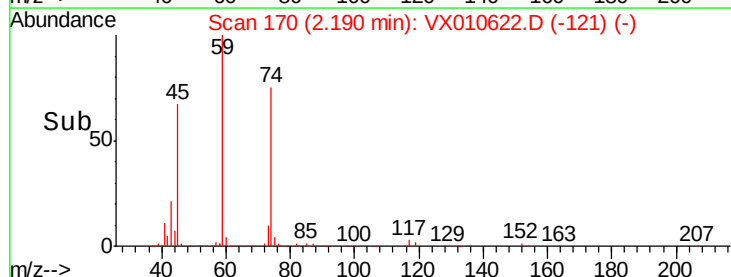
15000

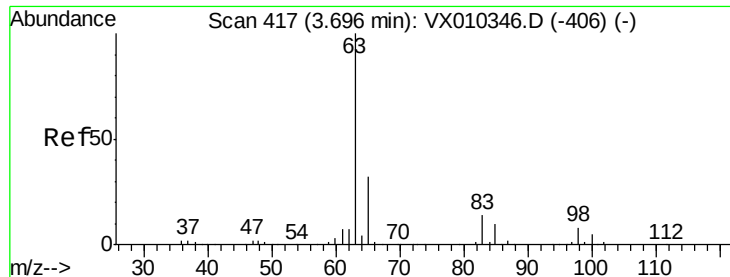
10000

5000

0

Time--> 2.10 2.15 2.20 2.25





#24

1,1-Dichloroethane

Concen: 1.274 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010622.D

Acq: 02 Jul 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0961-9001

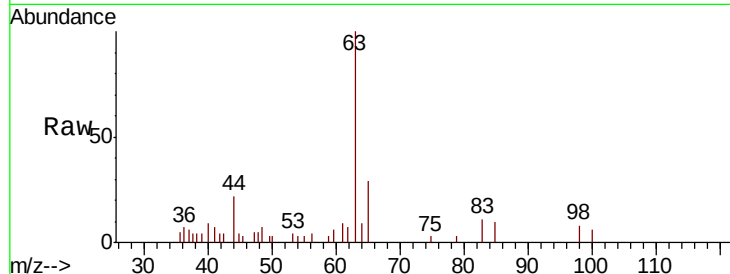
Tot Ion: 63 Resp: 4415

Ion Ratio Lower Upper

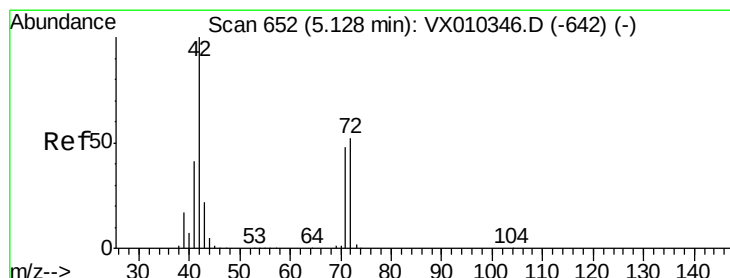
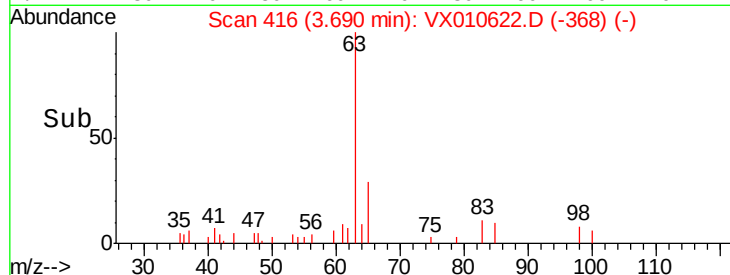
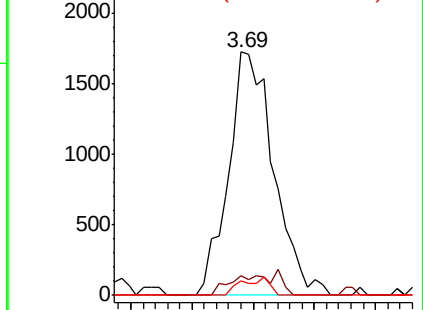
63 100

98 8.2 3.9 11.7

100 5.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#29

Tetrahydrofuran

Concen: 4.127 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX010622.D

Acq: 02 Jul 2019 17:11

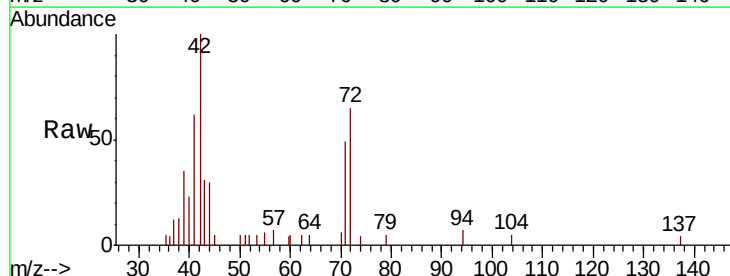
Tgt Ion: 42 Resp: 4107

Ion Ratio Lower Upper

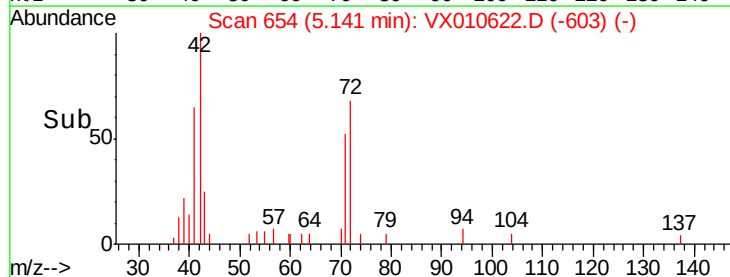
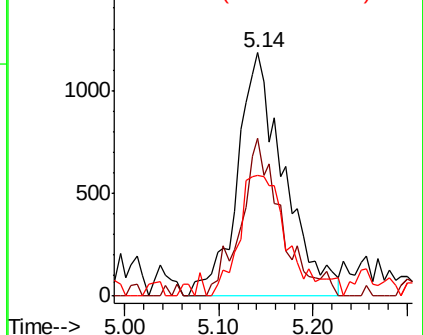
42 100

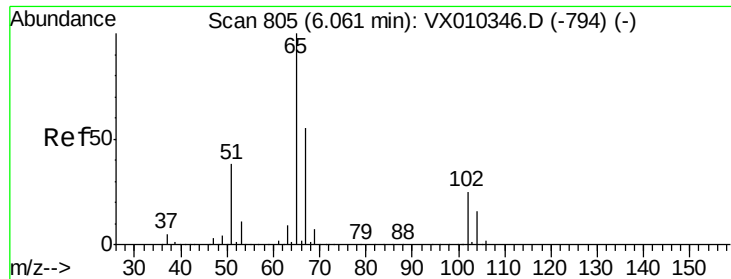
72 54.6 40.6 60.8

71 49.6 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

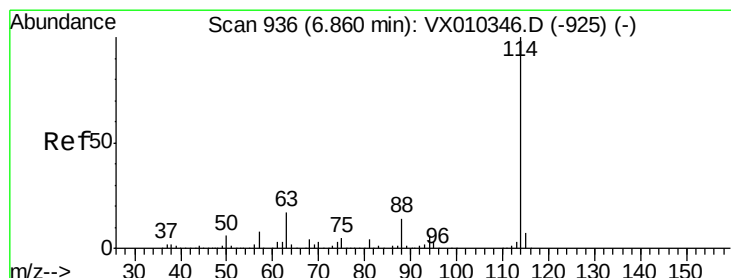
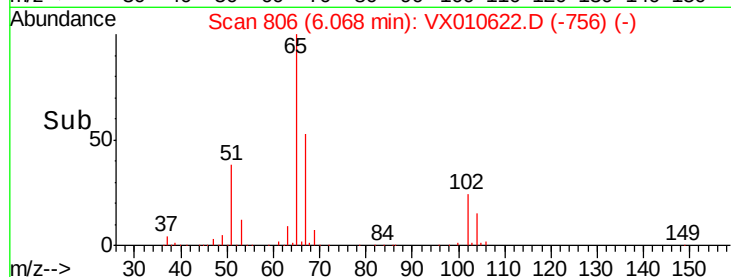
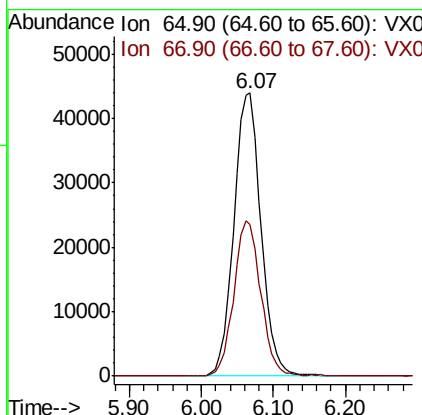
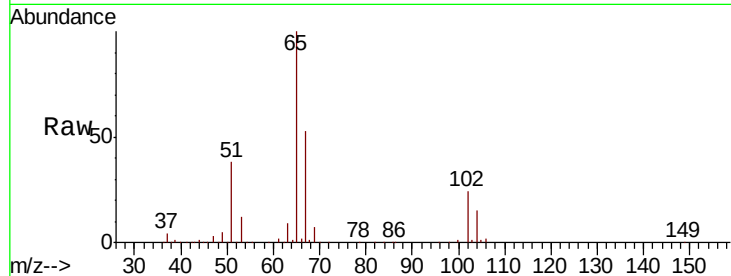




#33
 1,2-Dichloroethane-d4
 Concen: 52.582 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010622.D
 Acq: 02 Jul 2019 17:11

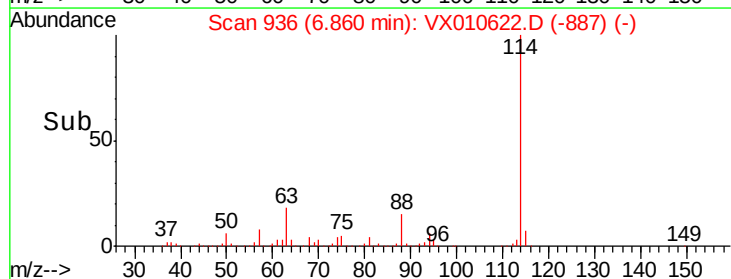
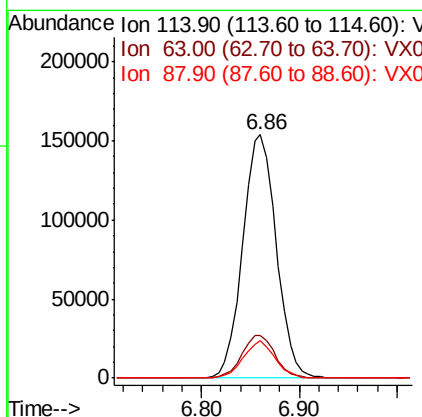
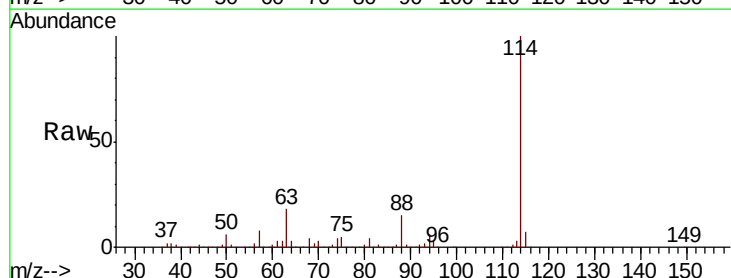
Instrument :
 MSVOA_X
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 SP19-JMW0961-9001

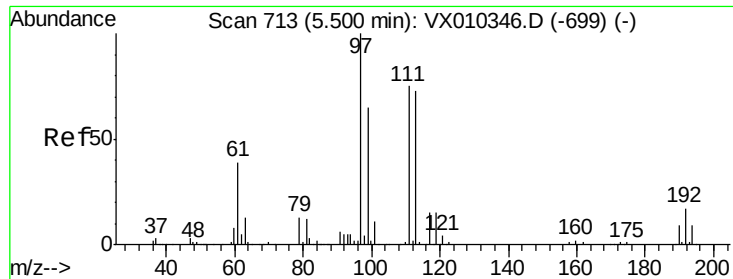
Tot Ion: 65 Resp: 114913
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010622.D
 Acq: 02 Jul 2019 17:11

Tgt Ion: 114 Resp: 365847
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 15.3 0.0 27.6

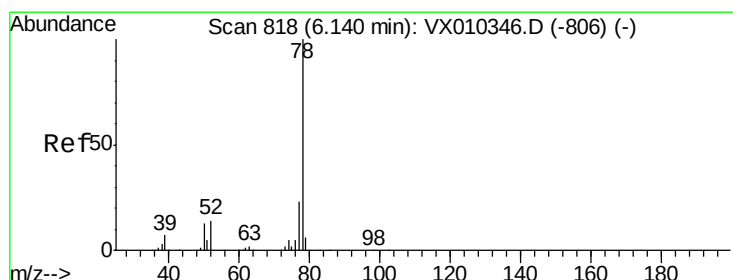
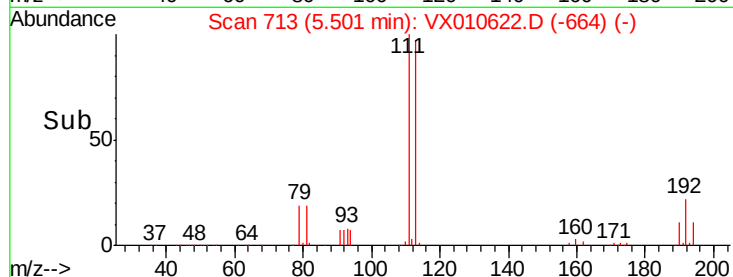
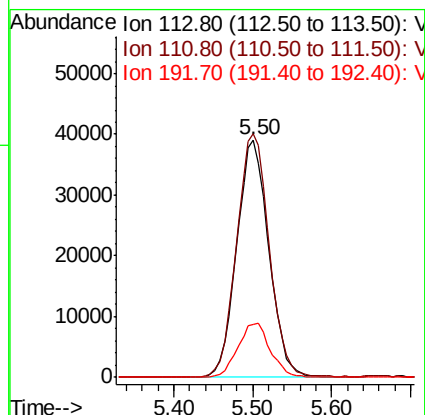
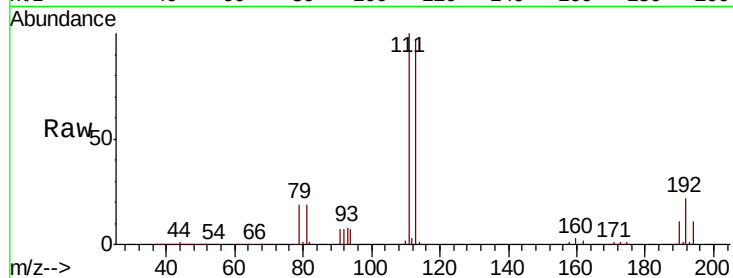




#35
 Dibromofluoromethane
 Concen: 49.422 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010622.D
 Acq: 02 Jul 2019 17:11

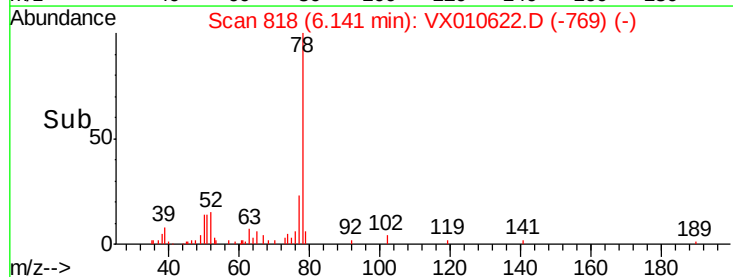
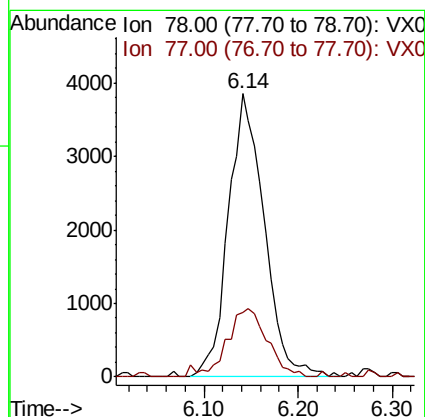
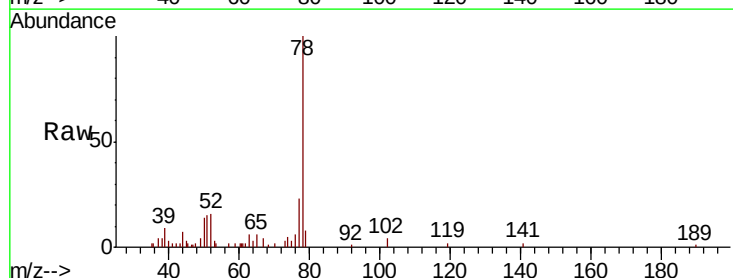
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0961-9001

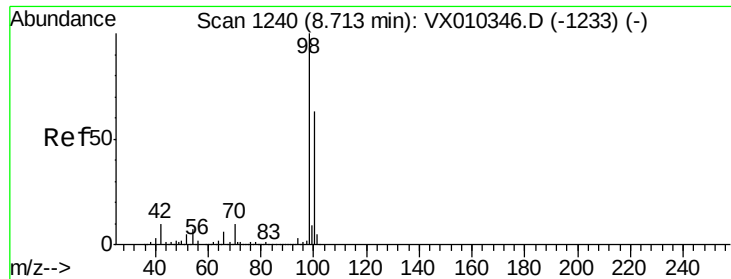
Tot Ion:113 Resp: 110626
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.2 121.8
 192 23.0 18.6 27.8



#40
 Benzene
 Concen: 1.125 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: VX010622.D
 Acq: 02 Jul 2019 17:11

Tgt Ion: 78 Resp: 10187
 Ion Ratio Lower Upper
 78 100
 77 22.8 18.6 28.0

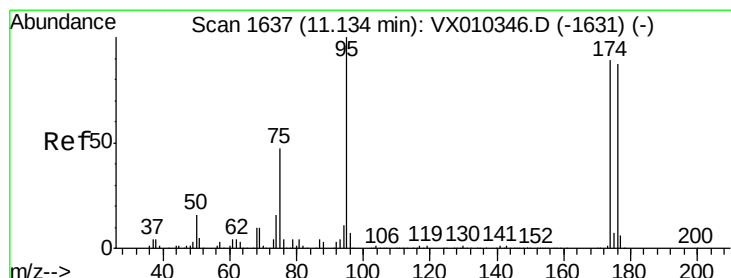
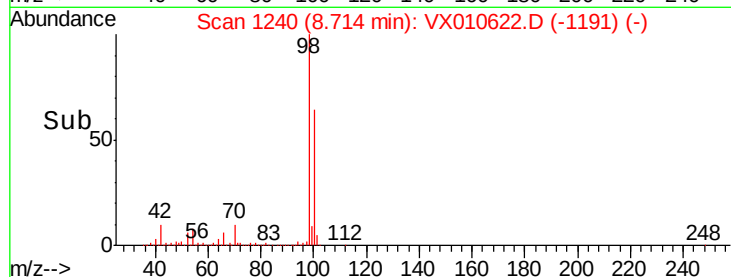
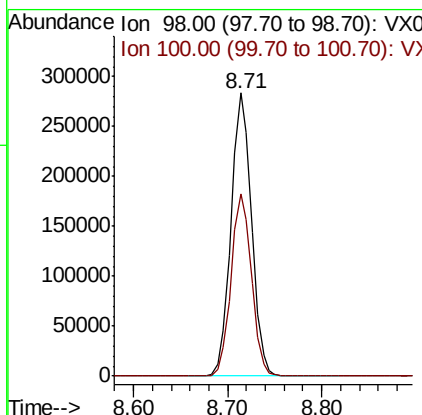
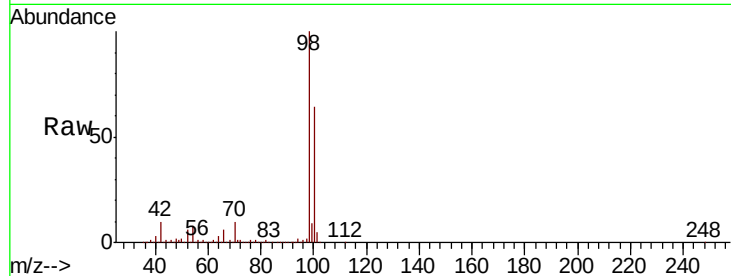




#50
Toluene-d8
Concen: 50.052 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010622.D
Acq: 02 Jul 2019 17:11

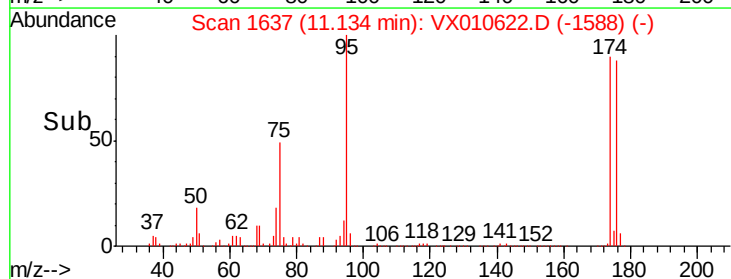
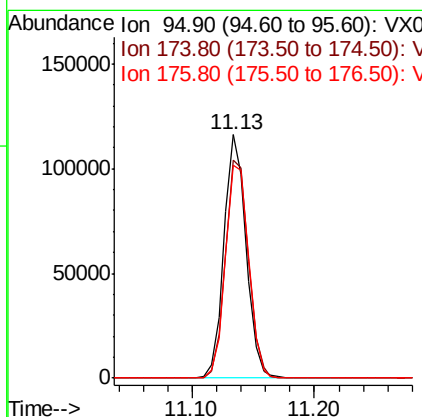
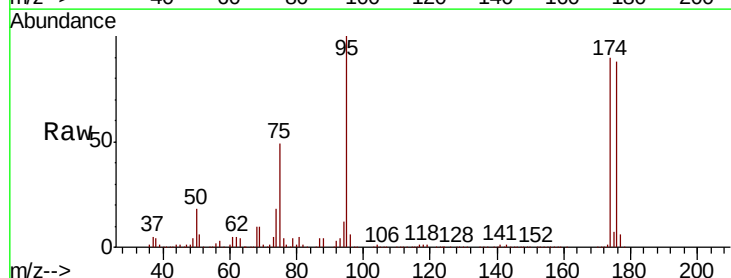
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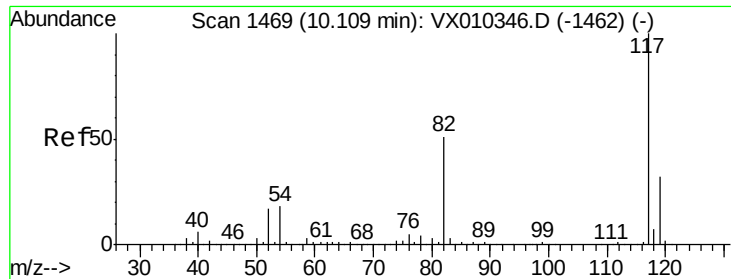
Tot Ion: 98 Resp: 428630
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.031 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010622.D
Acq: 02 Jul 2019 17:11

Tgt Ion: 95 Resp: 145405
Ion Ratio Lower Upper
95 100
174 93.2 0.0 187.6
176 92.7 0.0 184.0

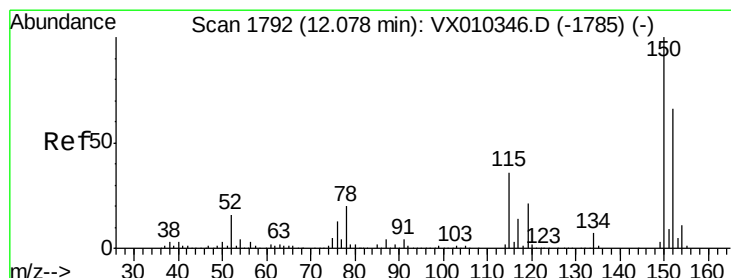
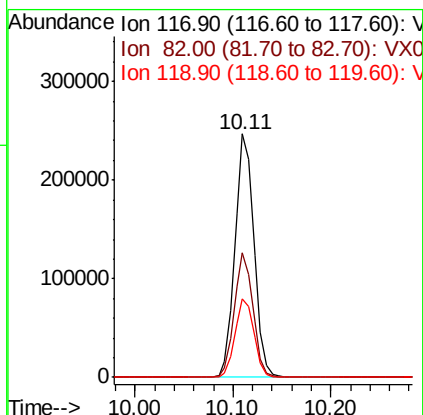
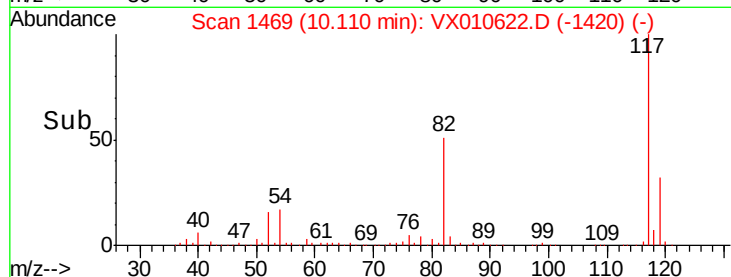
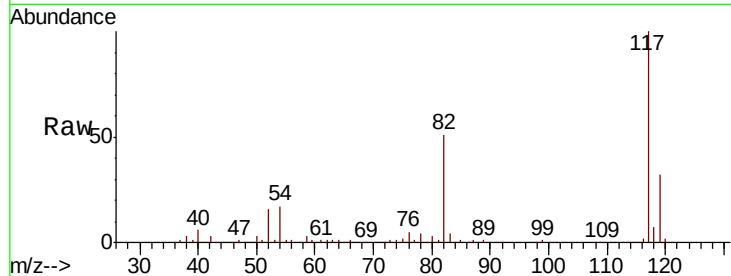




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010622.D
Acq: 02 Jul 2019 17:11

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0961-9001

Tot Ion:117 Resp: 333255
Ion Ratio Lower Upper
117 100
82 51.2 41.2 61.8
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010622.D
Acq: 02 Jul 2019 17:11

Tgt Ion:152 Resp: 155364
Ion Ratio Lower Upper
152 100
115 53.5 38.6 115.7
150 155.2 0.0 347.4

