

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011372.D
 Acq On : 07 Aug 2019 18:51
 Operator : JC/SP
 Sample : K4220-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26S_080719

Quant Time: Aug 08 07:51:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

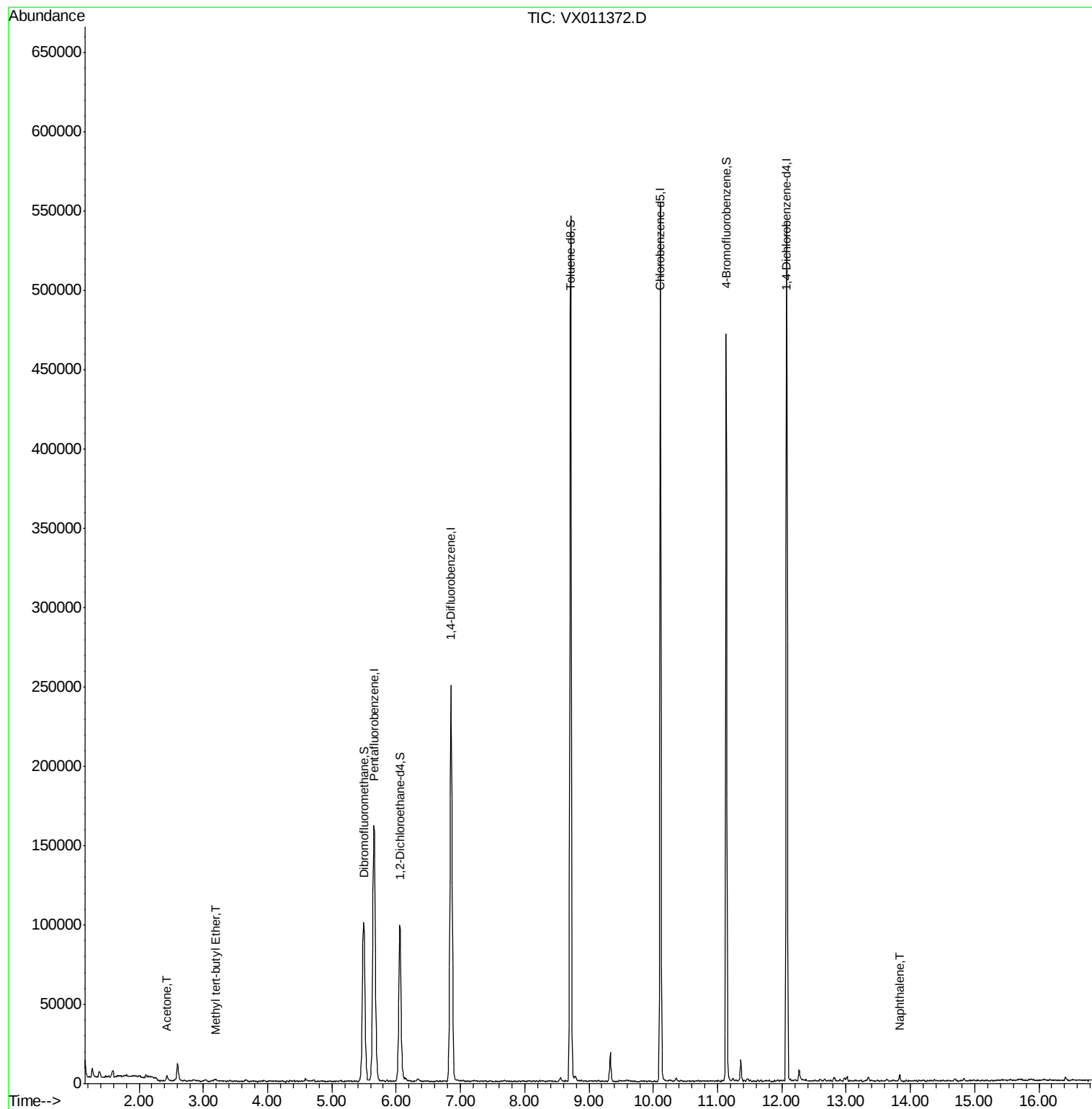
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	92341	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
35) Dibromofluoromethane	5.49	113	83885	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	320102	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	113402	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
Target Compounds						
16) Acetone	2.43	43	3551	4.616	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1506	0.350	ug/l #	76
95) Naphthalene	13.83	128	2352	0.311	ug/l #	94

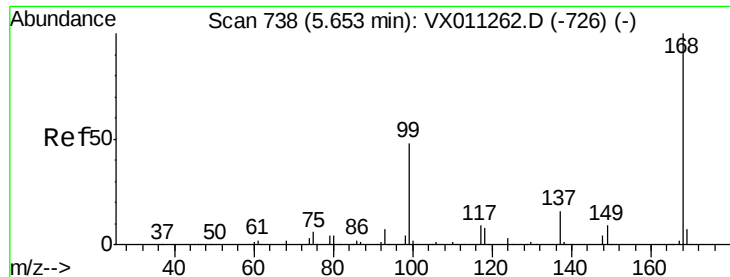
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011372.D

Acq: 07 Aug 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

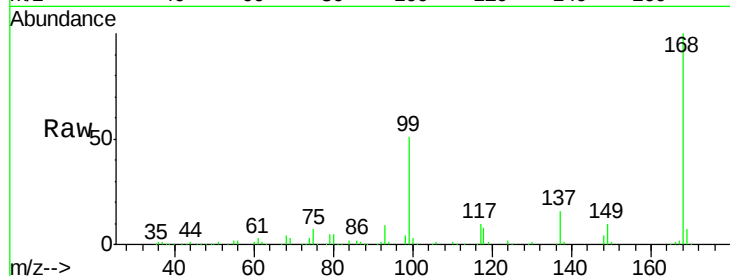
MW-26S_080719

Tot Ion:168 Resp: 160477

Ion Ratio Lower Upper

168 100

99 51.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

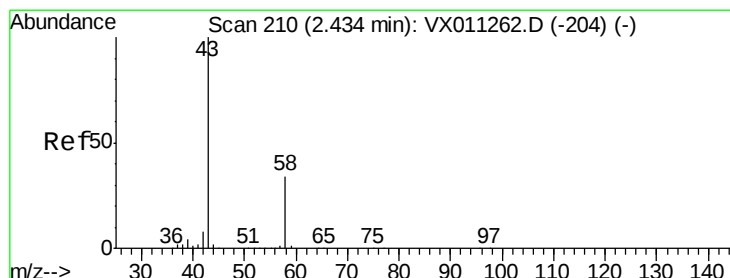
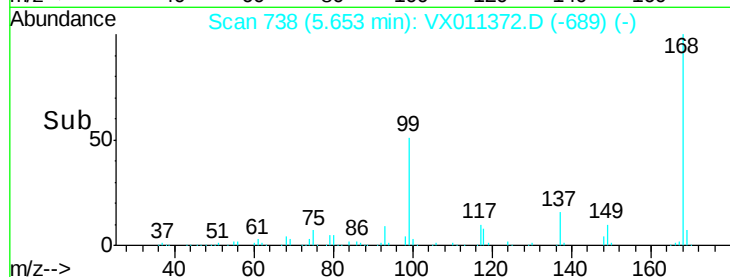
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.616 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011372.D

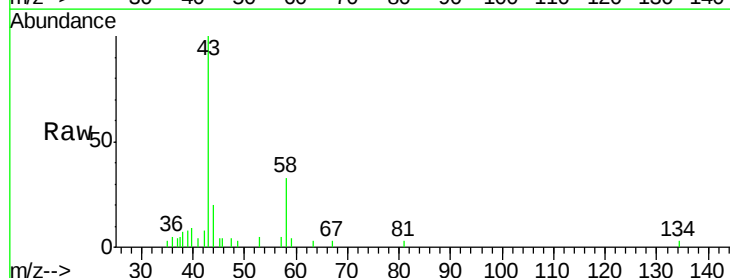
Acq: 07 Aug 2019 18:51

Tgt Ion: 43 Resp: 3551

Ion Ratio Lower Upper

43 100

58 33.4 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

2000

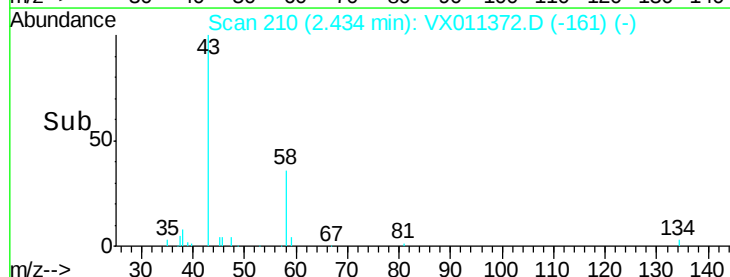
1500

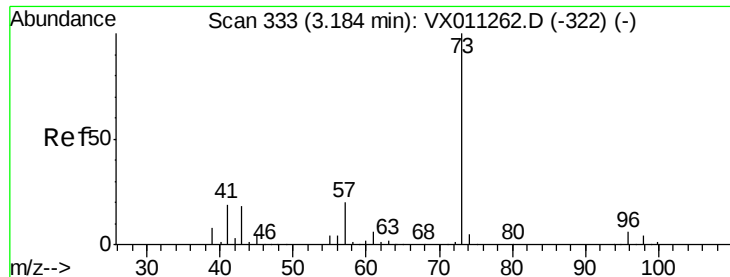
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55

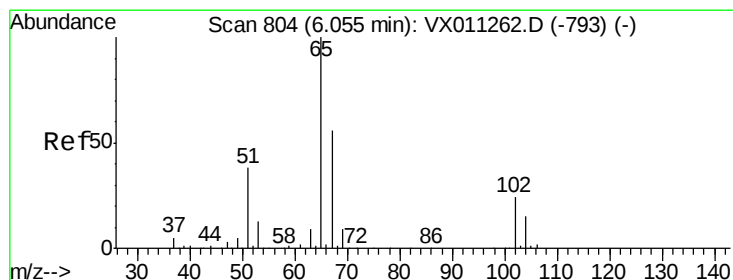
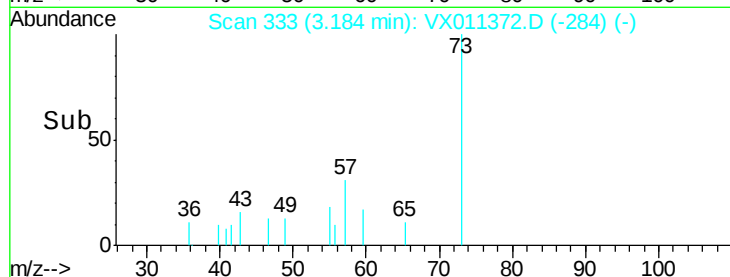
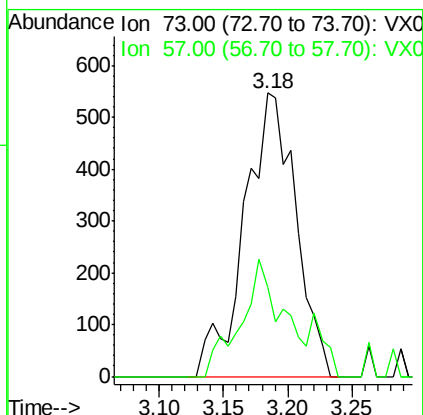
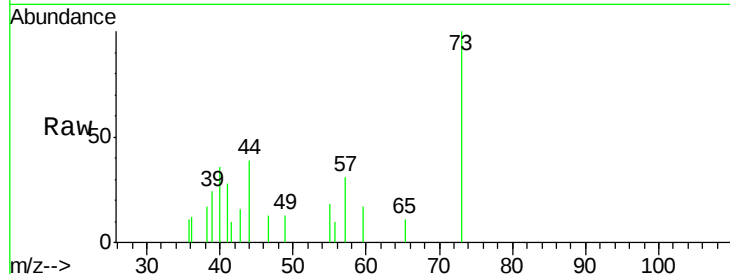




#19
Methvl tert-butvl Ether
Concen: 0.350 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011372.D
Acq: 07 Aug 2019 18:51

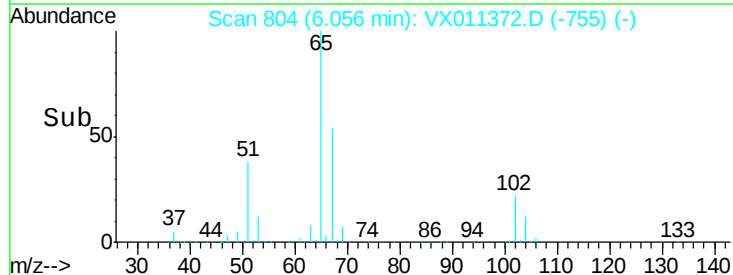
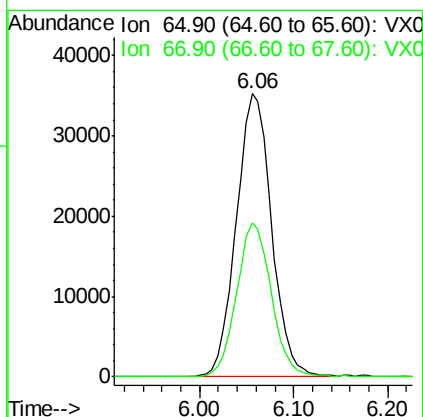
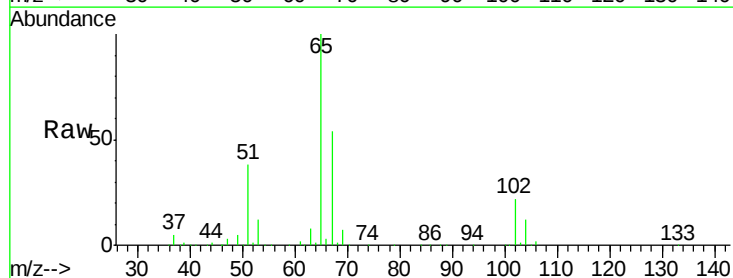
Instrument :
MSVOA_X
ClientSampleId :
MW-26S_080719

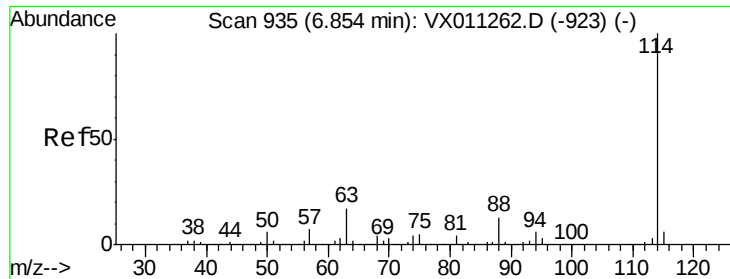
Tot Ion: 73 Resp: 1506
Ion Ratio Lower Upper
73 100
57 31.3 16.2 24.2#



#33
1,2-Dichloroethane-d4
Concen: 57.139 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011372.D
Acq: 07 Aug 2019 18:51

Tgt Ion: 65 Resp: 92341
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6

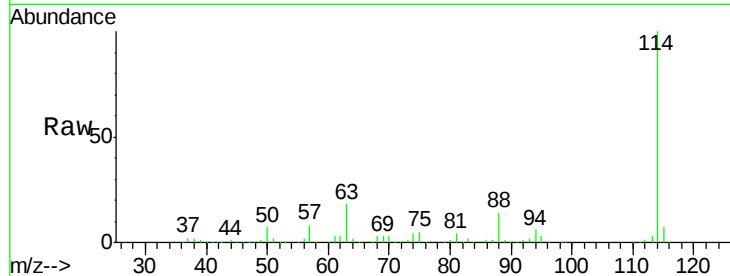




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011372.D
 Acq: 07 Aug 2019 18:51

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26S_080719

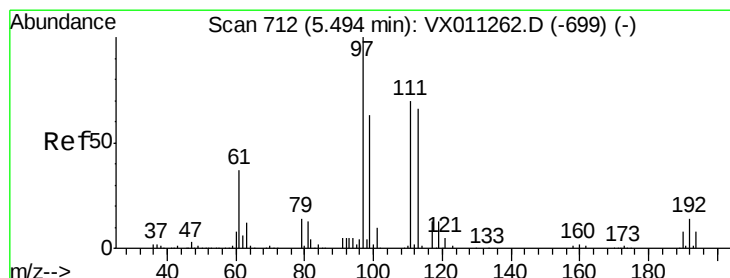
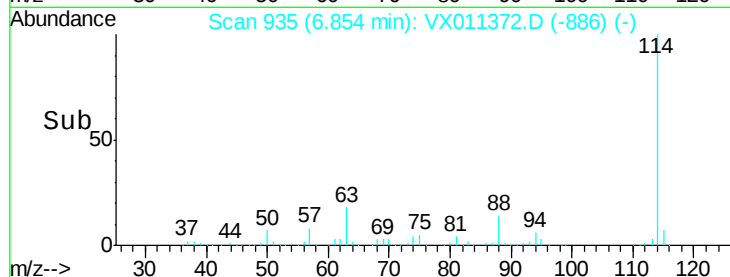
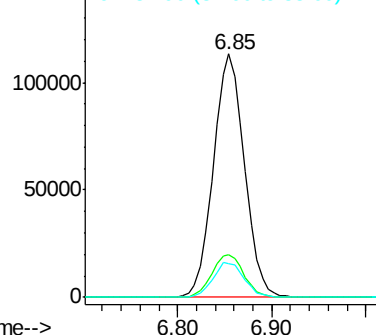
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.0
88	13.7	0.0	26.4



Abundance Ion 113.90 (113.60 to 114.60): V

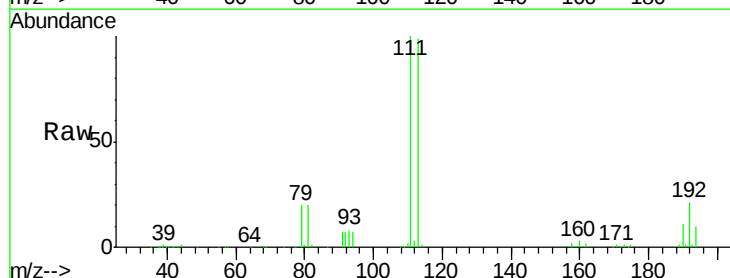
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 49.162 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011372.D
 Acq: 07 Aug 2019 18:51

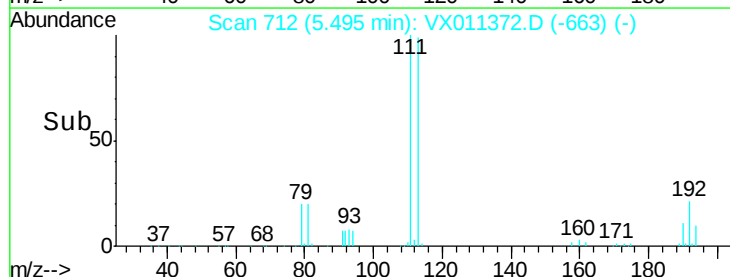
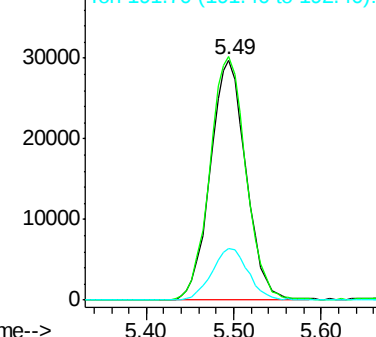
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	21.9	17.8	26.8

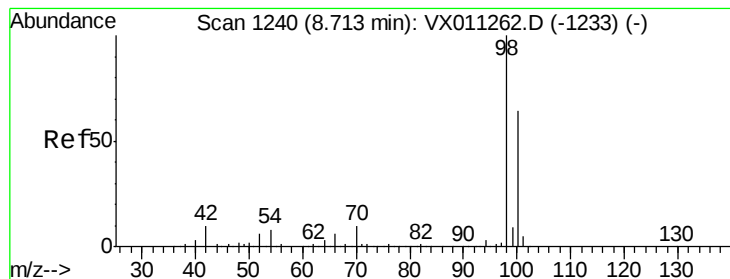


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.699 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011372.D

Acq: 07 Aug 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

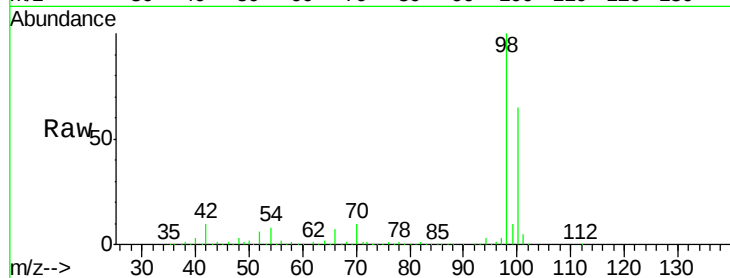
MW-26S_080719

Tot Ion: 98 Resp: 320102

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

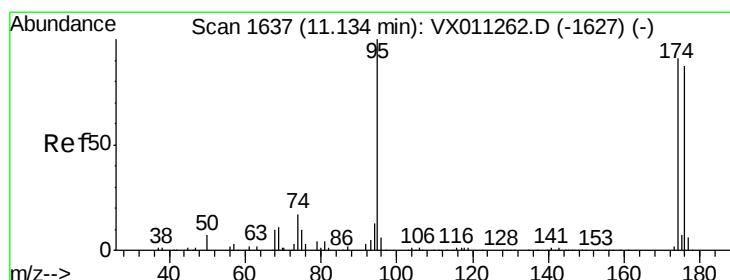
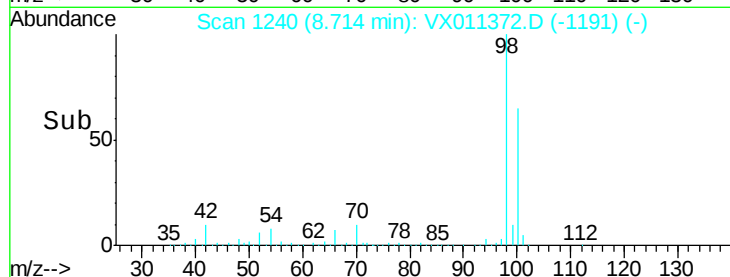
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.315 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011372.D

Acq: 07 Aug 2019 18:51

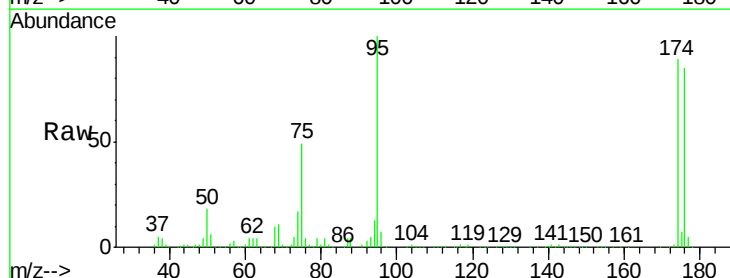
Tgt Ion: 95 Resp: 113402

Ion Ratio Lower Upper

95 100

174 91.4 0.0 191.2

176 88.2 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

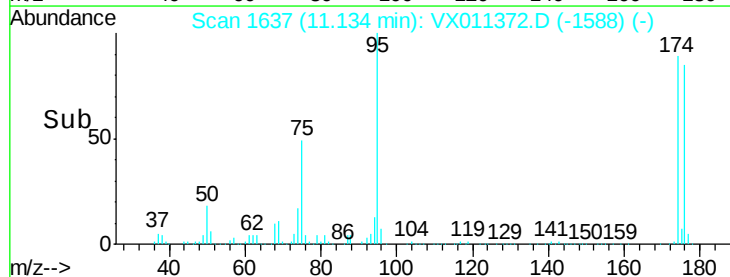
40000

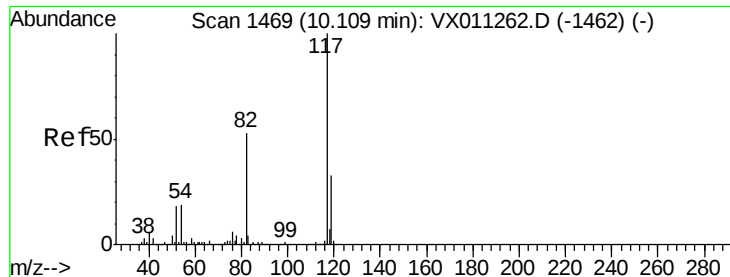
20000

0

11.10 11.20

Time-->

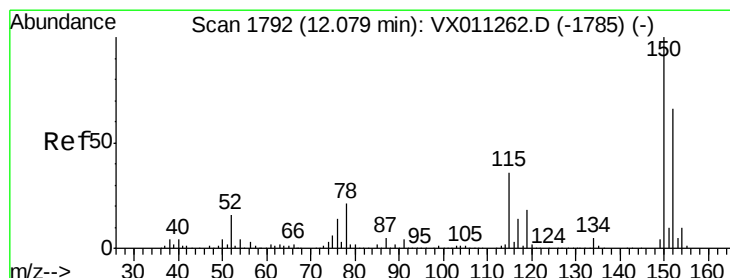
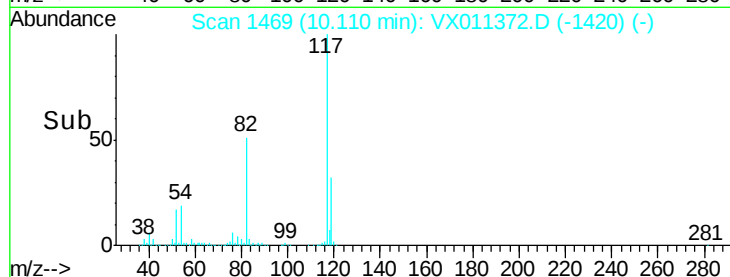
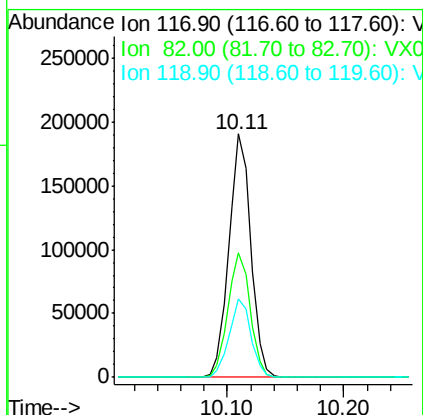
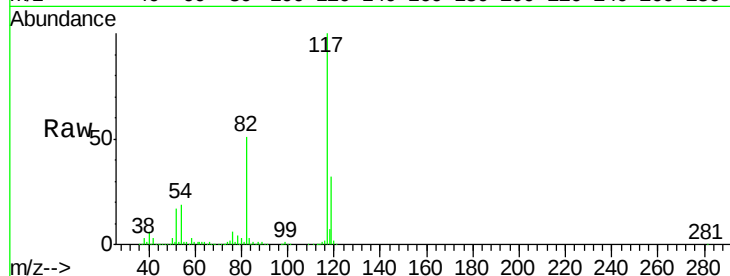




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011372.D
Acq: 07 Aug 2019 18:51

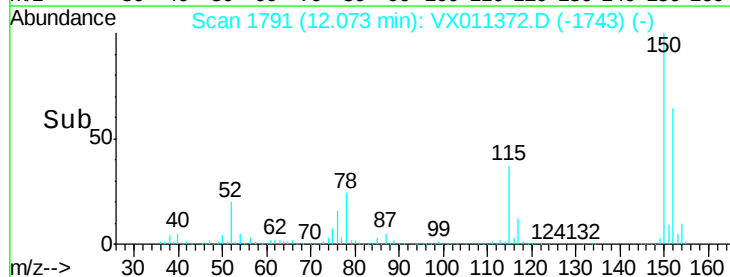
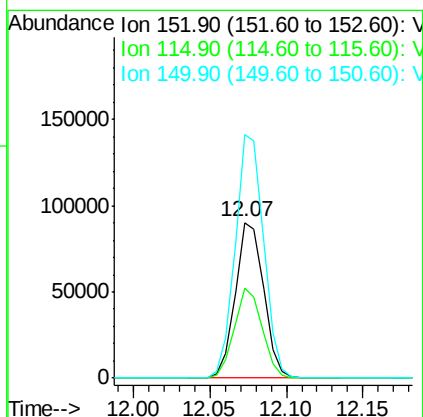
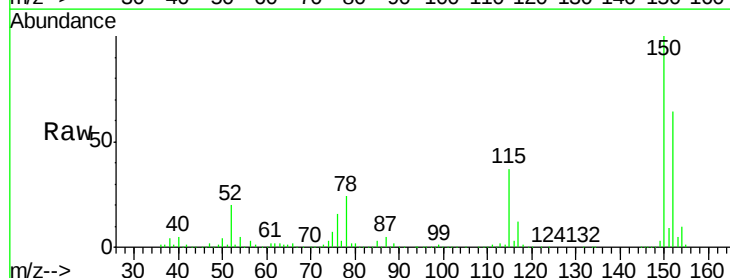
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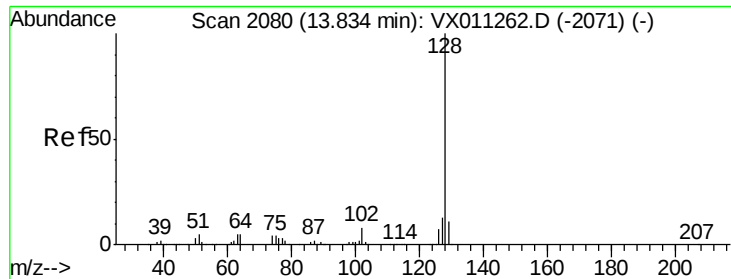
Tot Ion:117 Resp: 250168
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011372.D
Acq: 07 Aug 2019 18:51

Tgt Ion:152 Resp: 115894
Ion Ratio Lower Upper
152 100
115 56.8 40.0 119.9
150 157.4 0.0 350.4





#95
Naphthalene
Concen: 0.311 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011372.D
Acq: 07 Aug 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
MW-26S_080719

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.4	15.6#
129	13.3	8.9	13.3

