

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012682.D
 Acq On : 26 Sep 2019 18:23
 Operator : JC/SP
 Sample : K5049-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Sep 27 01:29:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

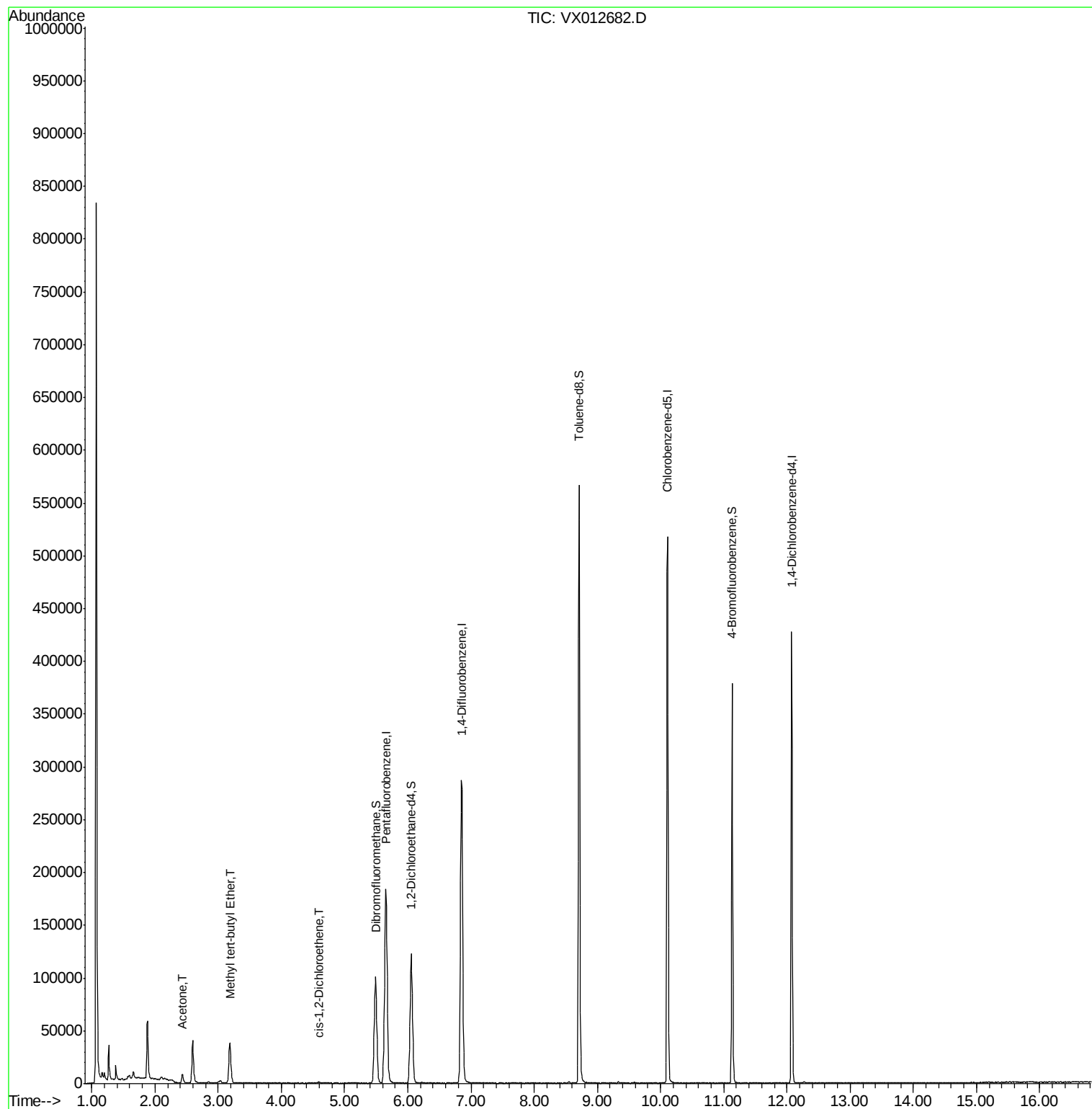
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	80681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120862	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	5.49	113	85383	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	8.71	98	333100	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.14	95	105317	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.82%	
Target Compounds						
16) Acetone	2.43	43	9384	7.519	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	43818	6.654	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	702	0.314	ug/l	92

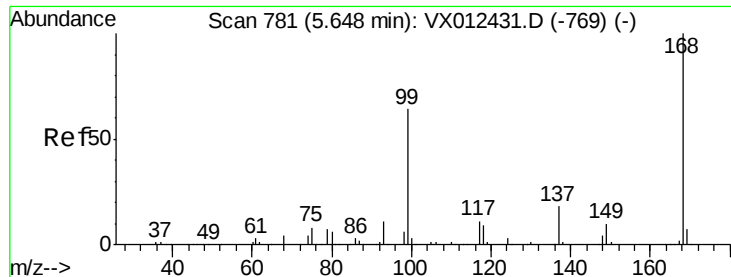
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012682.D

Acq: 26 Sep 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

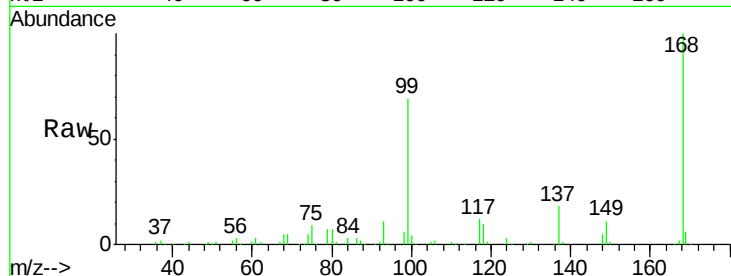
MW-1R

Tot Ion:168 Resp: 161816

Ion Ratio Lower Upper

168 100

99 68.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

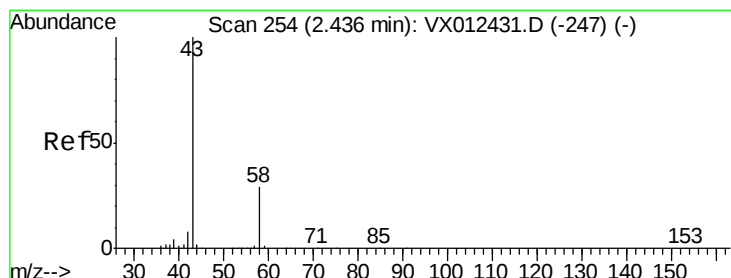
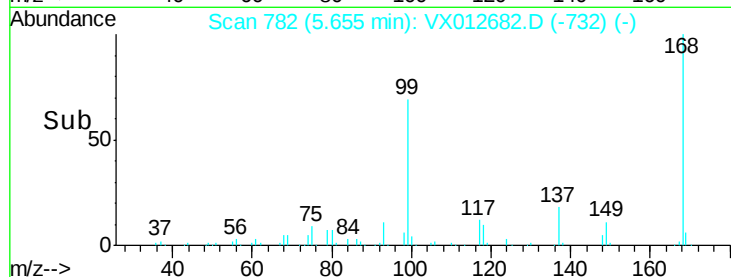
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.519 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012682.D

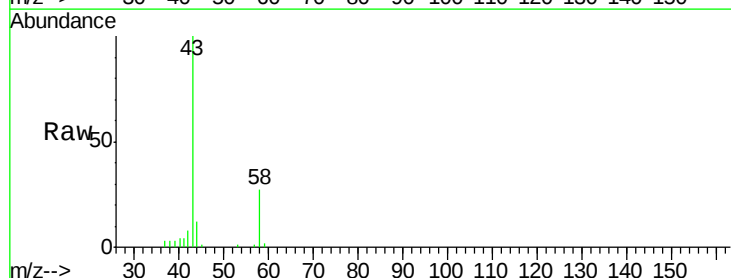
Acq: 26 Sep 2019 18:23

Tgt Ion: 43 Resp: 9384

Ion Ratio Lower Upper

43 100

58 27.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

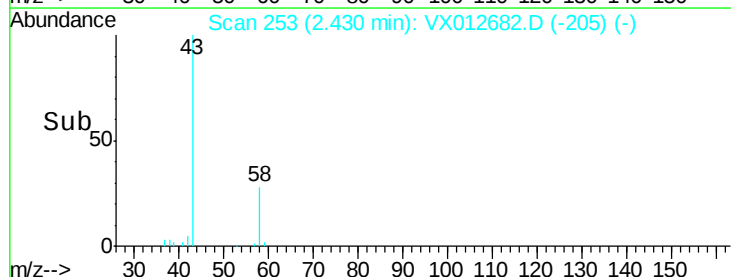
3000

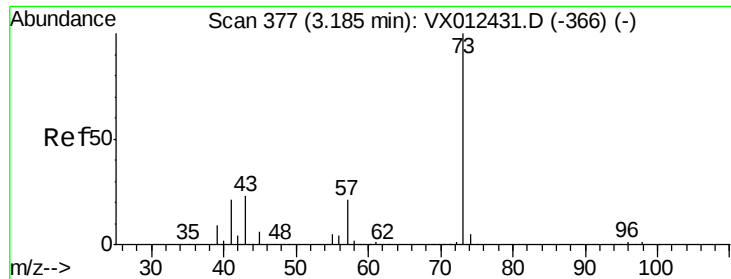
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

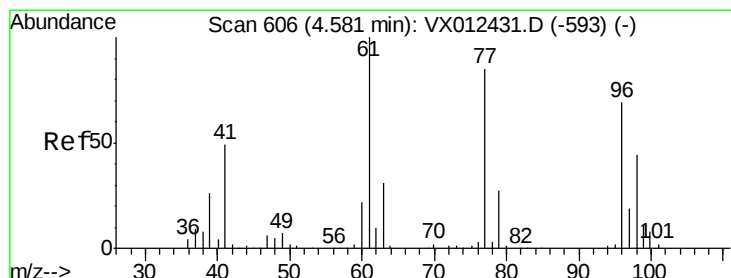
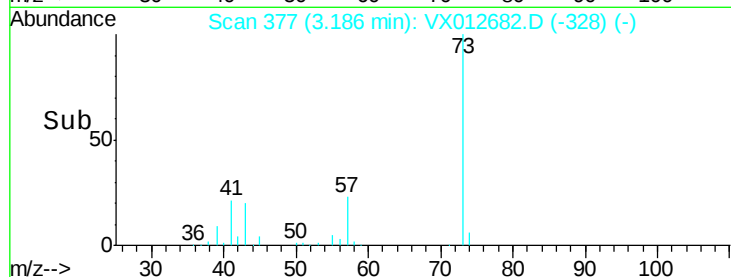
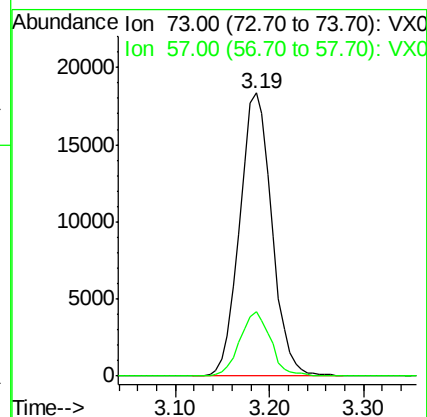
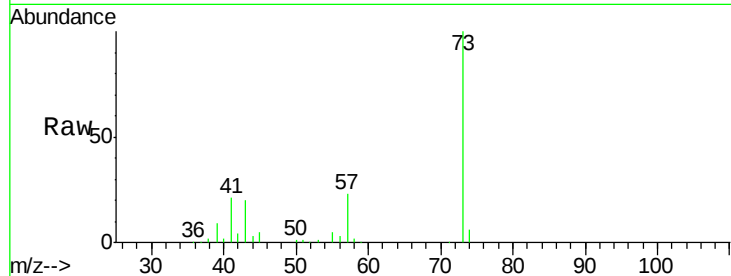




#19
Methvl tert-butvl Ether
Concen: 6.654 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012682.D
Acq: 26 Sep 2019 18:23

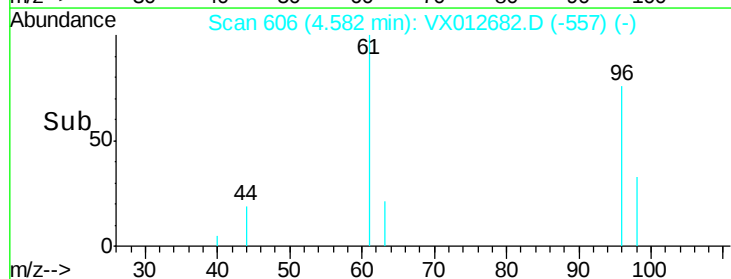
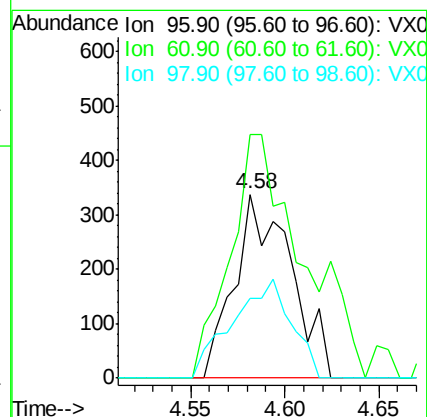
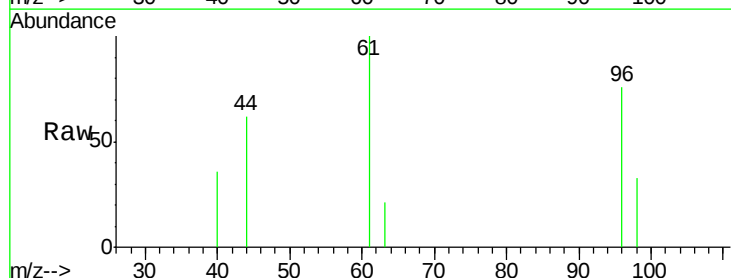
Instrument :
MSVOA_X
ClientSampled :
MW-1R

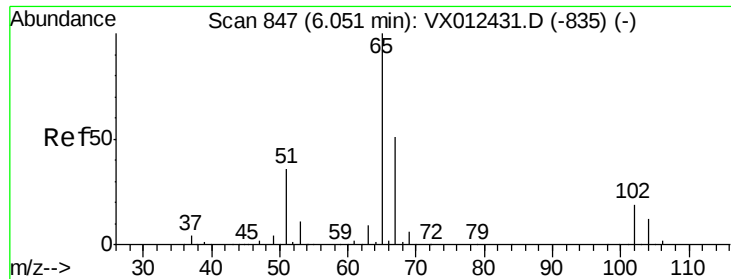
Tot Ion: 73 Resp: 43818
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2



#27
cis-1,2-Dichloroethene
Concen: 0.314 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012682.D
Acq: 26 Sep 2019 18:23

Tgt Ion: 96 Resp: 702
Ion Ratio Lower Upper
96 100
61 168.9 0.0 319.4
98 56.1 0.0 130.6

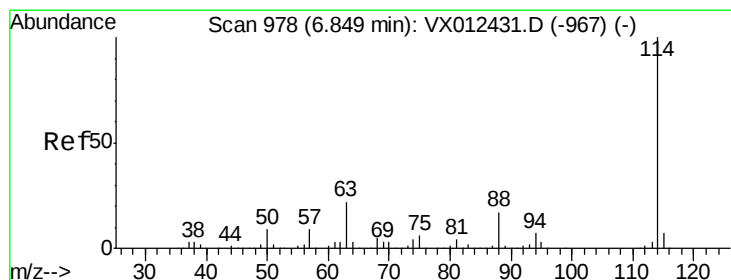
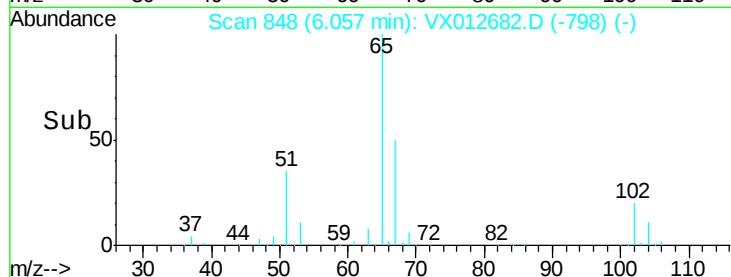
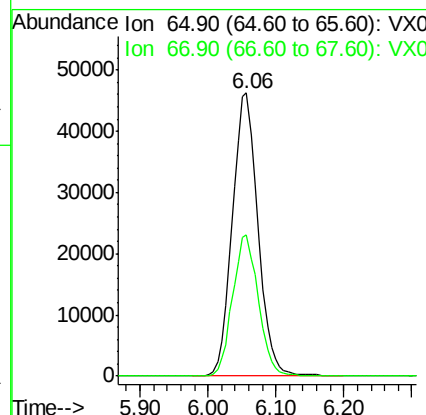
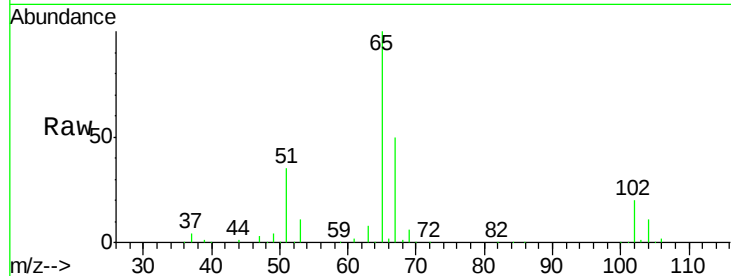




#33
 1,2-Dichloroethane-d4
 Concen: 51.292 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012682.D
 Acq: 26 Sep 2019 18:23

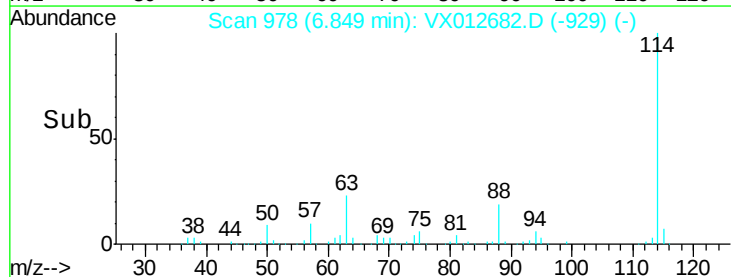
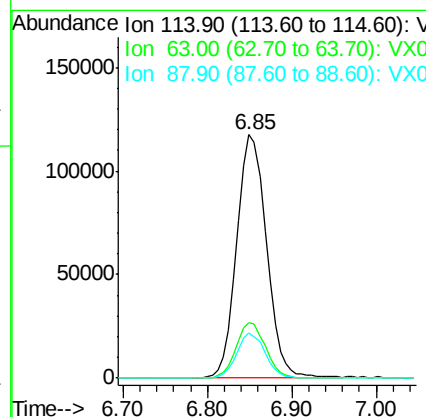
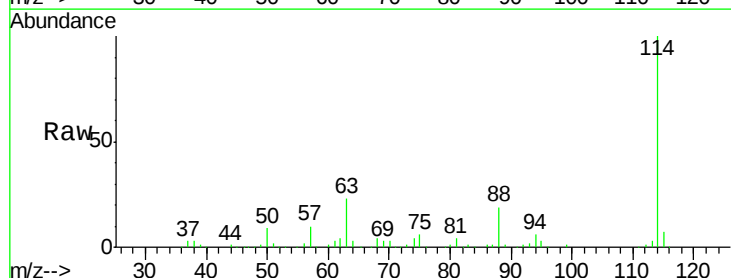
Instrument :
 MSVOA_X
 ClientSampleID :
 MW-1R

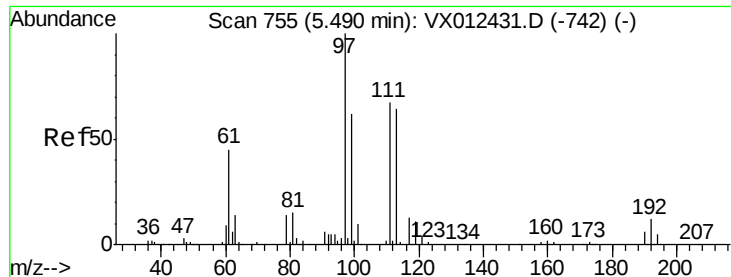
Tot Ion: 65 Resp: 120862
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012682.D
 Acq: 26 Sep 2019 18:23

Tgt Ion: 114 Resp: 282045
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 18.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.832 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012682.D

Acq: 26 Sep 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

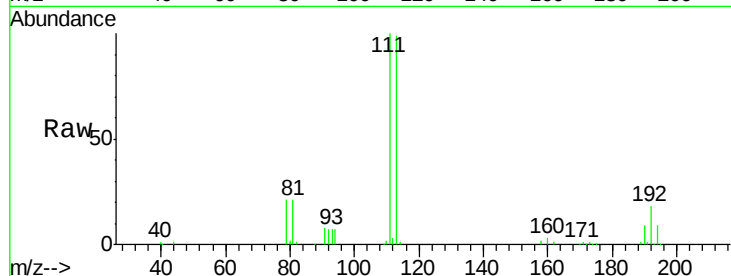
Tot Ion:113 Resp: 85383

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

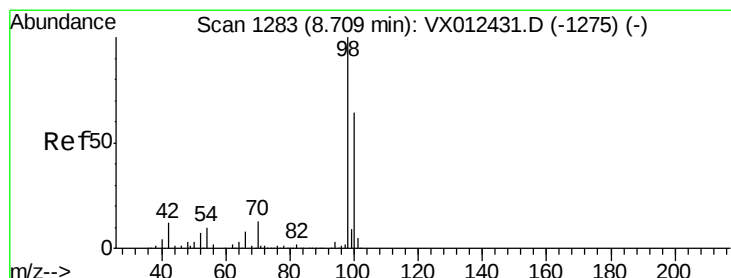
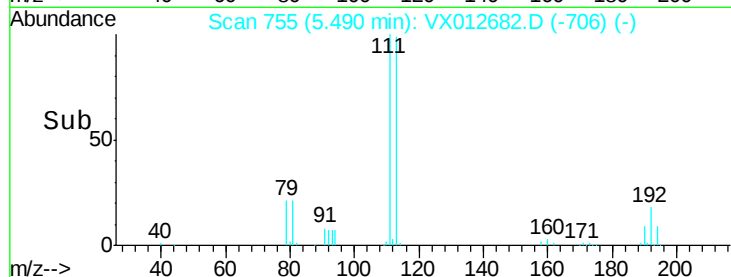
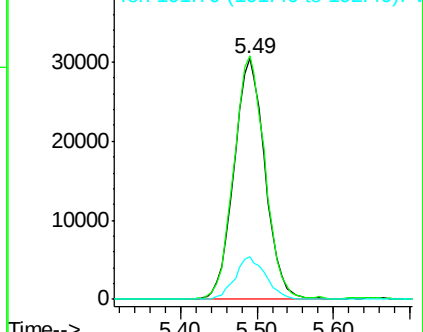
192 17.4 14.4 21.6



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: 51.495 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012682.D

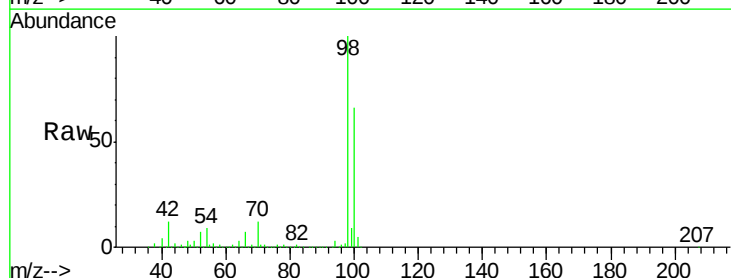
Acq: 26 Sep 2019 18:23

Tgt Ion: 98 Resp: 333100

Ion Ratio Lower Upper

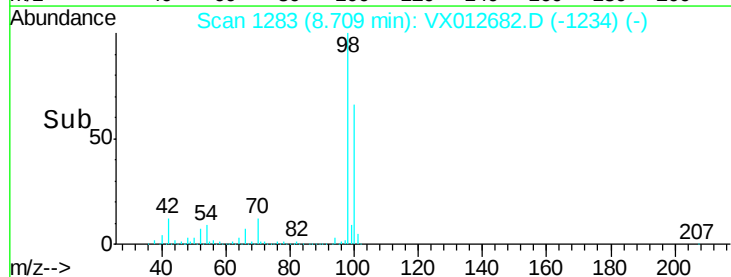
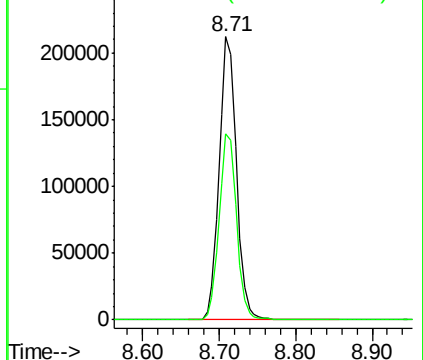
98 100

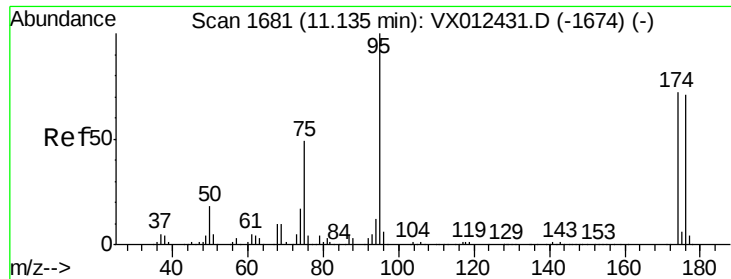
100 66.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.407 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012682.D

Acq: 26 Sep 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

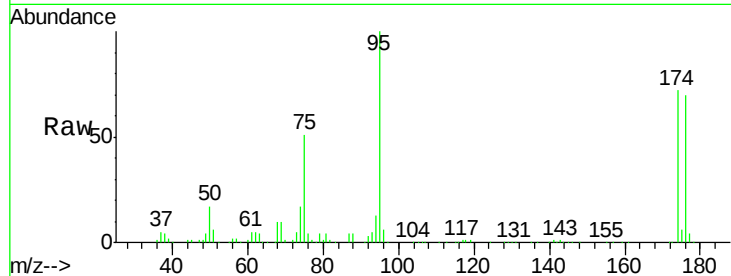
Tot Ion: 95 Resp: 105317

Ion Ratio Lower Upper

95 100

174 68.2 0.0 140.0

176 66.1 0.0 135.4

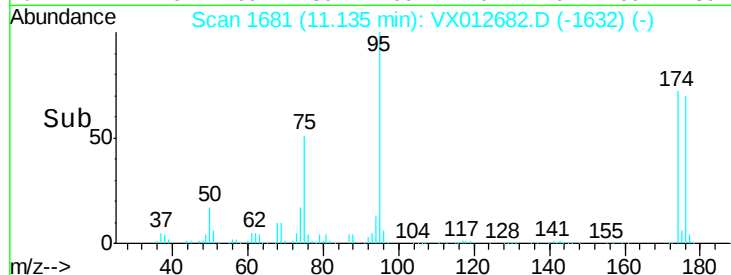


Abundance Ion 94.90 (94.60 to 95.60): VX012431.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012431.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012431.D (-1674) (-)

Time-->

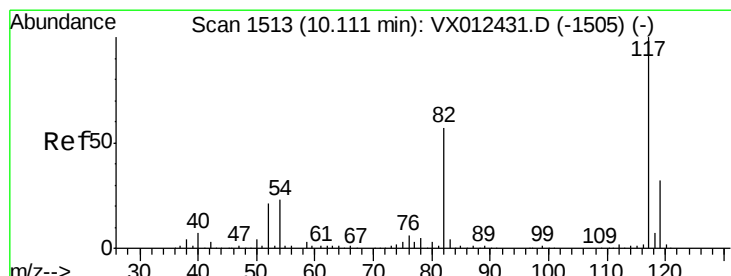


Abundance Ion 94.90 (94.60 to 95.60): VX012682.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012682.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012682.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012682.D

Acq: 26 Sep 2019 18:23

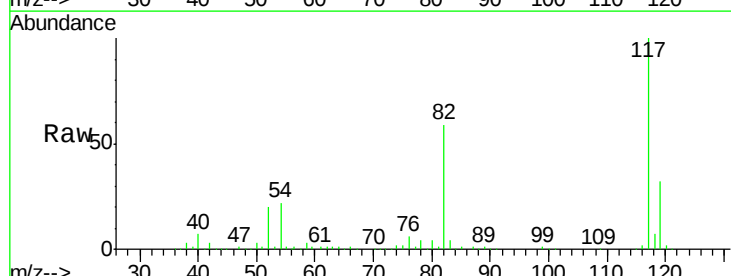
Tgt Ion: 117 Resp: 231479

Ion Ratio Lower Upper

117 100

82 59.5 45.9 68.9

119 31.8 25.3 37.9

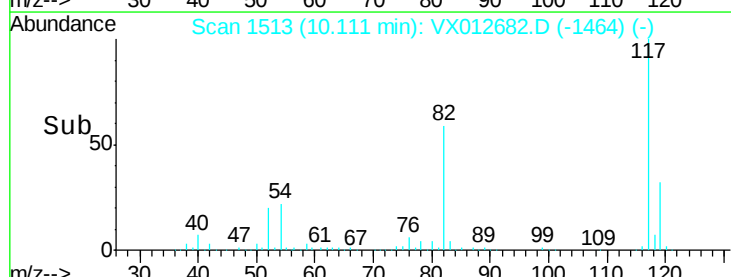


Abundance Ion 116.90 (116.60 to 117.60): VX012431.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012431.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012431.D (-1505) (-)

Time-->

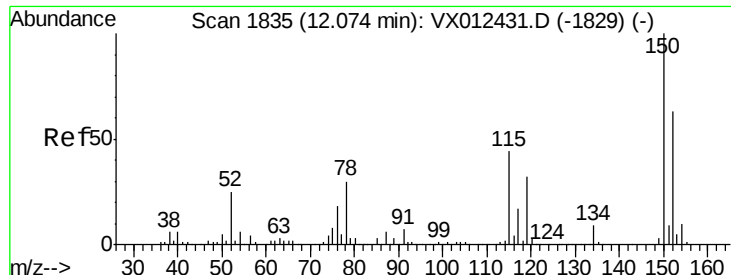


Abundance Ion 116.90 (116.60 to 117.60): VX012682.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012682.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012682.D (-1464) (-)

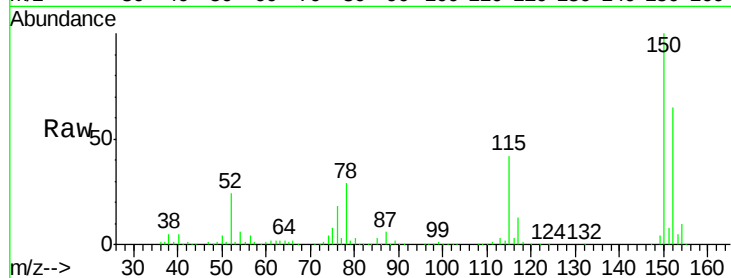
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012682.D
 Acq: 26 Sep 2019 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Tot Ion:152 Resp: 80681
 Ion Ratio Lower Upper
 152 100
 115 64.3 44.1 132.3
 150 157.0 0.0 343.8



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

