

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009412.D
 Acq On : 08 May 2019 20:39
 Operator : JC/SP
 Sample : K2698-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STOCKPILE

Quant Time: May 09 07:25:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

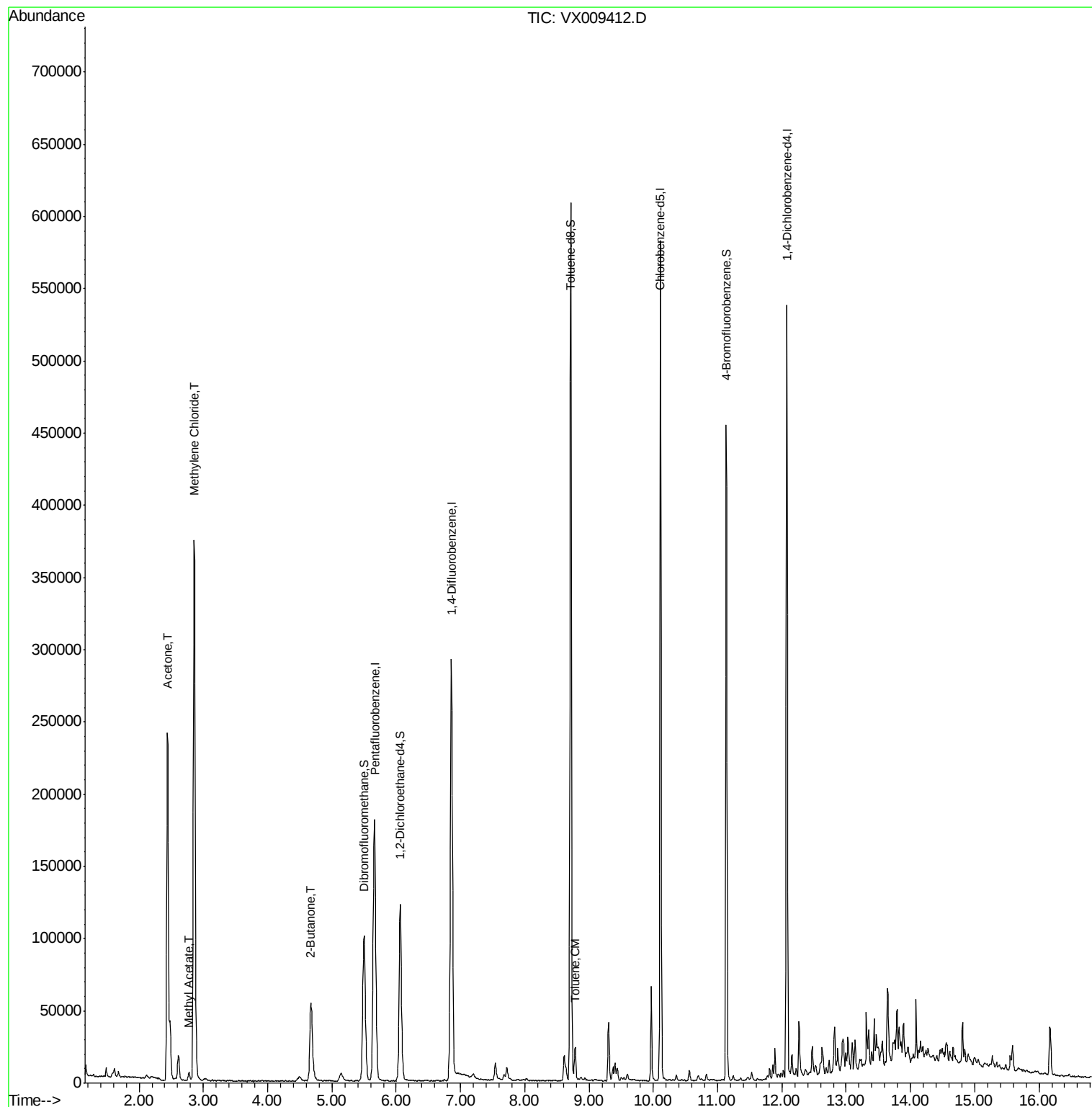
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115865	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
35) Dibromofluoromethane	5.50	113	86436	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	8.71	98	360190	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	118304	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
Target Compounds						
16) Acetone	2.44	43	263908	201.260	ug/l	99
18) Methyl Acetate	2.78	43	6968	2.234	ug/l	99
20) Methylene Chloride	2.85	84	170920	80.503	ug/l	99
25) 2-Butanone	4.67	43	101052	49.592	ug/l	98
52) Toluene	8.79	92	7533	1.498	ug/l	100

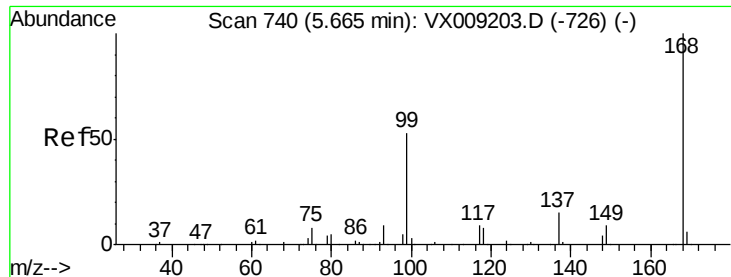
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
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: VX009412.D

Acq: 08 May 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

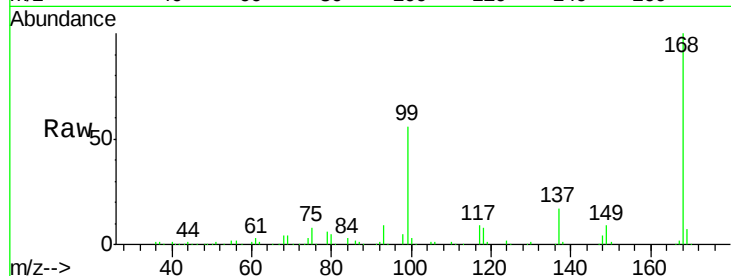
STOCKPILE

Tot Ion:168 Resp: 178888

Ion Ratio Lower Upper

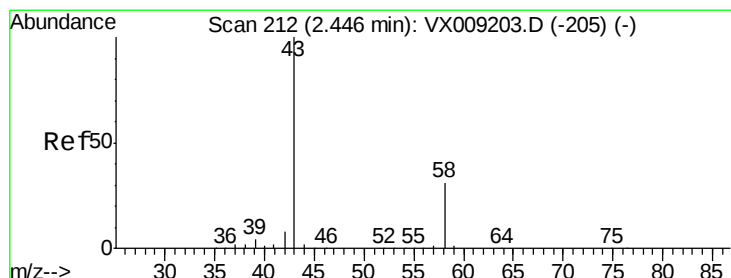
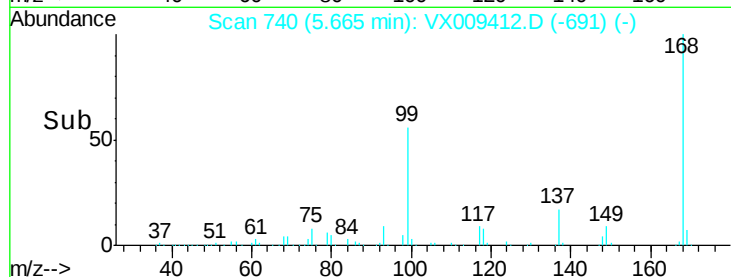
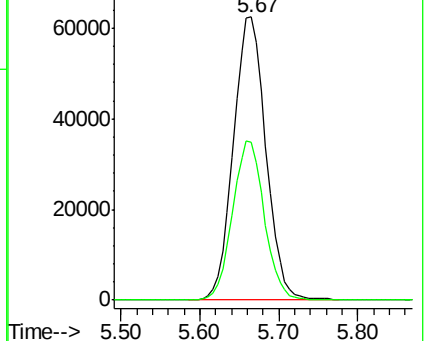
168 100

99 55.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 201.260 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009412.D

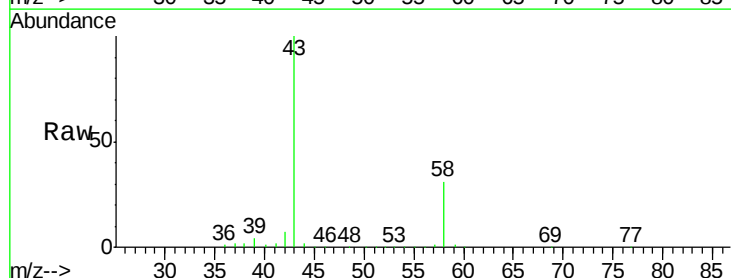
Acq: 08 May 2019 20:39

Tgt Ion: 43 Resp: 263908

Ion Ratio Lower Upper

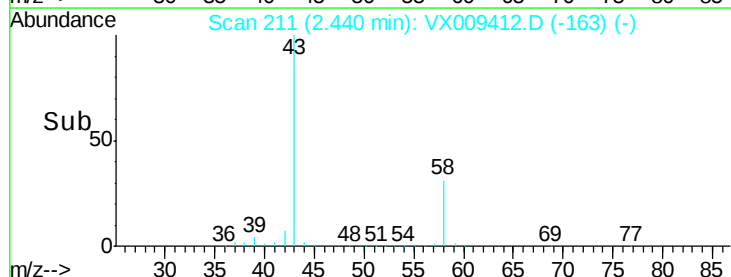
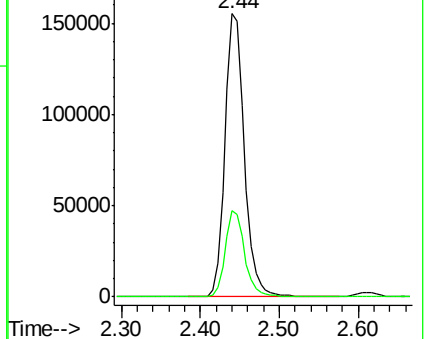
43 100

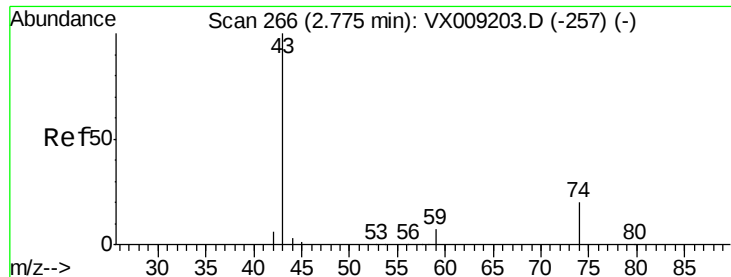
58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

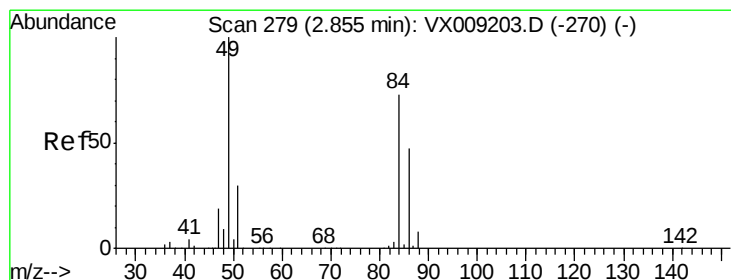
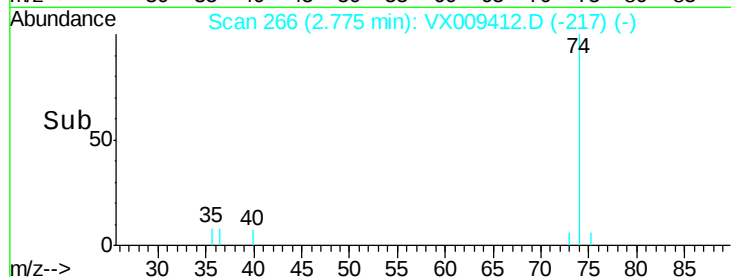
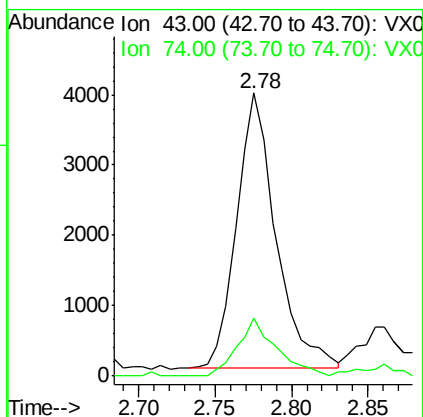
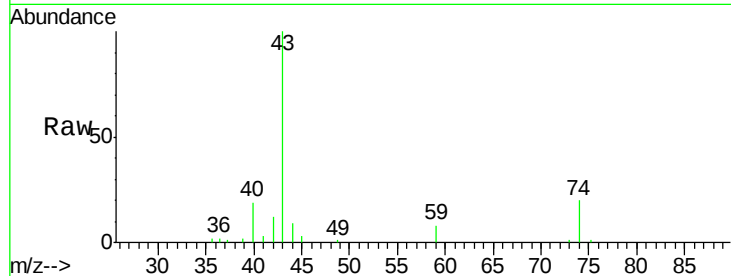




#18
Methvl Acetate
Concen: 2.234 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009412.D
Acq: 08 May 2019 20:39

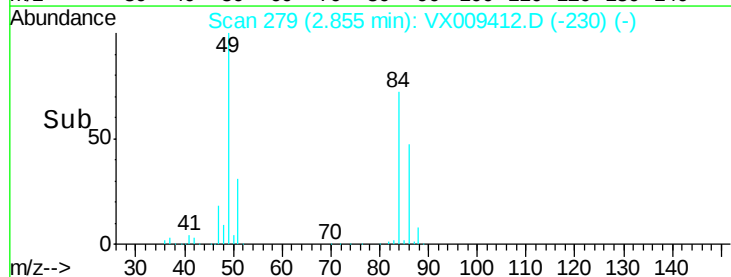
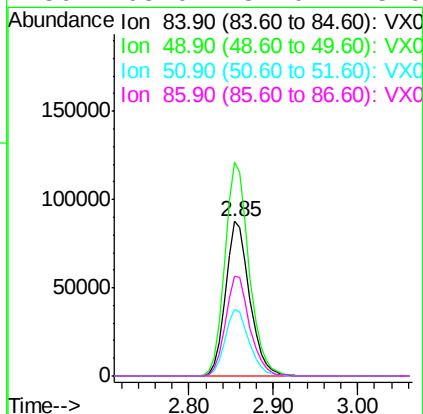
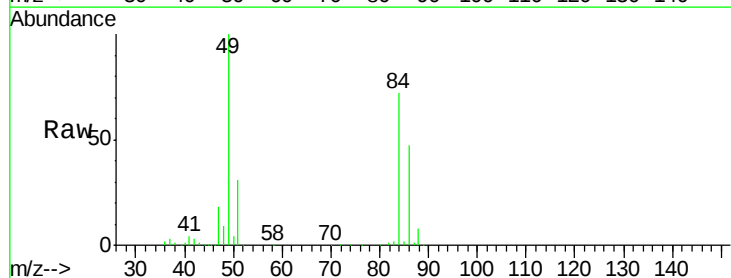
Instrument :
MSVOA_X
ClientSampleId :
STOCKPILE

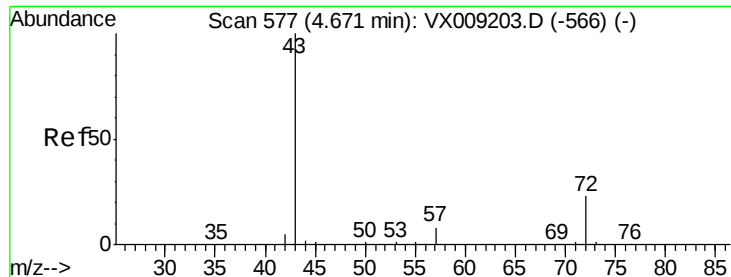
Tot Ion: 43 Resp: 6968
Ion Ratio Lower Upper
43 100
74 20.9 16.2 24.4



#20
Methylene Chloride
Concen: 80.503 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009412.D
Acq: 08 May 2019 20:39

Tgt Ion: 84 Resp: 170920
Ion Ratio Lower Upper
84 100
49 138.3 109.9 164.9
51 43.1 32.7 49.1
86 65.0 52.0 78.0





#25

2-Butanone

Concen: 49.592 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009412.D

Acq: 08 May 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

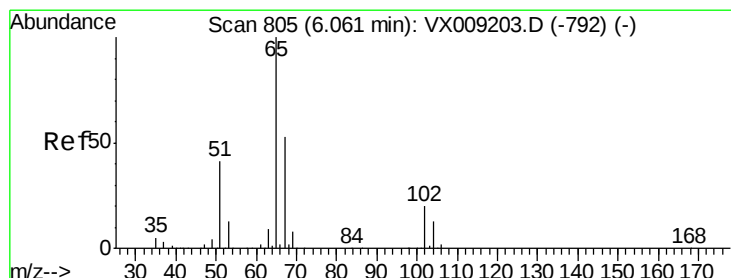
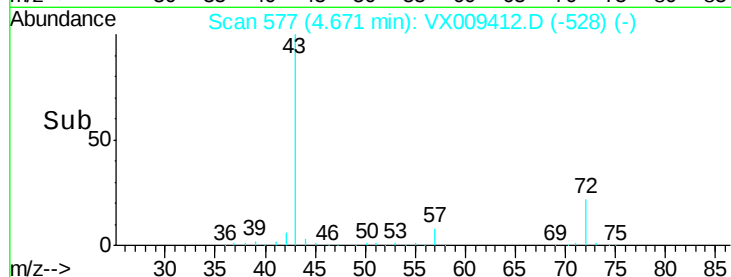
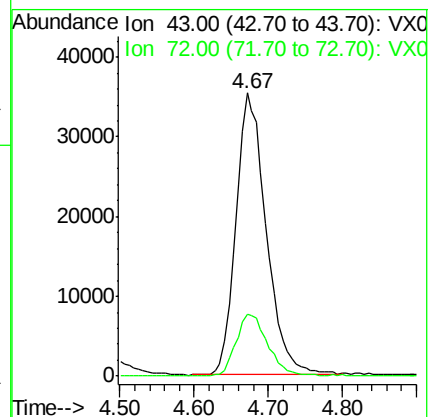
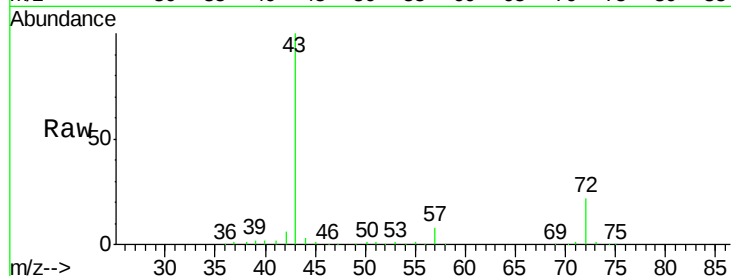
STOCKPILE

Tot Ion: 43 Resp: 101052

Ion Ratio Lower Upper

43 100

72 21.9 18.2 27.2



#33

1,2-Dichloroethane-d4

Concen: 47.446 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009412.D

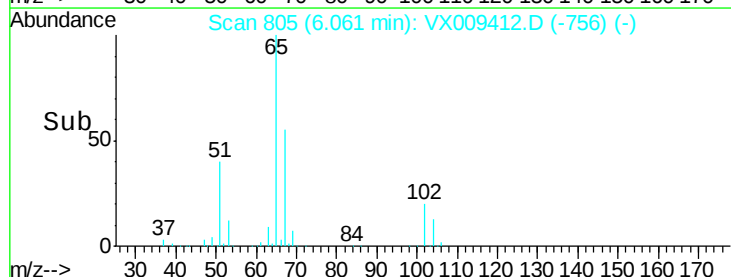
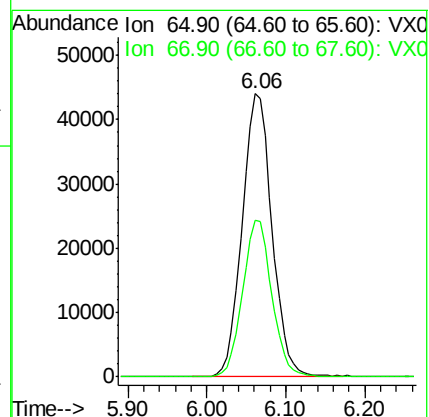
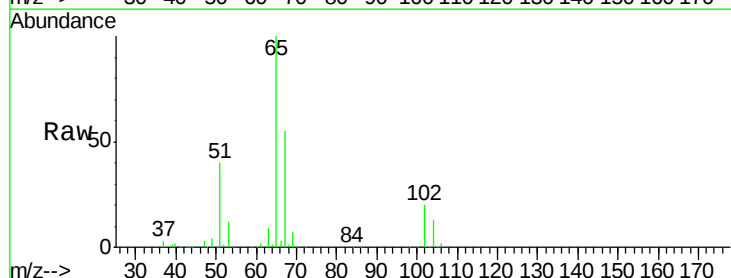
Acq: 08 May 2019 20:39

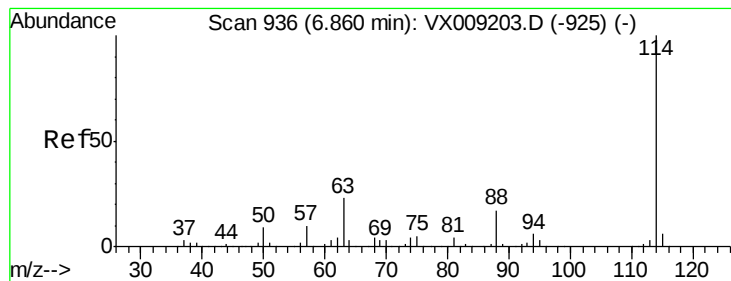
Tgt Ion: 65 Resp: 115865

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009412.D

Acq: 08 May 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

STOCKPILE

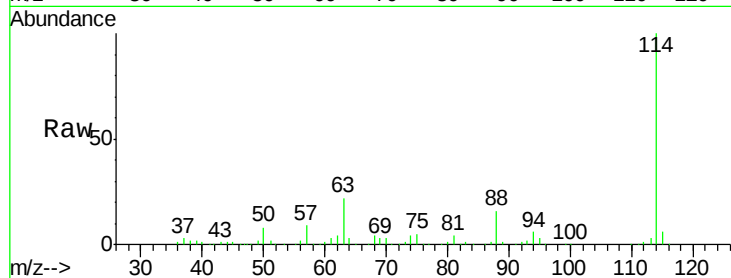
Tot Ion:114 Resp: 287688

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

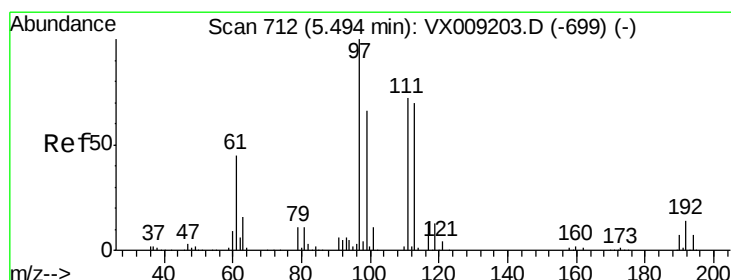
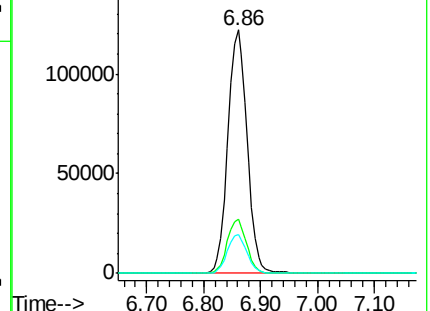
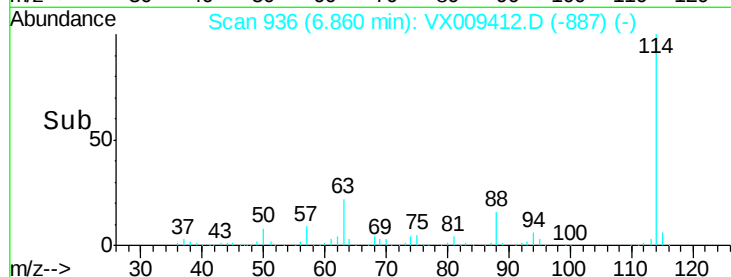
88 15.8 0.0 33.2



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: 47.794 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009412.D

Acq: 08 May 2019 20:39

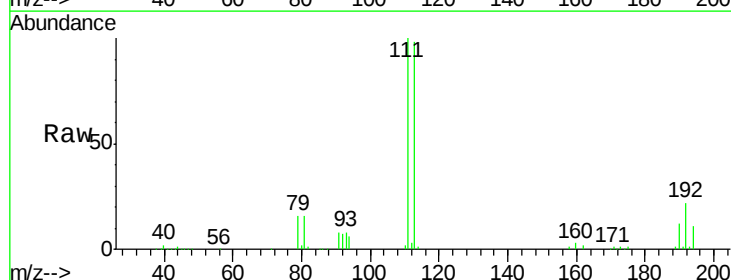
Tgt Ion:113 Resp: 86436

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

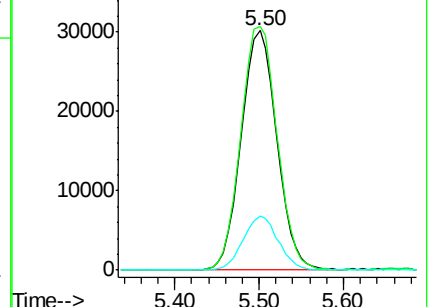
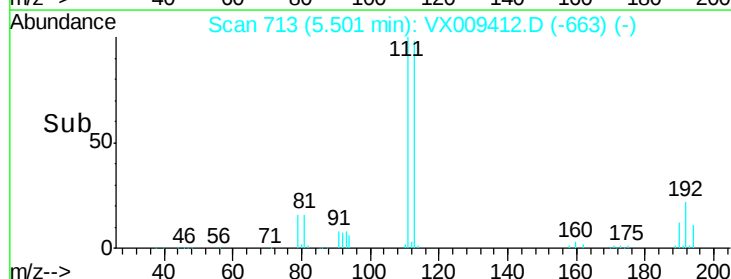
192 22.2 17.0 25.6

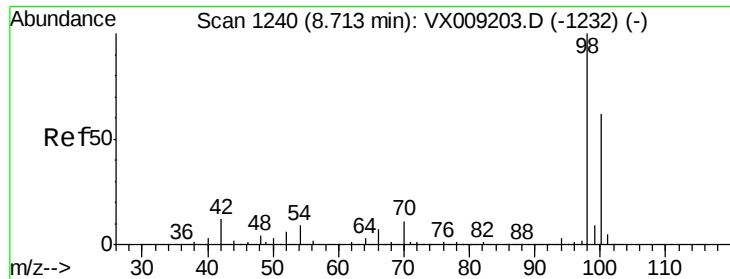


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.331 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009412.D

Acq: 08 May 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

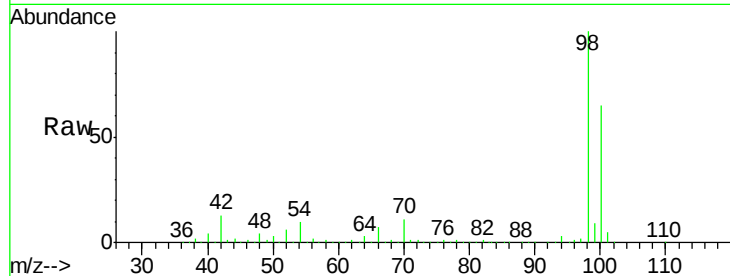
STOCKPILE

Tot Ion: 98 Resp: 360190

Ion Ratio Lower Upper

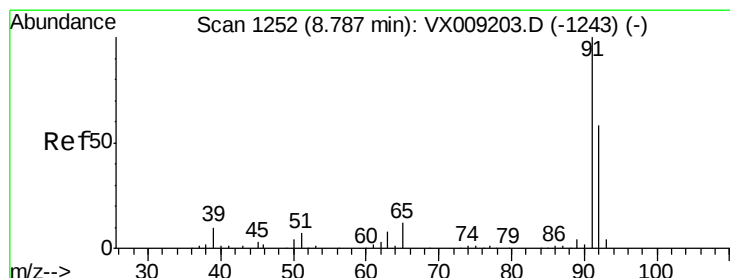
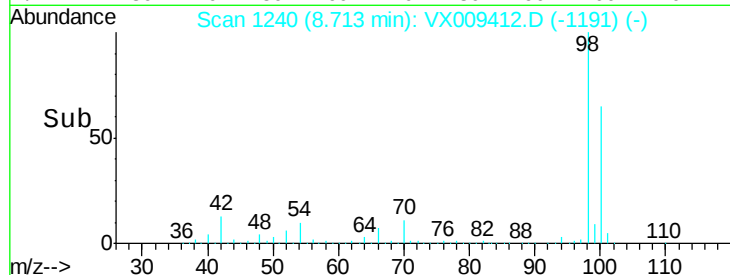
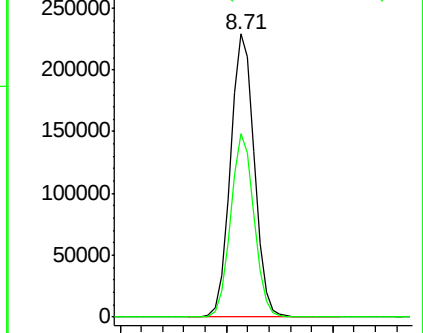
98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 1.498 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009412.D

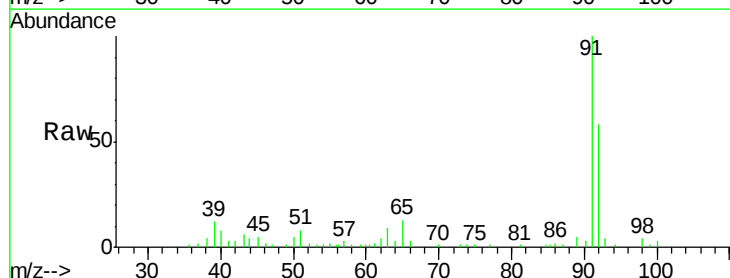
Acq: 08 May 2019 20:39

Tgt Ion: 92 Resp: 7533

Ion Ratio Lower Upper

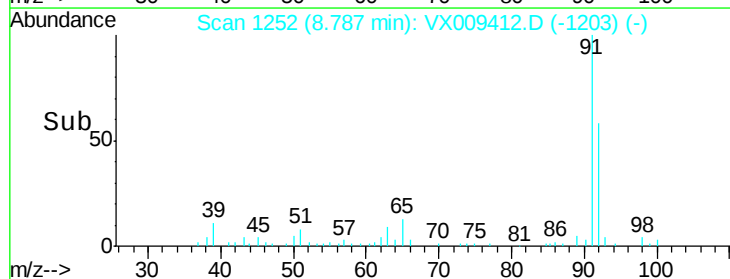
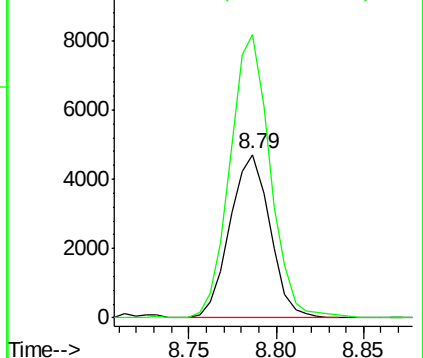
92 100

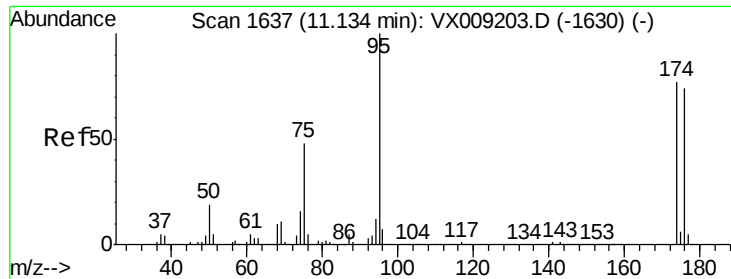
91 173.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.591 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009412.D

Acq: 08 May 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

STOCKPILE

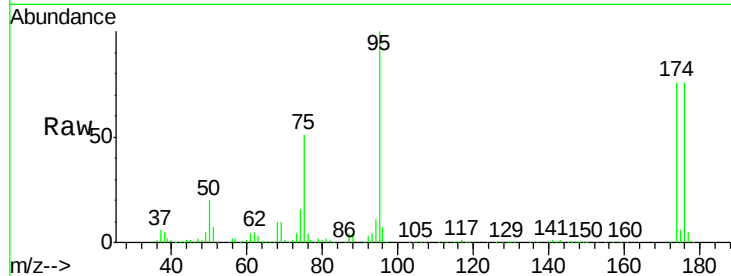
Tot Ion: 95 Resp: 118304

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

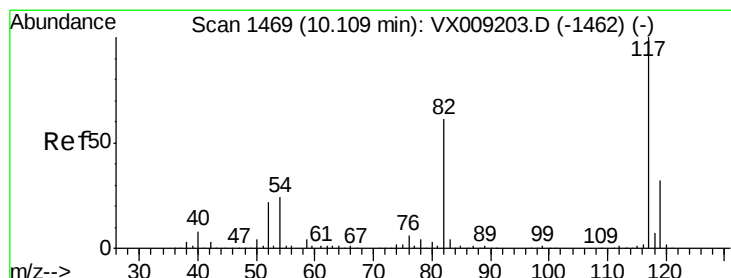
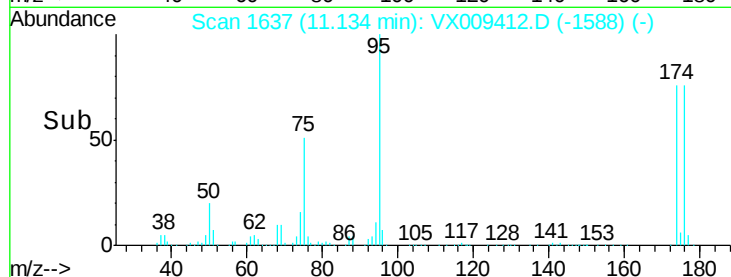
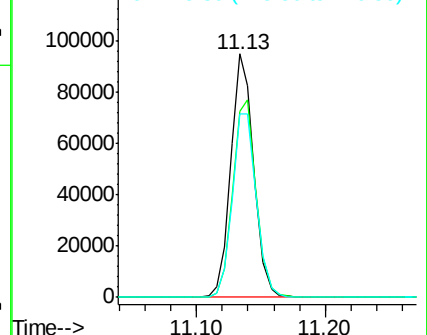
176 79.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009412.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009412.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009412.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009412.D

Acq: 08 May 2019 20:39

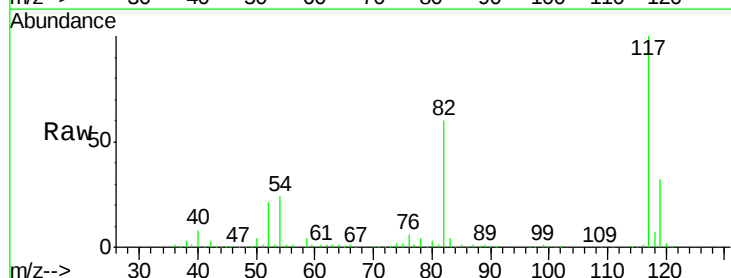
Tgt Ion: 117 Resp: 252181

Ion Ratio Lower Upper

117 100

82 60.0 48.8 73.2

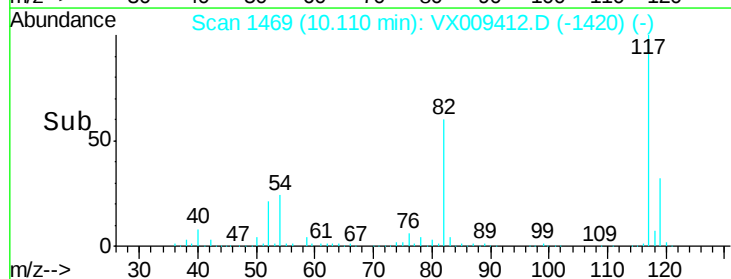
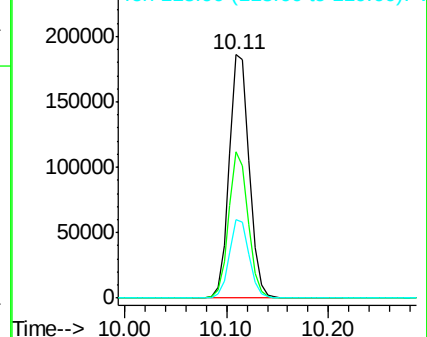
119 32.3 25.8 38.6

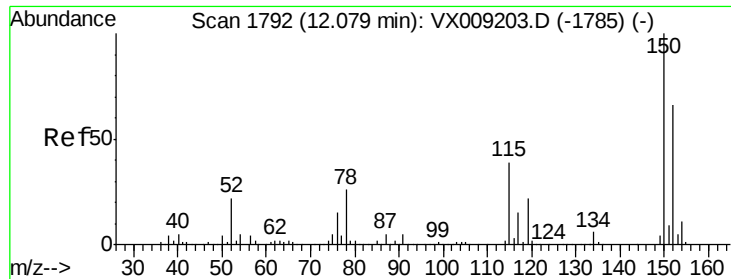


Abundance Ion 116.90 (116.60 to 117.60): VX009412.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009412.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009412.D (-1420) (-)

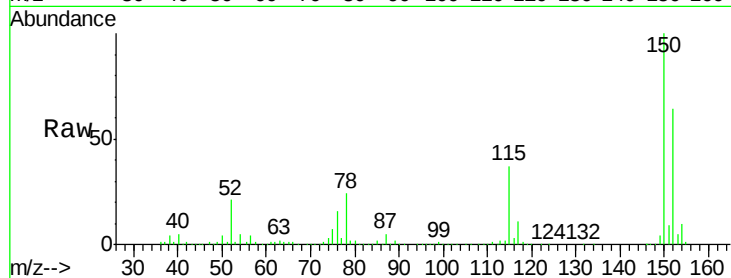




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009412.D
 Acq: 08 May 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 STOCKPILE

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.2	123.6
150	157.0	0.0	346.4



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

