

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008685.D
 Acq On : 05 Apr 2019 16:37
 Operator : JC/SP
 Sample : K2275-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-EB-2019-1

Quant Time: Apr 06 02:17:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

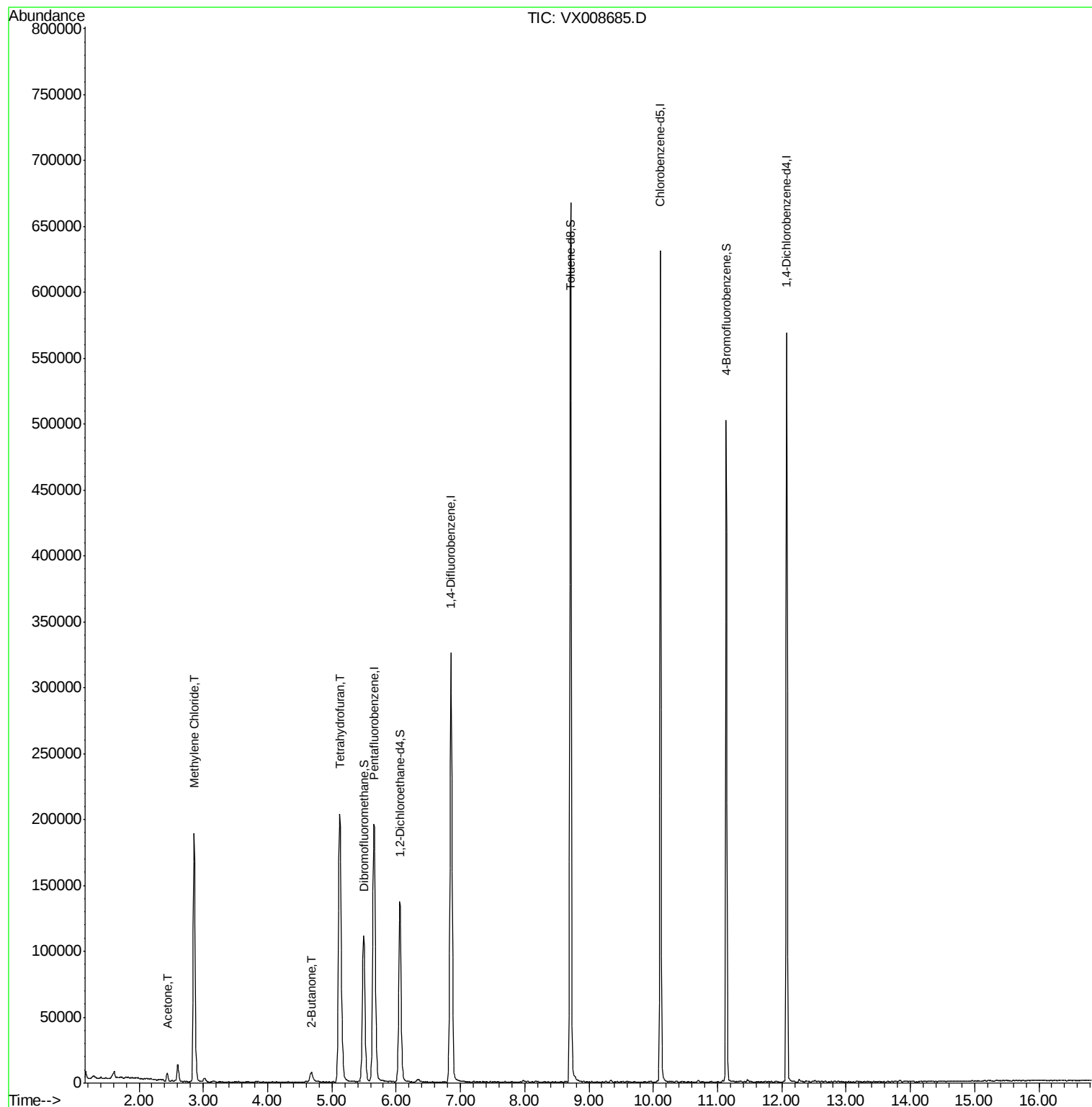
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129212	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
35) Dibromofluoromethane	5.49	113	96535	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	8.71	98	396736	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	133698	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
Target Compounds						
16) Acetone	2.44	43	7473	4.631	ug/l	97
20) Methylene Chloride	2.85	84	87423	32.366	ug/l	97
25) 2-Butanone	4.68	43	10139	3.975	ug/l	95
29) Tetrahydrofuran	5.12	42	208212	123.000	ug/l	99

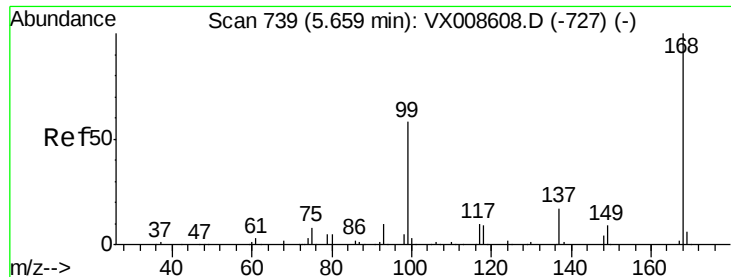
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008685.D

Acq: 05 Apr 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

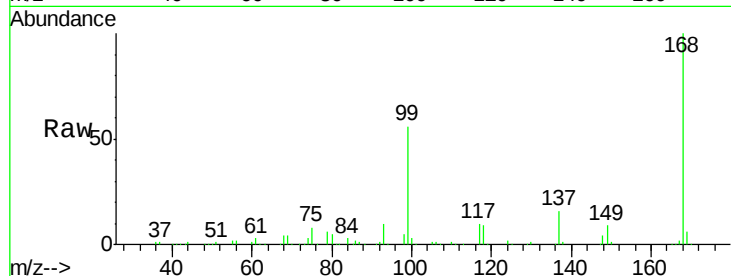
S8-EB-2019-1

Tgt Ion:168 Resp: 192083

Ion Ratio Lower Upper

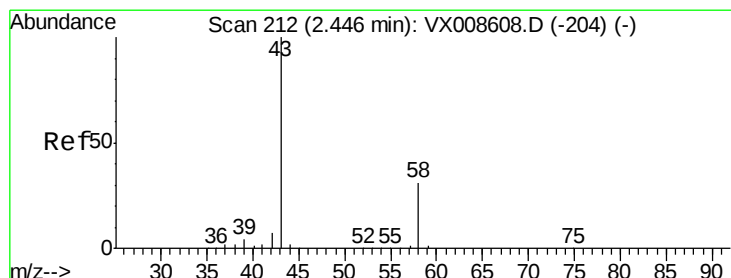
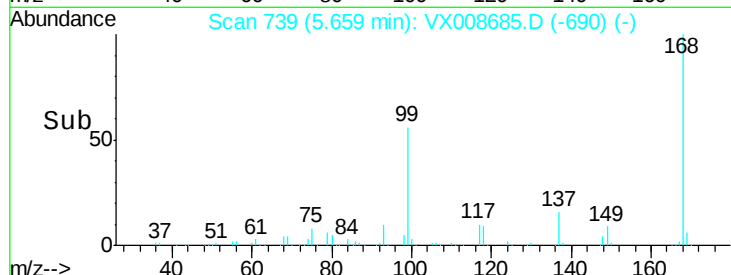
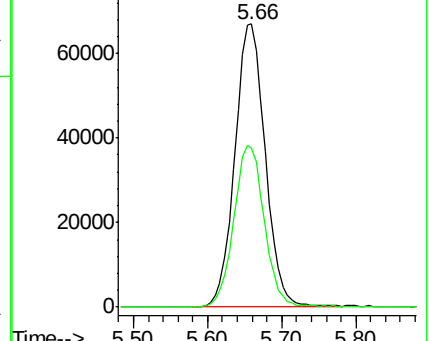
168 100

99 56.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.631 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008685.D

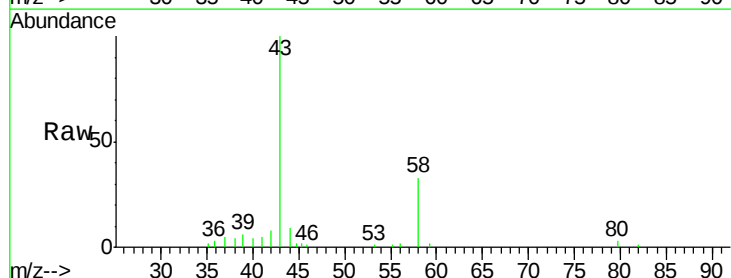
Acq: 05 Apr 2019 16:37

Tgt Ion: 43 Resp: 7473

Ion Ratio Lower Upper

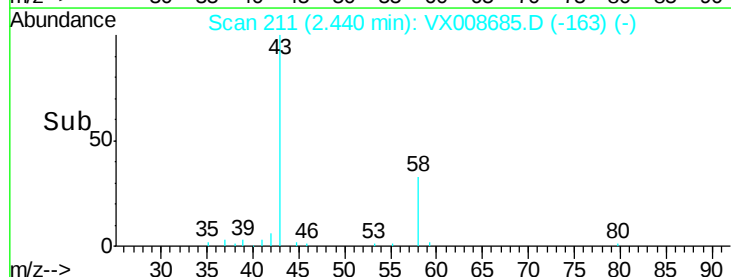
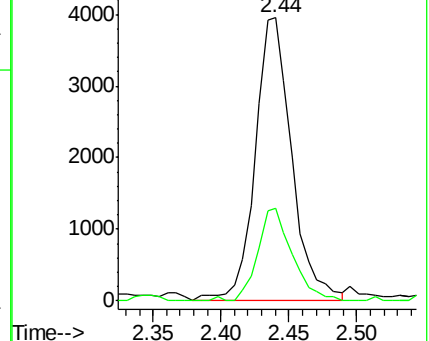
43 100

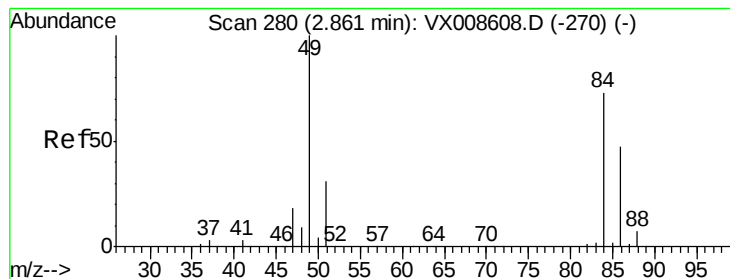
58 32.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 32.366 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008685.D

Acq: 05 Apr 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

S8-EB-2019-1

Tgt Ion: 84 Resp: 87423

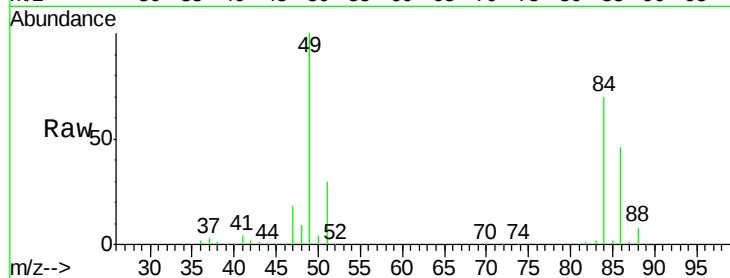
Ion Ratio Lower Upper

84 100

49 142.1 109.7 164.5

51 42.8 33.6 50.4

86 64.9 51.4 77.2

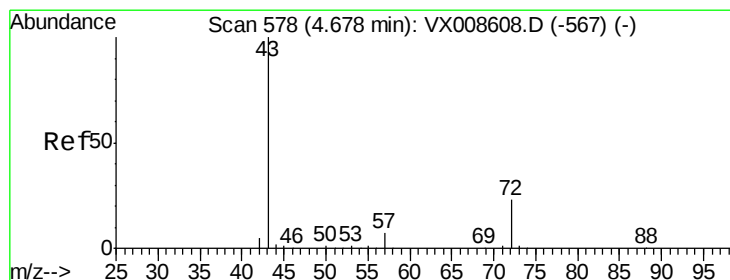
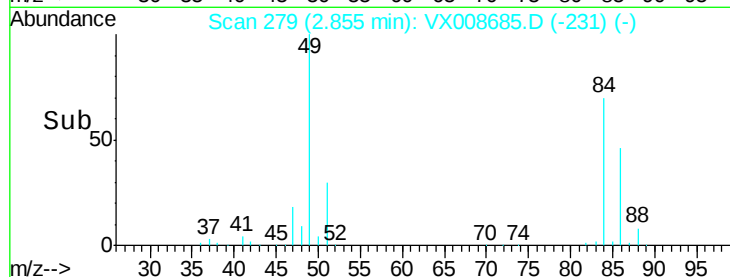
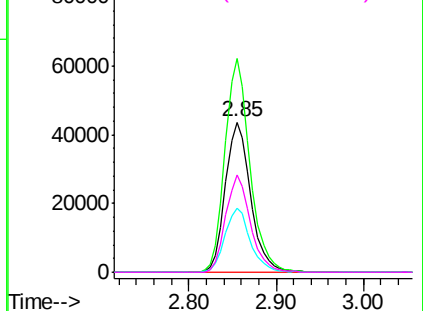


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 3.975 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008685.D

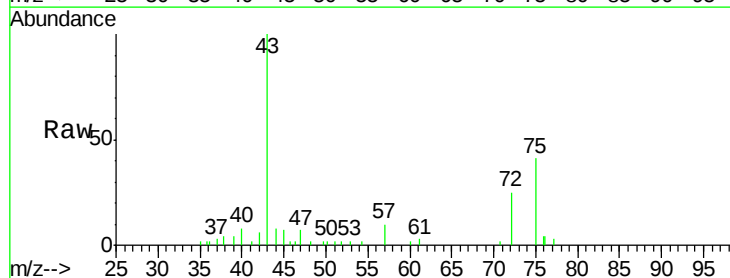
Acq: 05 Apr 2019 16:37

Tgt Ion: 43 Resp: 10139

Ion Ratio Lower Upper

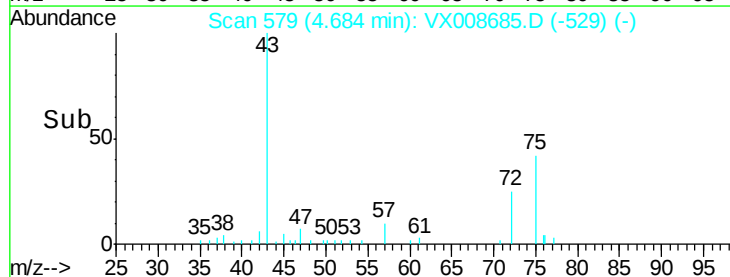
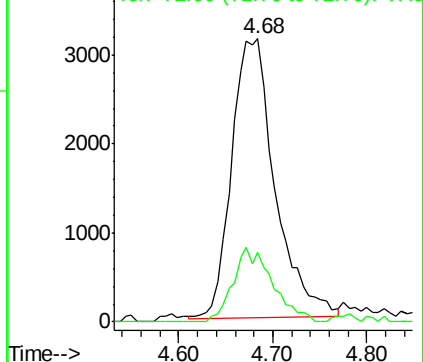
43 100

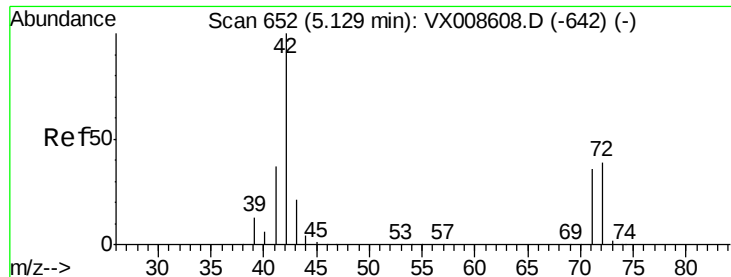
72 25.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

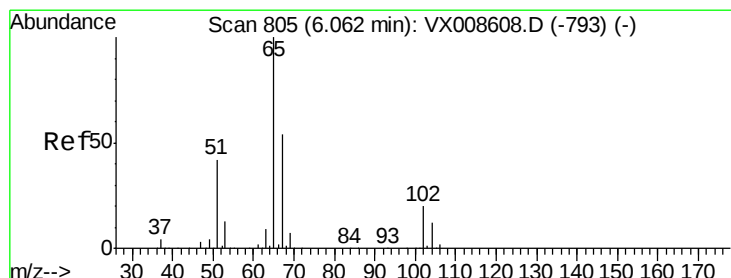
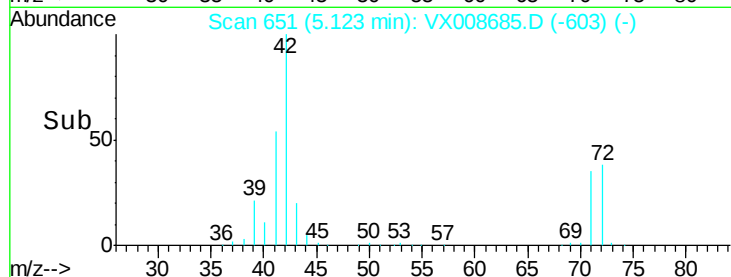
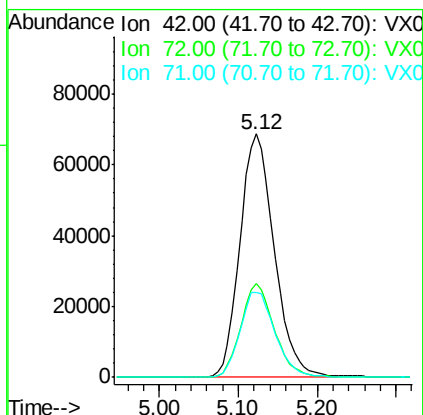
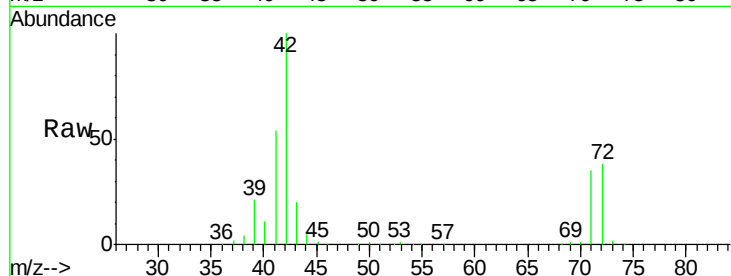




#29
Tetrahydrofuran
Concen: 123.000 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008685.D
Acq: 05 Apr 2019 16:37

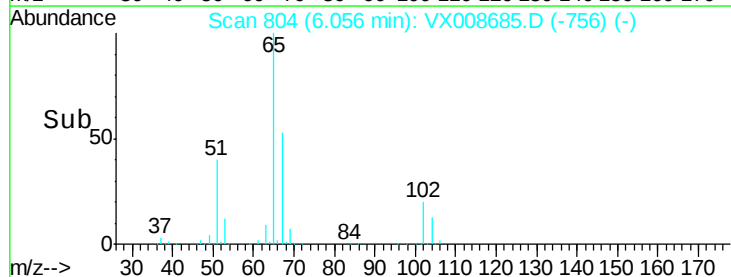
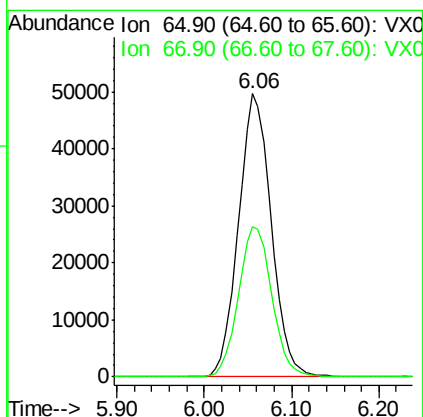
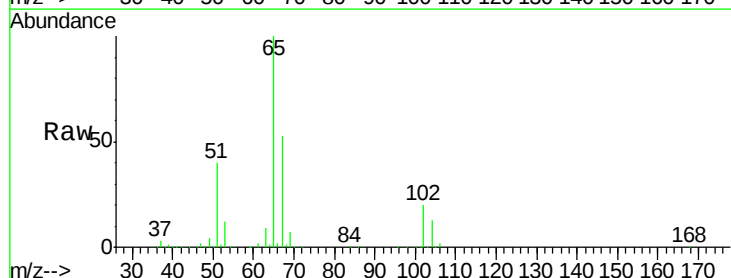
Instrument :
MSVOA_X
ClientSampleId :
S8-EB-2019-1

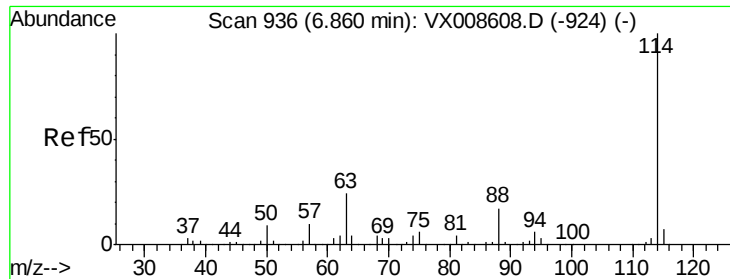
Tgt Ion: 42 Resp: 208212
Ion Ratio Lower Upper
42 100
72 37.5 30.5 45.7
71 35.8 28.6 43.0



#33
1,2-Dichloroethane-d4
Concen: 46.120 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX008685.D
Acq: 05 Apr 2019 16:37

Tgt Ion: 65 Resp: 129212
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2

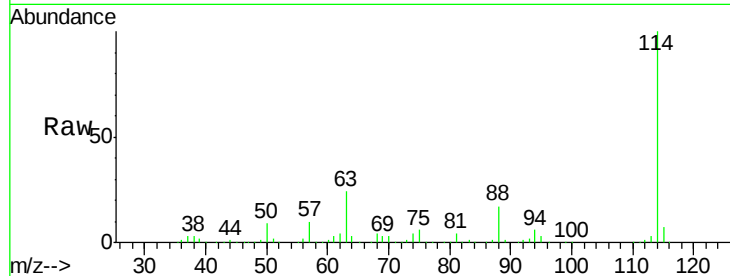




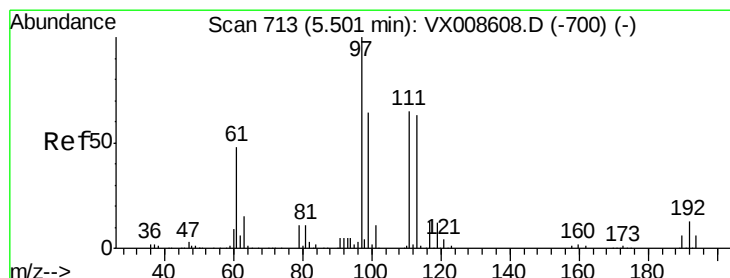
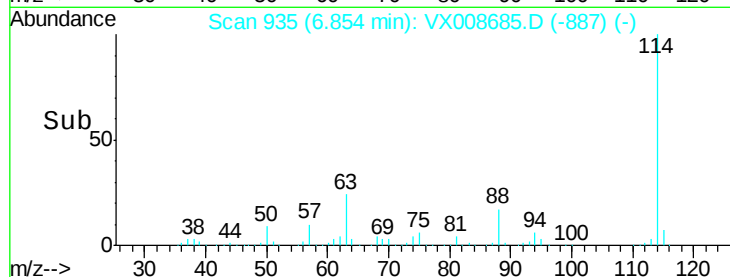
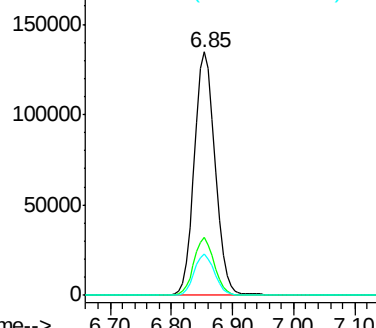
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX008685.D
Acq: 05 Apr 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
S8-EB-2019-1

Tgt Ion:114 Resp: 317932
Ion Ratio Lower Upper
114 100
63 23.6 0.0 47.2
88 17.1 0.0 34.0

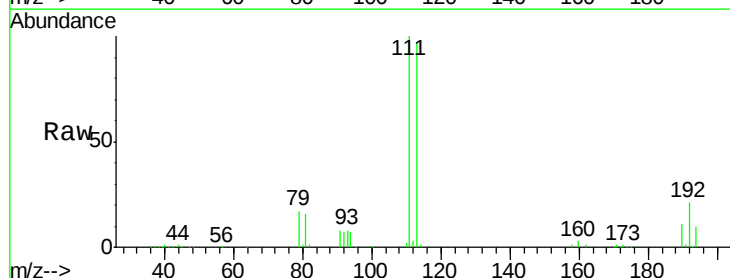


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

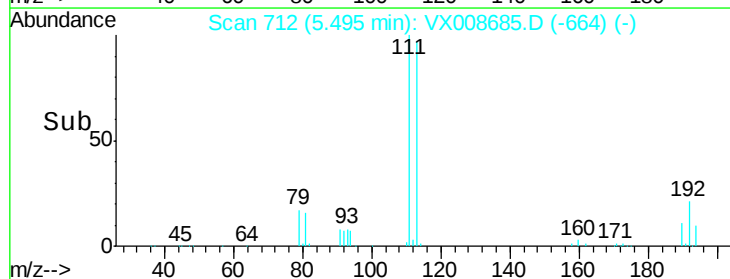
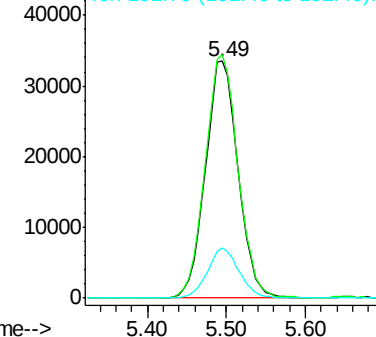


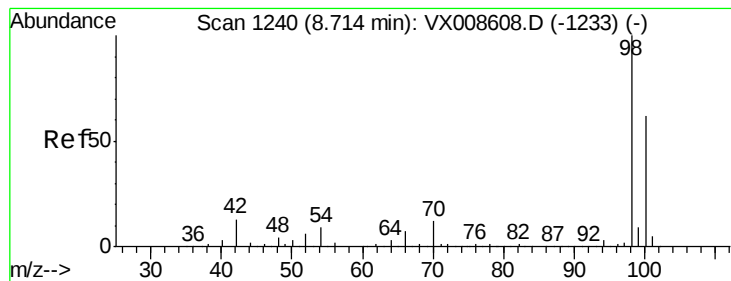
#35
Dibromofluoromethane
Concen: 47.490 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008685.D
Acq: 05 Apr 2019 16:37

Tgt Ion:113 Resp: 96535
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 20.5 16.1 24.1



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: 49.017 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008685.D

Acq: 05 Apr 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

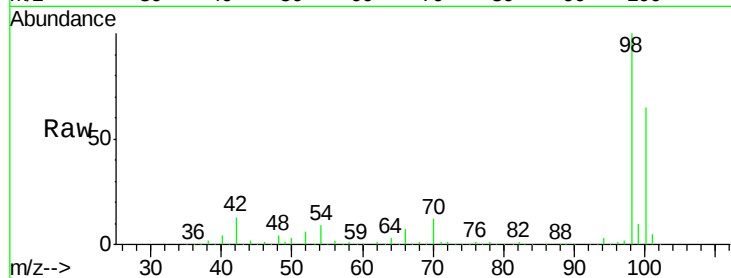
S8-EB-2019-1

Tgt Ion: 98 Resp: 396736

Ion Ratio Lower Upper

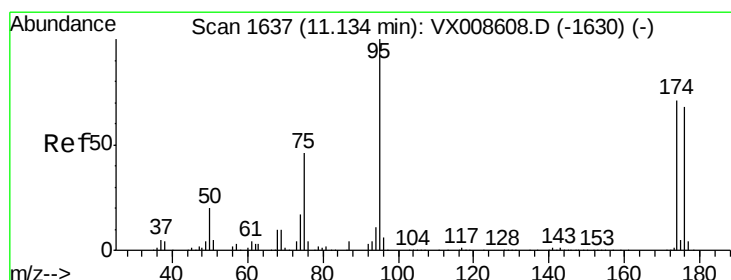
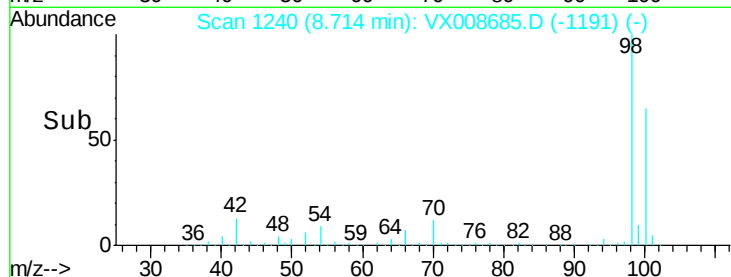
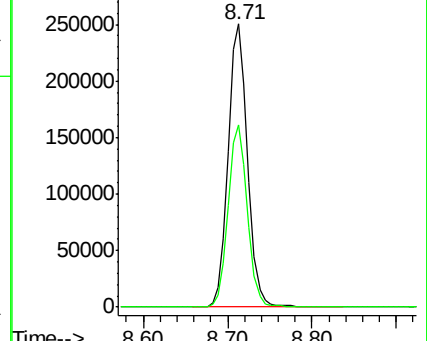
98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.582 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008685.D

Acq: 05 Apr 2019 16:37

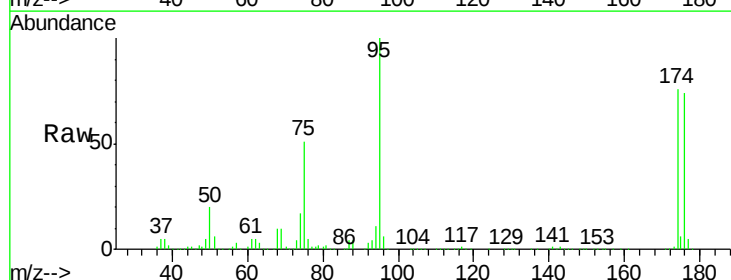
Tgt Ion: 95 Resp: 133698

Ion Ratio Lower Upper

95 100

174 76.9 0.0 151.8

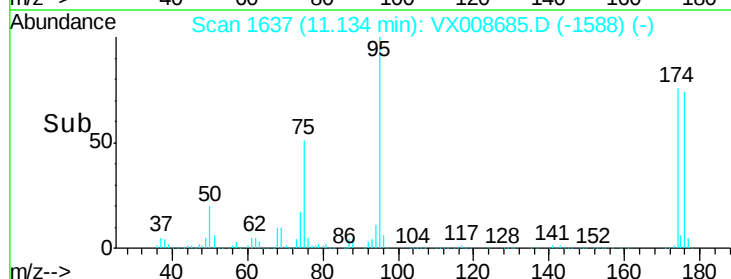
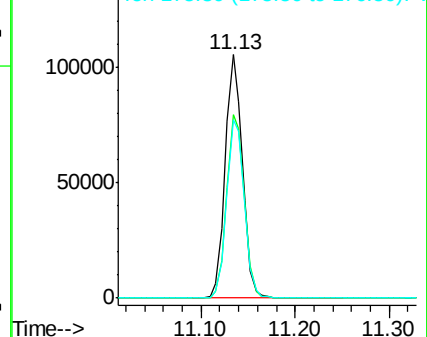
176 74.7 0.0 145.8

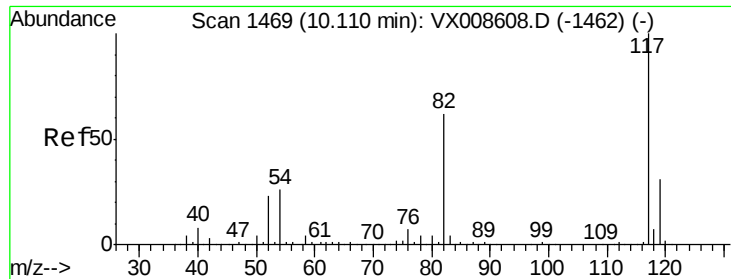


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

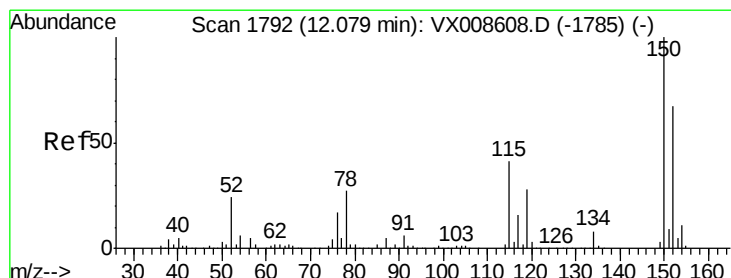
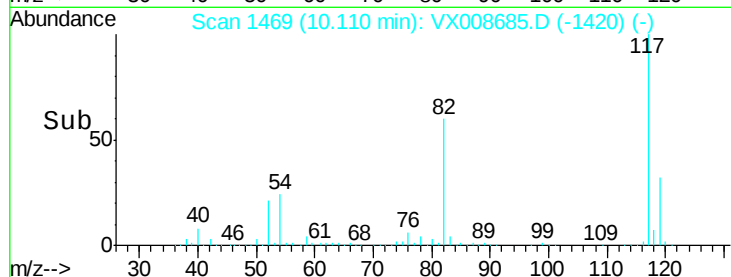
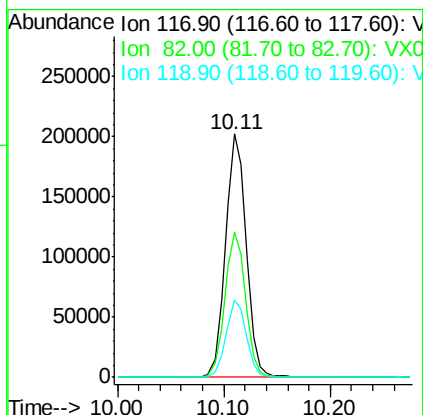
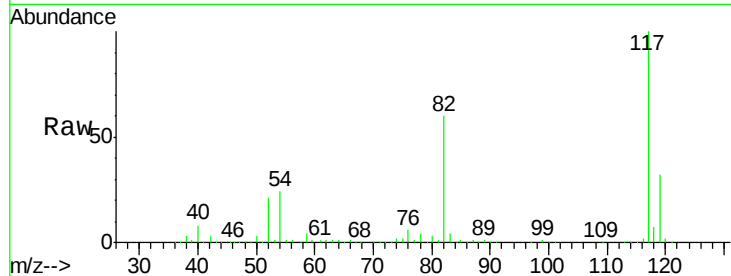




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008685.D
Acq: 05 Apr 2019 16:37

Instrument :
MSVOA_X
ClientSampled :
S8-EB-2019-1

Tgt Ion:117 Resp: 277020
Ion Ratio Lower Upper
117 100
82 59.6 49.6 74.4
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX008685.D
Acq: 05 Apr 2019 16:37

Tgt Ion:152 Resp: 114704
Ion Ratio Lower Upper
152 100
115 60.2 43.5 130.5
150 156.4 0.0 348.8

