

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052019\
 Data File : VX009739.D
 Acq On : 20 May 2019 20:21
 Operator : JC/SP
 Sample : K2910-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-ER-2019-1

Quant Time: May 21 08:45:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

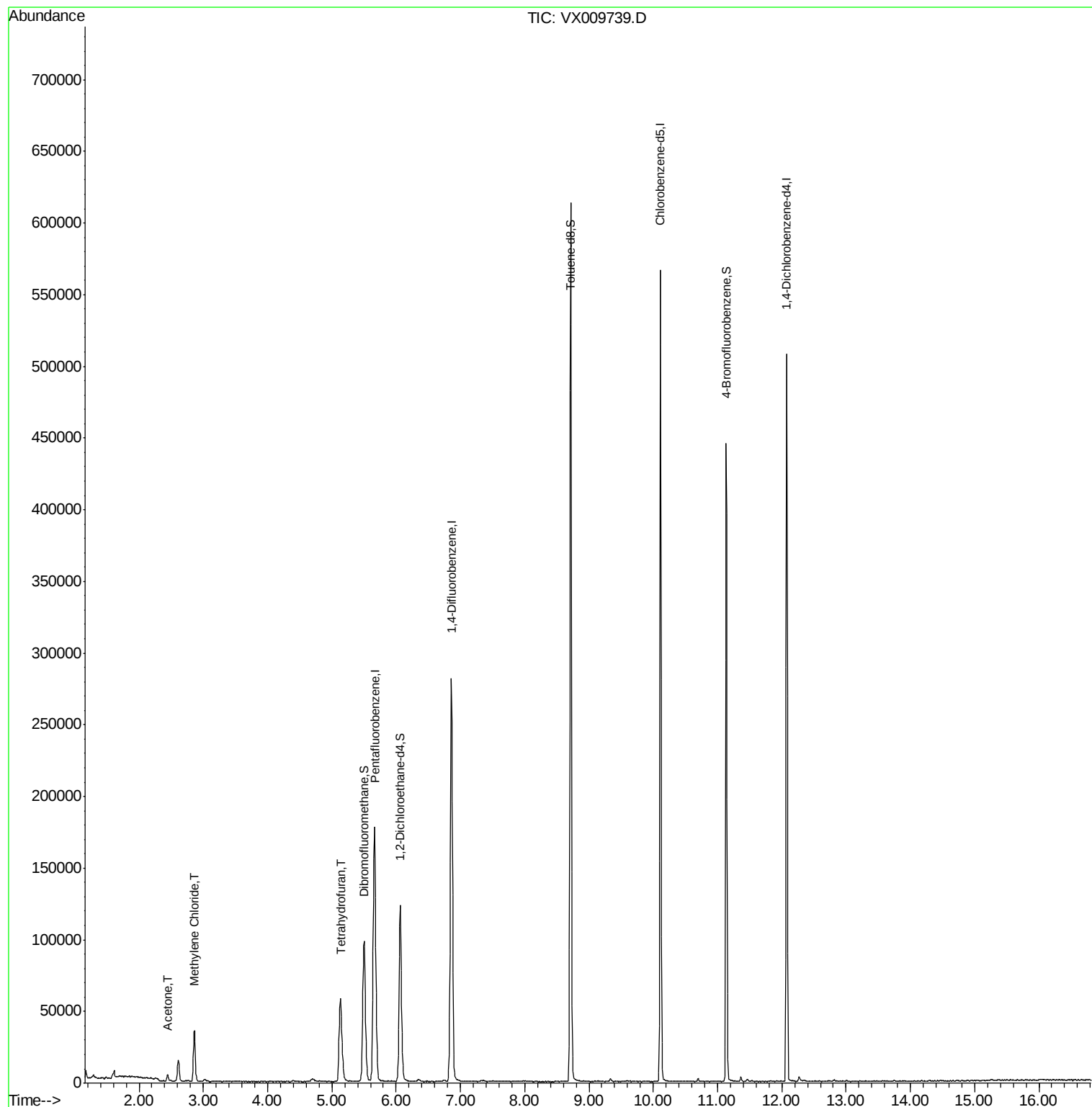
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116687	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	5.50	113	84867	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	8.71	98	346531	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	114703	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
Target Compounds						
16) Acetone	2.45	43	5381	4.259	ug/l	92
20) Methylene Chloride	2.85	84	15905	7.775	ug/l	98
29) Tetrahydrofuran	5.13	42	58958	46.665	ug/l	99

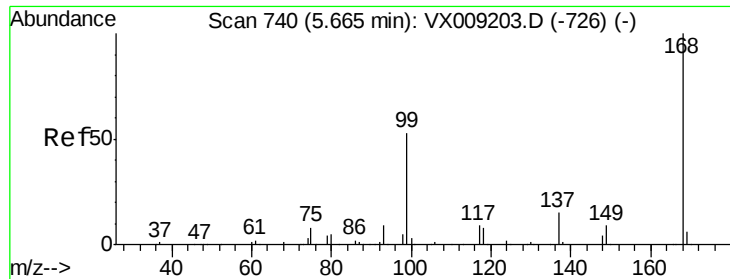
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052019\
Data File : VX009739.D
Acq On : 20 May 2019 20:21
Operator : JC/SP
Sample : K2910-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S73-ER-2019-1

Quant Time: May 21 08:45:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

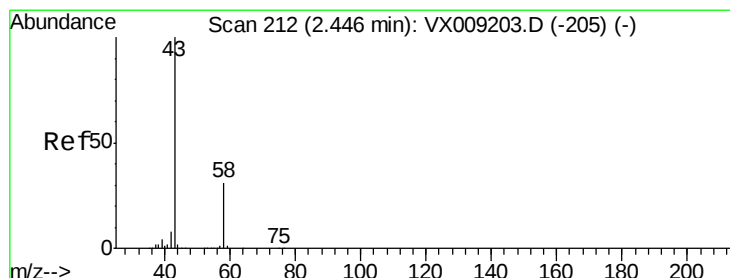
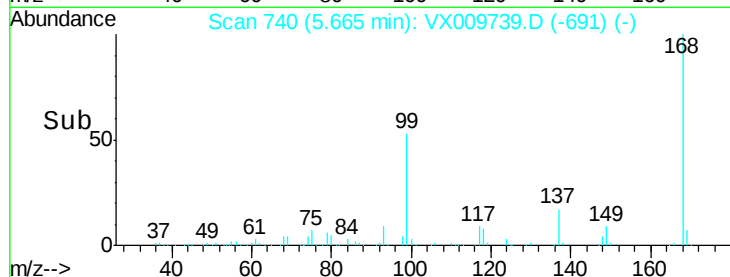
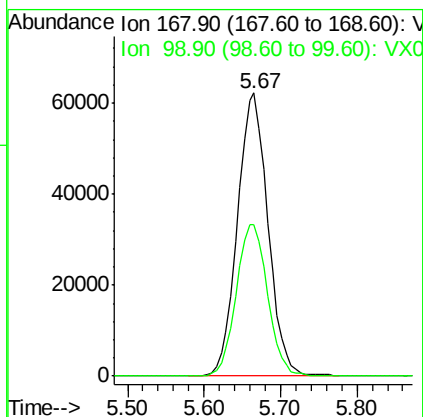
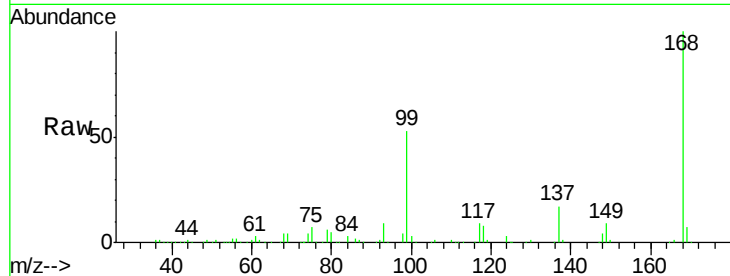




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009739.D
Acq: 20 May 2019 20:21

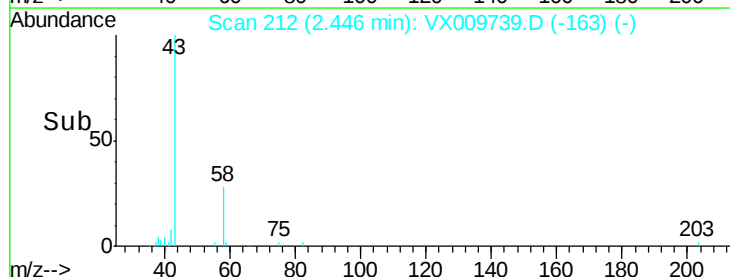
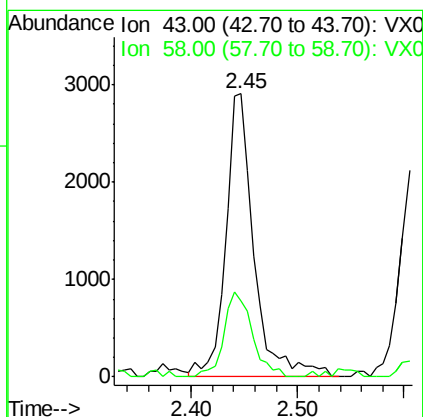
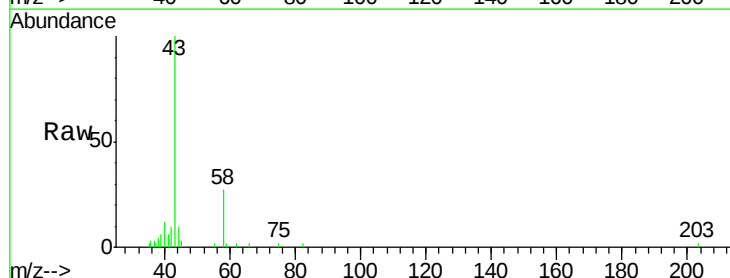
Instrument :
MSVOA_X
ClientSampleId :
S73-ER-2019-1

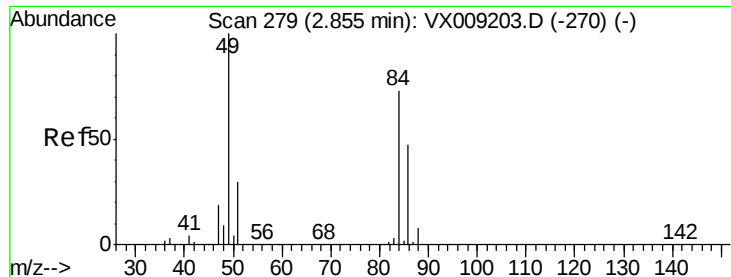
Tot Ion:168 Resp: 172367
Ion Ratio Lower Upper
168 100
99 53.4 42.3 63.5



#16
Acetone
Concen: 4.259 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009739.D
Acq: 20 May 2019 20:21

Tgt Ion: 43 Resp: 5381
Ion Ratio Lower Upper
43 100
58 26.8 24.9 37.3

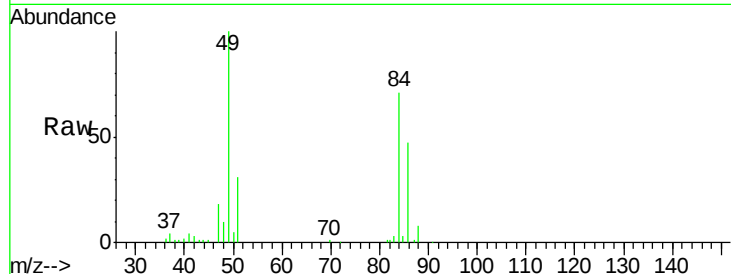




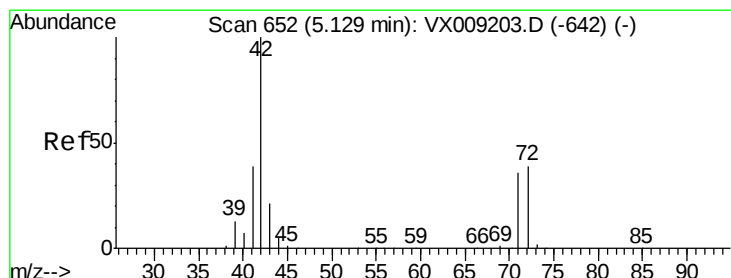
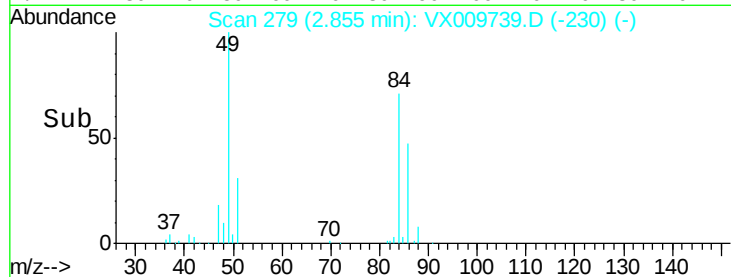
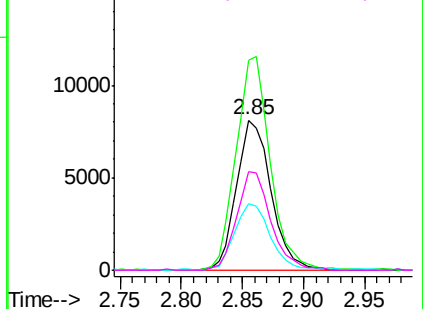
#20
Methylene Chloride
Concen: 7.775 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009739.D
Acq: 20 May 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
S73-ER-2019-1

Tot Ion: 84 Resp: 15905
Ion Ratio Lower Upper
84 100
49 140.3 109.9 164.9
51 43.4 32.7 49.1
86 65.5 52.0 78.0

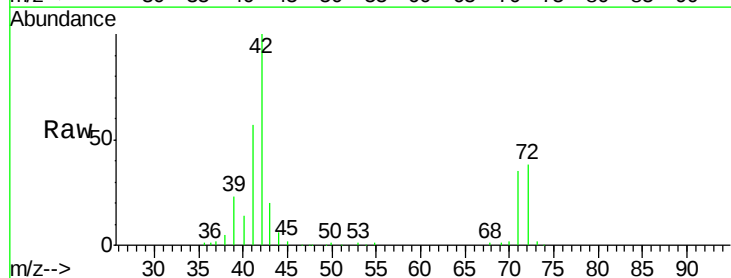


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

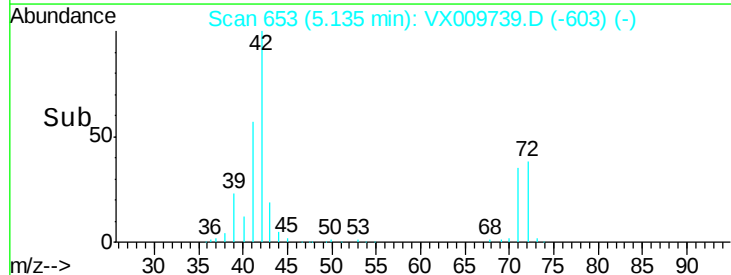
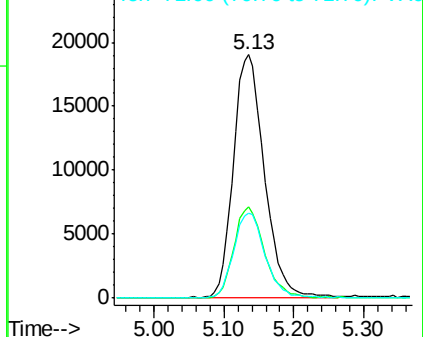


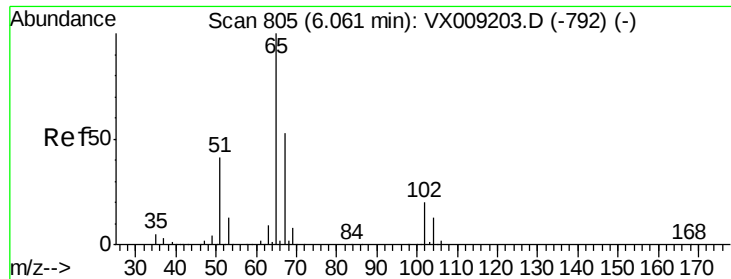
#29
Tetrahydrofuran
Concen: 46.665 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009739.D
Acq: 20 May 2019 20:21

Tgt Ion: 42 Resp: 58958
Ion Ratio Lower Upper
42 100
72 36.8 30.4 45.6
71 35.3 28.6 43.0



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: 49.590 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009739.D

Acq: 20 May 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

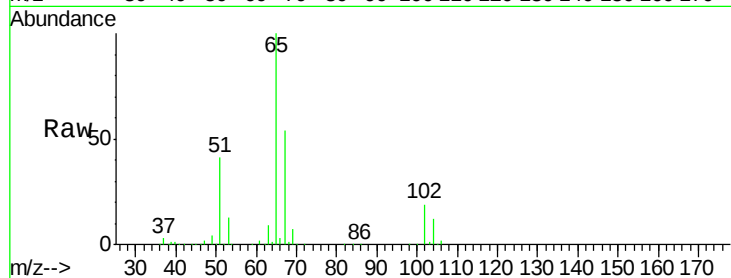
S73-ER-2019-1

Tot Ion: 65 Resp: 116687

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

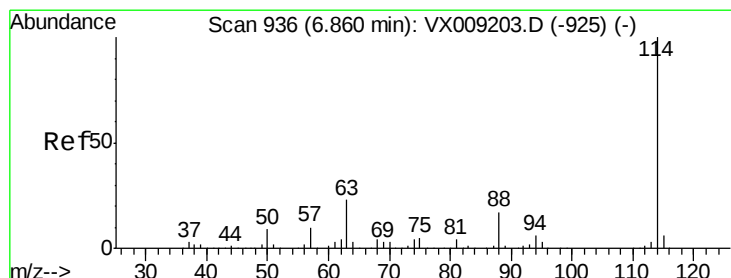
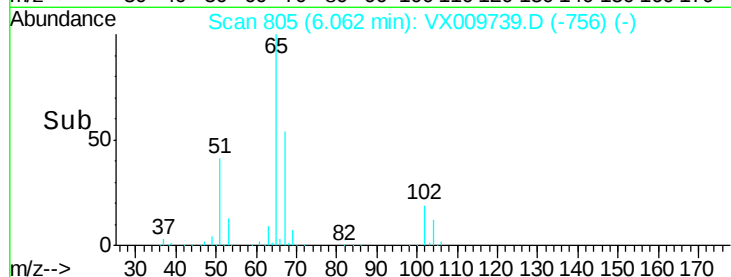
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009739.D

Acq: 20 May 2019 20:21

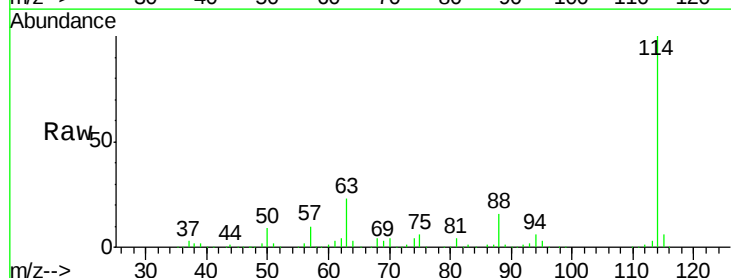
Tgt Ion: 114 Resp: 274479

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 16.5 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

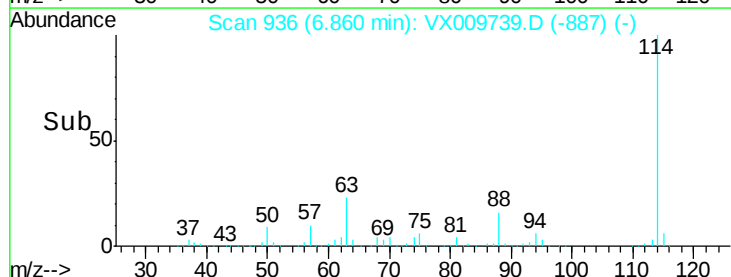
150000

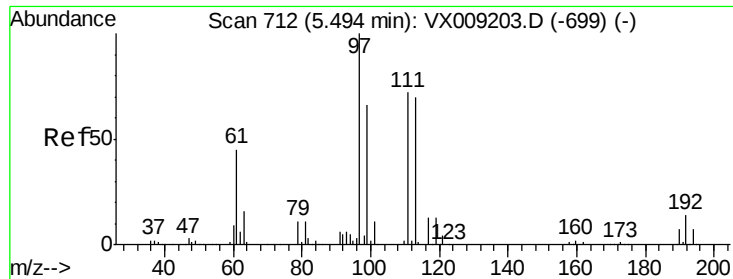
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

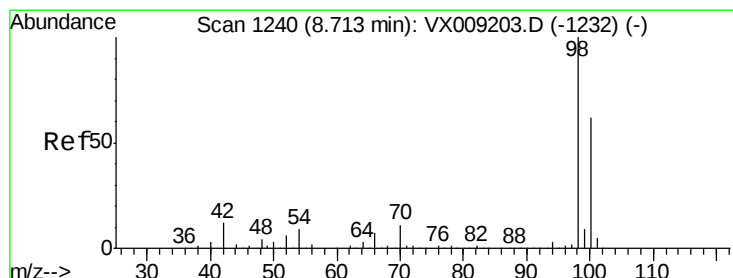
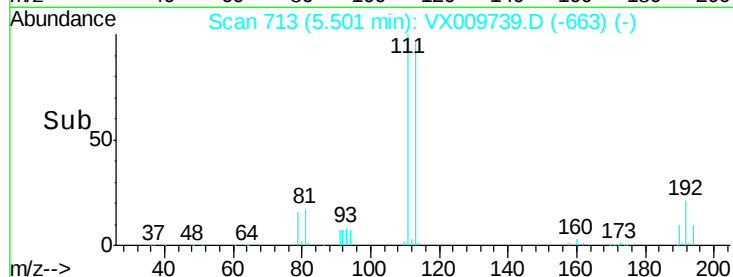
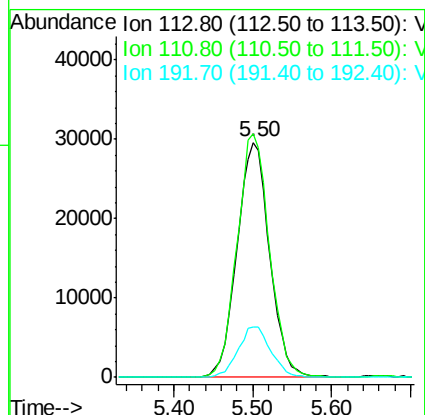
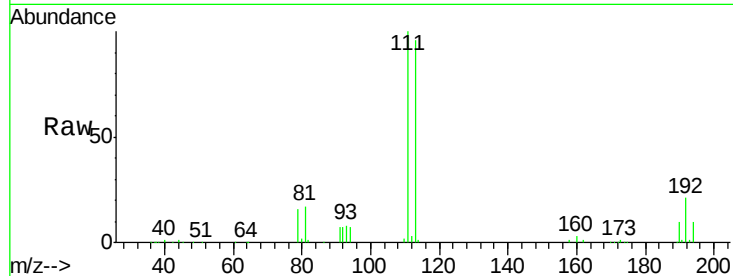




#35
 Dibromofluoromethane
 Concen: 49.184 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009739.D
 Acq: 20 May 2019 20:21

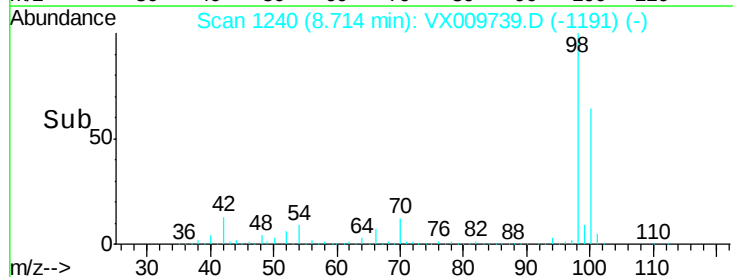
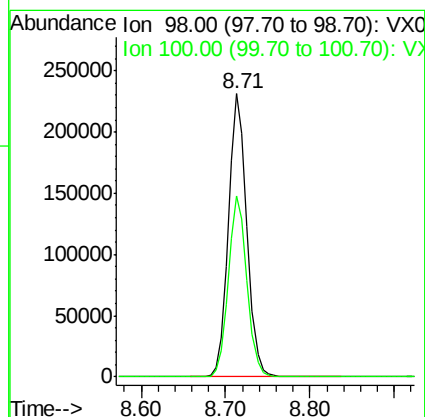
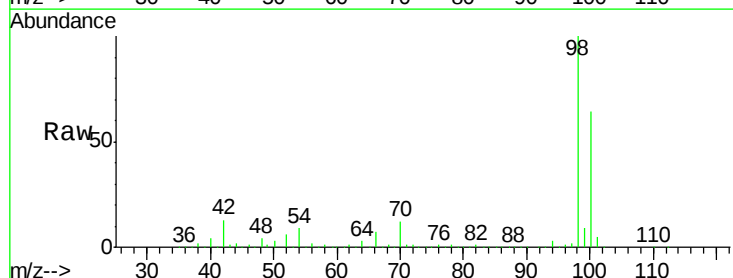
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-ER-2019-1

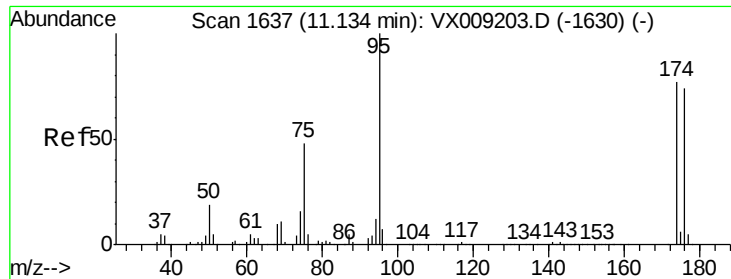
Tot Ion:113 Resp: 84867
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.8 124.2
 192 21.6 17.0 25.6



#50
 Toluene-d8
 Concen: 49.745 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009739.D
 Acq: 20 May 2019 20:21

Tgt Ion: 98 Resp: 346531
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.315 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009739.D

Acq: 20 May 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

S73-ER-2019-1

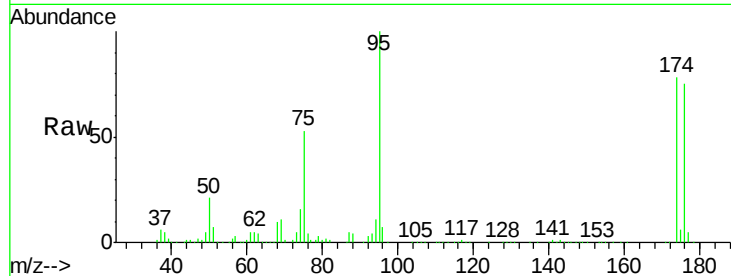
Tot Ion: 95 Resp: 114703

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

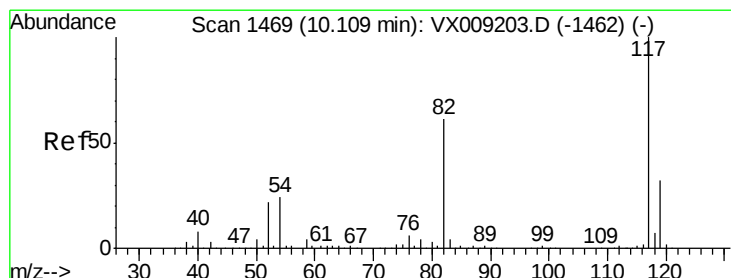
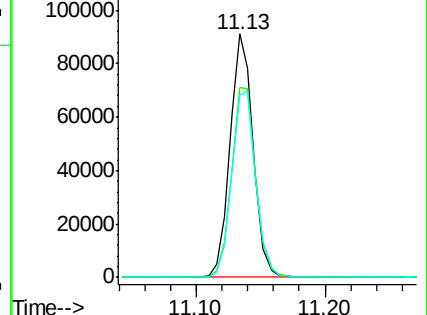
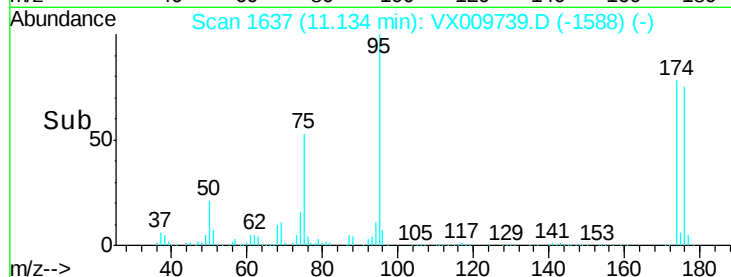
176 79.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009739.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009739.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009739.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009739.D

Acq: 20 May 2019 20:21

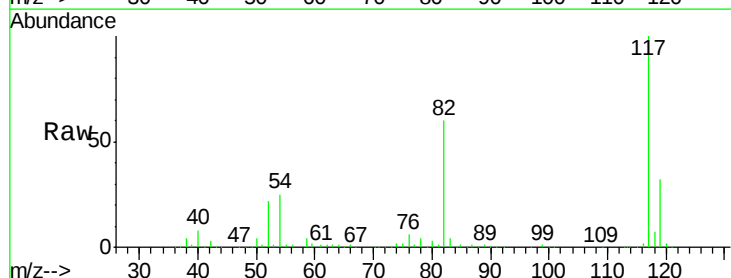
Tgt Ion: 117 Resp: 243465

Ion Ratio Lower Upper

117 100

82 60.0 48.8 73.2

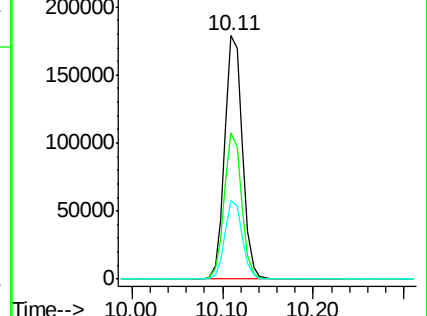
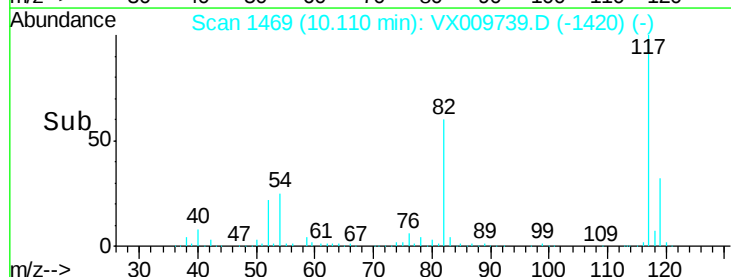
119 32.1 25.8 38.6

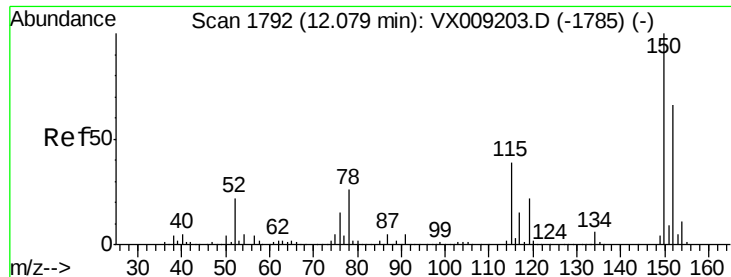


Abundance Ion 116.90 (116.60 to 117.60): VX009739.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009739.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009739.D (-1420) (-)

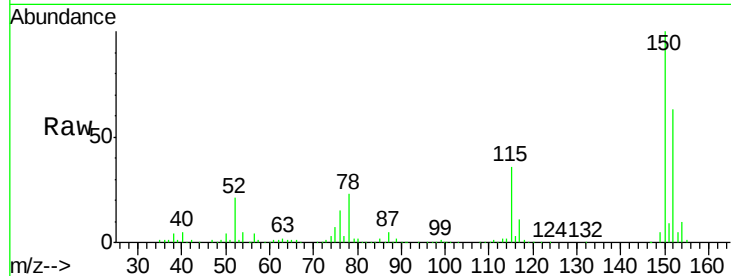




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009739.D
 Acq: 20 May 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-ER-2019-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.2	123.6
150	157.1	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

