

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042619\
 Data File : VX009188.D
 Acq On : 26 Apr 2019 14:36
 Operator : JC/SP
 Sample : K2565-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S81-ER-2019-1

Quant Time: Apr 27 05:18:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

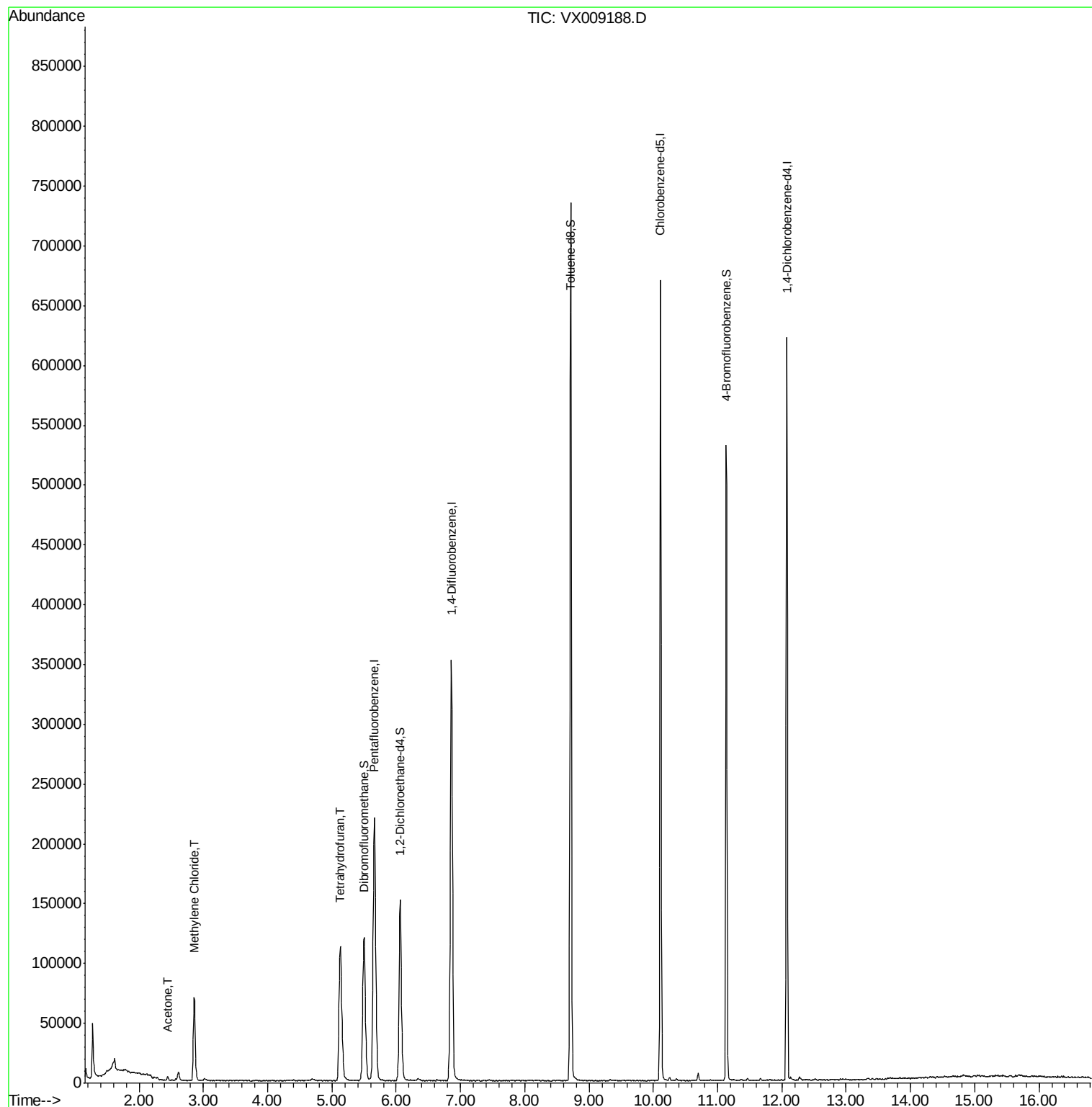
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	296886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140897	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
35) Dibromofluoromethane	5.50	113	104040	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	8.71	98	426664	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.13	95	142074	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
16) Acetone	2.45	43	3403	2.159	ug/l	89
20) Methylene Chloride	2.85	84	31642	11.741	ug/l	94
29) Tetrahydrofuran	5.13	42	117312	69.579	ug/l	99

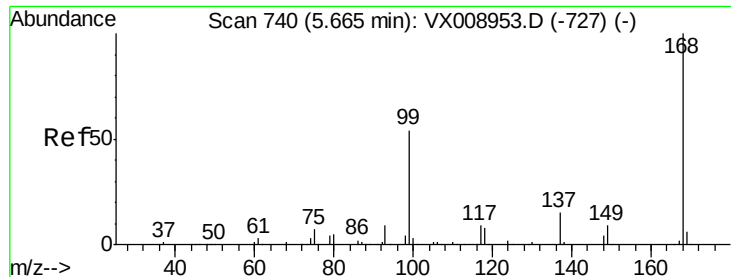
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009188.D

Acq: 26 Apr 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

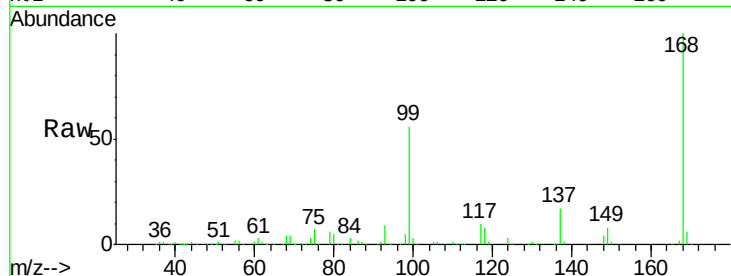
S81-ER-2019-1

Tot Ion:168 Resp: 215637

Ion Ratio Lower Upper

168 100

99 56.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

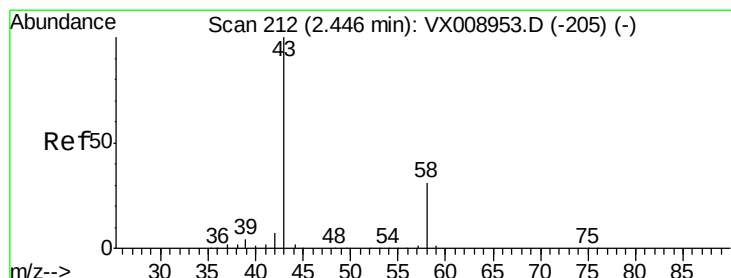
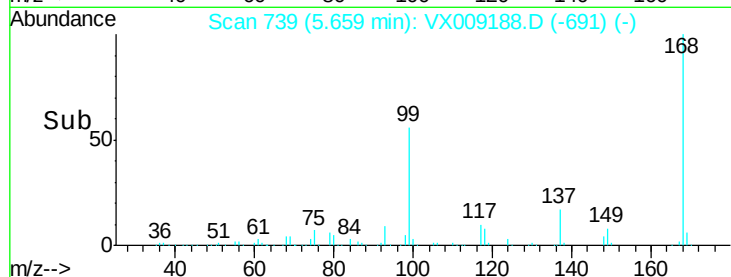
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.159 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009188.D

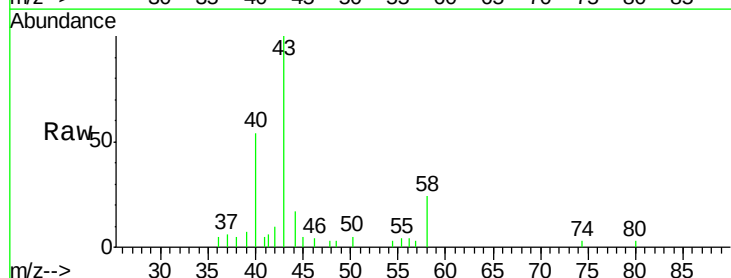
Acq: 26 Apr 2019 14:36

Tgt Ion: 43 Resp: 3403

Ion Ratio Lower Upper

43 100

58 25.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2000

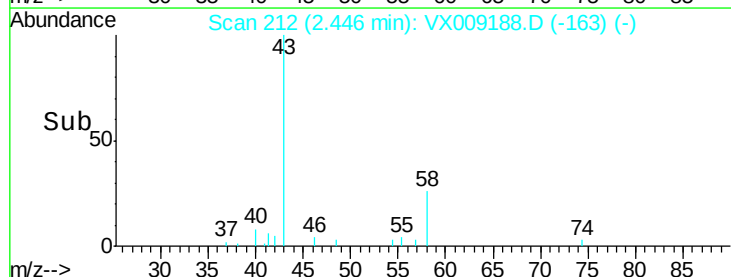
1500

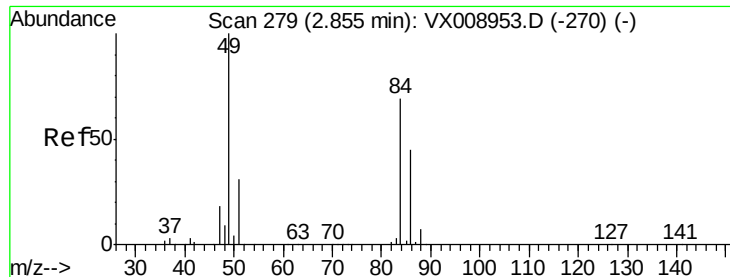
1000

500

0

Time--> 2.40 2.45 2.50

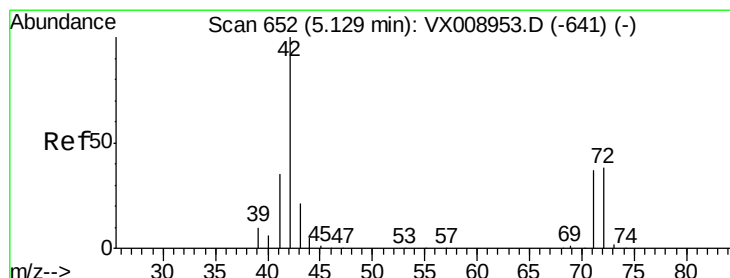
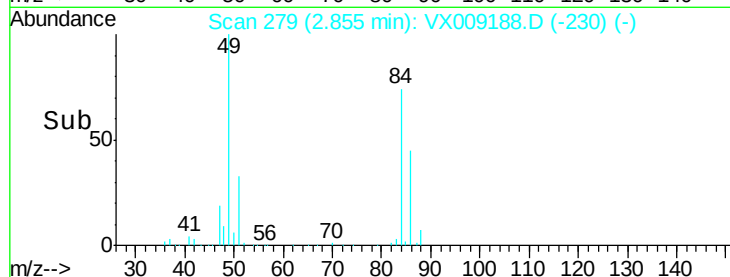
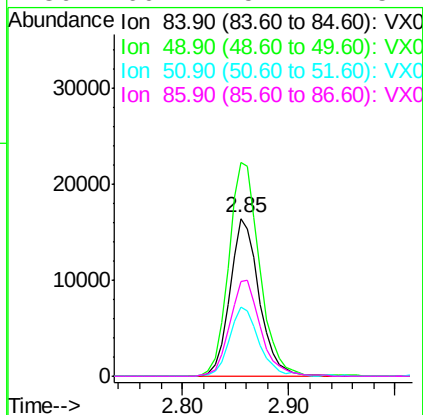
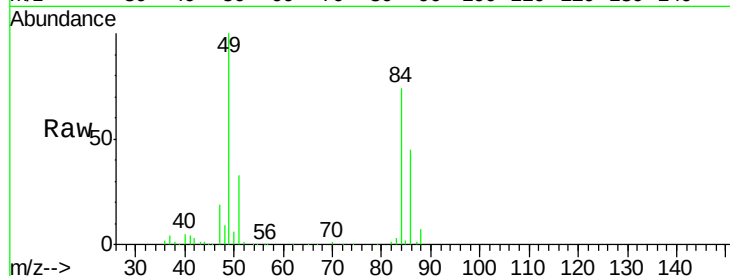




#20
Methylene Chloride
Concen: 11.741 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009188.D
Acq: 26 Apr 2019 14:36

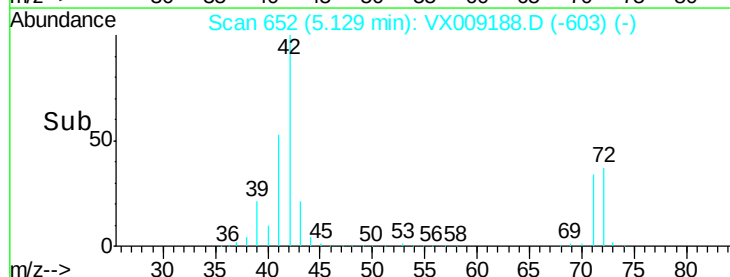
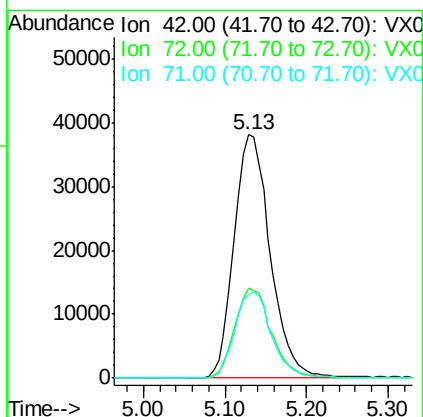
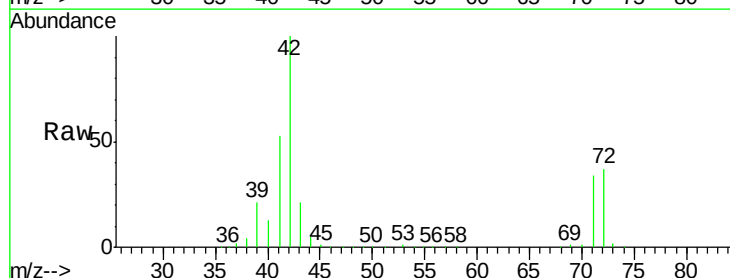
Instrument :
MSVOA_X
ClientSampleId :
S81-ER-2019-1

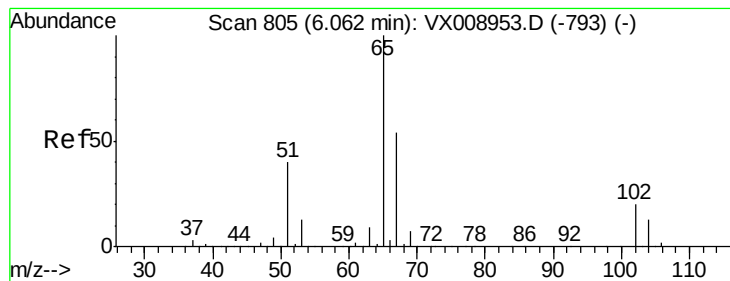
Tot Ion:	84	Resp:	31642
Ion	Ratio	Lower	Upper
84	100		
49	135.6	115.4	173.0
51	44.1	35.8	53.6
86	60.4	52.1	78.1



#29
Tetrahydrofuran
Concen: 69.579 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009188.D
Acq: 26 Apr 2019 14:36

Tgt Ion:	42	Resp:	117312
Ion	Ratio	Lower	Upper
42	100		
72	37.2	30.6	45.8
71	35.9	28.8	43.2





#33

1,2-Dichloroethane-d4

Concen: 46.364 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009188.D

Acq: 26 Apr 2019 14:36

Instrument :

MSVOA_X

ClientSampleId :

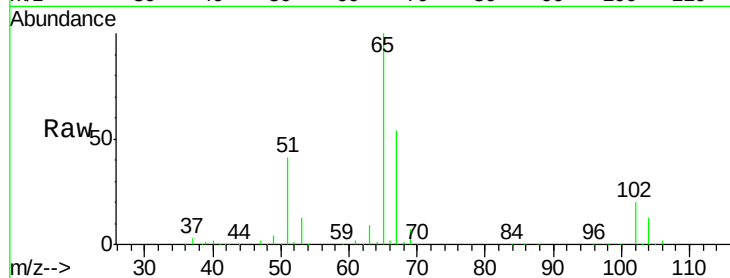
S81-ER-2019-1

Tot Ion: 65 Resp: 140897

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

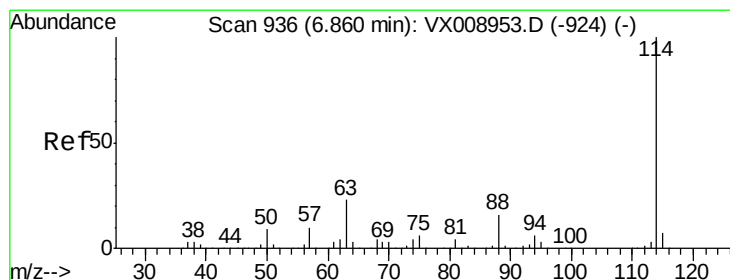
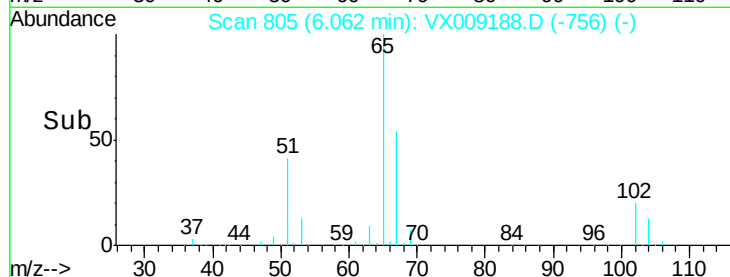
30000

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: VX009188.D

Acq: 26 Apr 2019 14:36

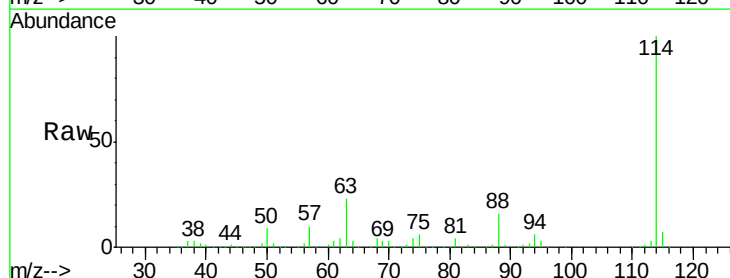
Tgt Ion: 114 Resp: 343436

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

88 16.3 0.0 32.6



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

200000

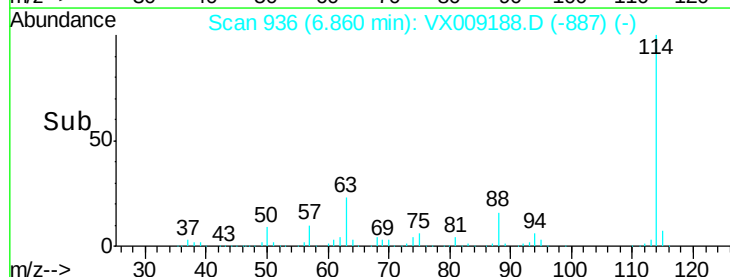
150000

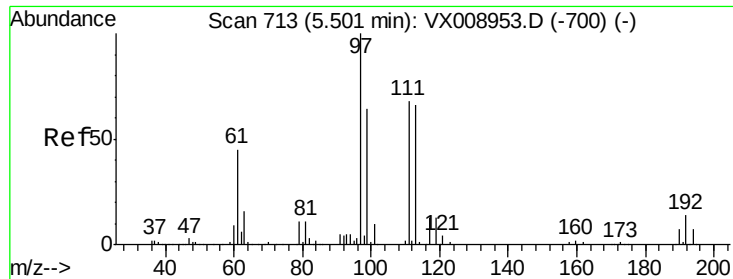
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

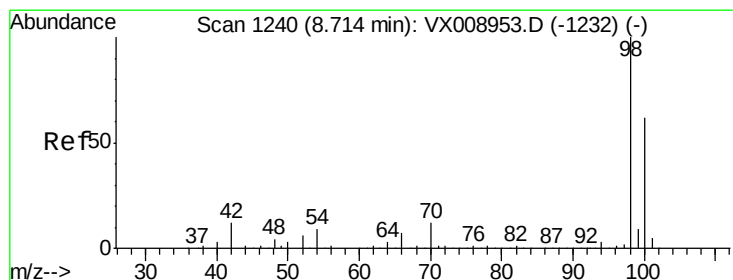
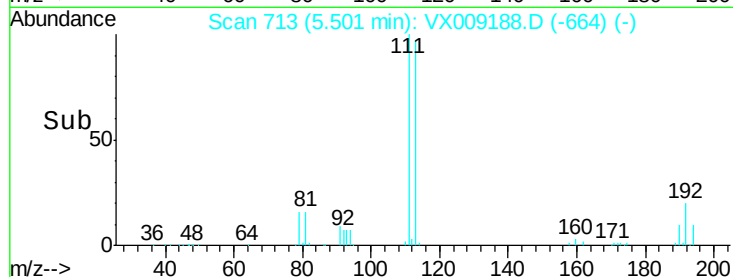
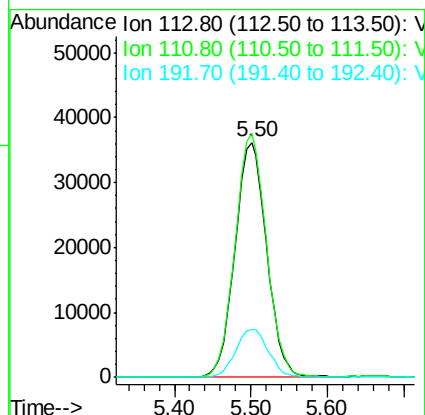
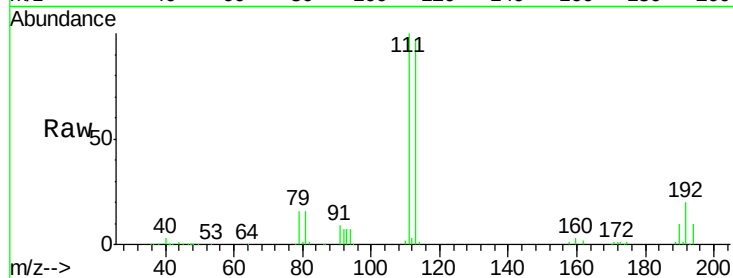




#35
 Dibromofluoromethane
 Concen: 47.203 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009188.D
 Acq: 26 Apr 2019 14:36

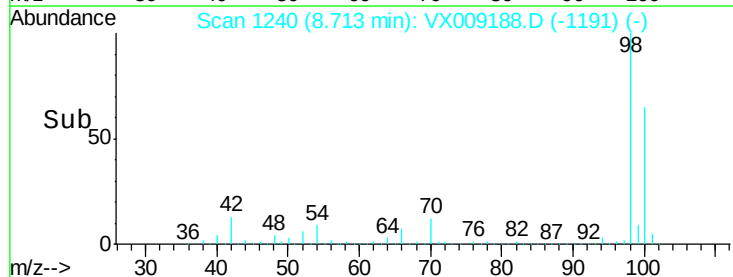
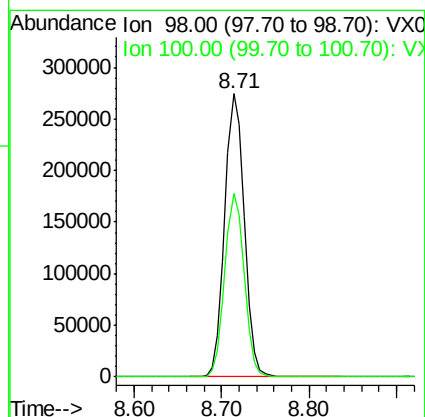
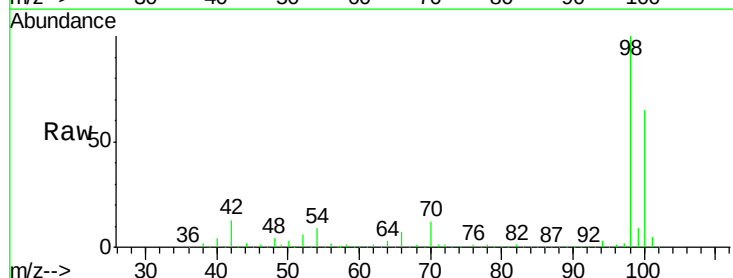
Instrument :
 MSVOA_X
 ClientSampleId :
 S81-ER-2019-1

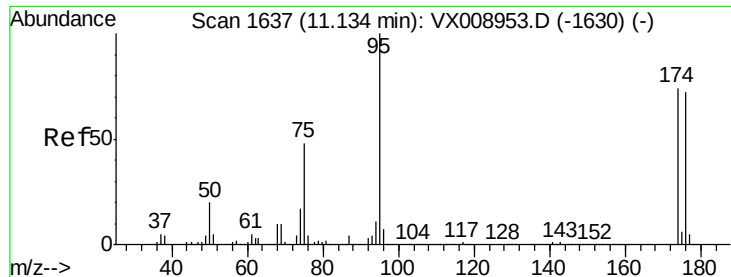
Tot Ion:113 Resp: 104040
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 21.3 17.4 26.0



#50
 Toluene-d8
 Concen: 48.540 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009188.D
 Acq: 26 Apr 2019 14:36

Tgt Ion: 98 Resp: 426664
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 45.788 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009188.D

Acq: 26 Apr 2019 14:36

Instrument :

MSVOA_X

ClientSampled :

S81-ER-2019-1

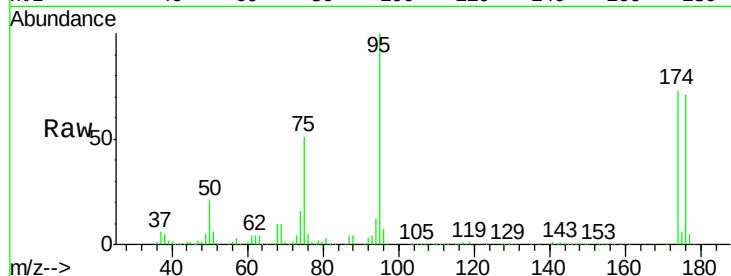
Tot Ion: 95 Resp: 142074

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.6

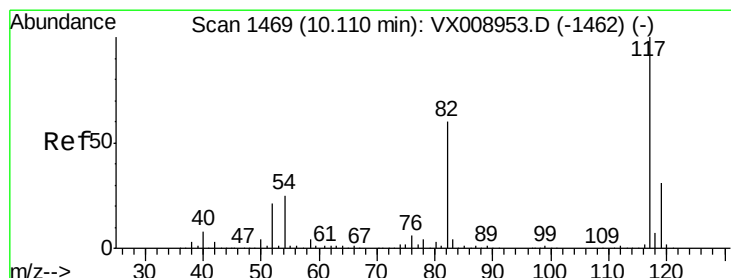
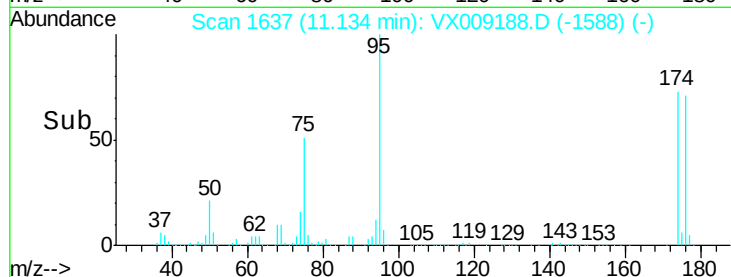
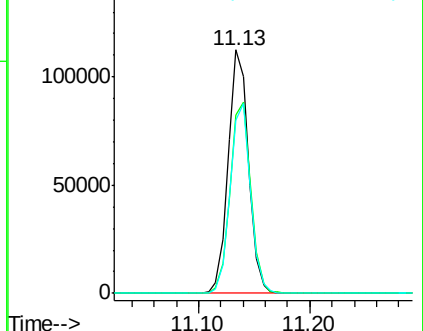
176 78.3 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009188.D

Acq: 26 Apr 2019 14:36

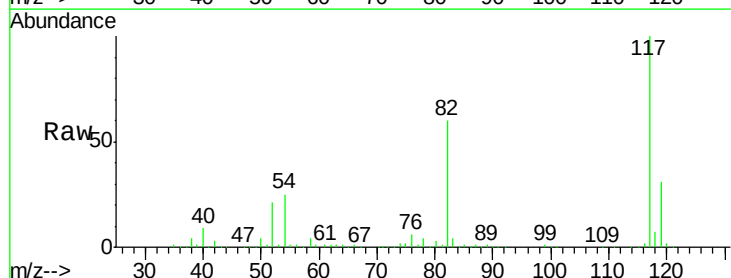
Tgt Ion: 117 Resp: 296886

Ion Ratio Lower Upper

117 100

82 59.9 48.2 72.4

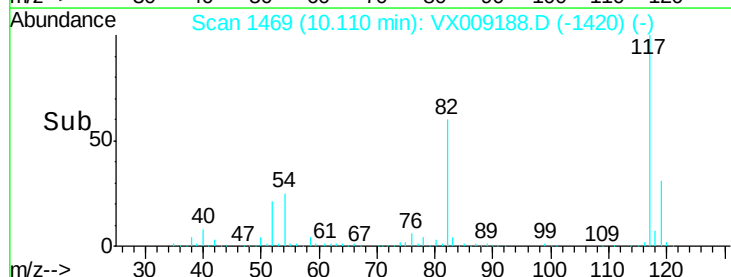
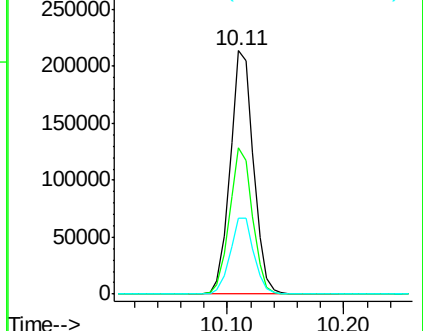
119 31.3 25.0 37.6

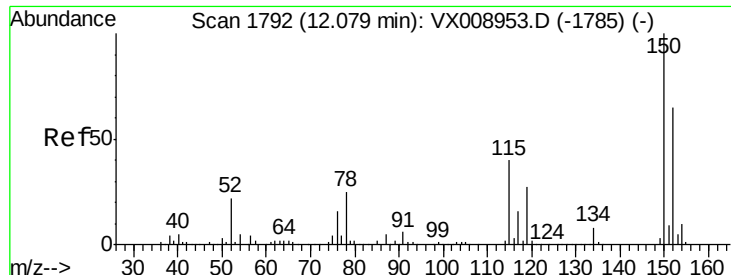


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009188.D
 Acq: 26 Apr 2019 14:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S81-ER-2019-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.4	124.2
150	154.6	0.0	349.8

