

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009160.D
 Acq On : 25 Apr 2019 14:22
 Operator : JC/SP
 Sample : K2535-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-ER-2019-1

Quant Time: Apr 26 10:10:04 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

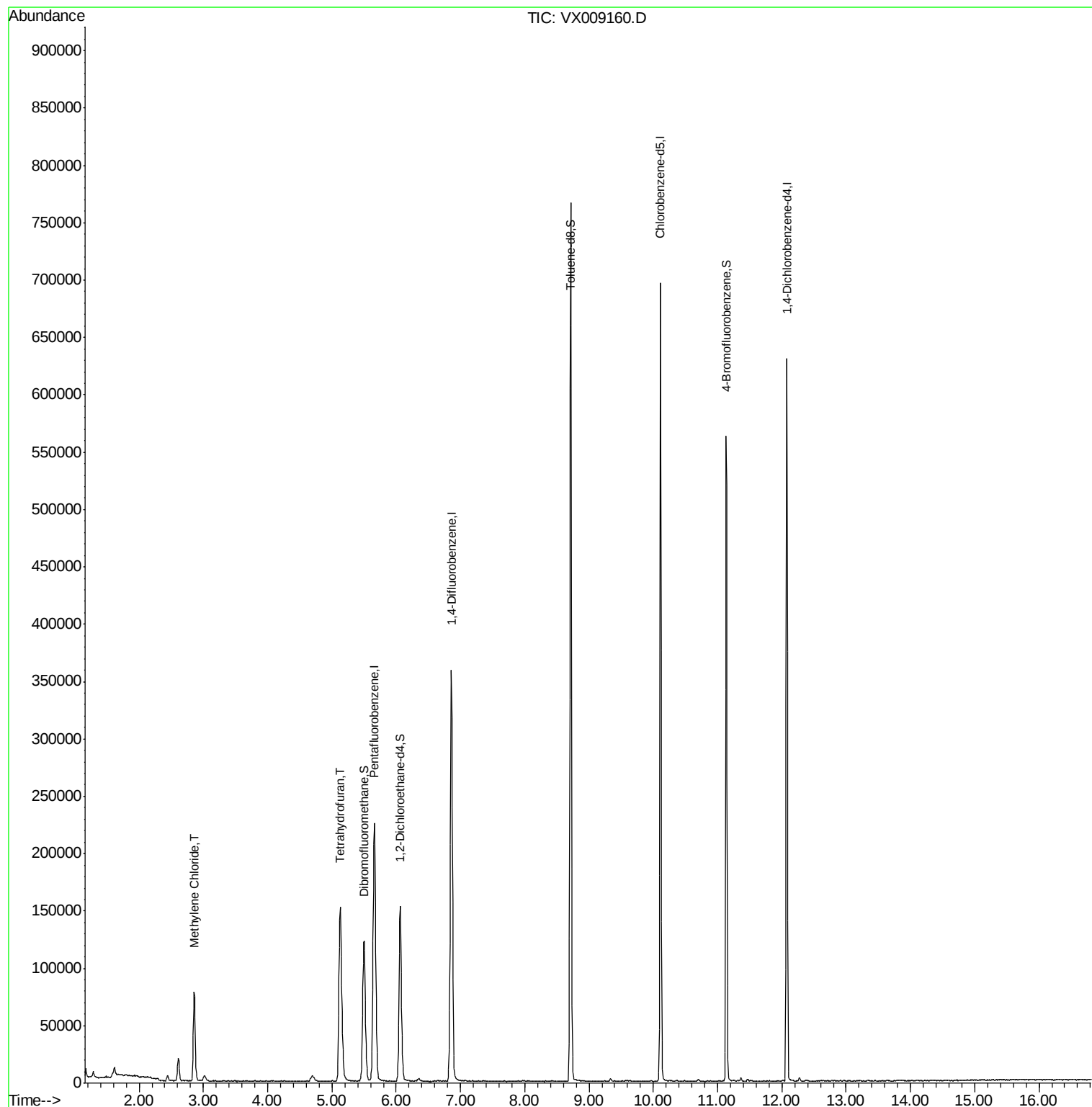
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	221204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	144726	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
35) Dibromofluoromethane	5.50	113	106633	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
50) Toluene-d8	8.71	98	437471	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.13	95	148136	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
Target Compounds						
20) Methylene Chloride	2.86	84	36280	13.123	ug/l	90
29) Tetrahydrofuran	5.13	42	157548	91.092	ug/l	97

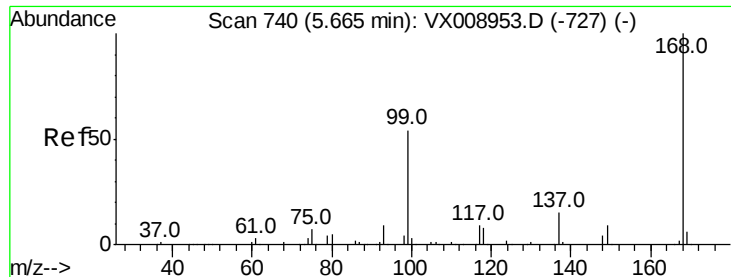
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
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: VX009160.D

Acq: 25 Apr 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

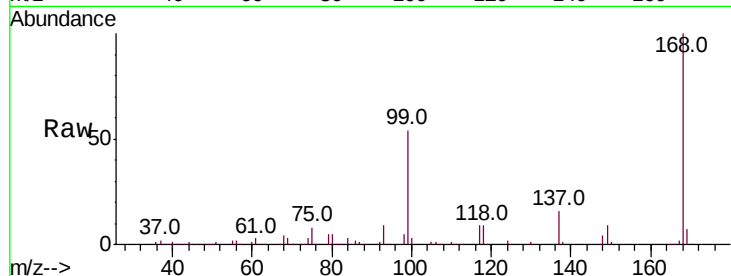
S37-ER-2019-1

Tot Ion:168 Resp: 221204

Ion Ratio Lower Upper

168 100

99 53.6 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

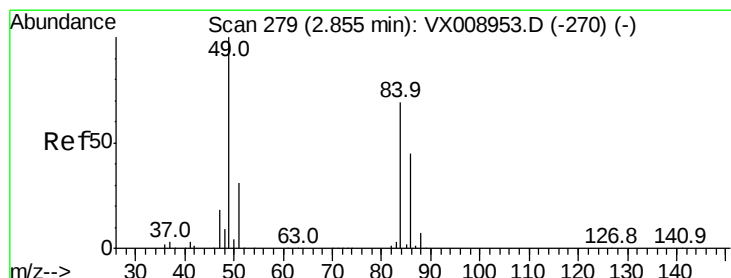
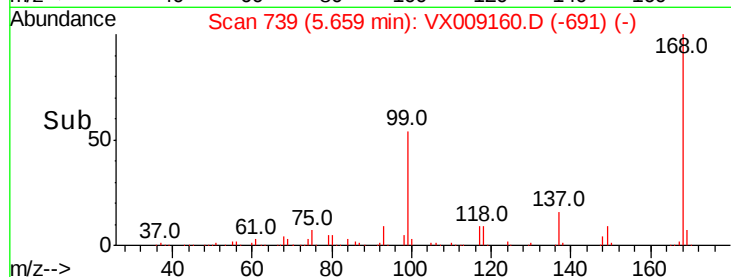
40000

20000

0

Time-->

5.60 5.70 5.80



#20

Methylene Chloride

Concen: 13.123 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX009160.D

Acq: 25 Apr 2019 14:22

Tgt Ion: 84 Resp: 36280

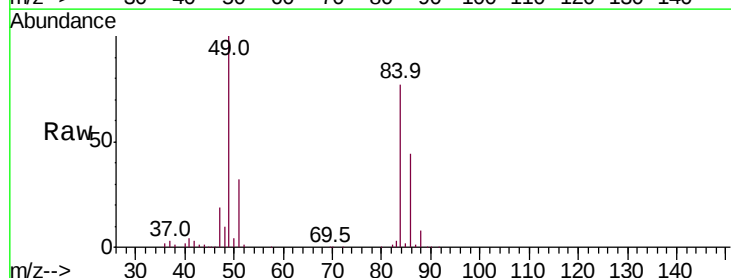
Ion Ratio Lower Upper

84 100

49 129.7 115.4 173.0

51 40.9 35.8 53.6

86 57.6 52.1 78.1



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

30000

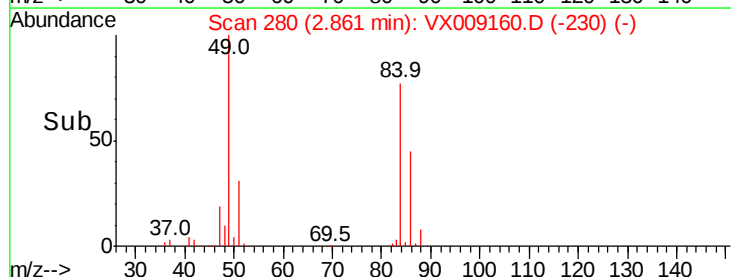
20000

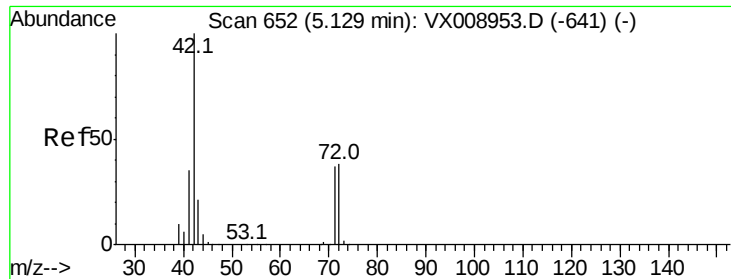
10000

0

Time-->

2.75 2.80 2.85 2.90 2.95

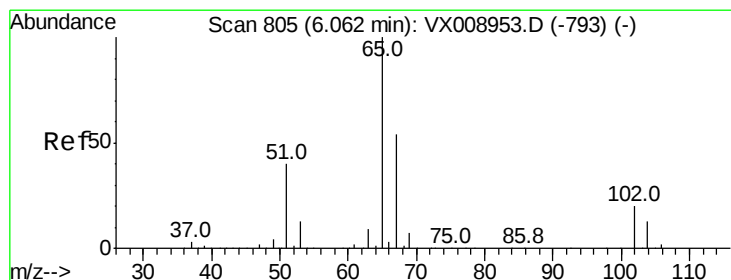
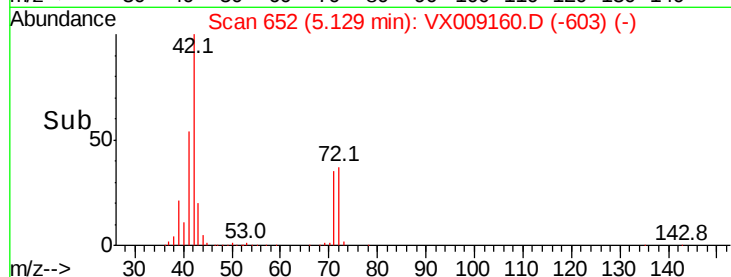
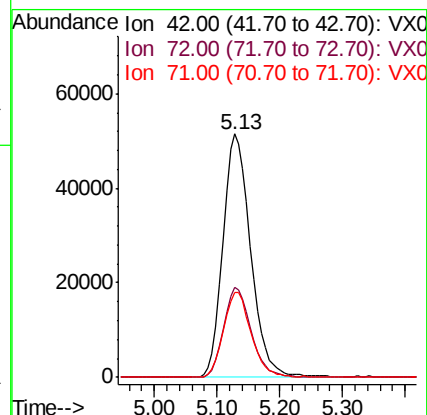
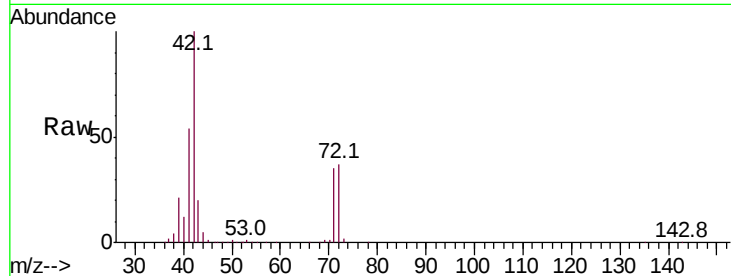




#29
Tetrahydrofuran
Concen: 91.092 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009160.D
Acq: 25 Apr 2019 14:22

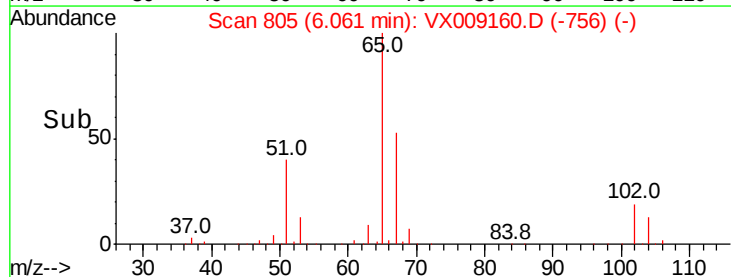
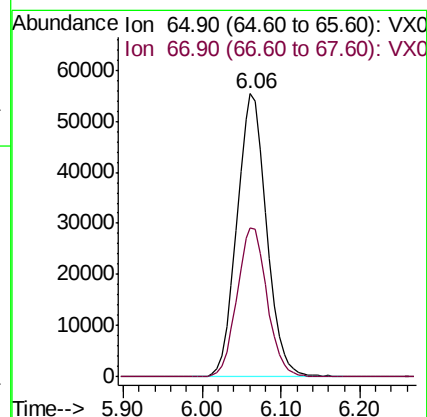
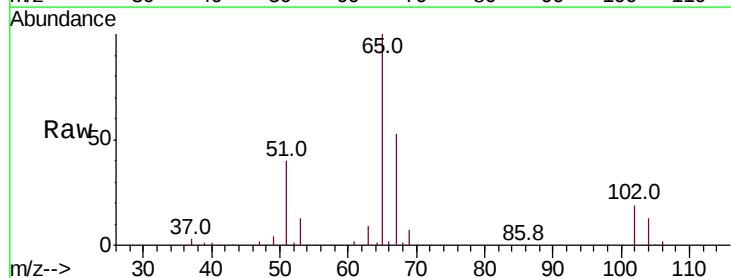
Instrument :
MSVOA_X
ClientSampleId :
S37-ER-2019-1

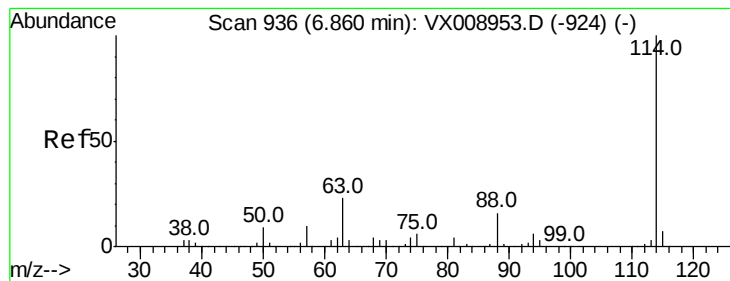
Tot Ion: 42 Resp: 157548
Ion Ratio Lower Upper
42 100
72 36.5 30.6 45.8
71 34.7 28.8 43.2



#33
1,2-Dichloroethane-d4
Concen: 46.425 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009160.D
Acq: 25 Apr 2019 14:22

Tgt Ion: 65 Resp: 144726
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009160.D

Acq: 25 Apr 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

S37-ER-2019-1

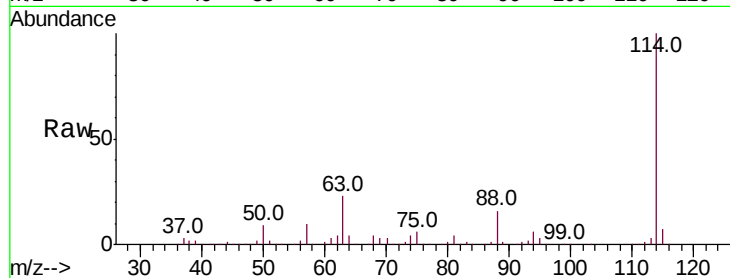
Tot Ion:114 Resp: 354287

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.0

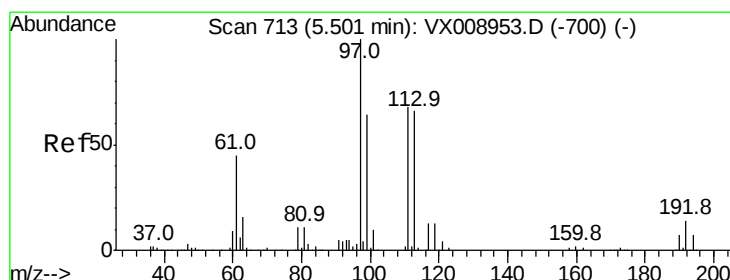
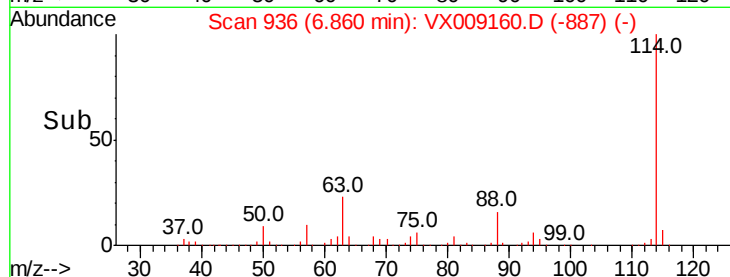
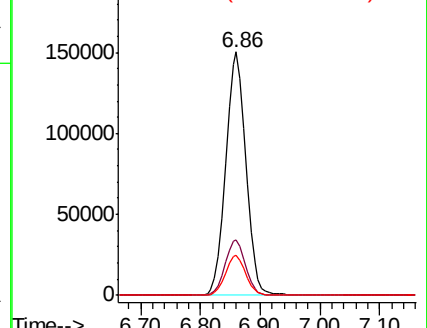
88 16.3 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 46.898 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009160.D

Acq: 25 Apr 2019 14:22

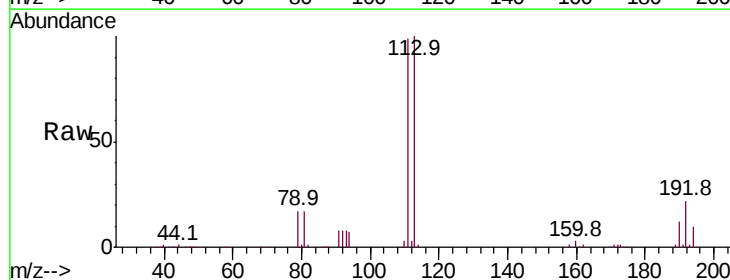
Tgt Ion:113 Resp: 106633

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

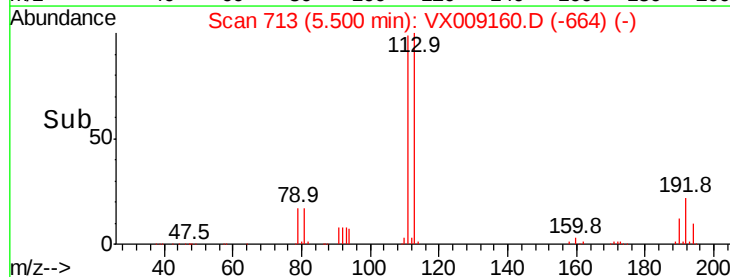
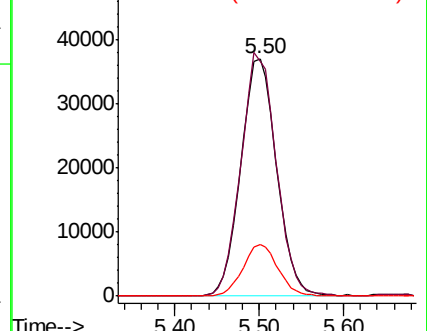
192 21.4 17.4 26.0

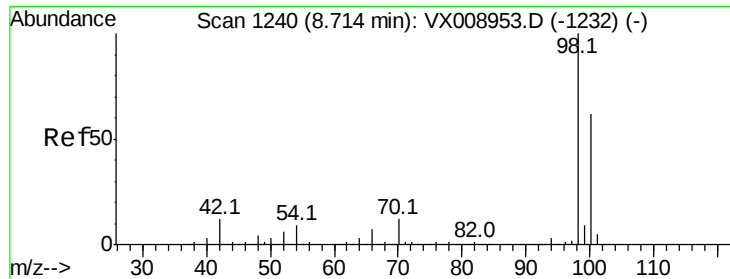


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.245 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009160.D

Acq: 25 Apr 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

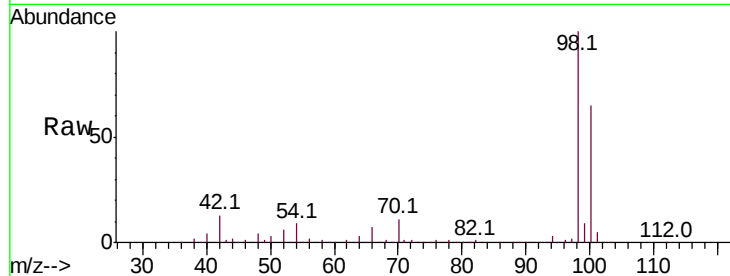
S37-ER-2019-1

Tot Ion: 98 Resp: 437471

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

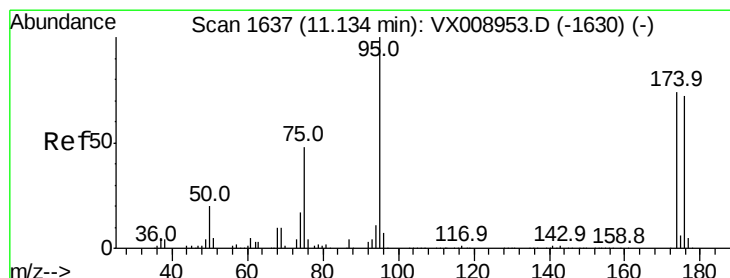
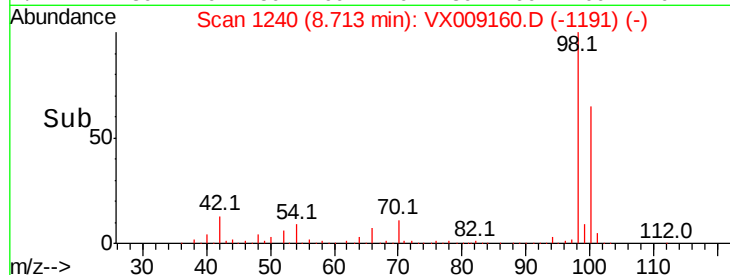
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.279 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009160.D

Acq: 25 Apr 2019 14:22

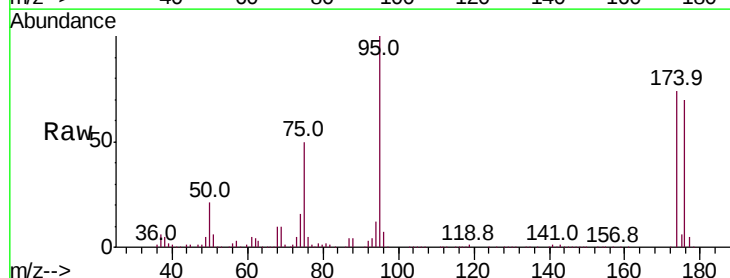
Tgt Ion: 95 Resp: 148136

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.6

176 75.6 0.0 154.8



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

11.13

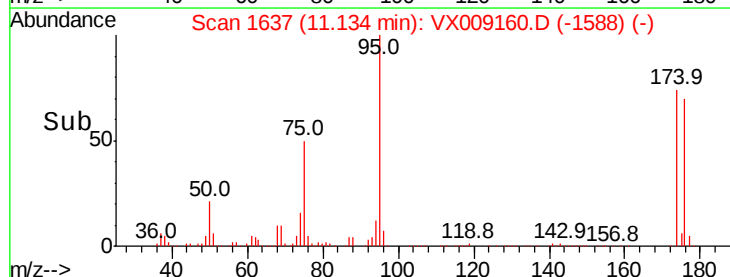
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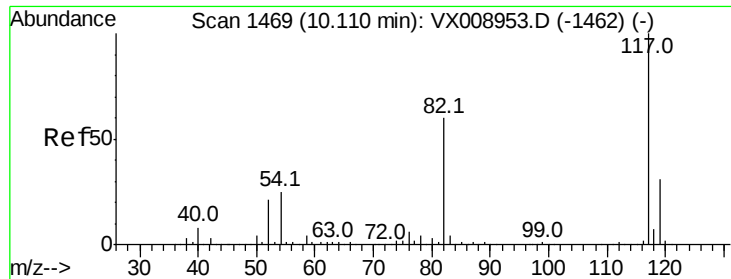
100000

50000

0

Time-->

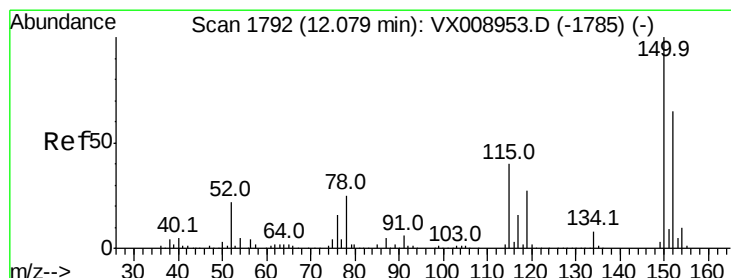
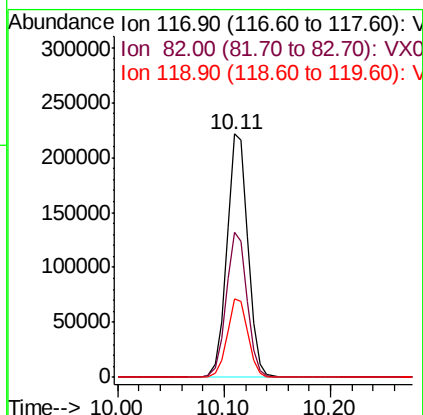
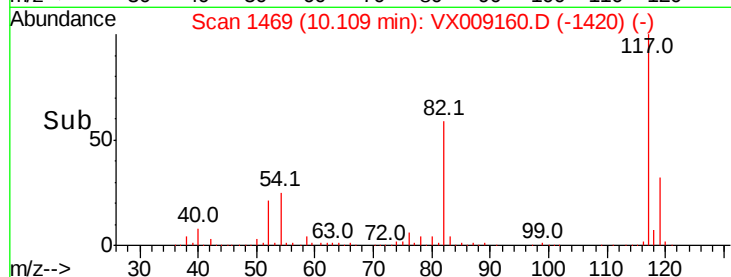
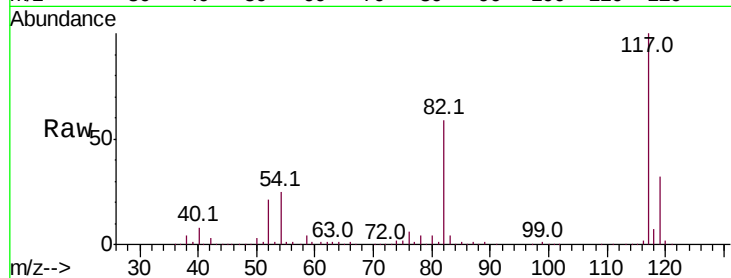




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009160.D
Acq: 25 Apr 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
S37-ER-2019-1

Tot Ion:117 Resp: 306261
Ion Ratio Lower Upper
117 100
82 59.4 48.2 72.4
119 32.1 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009160.D
Acq: 25 Apr 2019 14:22

Tgt Ion:152 Resp: 132334
Ion Ratio Lower Upper
152 100
115 58.0 41.4 124.2
150 155.8 0.0 349.8

