

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011252.D
 Acq On : 31 Jul 2019 18:50
 Operator : JC/SP
 Sample : K4026-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0675DL

Quant Time: Aug 01 03:23:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

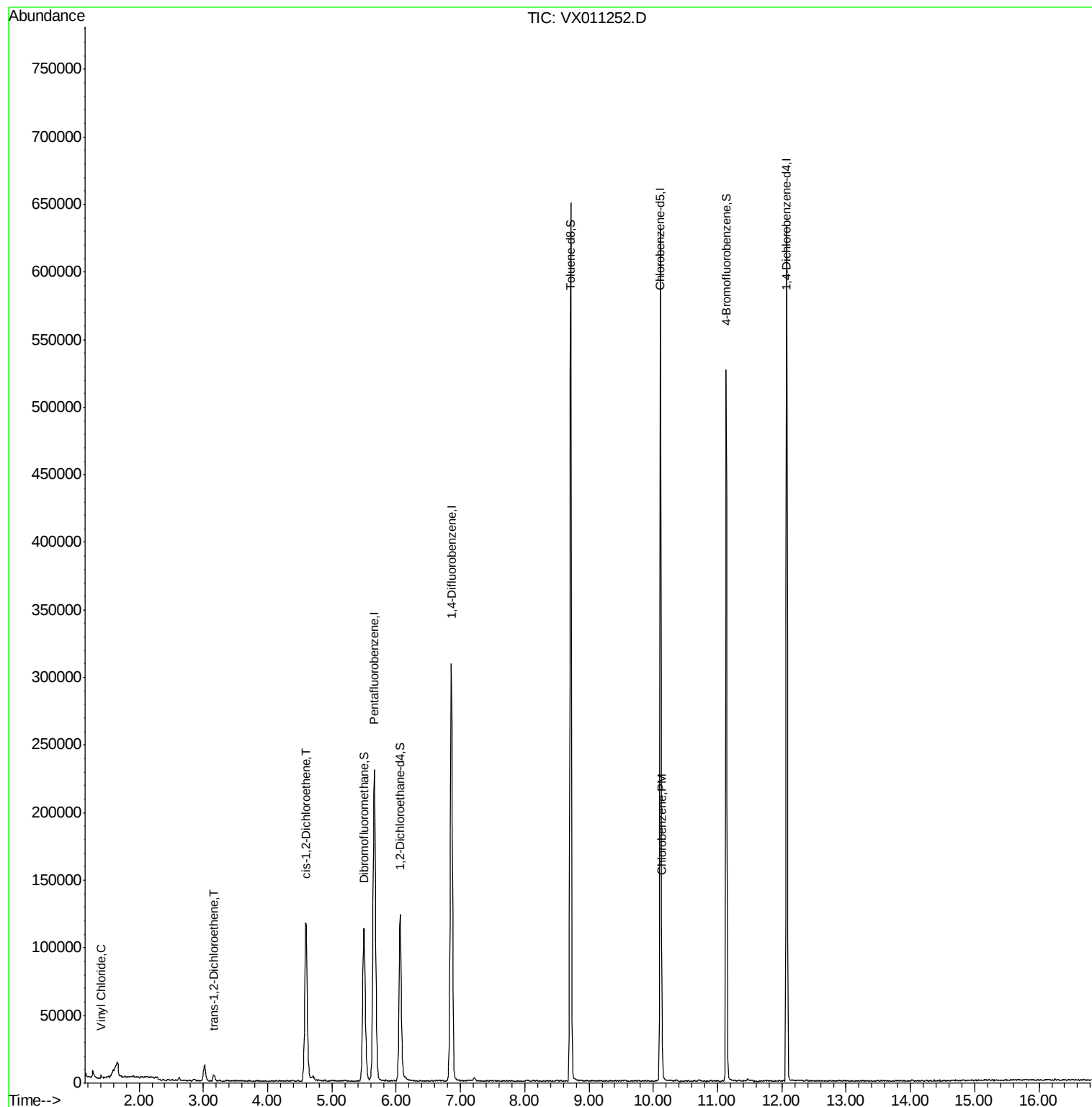
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112780	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
35) Dibromofluoromethane	5.49	113	95865	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
50) Toluene-d8	8.71	98	379359	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.13	95	127441	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	
Target Compounds						
4) Vinyl Chloride	1.41	62	1490	0.686	ug/l #	84
21) trans-1,2-Dichloroethene	3.16	96	1718	0.785	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	81938	32.333	ug/l	88
65) Chlorobenzene	10.13	112	9539	1.597	ug/l	92

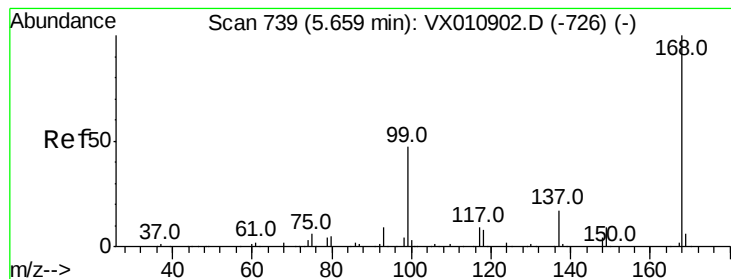
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073119\
Data File : VX011252.D
Acq On : 31 Jul 2019 18:50
Operator : JC/SP
Sample : K4026-07DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0675DL

Quant Time: Aug 01 03:23:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
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: VX011252.D

Acq: 31 Jul 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

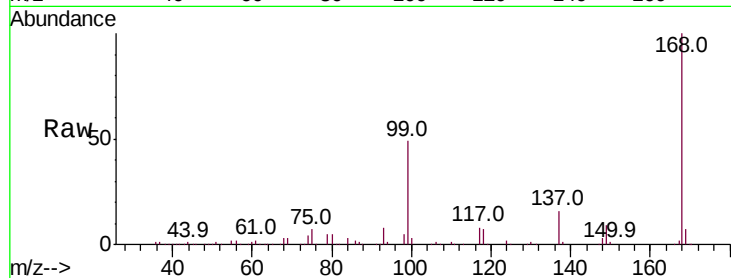
Z3-0675DL

Tot Ion:168 Resp: 231688

Ion Ratio Lower Upper

168 100

99 48.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

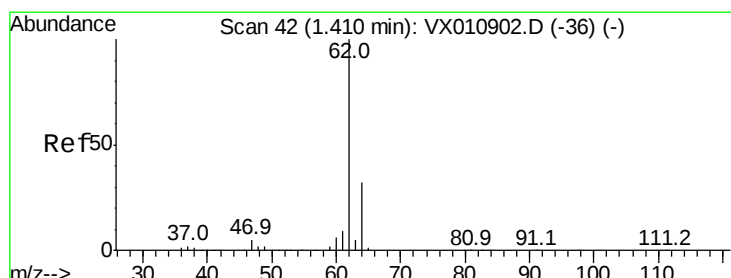
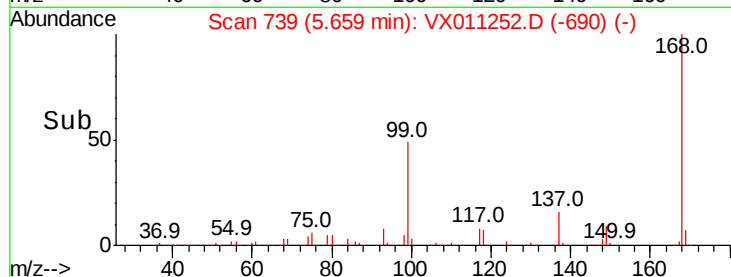
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.686 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011252.D

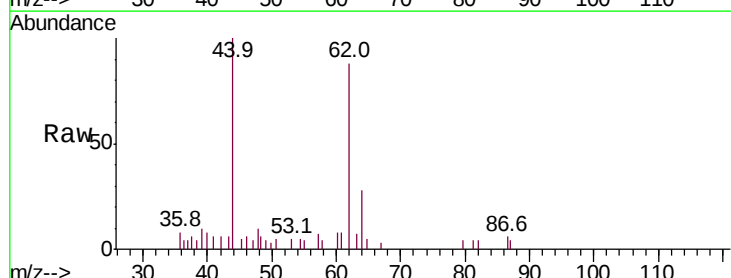
Acq: 31 Jul 2019 18:50

Tgt Ion: 62 Resp: 1490

Ion Ratio Lower Upper

62 100

64 23.3 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

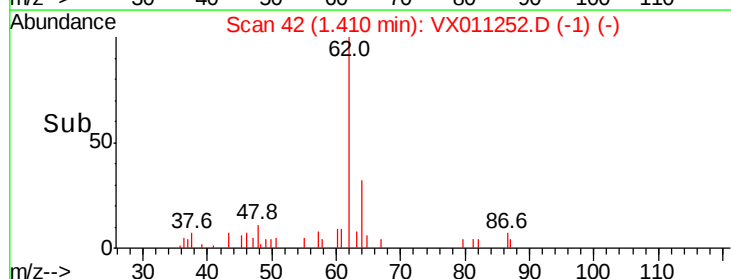
1500

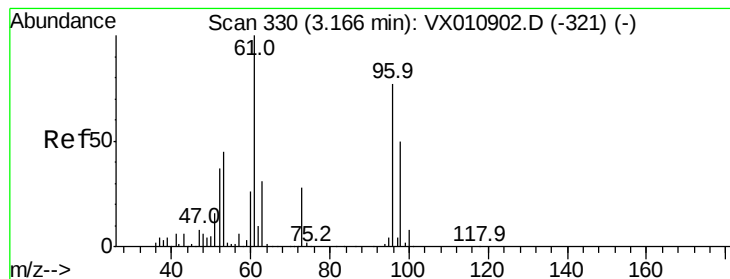
1000

500

0

Time--> 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 0.785 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX011252.D

Acq: 31 Jul 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

Z3-0675DL

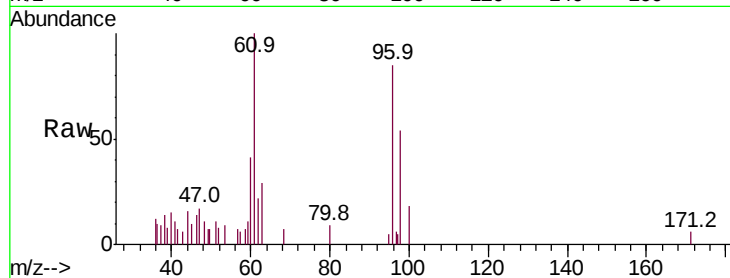
Tot Ion: 96 Resp: 1718

Ion Ratio Lower Upper

96 100

61 118.0 104.2 156.2

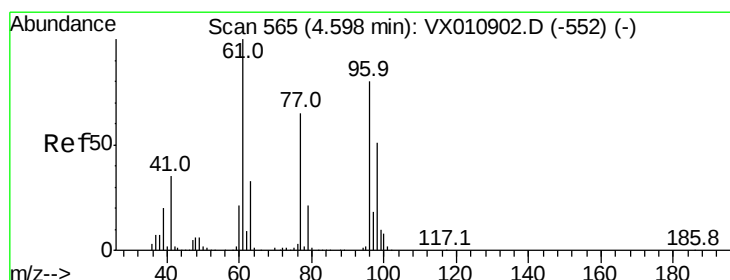
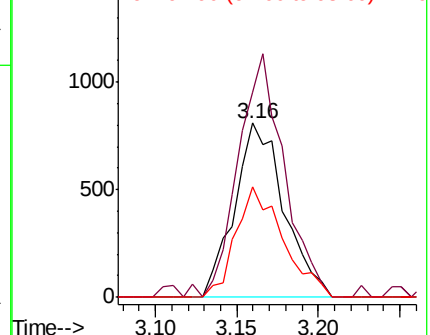
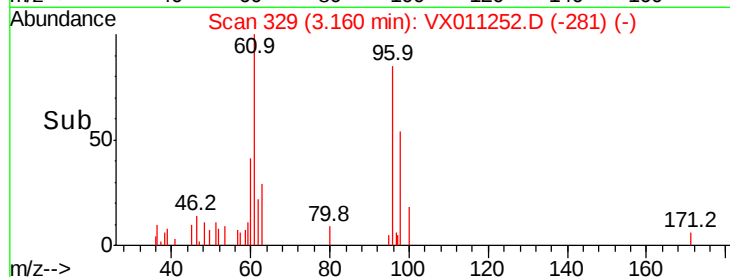
98 63.6 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 32.333 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX011252.D

Acq: 31 Jul 2019 18:50

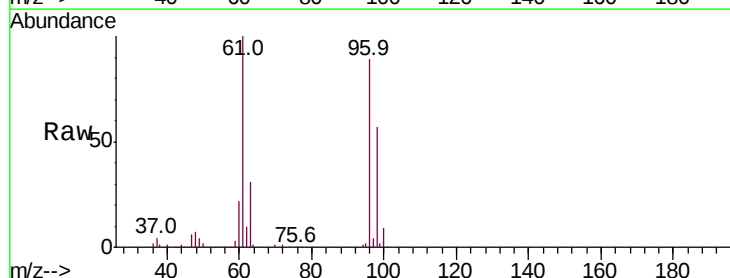
Tgt Ion: 96 Resp: 81938

Ion Ratio Lower Upper

96 100

61 114.9 0.0 269.0

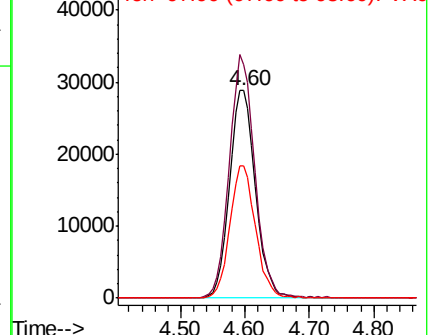
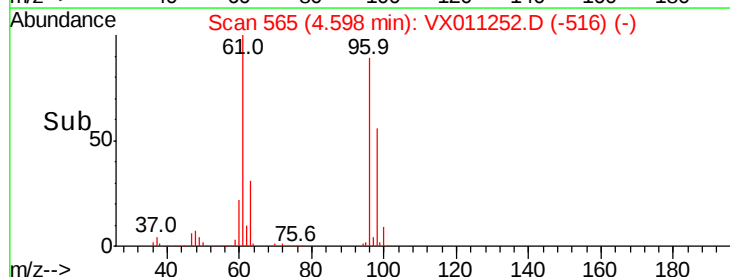
98 63.1 0.0 131.4

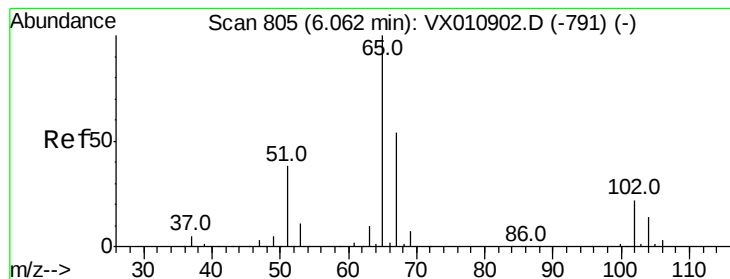


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.756 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011252.D

Acq: 31 Jul 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

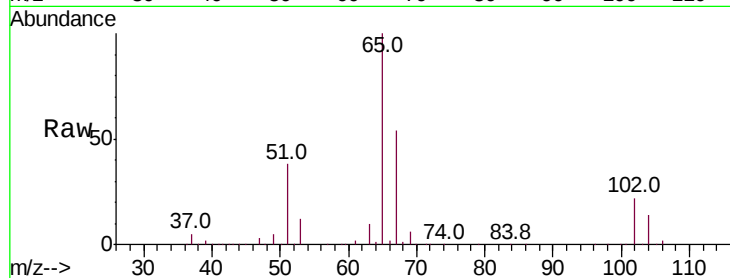
Z3-0675DL

Tot Ion: 65 Resp: 112780

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

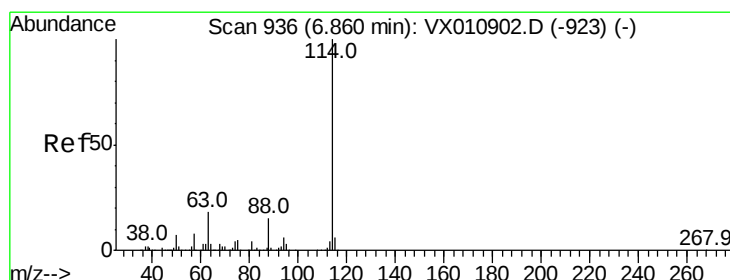
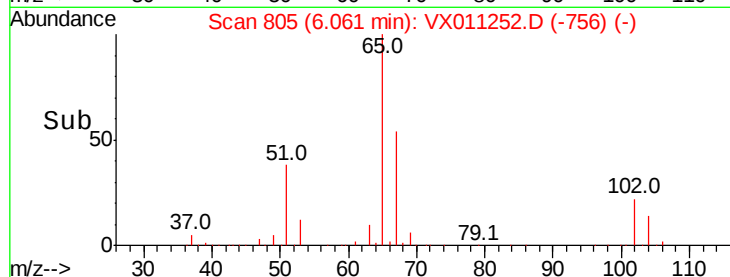
30000

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: VX011252.D

Acq: 31 Jul 2019 18:50

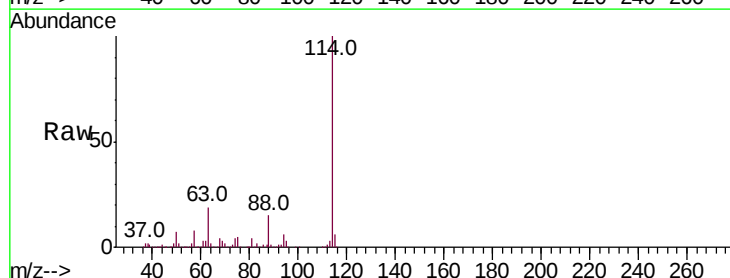
Tgt Ion:114 Resp: 326763

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

88 14.9 0.0 29.8



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

6.86

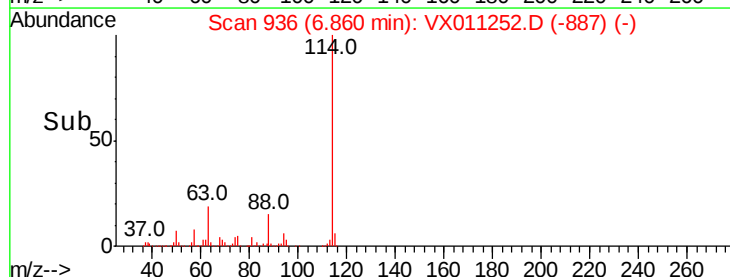
150000

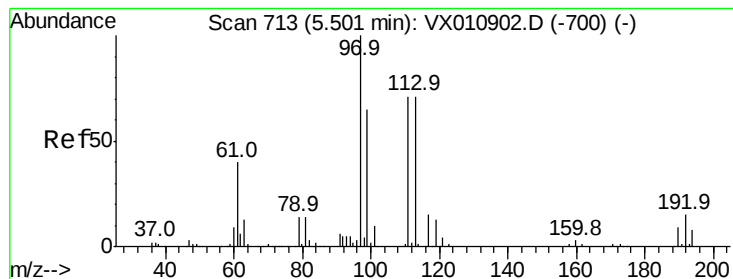
100000

50000

0

Time--> 6.80 6.90





#35

Dibromofluoromethane

Concen: 46.222 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011252.D

Acq: 31 Jul 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

Z3-0675DL

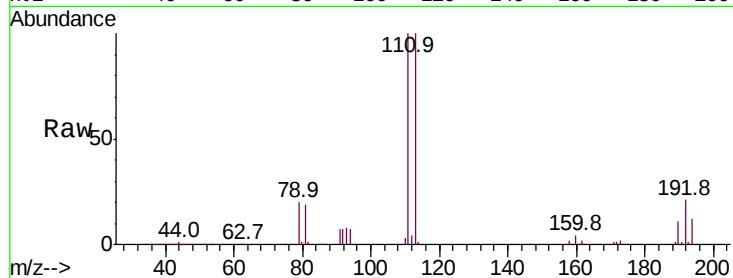
Tot Ion:113 Resp: 95865

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

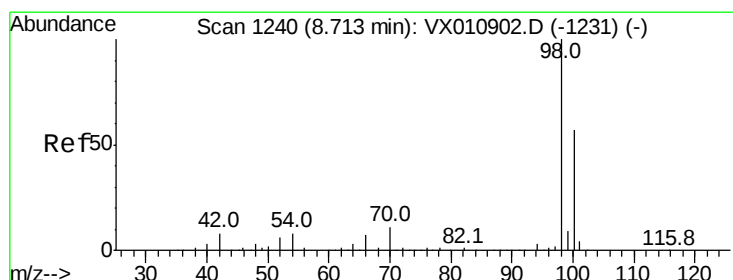
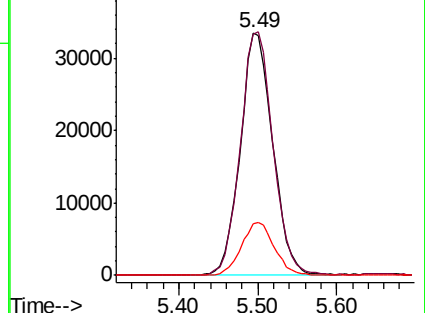
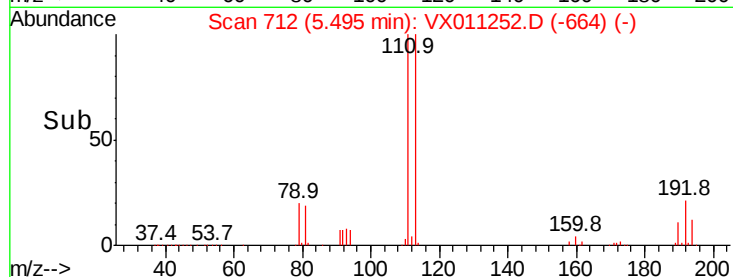
192 22.0 17.4 26.2



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: 48.767 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011252.D

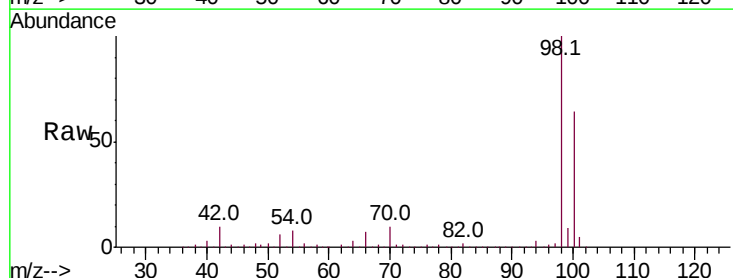
Acq: 31 Jul 2019 18:50

Tgt Ion: 98 Resp: 379359

Ion Ratio Lower Upper

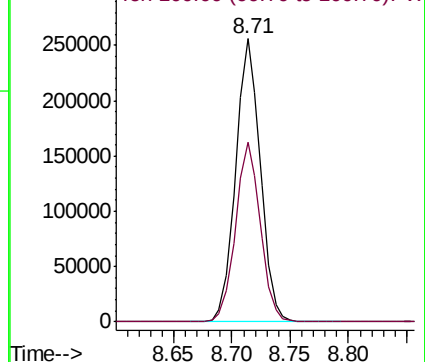
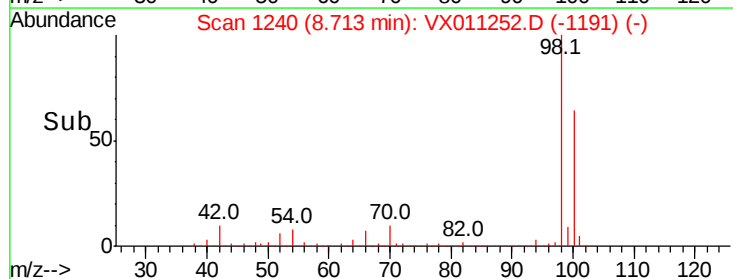
98 100

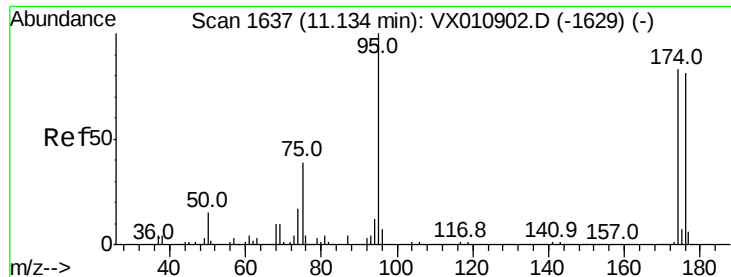
100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.571 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011252.D

Acq: 31 Jul 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

Z3-0675DL

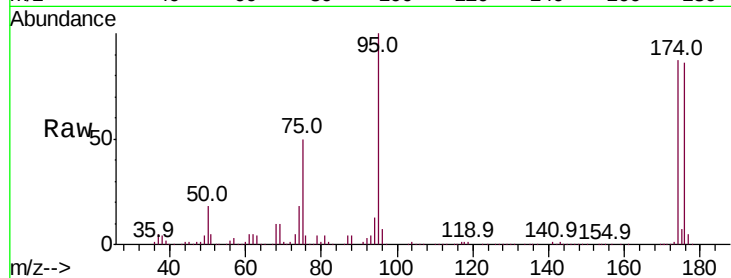
Tot Ion: 95 Resp: 127441

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.6

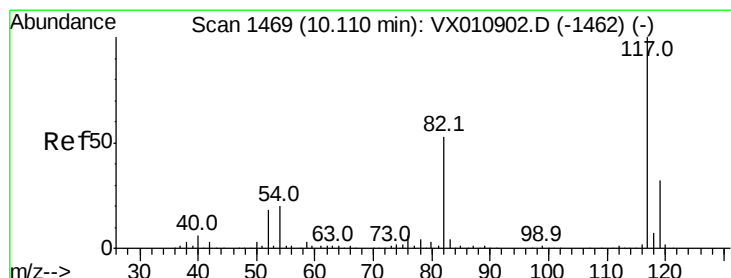
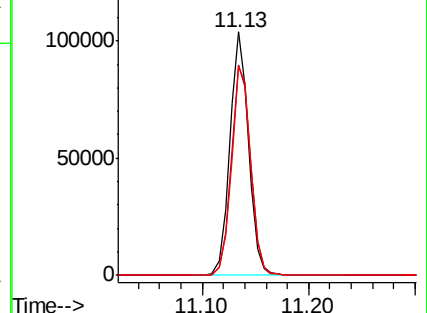
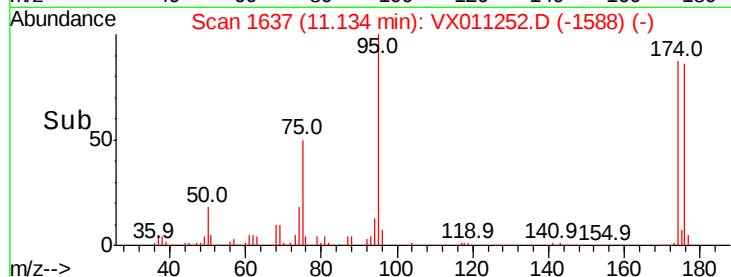
176 88.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011252.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011252.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011252.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011252.D

Acq: 31 Jul 2019 18:50

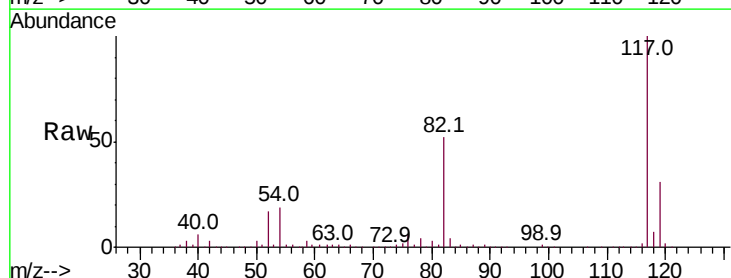
Tgt Ion: 117 Resp: 290837

Ion Ratio Lower Upper

117 100

82 51.9 42.6 63.8

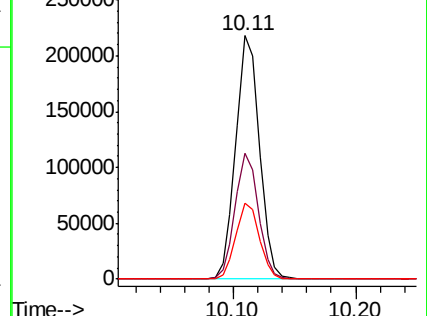
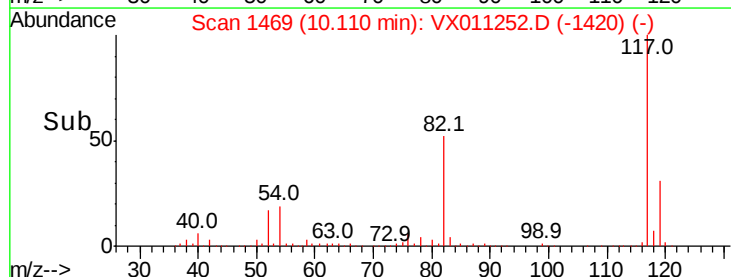
119 30.9 25.9 38.9

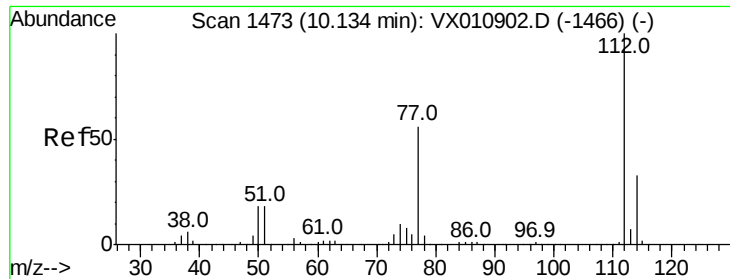


Abundance Ion 116.90 (116.60 to 117.60): VX011252.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011252.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011252.D (-1420) (-)

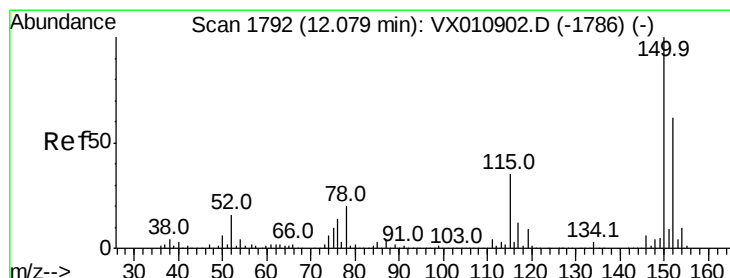
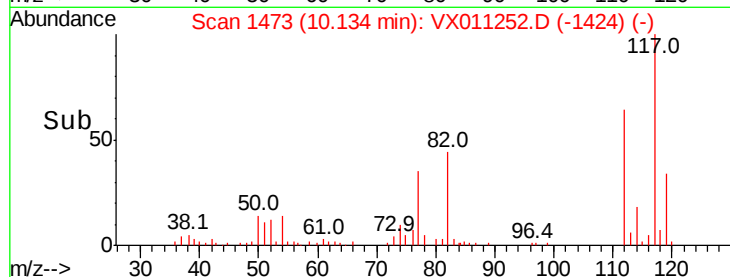
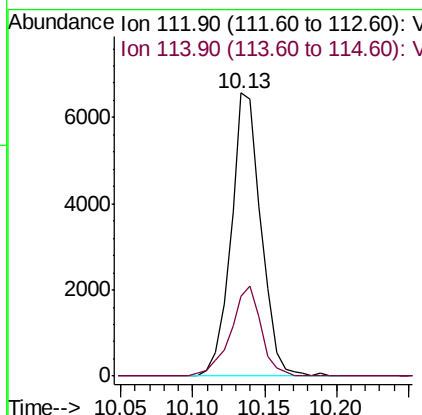
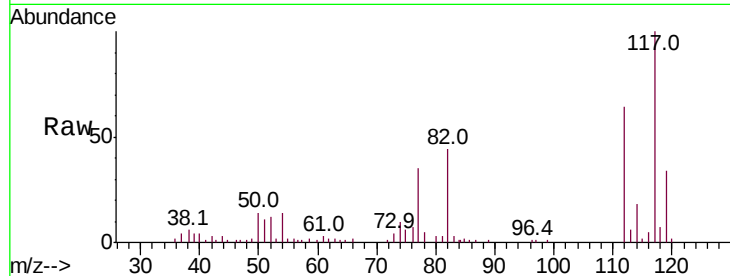




#65
Chlorobenzene
Concen: 1.597 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011252.D
Acq: 31 Jul 2019 18:50

Instrument :
MSVOA_X
ClientSampleId :
Z3-0675DL

Tot Ion:112 Resp: 9539
Ion Ratio Lower Upper
112 100
114 28.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011252.D
Acq: 31 Jul 2019 18:50

Tgt Ion:152 Resp: 134781
Ion Ratio Lower Upper
152 100
115 55.9 39.7 119.1
150 158.2 0.0 345.6

