

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011151.D
 Acq On : 29 Jul 2019 17:22
 Operator : JC/SP
 Sample : K4026-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0675

Quant Time: Jul 30 05:57:25 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

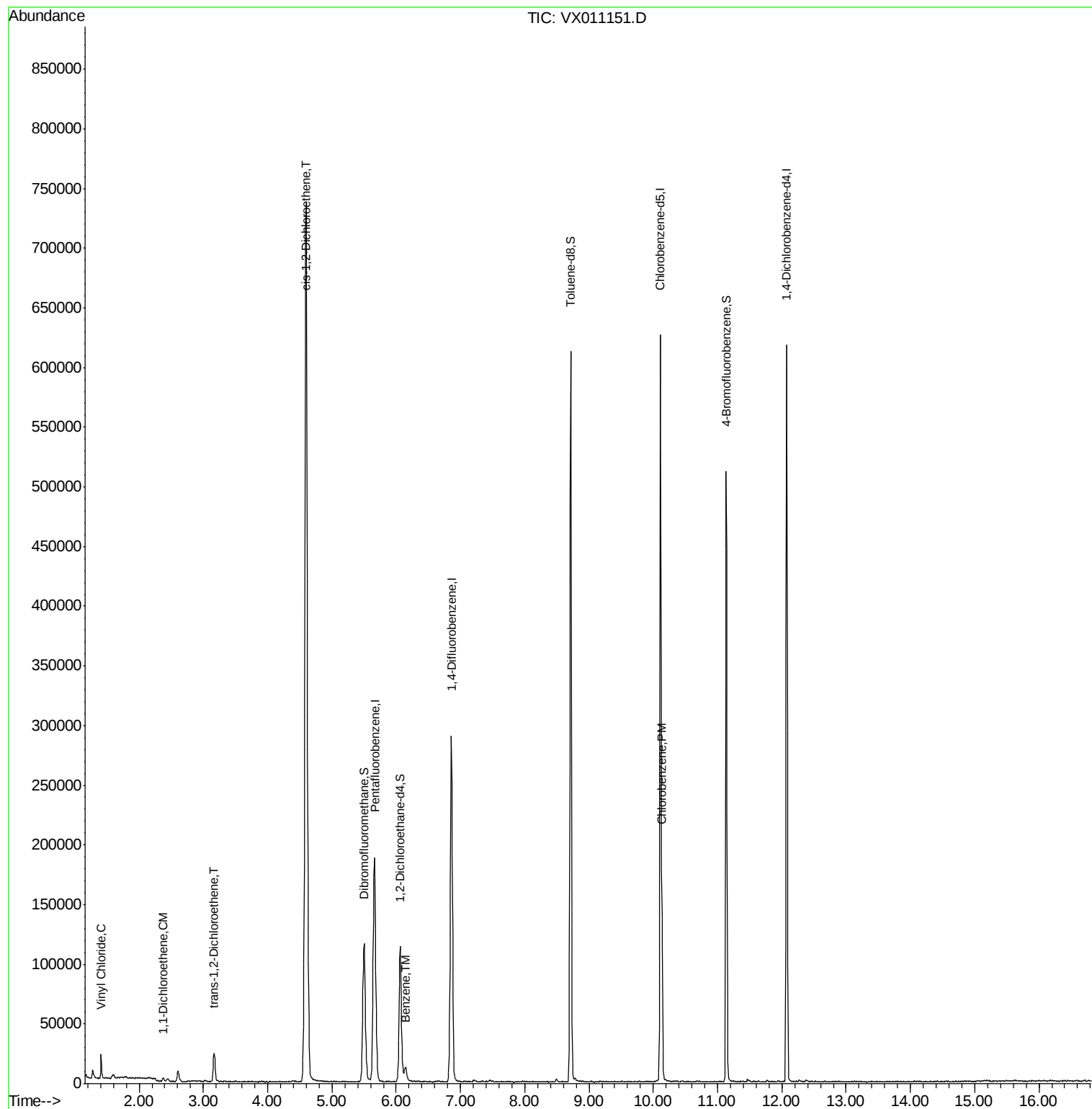
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104698	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	5.50	113	95601	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	8.71	98	366555	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.13	95	125372	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
Target Compounds						
4) Vinyl Chloride	1.41	62	12920	7.265	ug/l	99
12) 1,1-Dichloroethene	2.38	96	873	0.517	ug/l	84
21) trans-1,2-Dichloroethene	3.17	96	10572	5.900	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	497518	239.920	ug/l	89
40) Benzene	6.14	78	14162	1.860	ug/l	100
65) Chlorobenzene	10.13	112	52636	9.011	ug/l	99

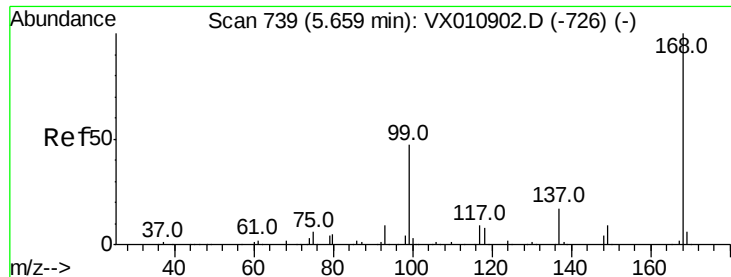
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011151.D
Acq On : 29 Jul 2019 17:22
Operator : JC/SP
Sample : K4026-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0675

Quant Time: Jul 30 05:57:25 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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011151.D

Acq: 29 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

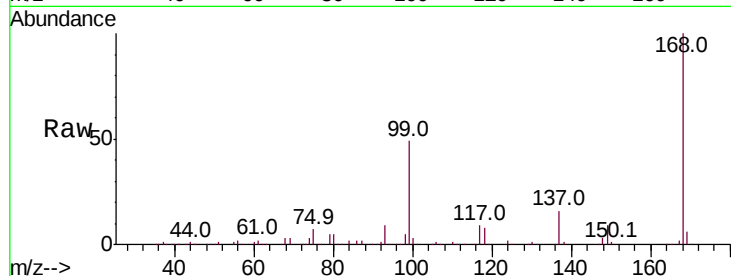
Z3-0675

Tot Ion:168 Resp: 189586

Ion Ratio Lower Upper

168 100

99 48.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

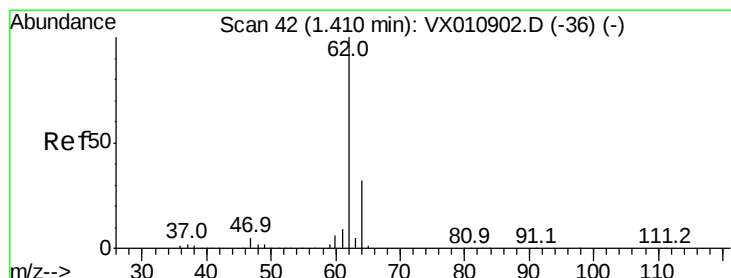
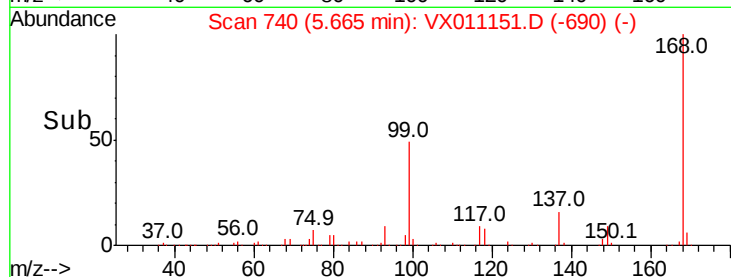
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 7.265 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011151.D

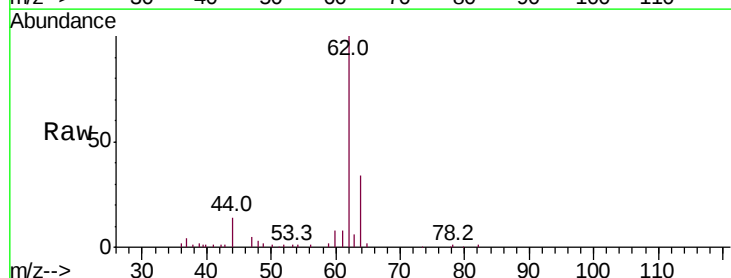
Acq: 29 Jul 2019 17:22

Tgt Ion: 62 Resp: 12920

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

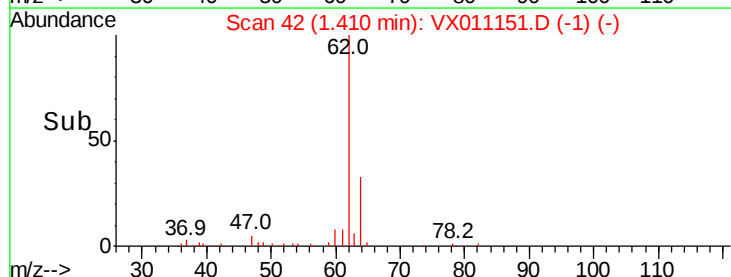
1.41

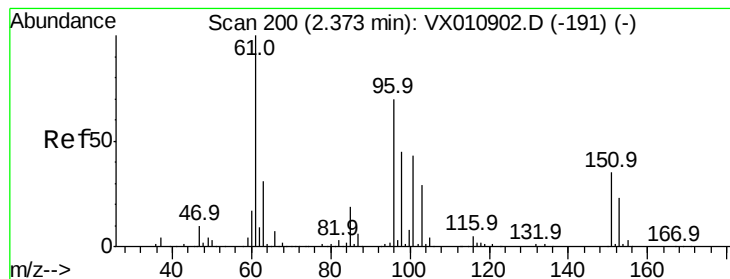
10000

5000

0

Time--> 1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 0.517 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011151.D

Acq: 29 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
Z3-0675

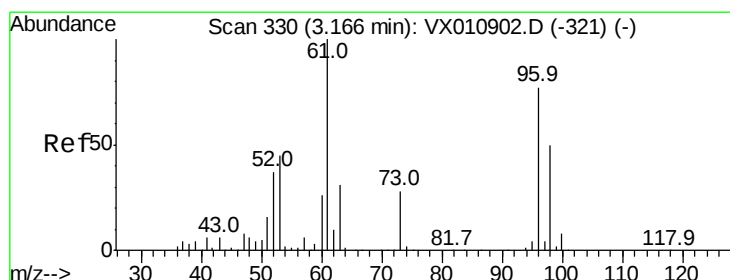
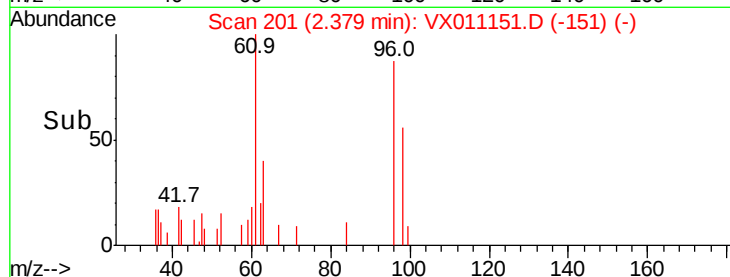
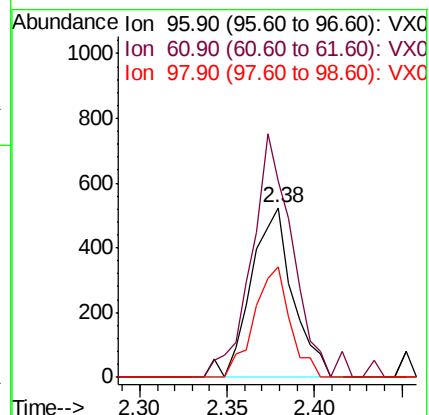
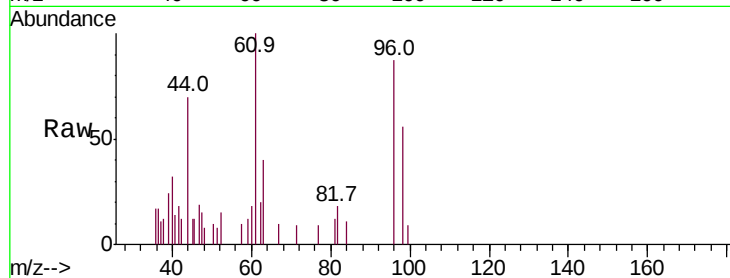
Tot Ion: 96 Resp: 873

Ion Ratio Lower Upper

96 100

61 115.2 115.0 172.4

98 65.0 52.2 78.2



#21

trans-1,2-Dichloroethene

Concen: 5.900 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011151.D

Acq: 29 Jul 2019 17:22

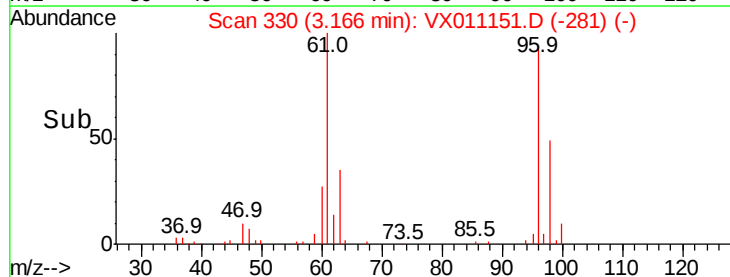
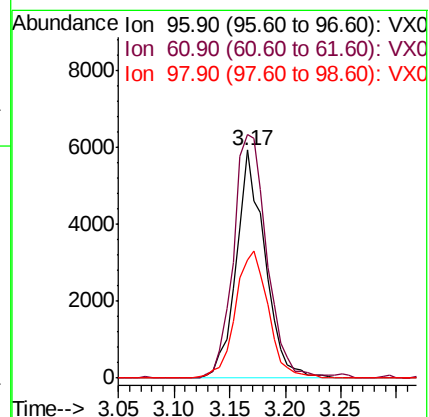
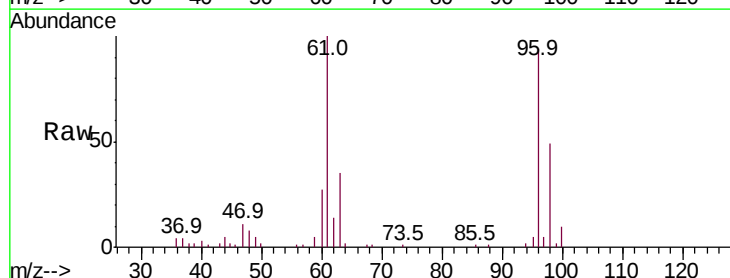
Tgt Ion: 96 Resp: 10572

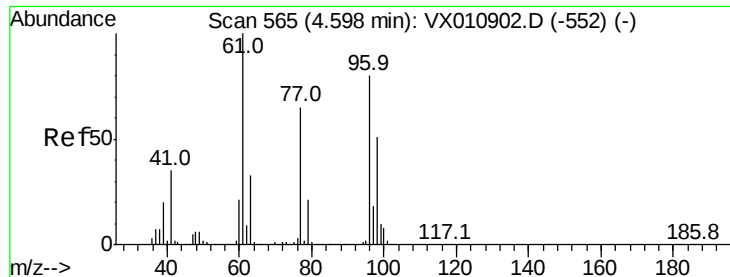
Ion Ratio Lower Upper

96 100

61 106.8 104.2 156.2

98 52.0 52.2 78.4#



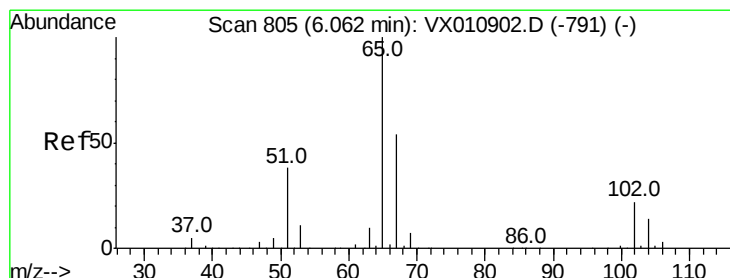
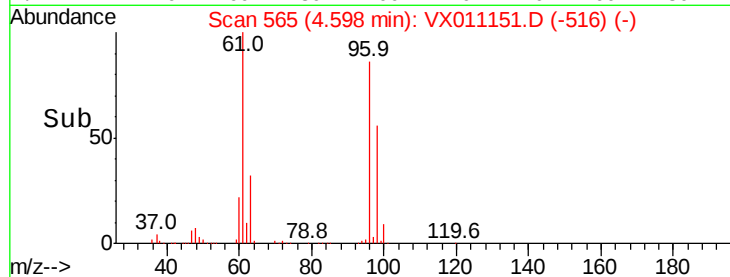
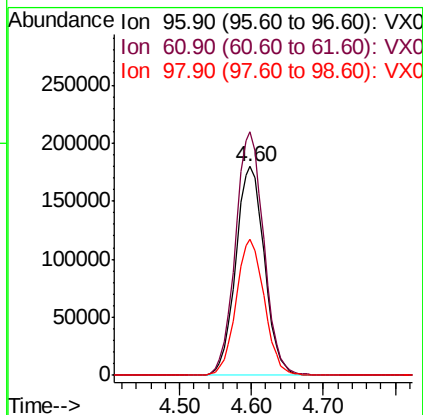
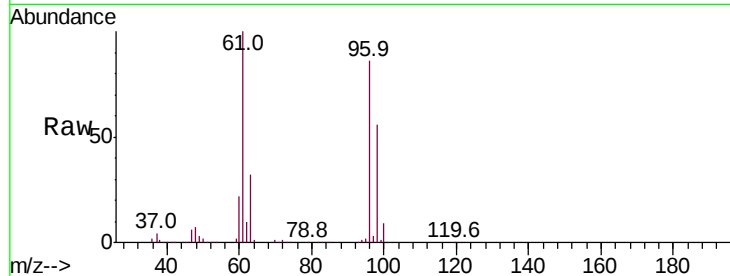


#27

cis-1,2-Dichloroethene
Concen: 239.920 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX011151.D
Acq: 29 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
Z3-0675

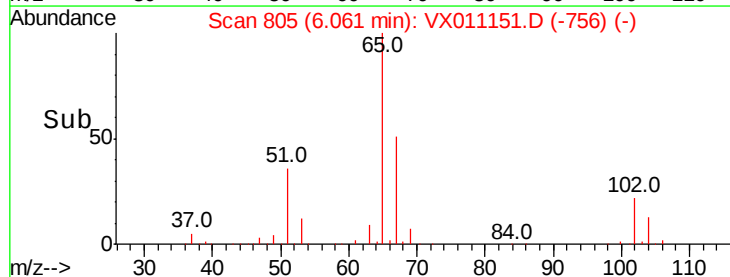
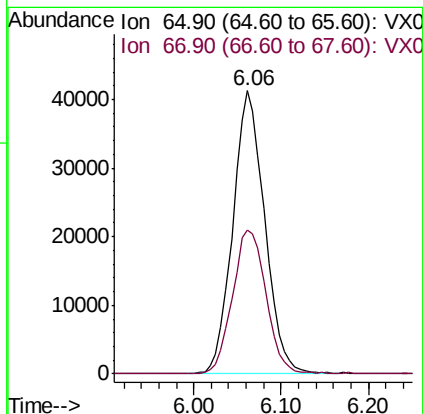
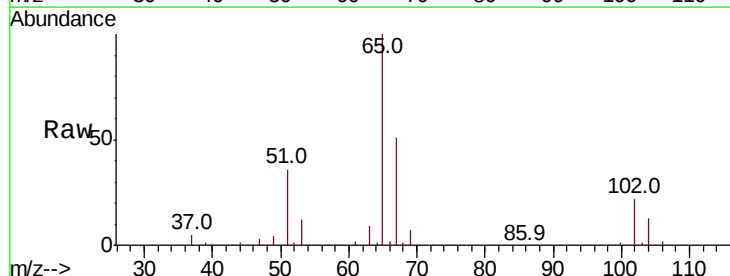
Tot Ion	96	Resp	497518
Ion	Ratio	Lower	Upper
96	100		
61	115.3	0.0	269.0
98	64.2	0.0	131.4

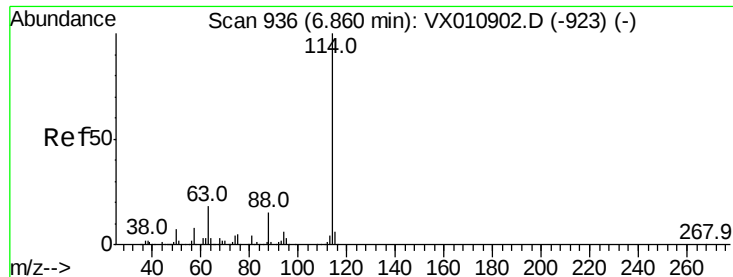


#33

1,2-Dichloroethane-d4
Concen: 51.910 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011151.D
Acq: 29 Jul 2019 17:22

Tgt Ion	65	Resp	104698
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011151.D

Acq: 29 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

Z3-0675

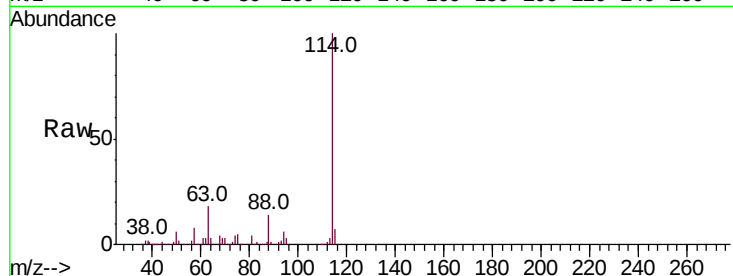
Tot Ion:114 Resp: 302673

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

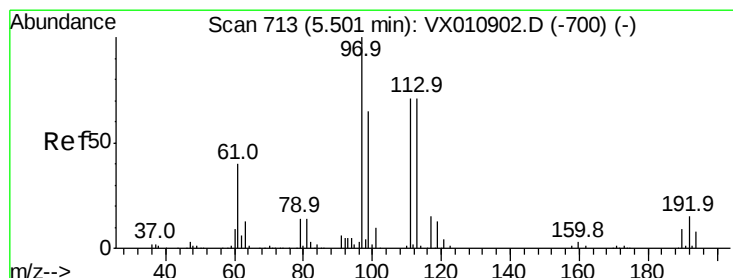
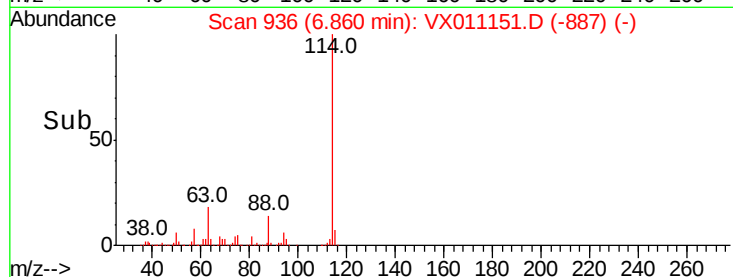
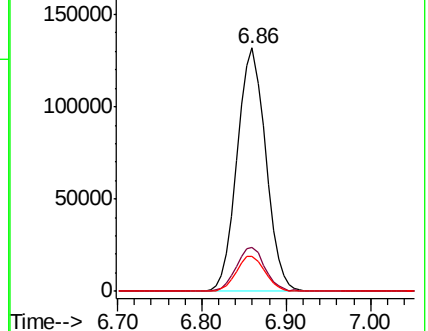
88 14.5 0.0 29.8



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



#35

Dibromofluoromethane

Concen: 49.763 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011151.D

Acq: 29 Jul 2019 17:22

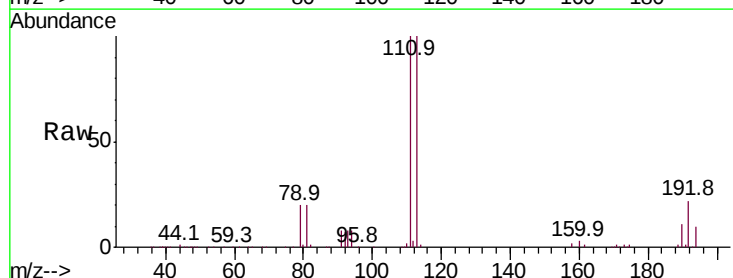
Tgt Ion:113 Resp: 95601

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

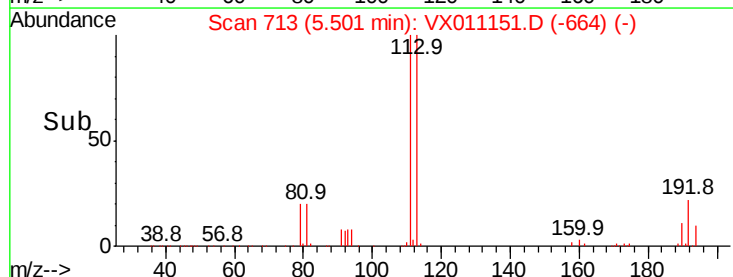
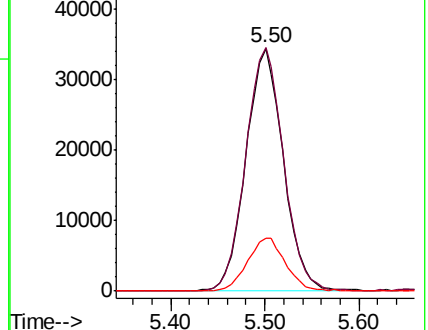
192 22.4 17.4 26.2

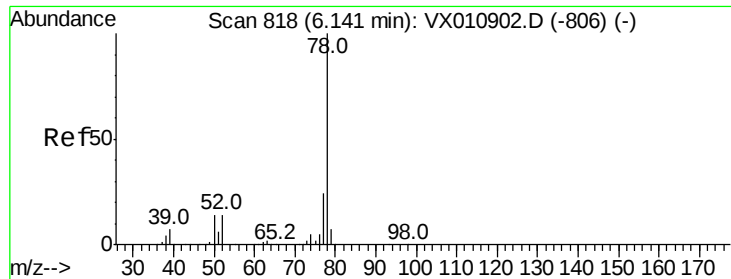


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.860 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX011151.D

Acq: 29 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

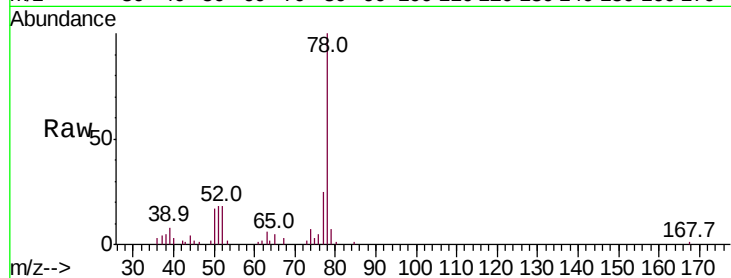
Z3-0675

Tot Ion: 78 Resp: 14162

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6000

5000

4000

3000

2000

1000

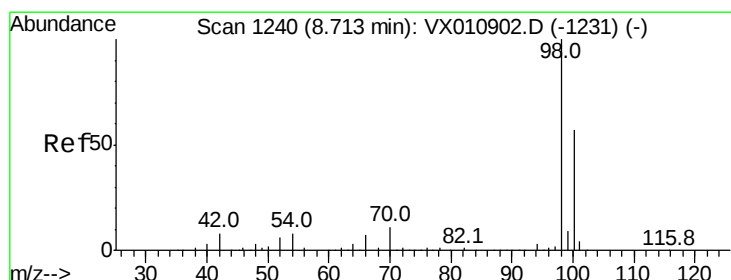
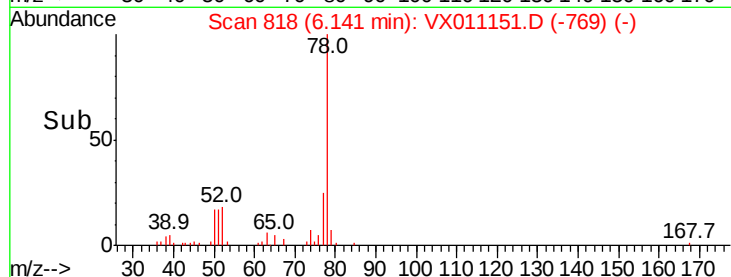
0

Time-->

6.00

6.10

6.20



#50

Toluene-d8

Concen: 50.872 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011151.D

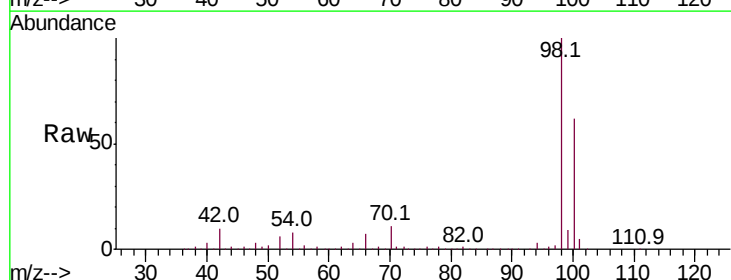
Acq: 29 Jul 2019 17:22

Tgt Ion: 98 Resp: 366555

Ion Ratio Lower Upper

98 100

100 63.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

50000

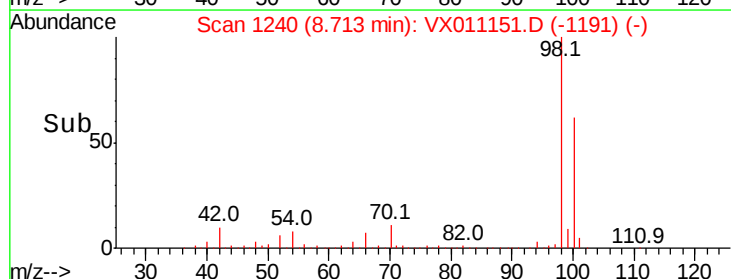
0

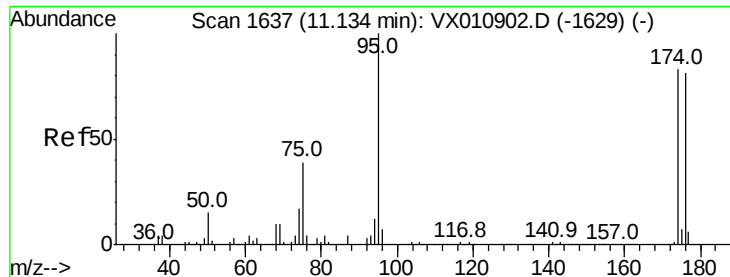
Time-->

8.60

8.70

8.80





#62

4-Bromofluorobenzene

Concen: 47.337 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011151.D

Acq: 29 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

Z3-0675

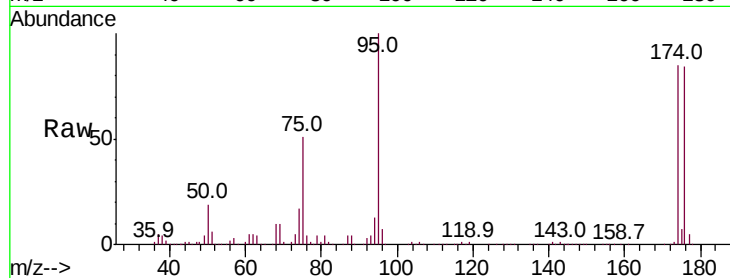
Tot Ion: 95 Resp: 125372

Ion Ratio Lower Upper

95 100

174 91.3 0.0 180.6

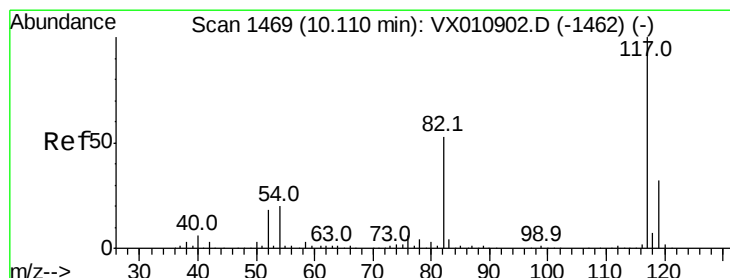
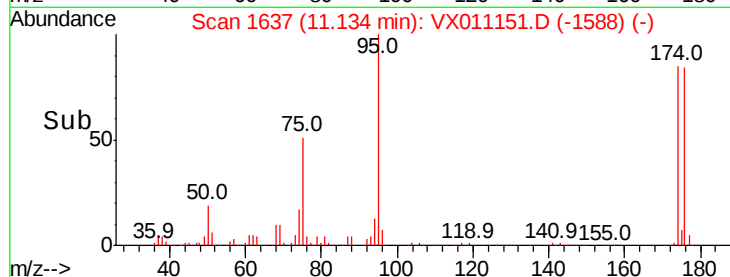
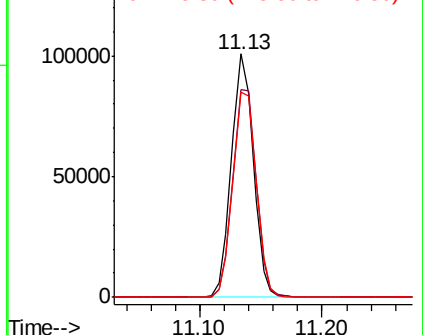
176 90.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011151.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011151.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011151.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011151.D

Acq: 29 Jul 2019 17:22

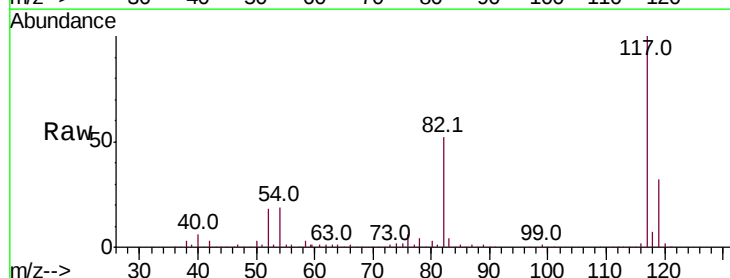
Tgt Ion: 117 Resp: 284408

Ion Ratio Lower Upper

117 100

82 52.0 42.6 63.8

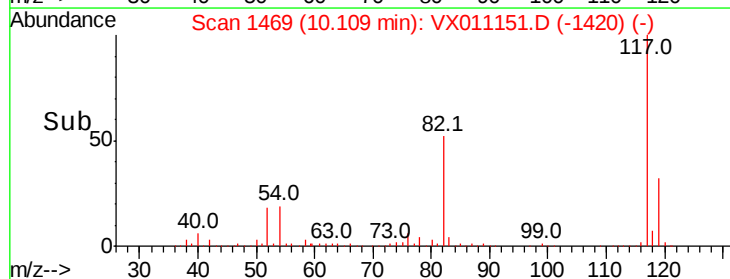
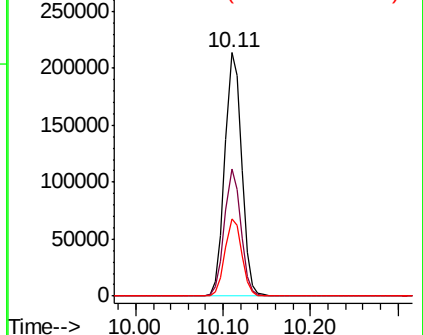
119 31.9 25.9 38.9

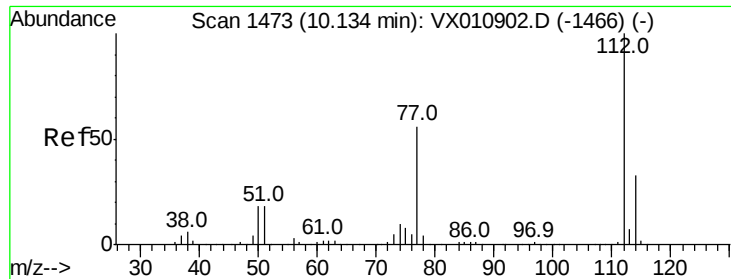


Abundance Ion 116.90 (116.60 to 117.60): VX011151.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011151.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011151.D (-1420) (-)

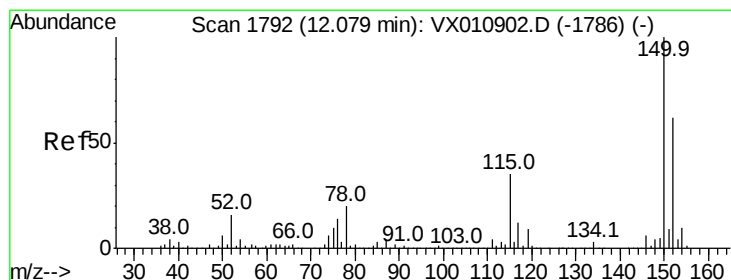
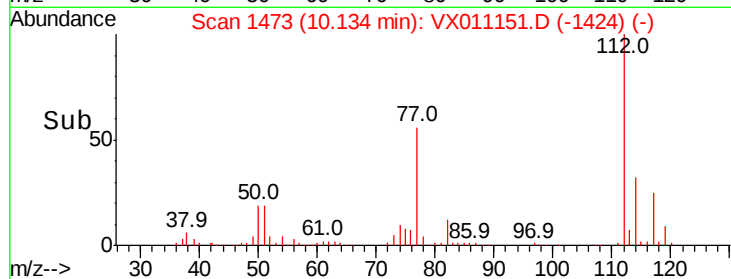
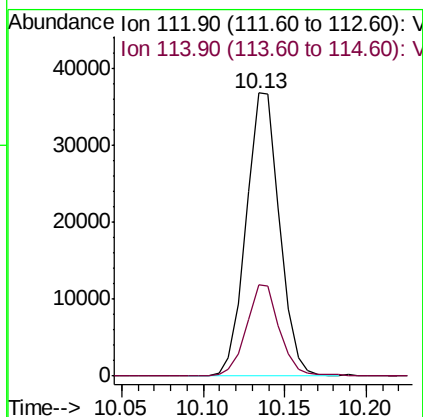
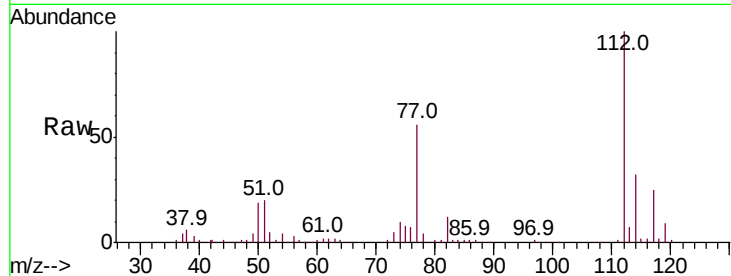




#65
Chlorobenzene
Concen: 9.011 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011151.D
Acq: 29 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampled :
Z3-0675

Tot Ion:112 Resp: 52636
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011151.D
Acq: 29 Jul 2019 17:22

Tgt Ion:152 Resp: 129471
Ion Ratio Lower Upper
152 100
115 56.3 39.7 119.1
150 156.4 0.0 345.6

