

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008706.D
 Acq On : 06 Apr 2019 00:45
 Operator : JC/SP
 Sample : K2296-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0702

Quant Time: Apr 06 03:48:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	209578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129377	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	143495	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
35) Dibromofluoromethane	5.50	113	105068	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	8.71	98	441234	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	149366	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	

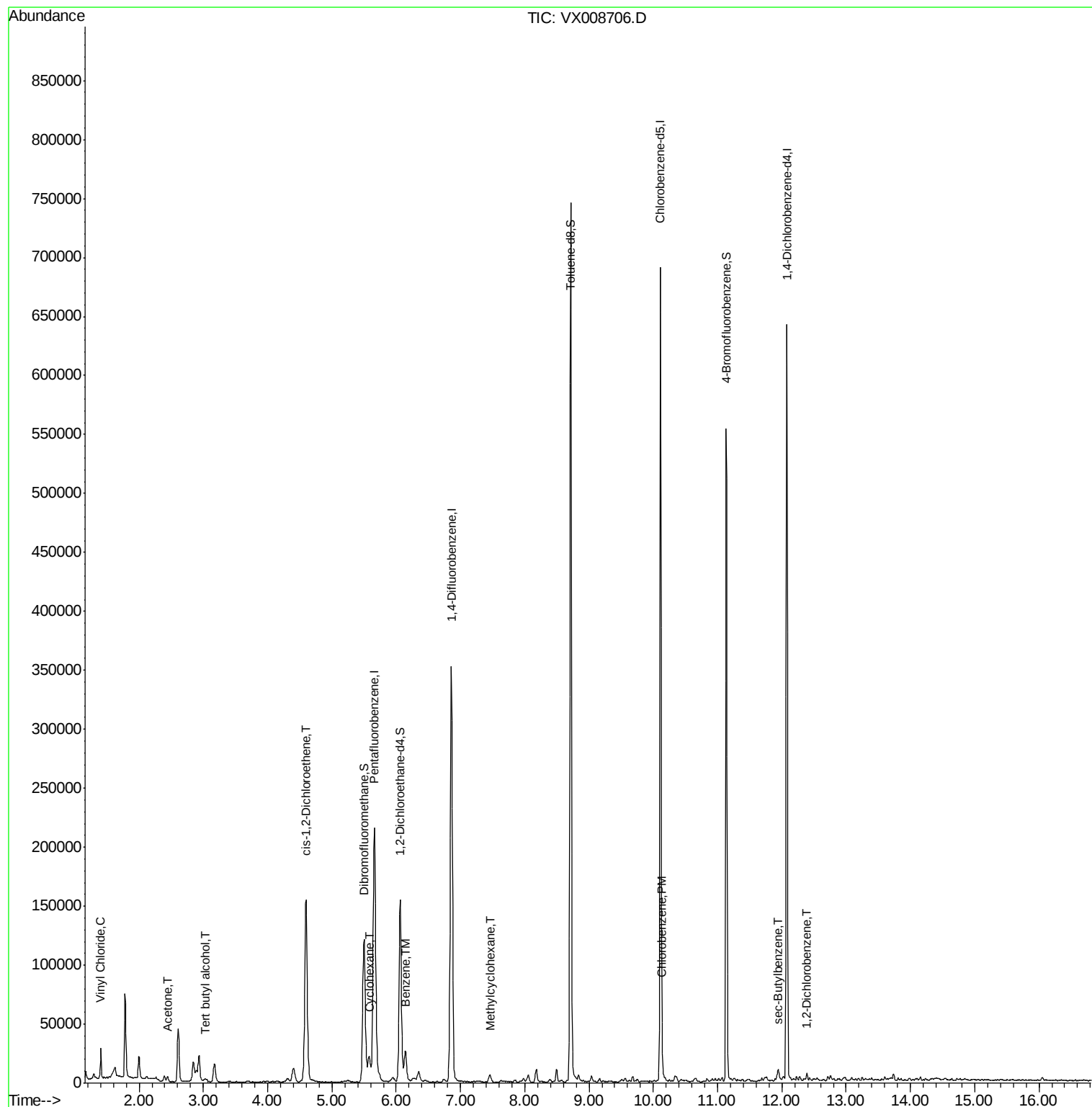
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	3748	1.149	ug/l	90
11) Tert butyl alcohol	3.03	59	3245	4.534	ug/l #	94
16) Acetone	2.44	43	4809	2.731	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	97368	32.314	ug/l	89
31) Cyclohexane	5.58	56	15854	3.002	ug/l	97
39) Methylcyclohexane	7.46	83	2478	0.526	ug/l	93
40) Benzene	6.14	78	29822	2.624	ug/l	97
65) Chlorobenzene	10.14	112	3619	0.535	ug/l	100
85) sec-Butylbenzene	11.94	105	3262	0.317	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	1478	0.323	ug/l	95

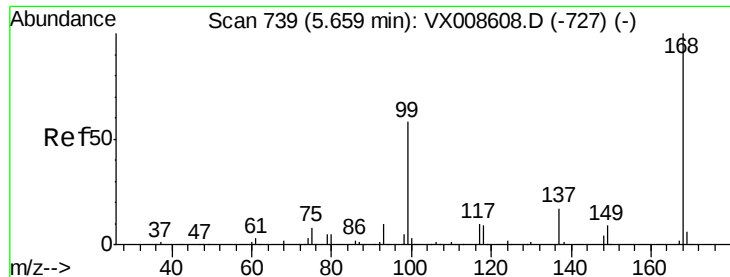
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
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Quant Time: Apr 06 03:48:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 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: VX008706.D

Acq: 06 Apr 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

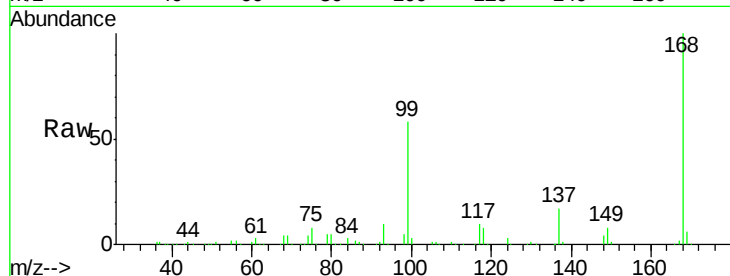
S8-0702

Tgt Ion:168 Resp: 209578

Ion Ratio Lower Upper

168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

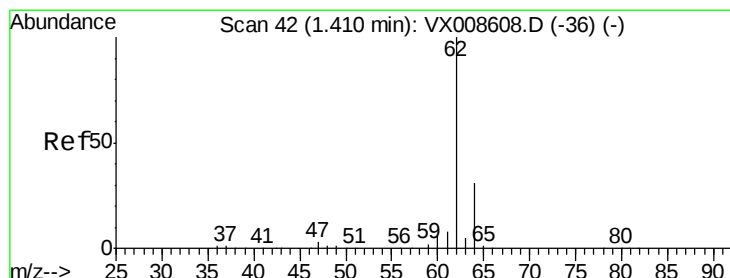
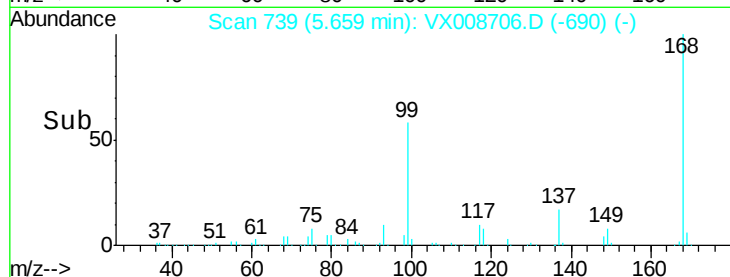
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.149 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008706.D

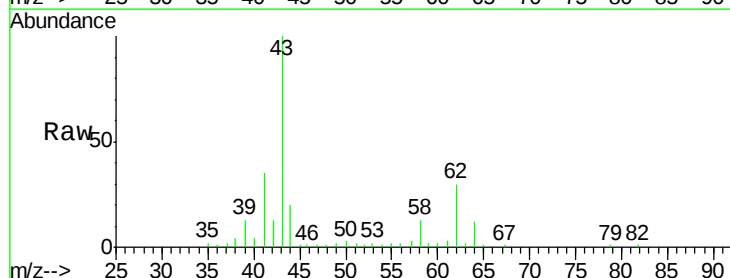
Acq: 06 Apr 2019 00:45

Tgt Ion: 62 Resp: 3748

Ion Ratio Lower Upper

62 100

64 36.5 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

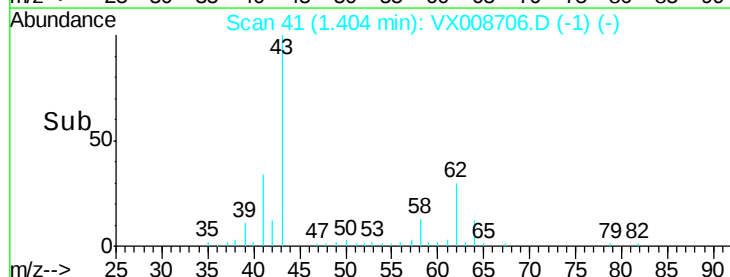
3000

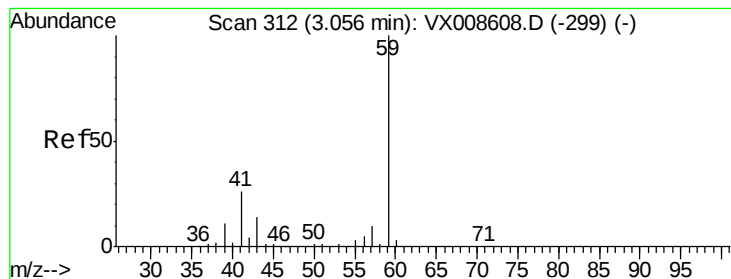
2000

1000

0

Time--> 1.35 1.40 1.45



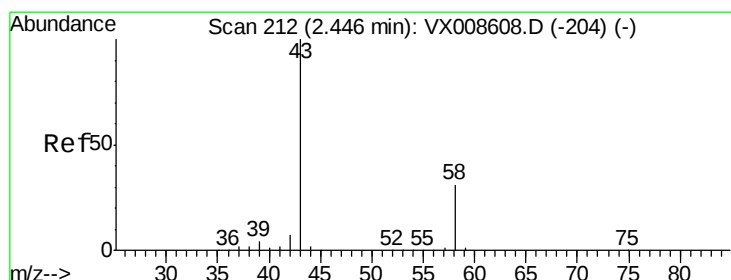
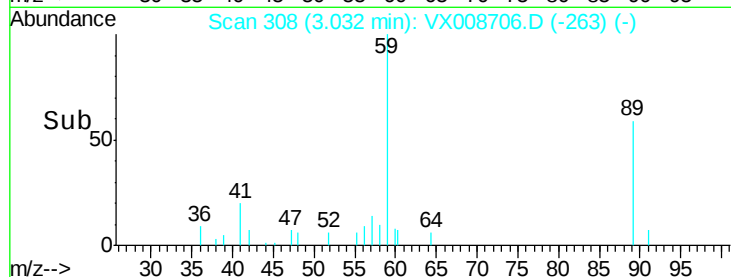
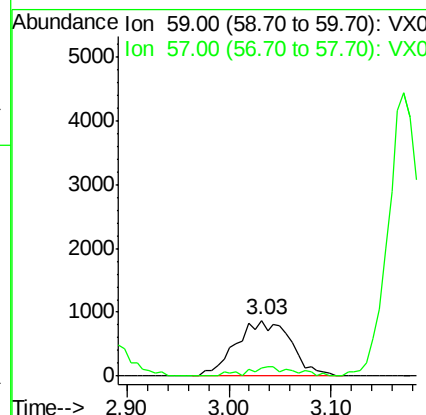
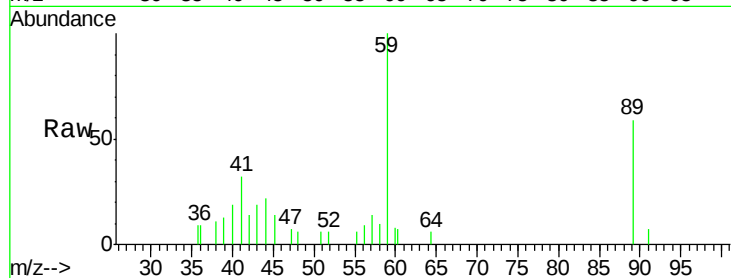


#11

Tert butyl alcohol
 Concen: 4.534 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.02 min
 Lab File: VX008706.D
 Acq: 06 Apr 2019 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0702

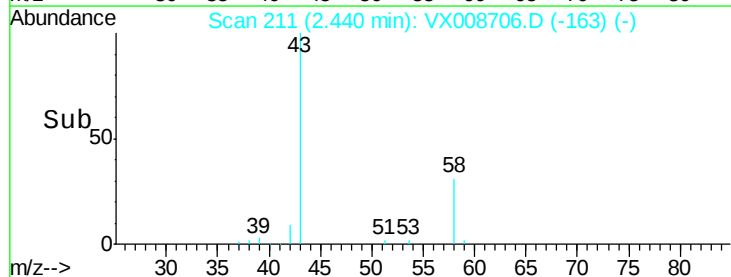
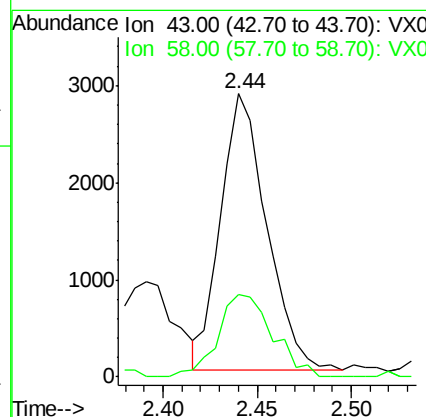
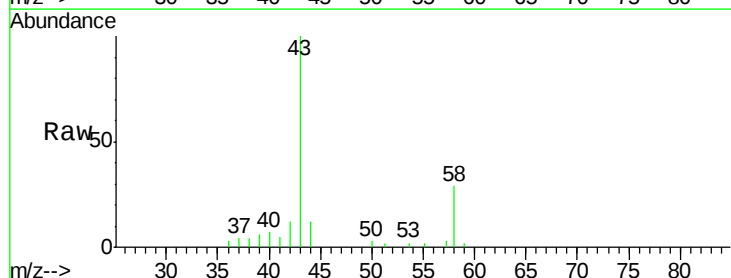
Tgt Ion: 59 Resp: 3245
 Ion Ratio Lower Upper
 59 100
 57 12.6 8.3 12.5#

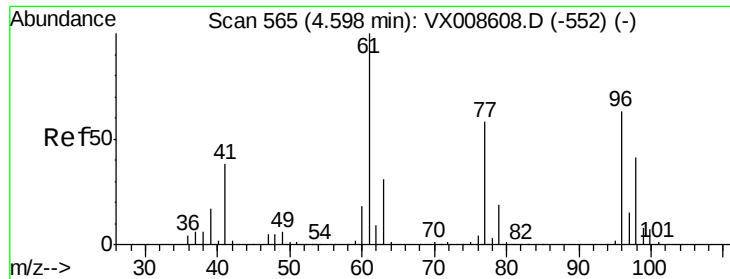


#16

Acetone
 Concen: 2.731 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX008706.D
 Acq: 06 Apr 2019 00:45

Tgt Ion: 43 Resp: 4809
 Ion Ratio Lower Upper
 43 100
 58 30.0 24.8 37.2



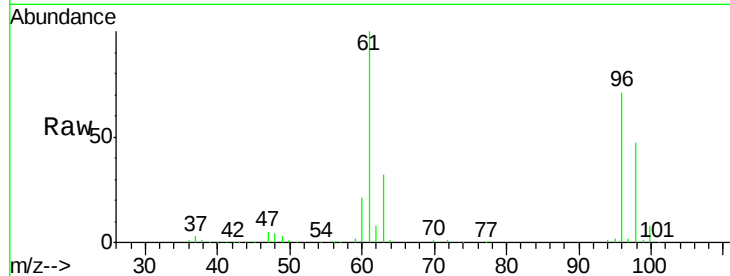


#27

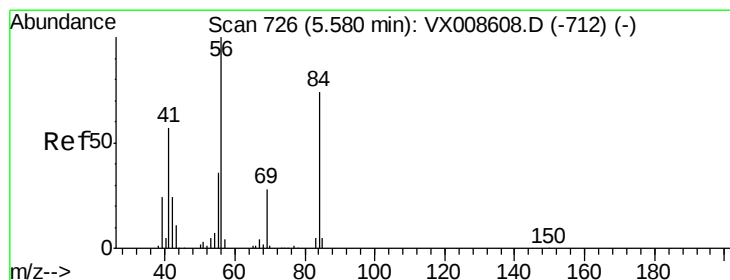
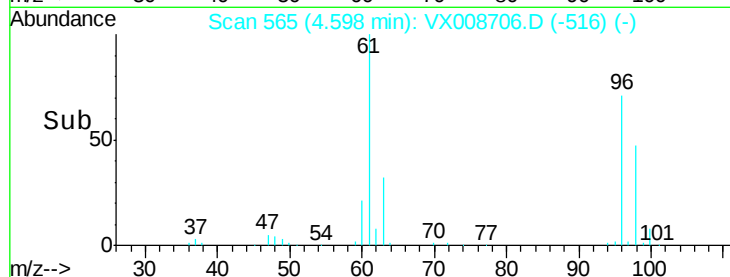
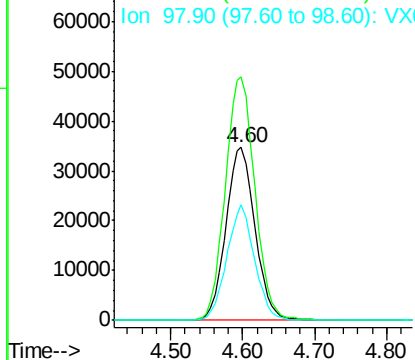
cis-1,2-Dichloroethene
 Concen: 32.314 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008706.D
 Acq: 06 Apr 2019 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0702

Tgt Ion: 96 Resp: 97368
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 327.6
 98 63.8 0.0 128.6



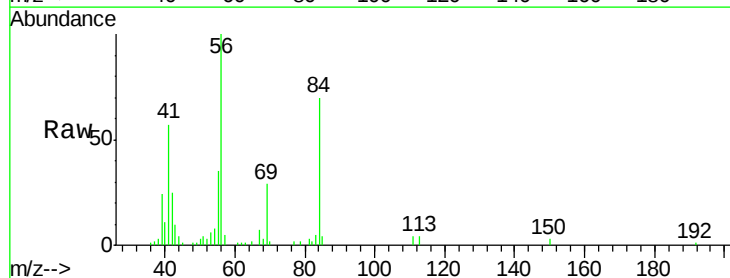
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



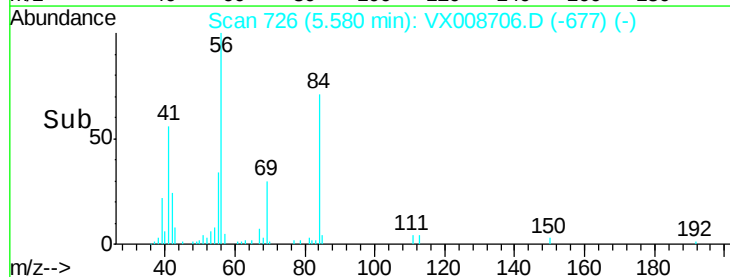
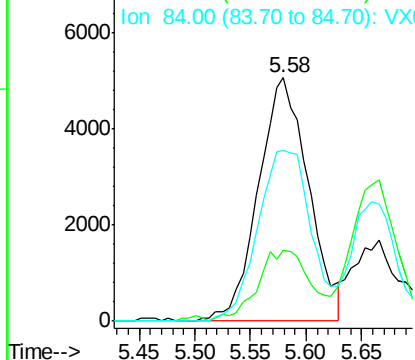
#31

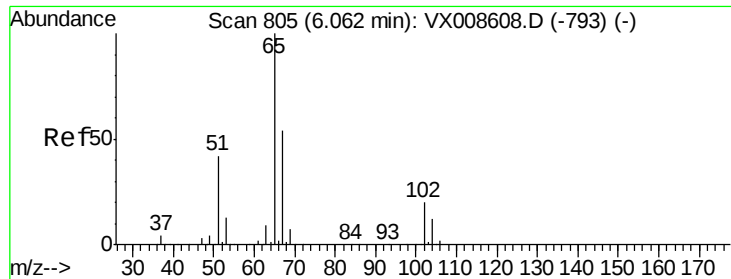
Cyclohexane
 Concen: 3.002 ug/l
 RT: 5.58 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX008706.D
 Acq: 06 Apr 2019 00:45

Tgt Ion: 56 Resp: 15854
 Ion Ratio Lower Upper
 56 100
 69 28.2 22.6 33.8
 84 70.2 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.943 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008706.D

Acq: 06 Apr 2019 00:45

Instrument :

MSVOA_X

ClientSampled :

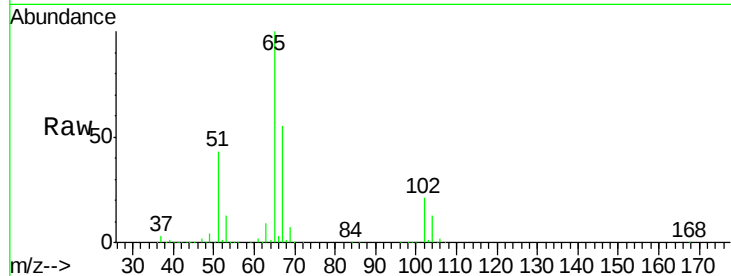
S8-0702

Tgt Ion: 65 Resp: 143495

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.2



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

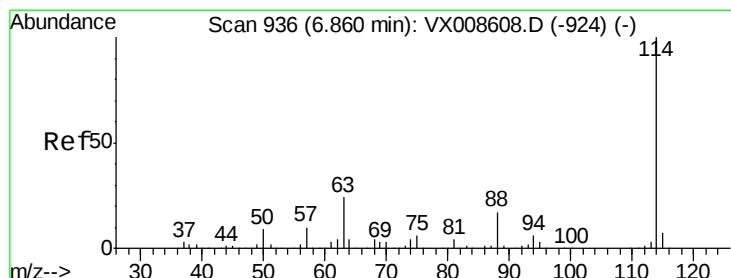
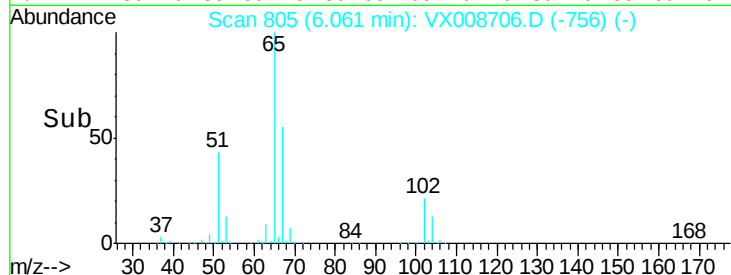
20000

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: VX008706.D

Acq: 06 Apr 2019 00:45

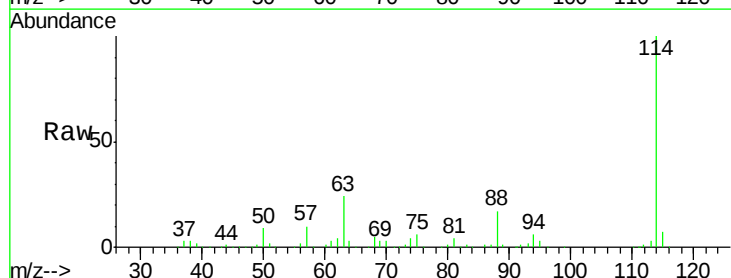
Tgt Ion: 114 Resp: 348986

Ion Ratio Lower Upper

114 100

63 23.6 0.0 47.2

88 16.7 0.0 34.0



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

200000

150000

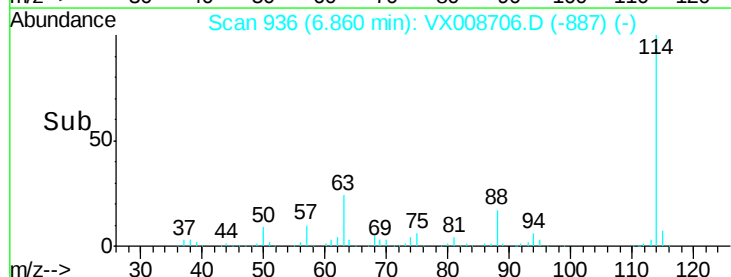
100000

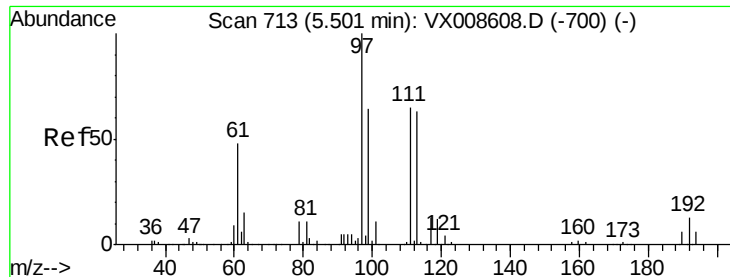
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 47.089 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008706.D

Acq: 06 Apr 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

S8-0702

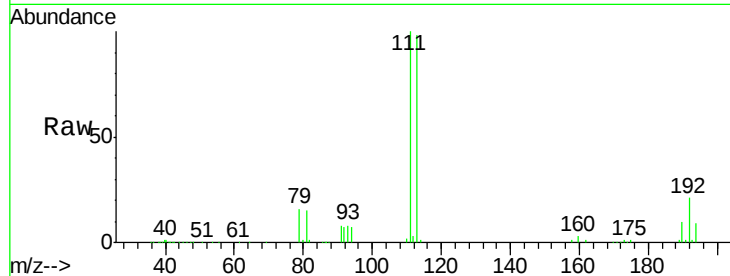
Tgt Ion:113 Resp: 105068

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

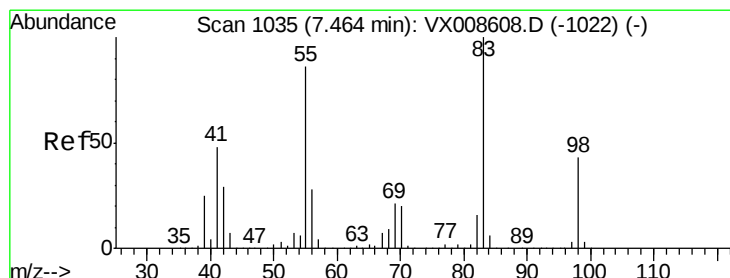
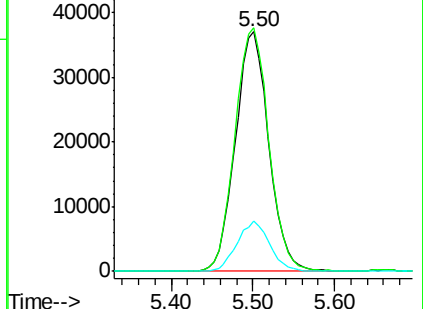
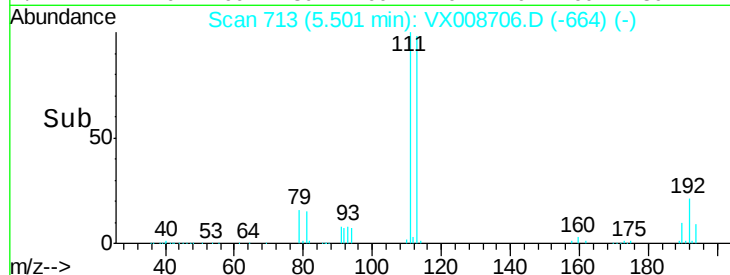
192 20.3 16.1 24.1



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



#39

Methylcyclohexane

Concen: 0.526 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008706.D

Acq: 06 Apr 2019 00:45

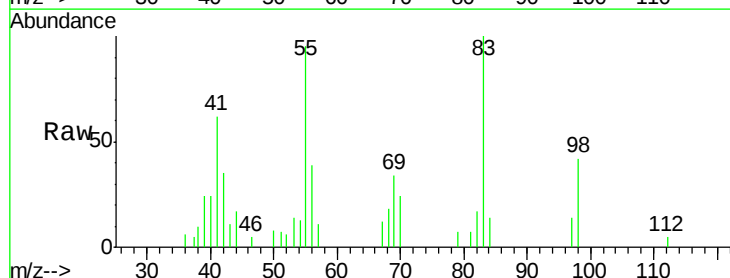
Tgt Ion: 83 Resp: 2478

Ion Ratio Lower Upper

83 100

55 95.0 69.0 103.6

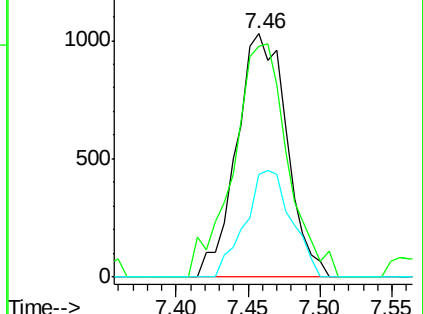
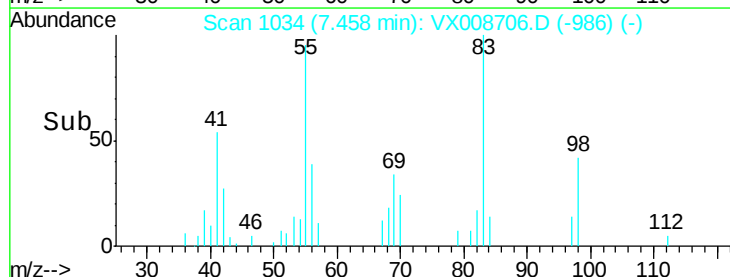
98 42.2 34.4 51.6

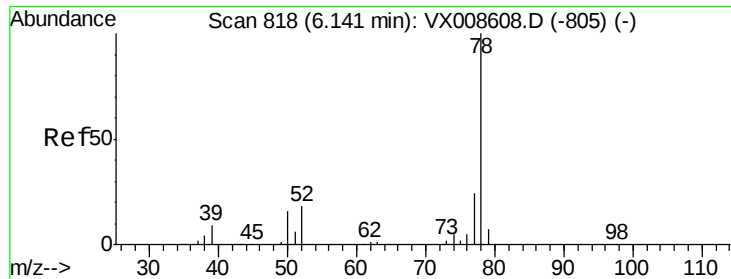


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 2.624 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008706.D

Acq: 06 Apr 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

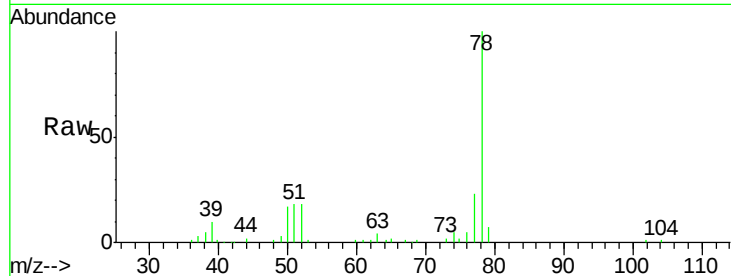
S8-0702

Tgt Ion: 78 Resp: 29822

Ion Ratio Lower Upper

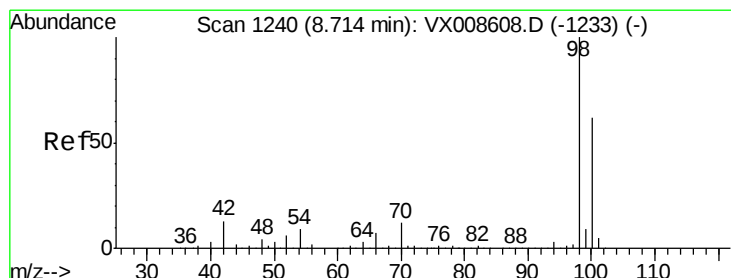
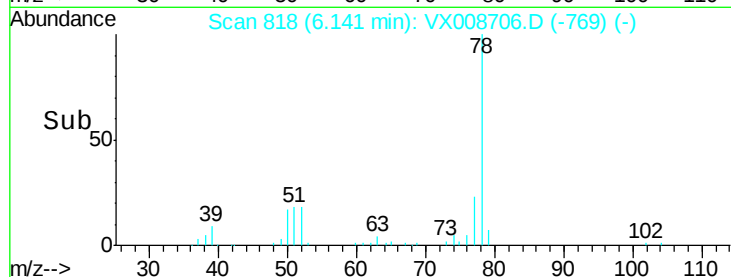
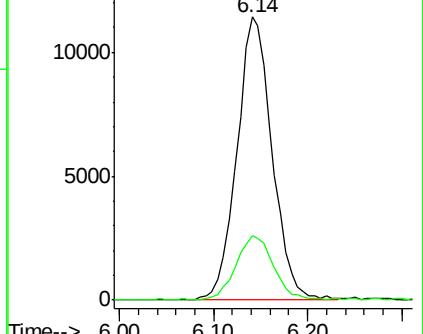
78 100

77 22.6 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.664 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008706.D

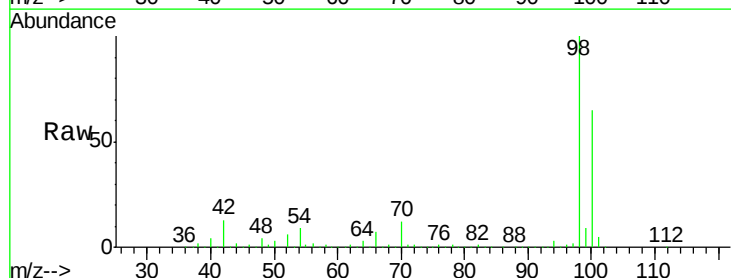
Acq: 06 Apr 2019 00:45

Tgt Ion: 98 Resp: 441234

Ion Ratio Lower Upper

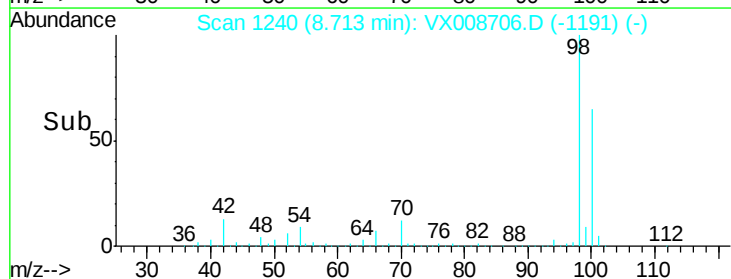
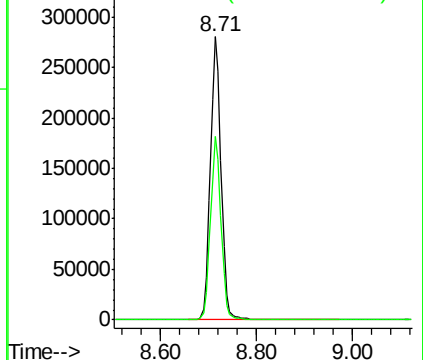
98 100

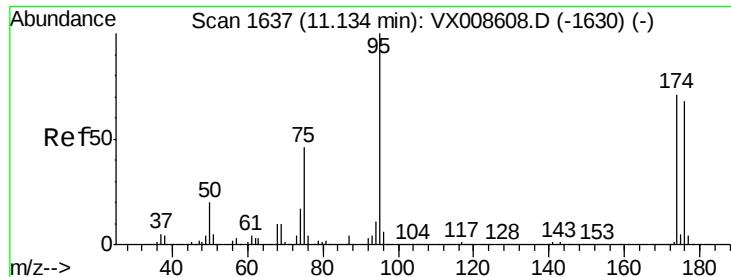
100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.410 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008706.D

Acq: 06 Apr 2019 00:45

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S8-0702

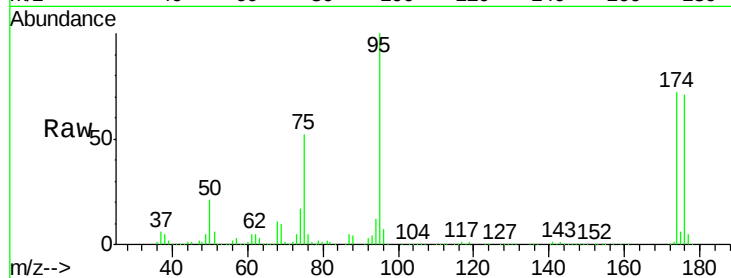
Tgt Ion: 95 Resp: 149366

Ion Ratio Lower Upper

95 100

174 75.8 0.0 151.8

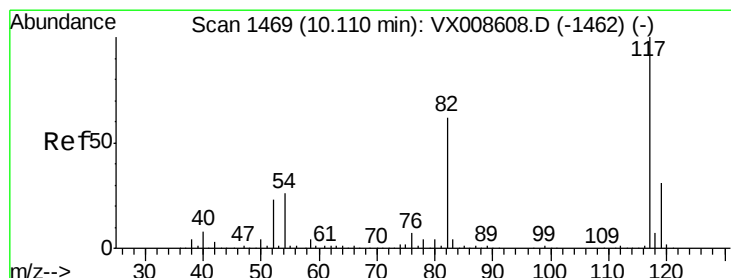
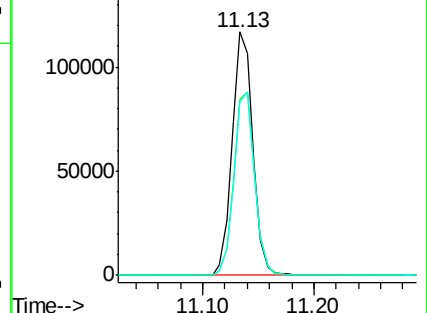
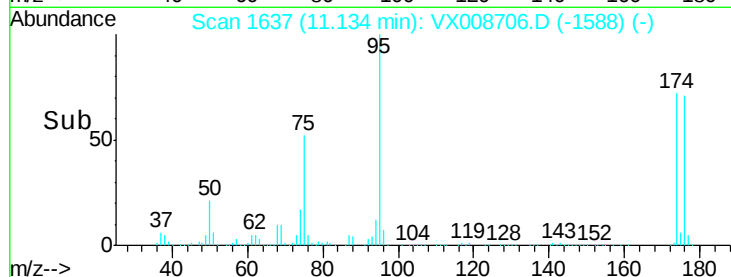
176 75.2 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008608.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008608.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008608.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008706.D

Acq: 06 Apr 2019 00:45

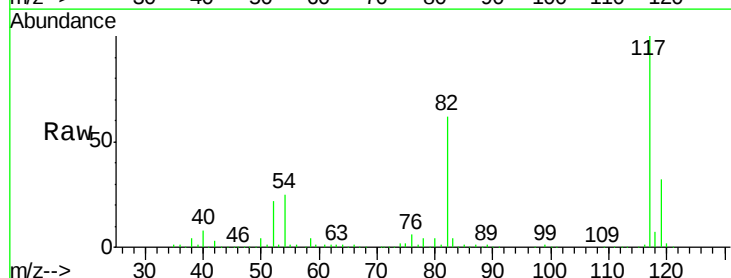
Tgt Ion: 117 Resp: 305072

Ion Ratio Lower Upper

117 100

82 62.3 49.6 74.4

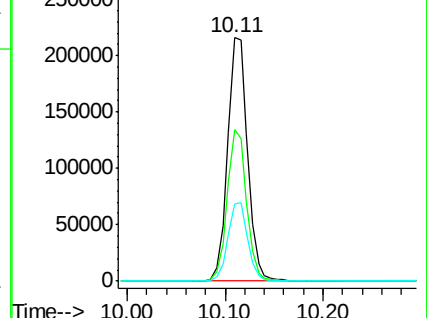
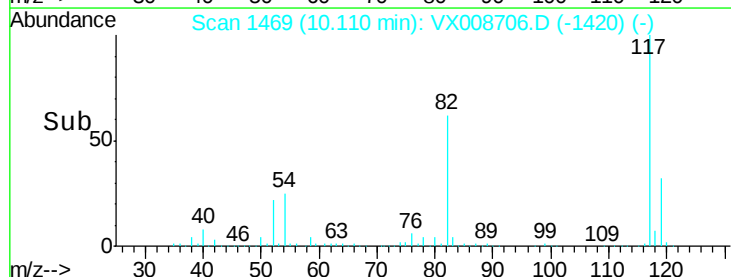
119 31.9 25.0 37.4

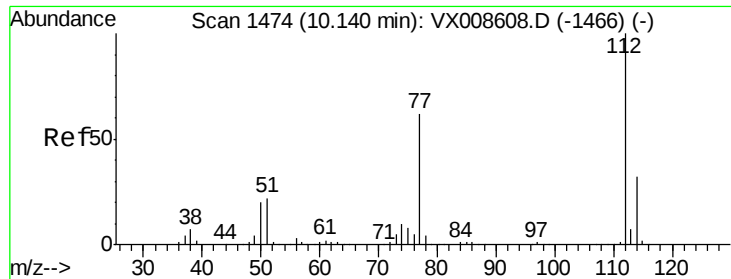


Abundance Ion 116.90 (116.60 to 117.60): VX008608.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008608.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008608.D (-1462) (-)

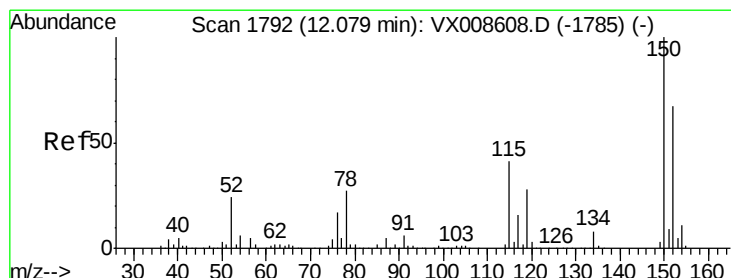
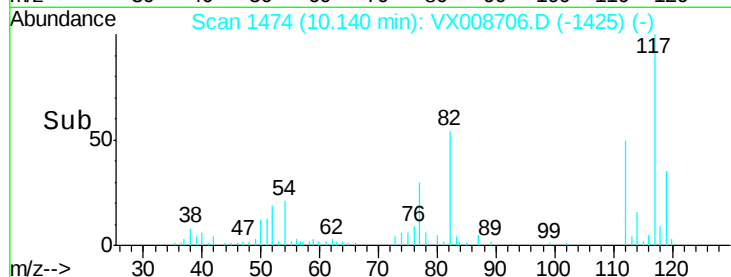
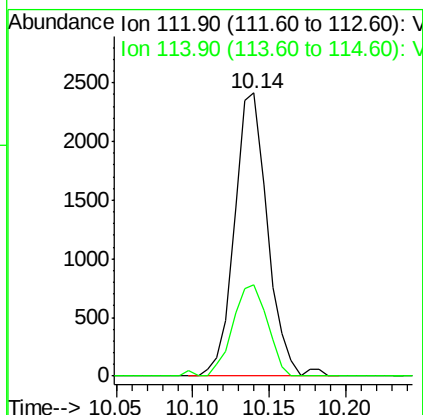
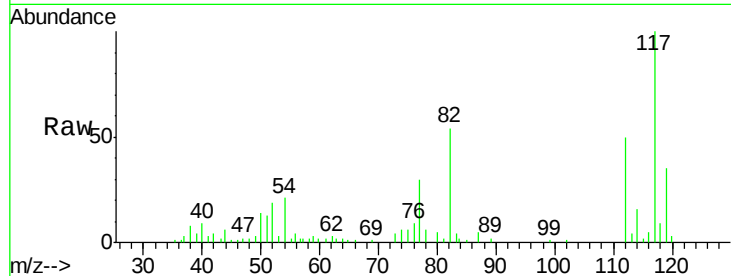




#65
Chlorobenzene
Concen: 0.535 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

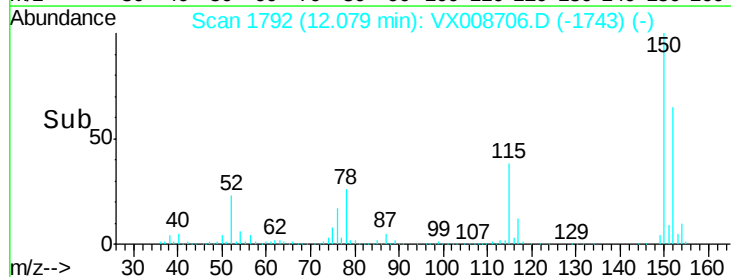
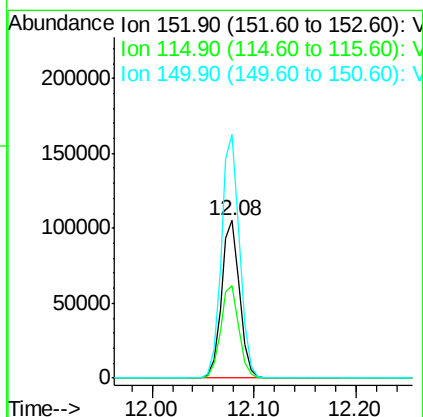
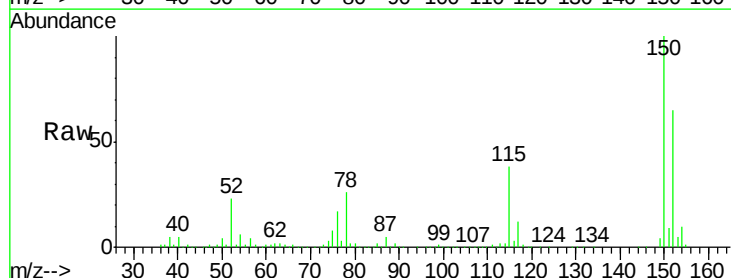
Instrument :
MSVOA_X
ClientSampled :
S8-0702

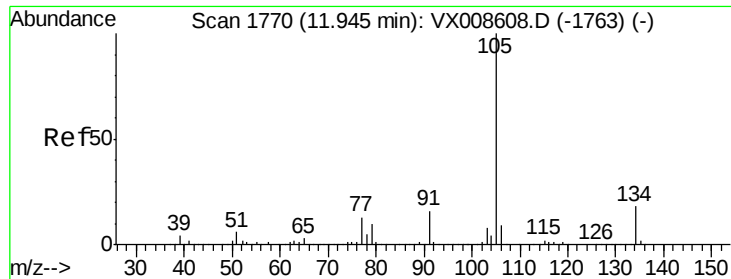
Tgt Ion:112 Resp: 3619
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion:152 Resp: 129377
Ion Ratio Lower Upper
152 100
115 59.3 43.5 130.5
150 155.8 0.0 348.8

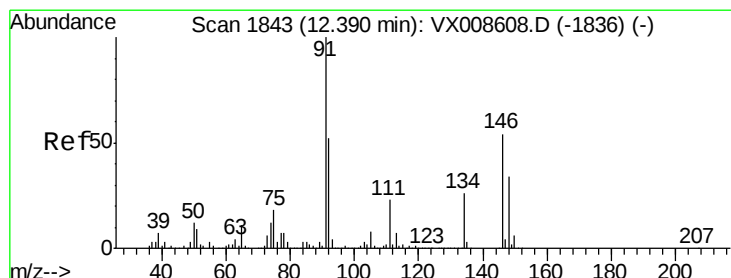
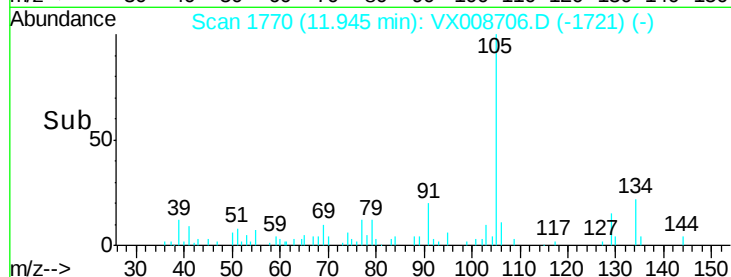
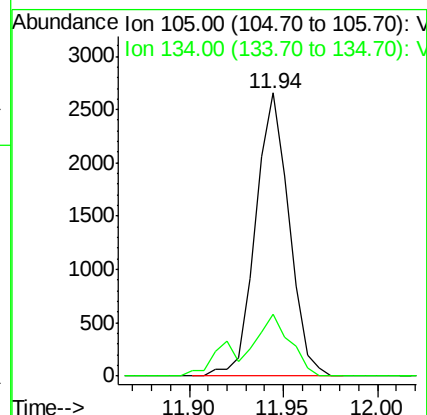
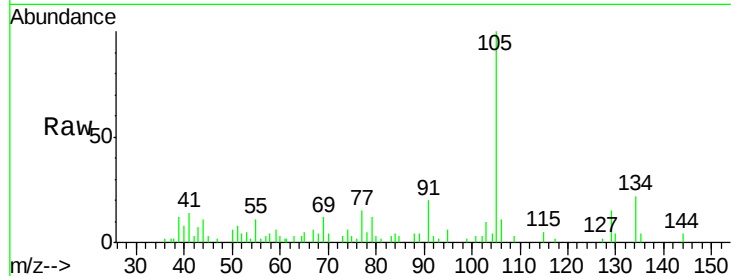




#85
 sec-Butylbenzene
 Concen: 0.317 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008706.D
 Acq: 06 Apr 2019 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0702

Tgt Ion:105 Resp: 3262
 Ion Ratio Lower Upper
 105 100
 134 22.2 9.4 28.2



#91
 1,2-Dichlorobenzene
 Concen: 0.323 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008706.D
 Acq: 06 Apr 2019 00:45

Tgt Ion:146 Resp: 1478
 Ion Ratio Lower Upper
 146 100
 111 48.7 21.3 63.9
 148 62.0 31.7 95.1

