

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011206.D
 Acq On : 30 Jul 2019 19:37
 Operator : JC/SP
 Sample : K4026-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0675DL

Quant Time: Jul 31 09:13:50 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

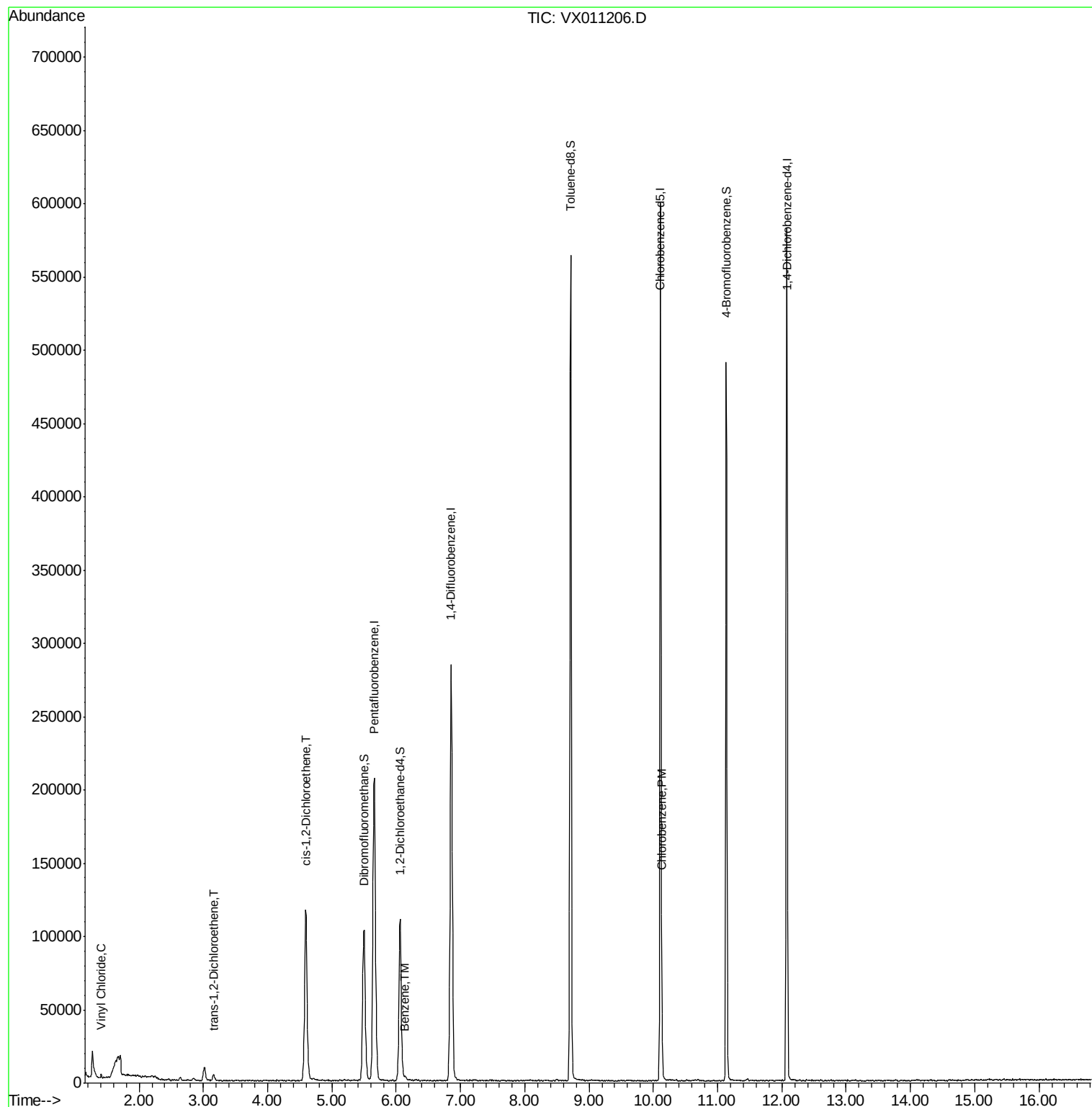
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	207762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102660	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
35) Dibromofluoromethane	5.49	113	86988	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
50) Toluene-d8	8.71	98	344664	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.13	95	117134	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
4) Vinyl Chloride	1.41	62	1753	0.900	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	1817	0.925	ug/l #	74
27) cis-1,2-Dichloroethene	4.59	96	79042	34.782	ug/l	90
40) Benzene	6.13	78	2563	0.343	ug/l #	81
65) Chlorobenzene	10.13	112	9645	1.738	ug/l	90

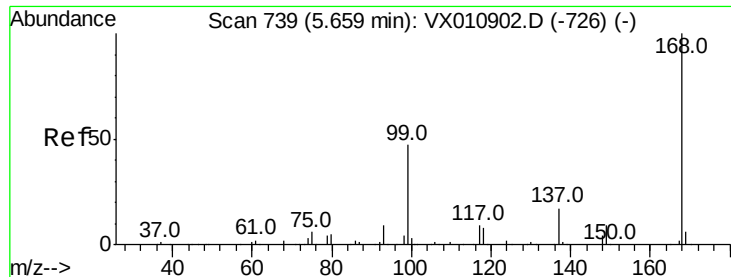
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073019\
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Instrument :
MSVOA_X
ClientSampleId :
Z3-0675DL

Quant Time: Jul 31 09:13:50 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: VX011206.D

Acq: 30 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

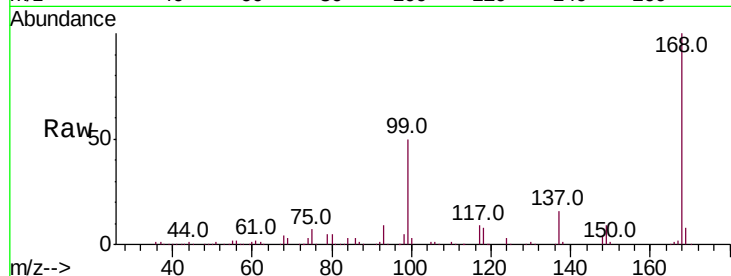
Z3-0675DL

Tot Ion:168 Resp: 207762

Ion Ratio Lower Upper

168 100

99 49.6 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

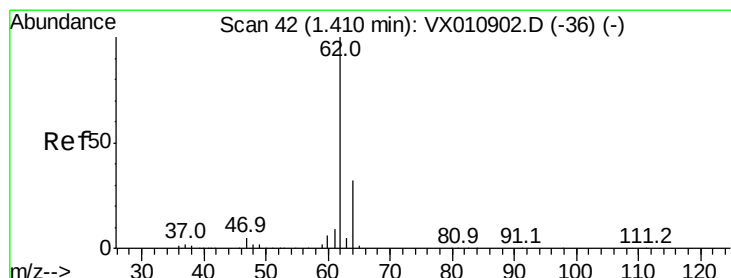
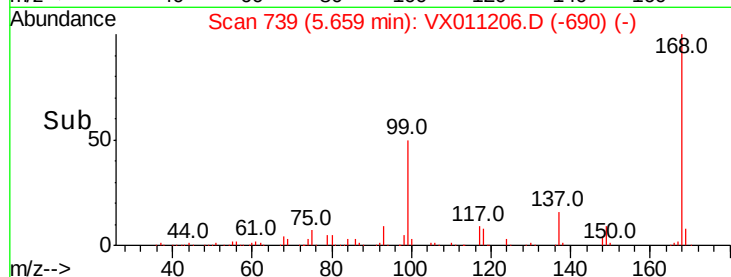
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.900 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011206.D

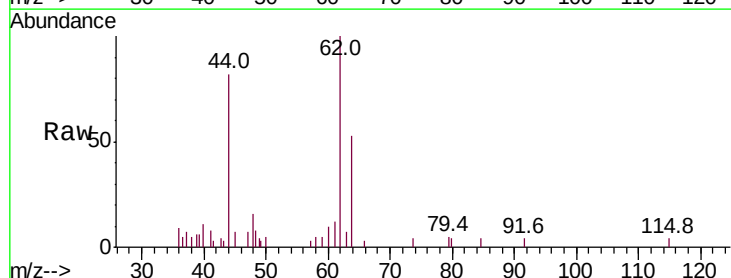
Acq: 30 Jul 2019 19:37

Tgt Ion: 62 Resp: 1753

Ion Ratio Lower Upper

62 100

64 40.9 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

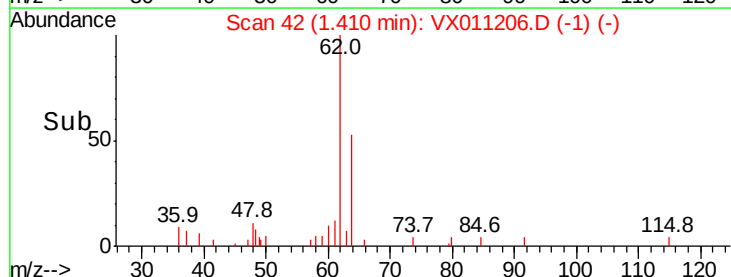
1500

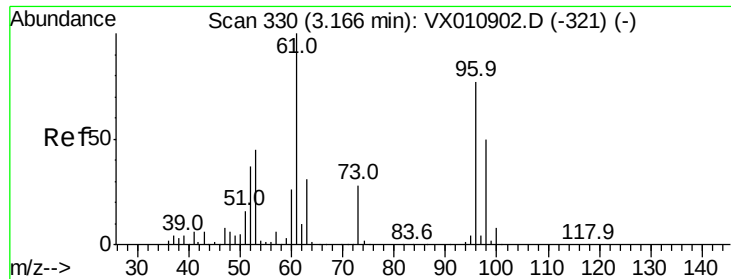
1000

500

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.925 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011206.D

Acq: 30 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

Z3-0675DL

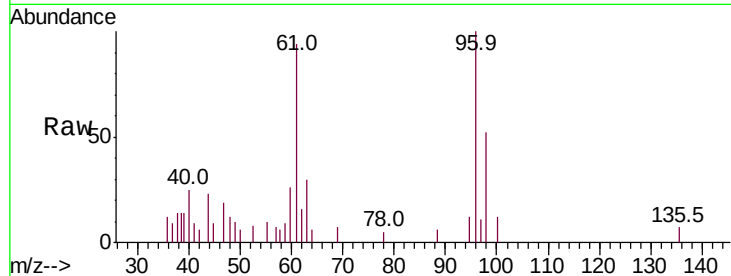
Tot Ion: 96 Resp: 1817

Ion Ratio Lower Upper

96 100

61 94.1 104.2 156.2#

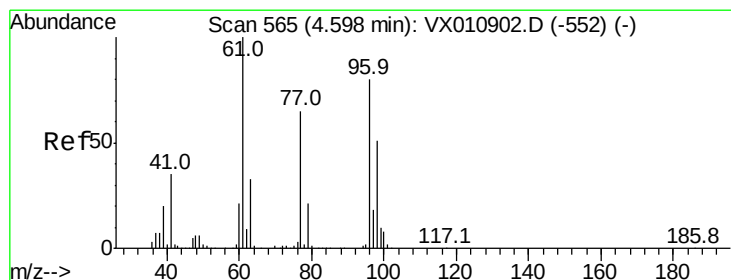
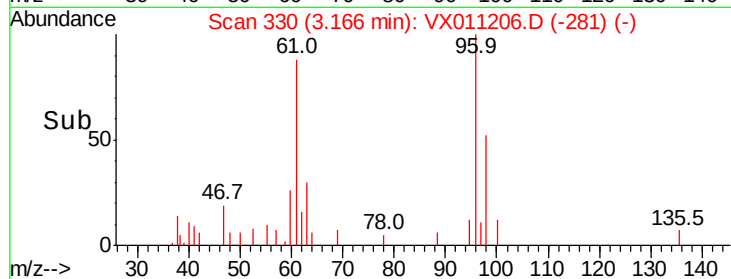
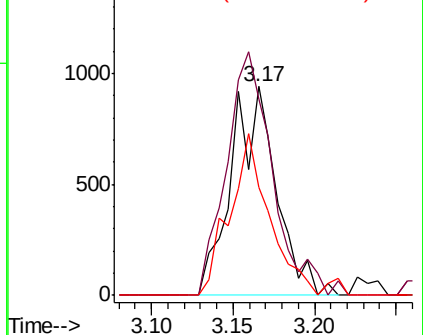
98 51.9 52.2 78.4#



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: 34.782 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX011206.D

Acq: 30 Jul 2019 19:37

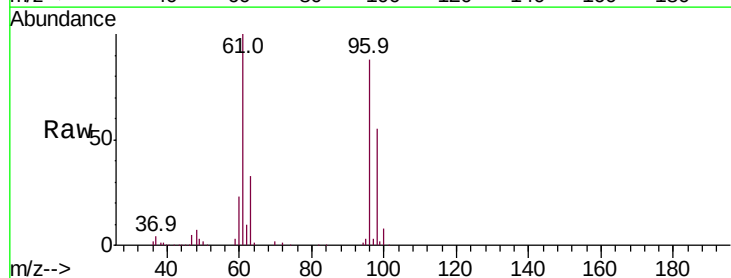
Tgt Ion: 96 Resp: 79042

Ion Ratio Lower Upper

96 100

61 116.4 0.0 269.0

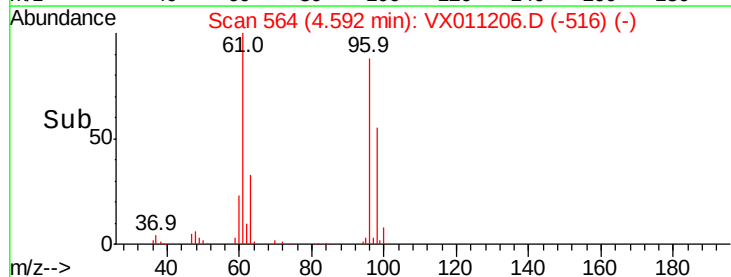
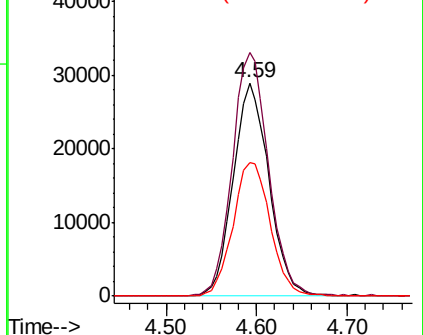
98 65.4 0.0 131.4

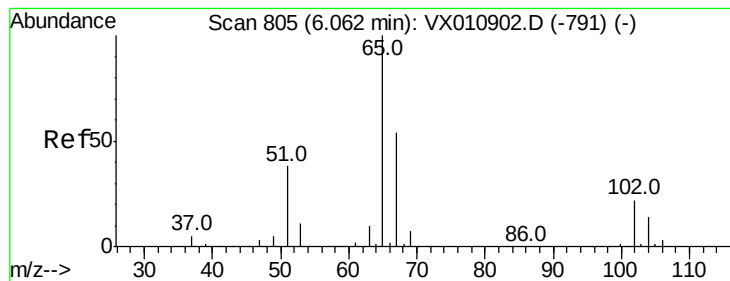


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.447 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011206.D

Acq: 30 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

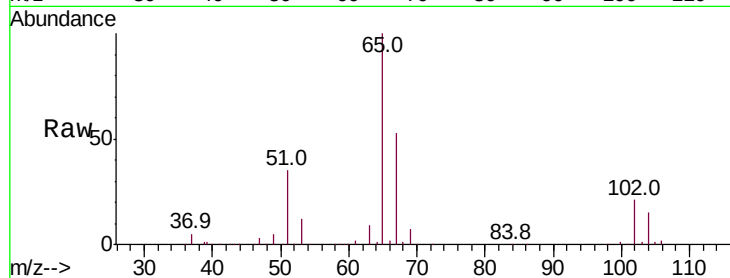
Z3-0675DL

Tot Ion: 65 Resp: 102660

Ion Ratio Lower Upper

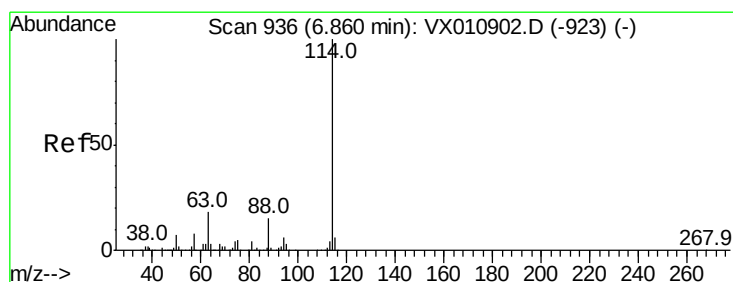
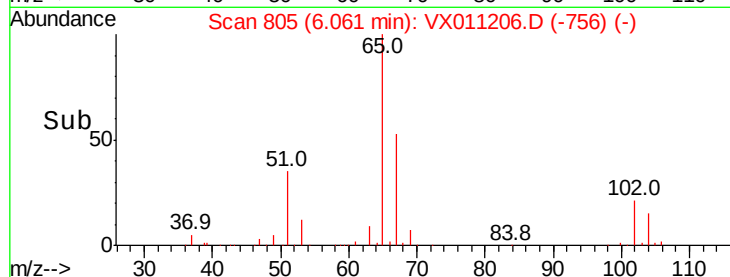
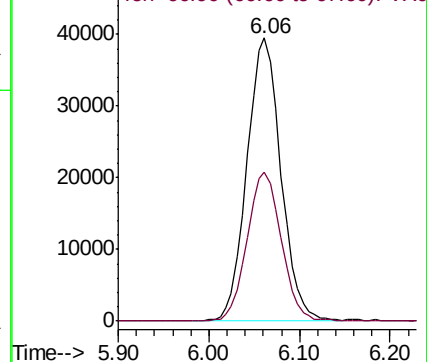
65 100

67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011206.D

Acq: 30 Jul 2019 19:37

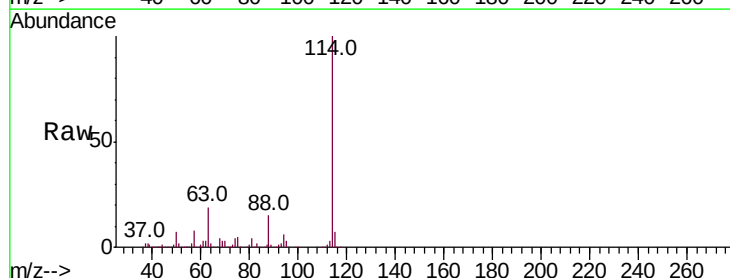
Tgt Ion:114 Resp: 296892

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

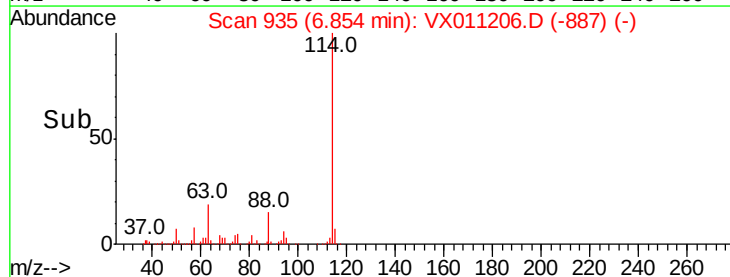
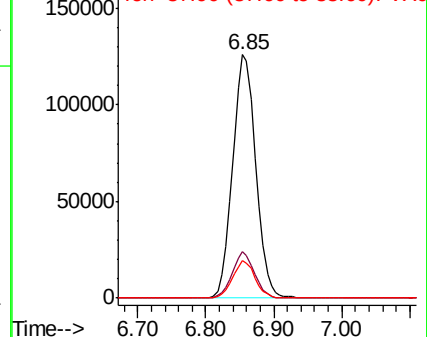
88 15.3 0.0 29.8

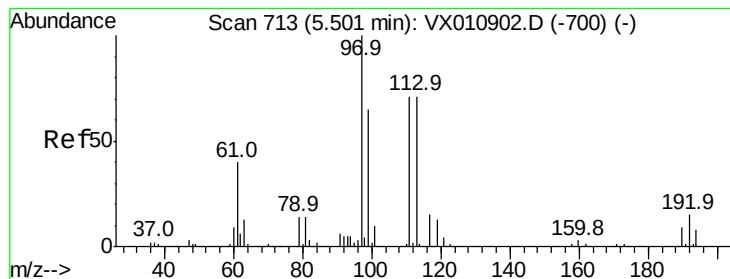


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.161 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011206.D

Acq: 30 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

Z3-0675DL

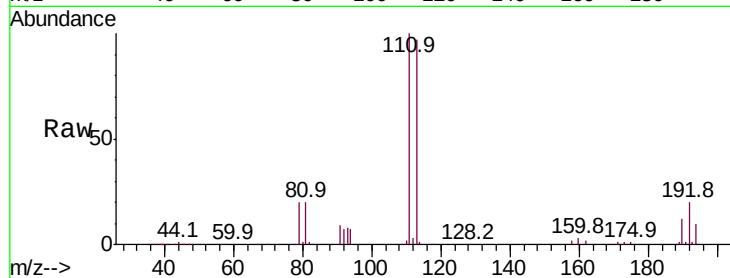
Tot Ion:113 Resp: 86988

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

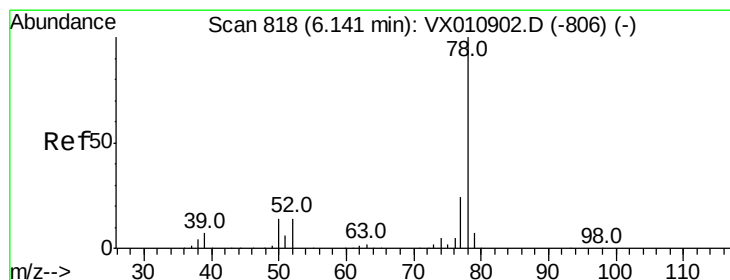
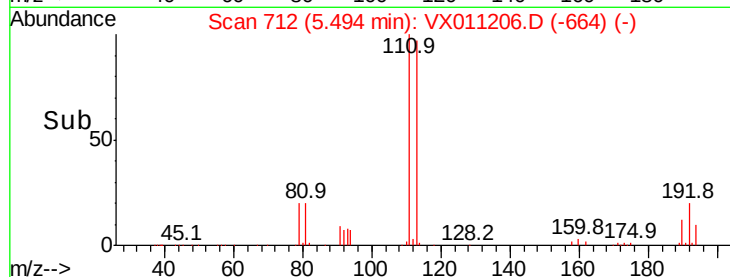
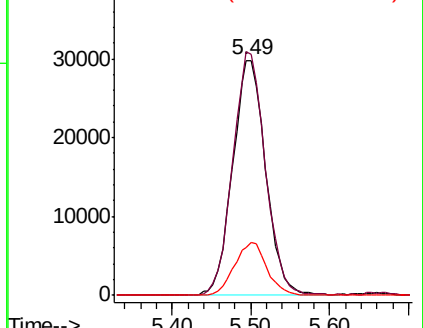
192 22.0 17.4 26.2



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



#40

Benzene

Concen: 0.343 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX011206.D

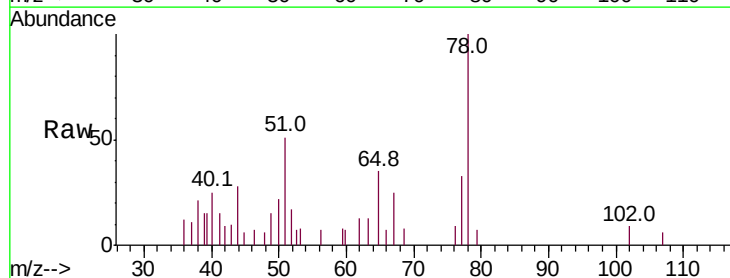
Acq: 30 Jul 2019 19:37

Tgt Ion: 78 Resp: 2563

Ion Ratio Lower Upper

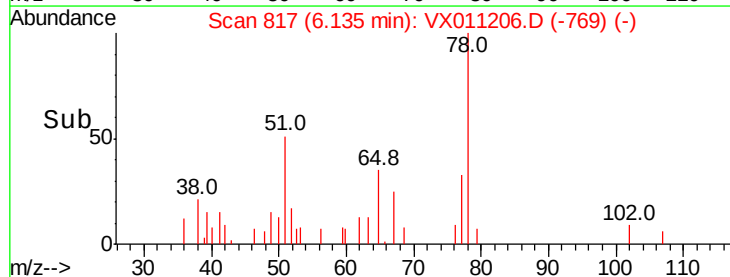
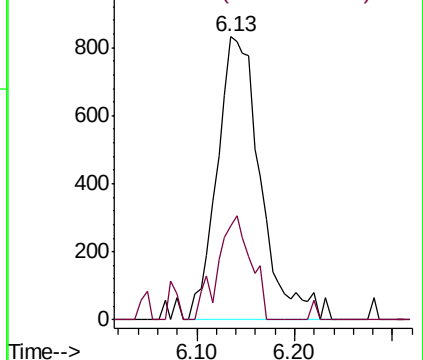
78 100

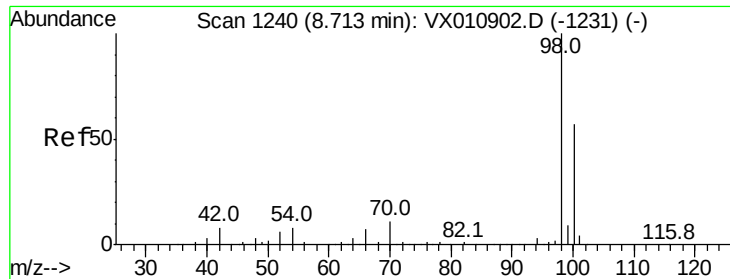
77 33.2 19.0 28.6#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 48.765 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011206.D

Acq: 30 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

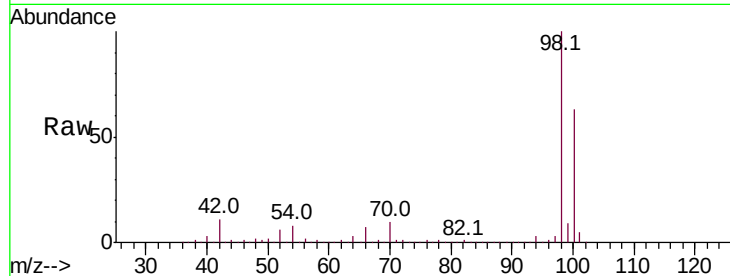
Z3-0675DL

Tot Ion: 98 Resp: 344664

Ion Ratio Lower Upper

98 100

100 63.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

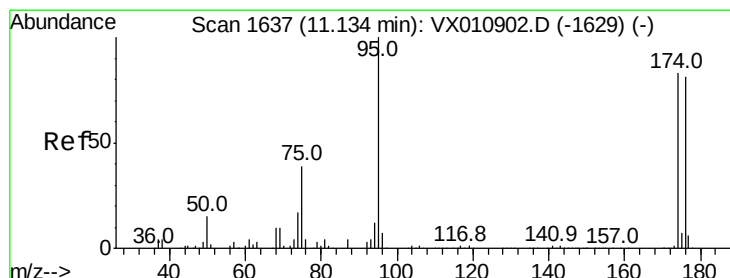
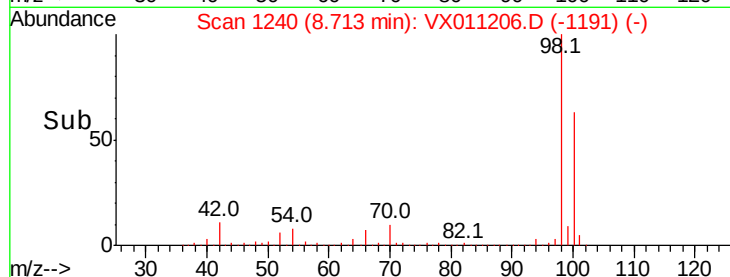
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 45.088 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011206.D

Acq: 30 Jul 2019 19:37

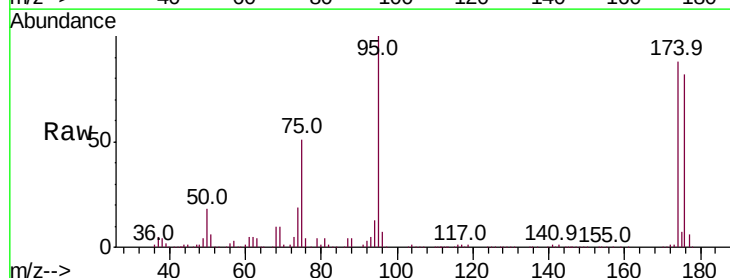
Tgt Ion: 95 Resp: 117134

Ion Ratio Lower Upper

95 100

174 92.6 0.0 180.6

176 88.6 0.0 173.8



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

120000

100000

80000

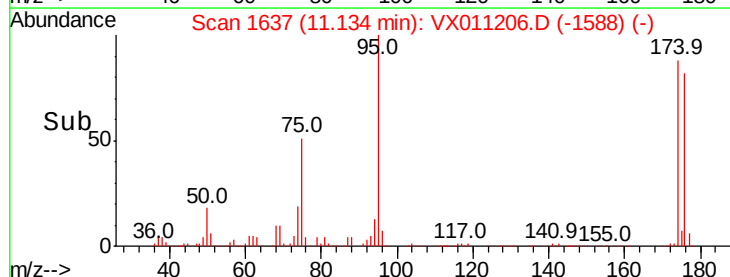
60000

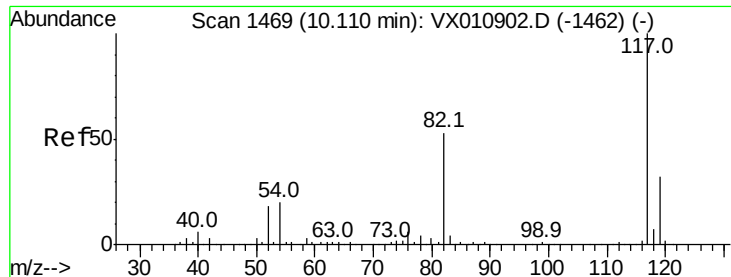
40000

20000

0

Time--> 11.10 11.20

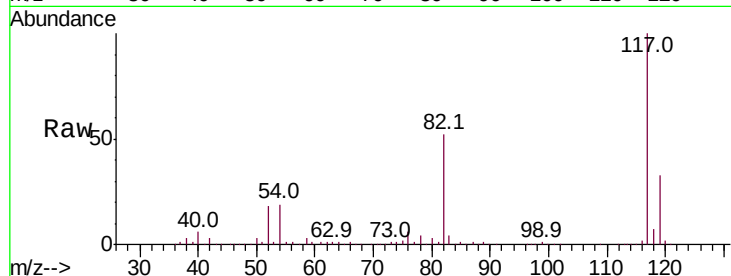




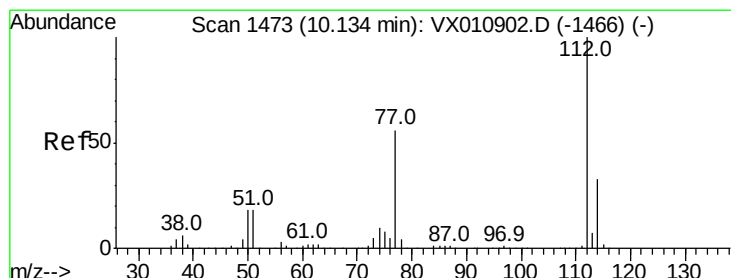
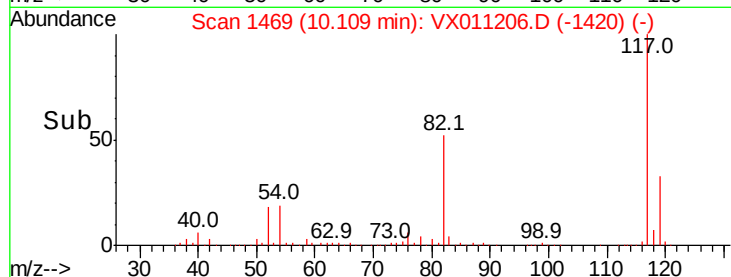
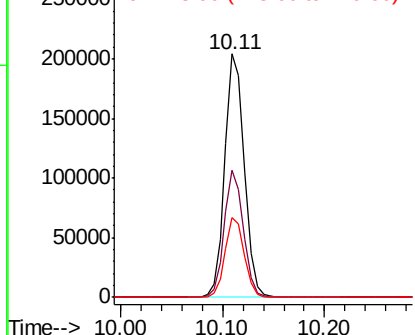
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011206.D
Acq: 30 Jul 2019 19:37

Instrument :
MSVOA_X
ClientSampled :
Z3-0675DL

Tot Ion:117 Resp: 270264
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 32.6 25.9 38.9

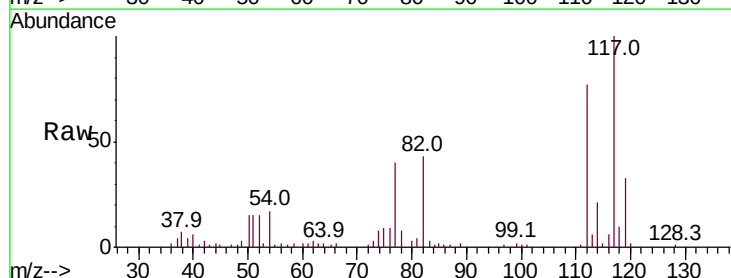


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

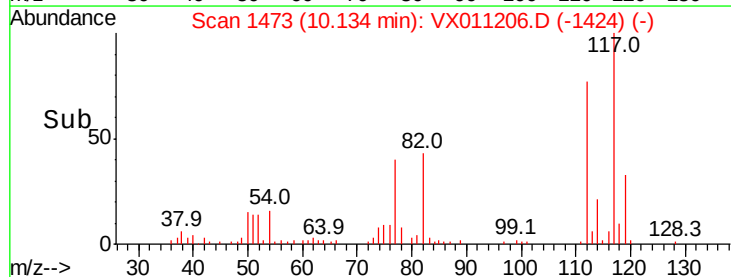
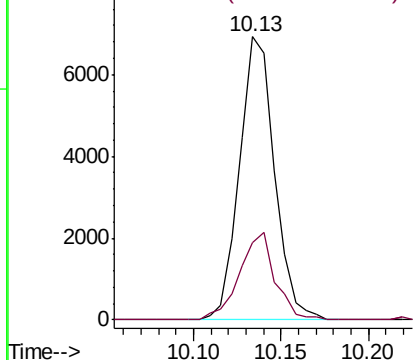


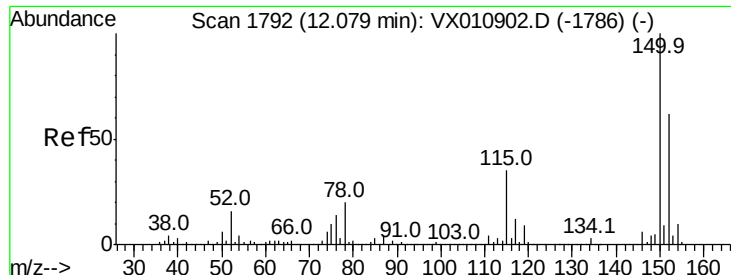
#65
Chlorobenzene
Concen: 1.738 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011206.D
Acq: 30 Jul 2019 19:37

Tgt Ion:112 Resp: 9645
Ion Ratio Lower Upper
112 100
114 27.1 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

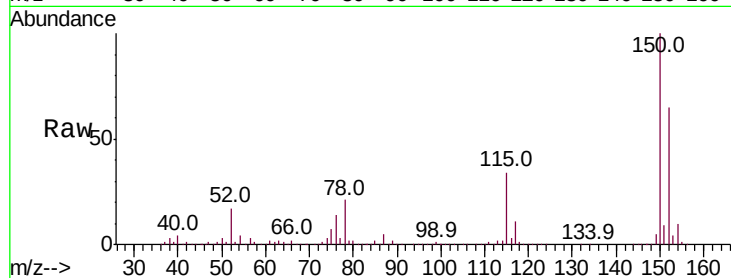




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011206.D
 Acq: 30 Jul 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0675DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.7	119.1
150	154.5	0.0	345.6



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

