

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003671.D
 Acq On : 26 Jul 2018 15:36
 Operator : JC/SP
 Sample : VX0726WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBL01

Quant Time: Jul 27 05:34:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	94582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	137272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	127448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	65754	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	70458	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	5.51	113	61295	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	
50) Toluene-d8	8.72	98	216417	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	72485	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	

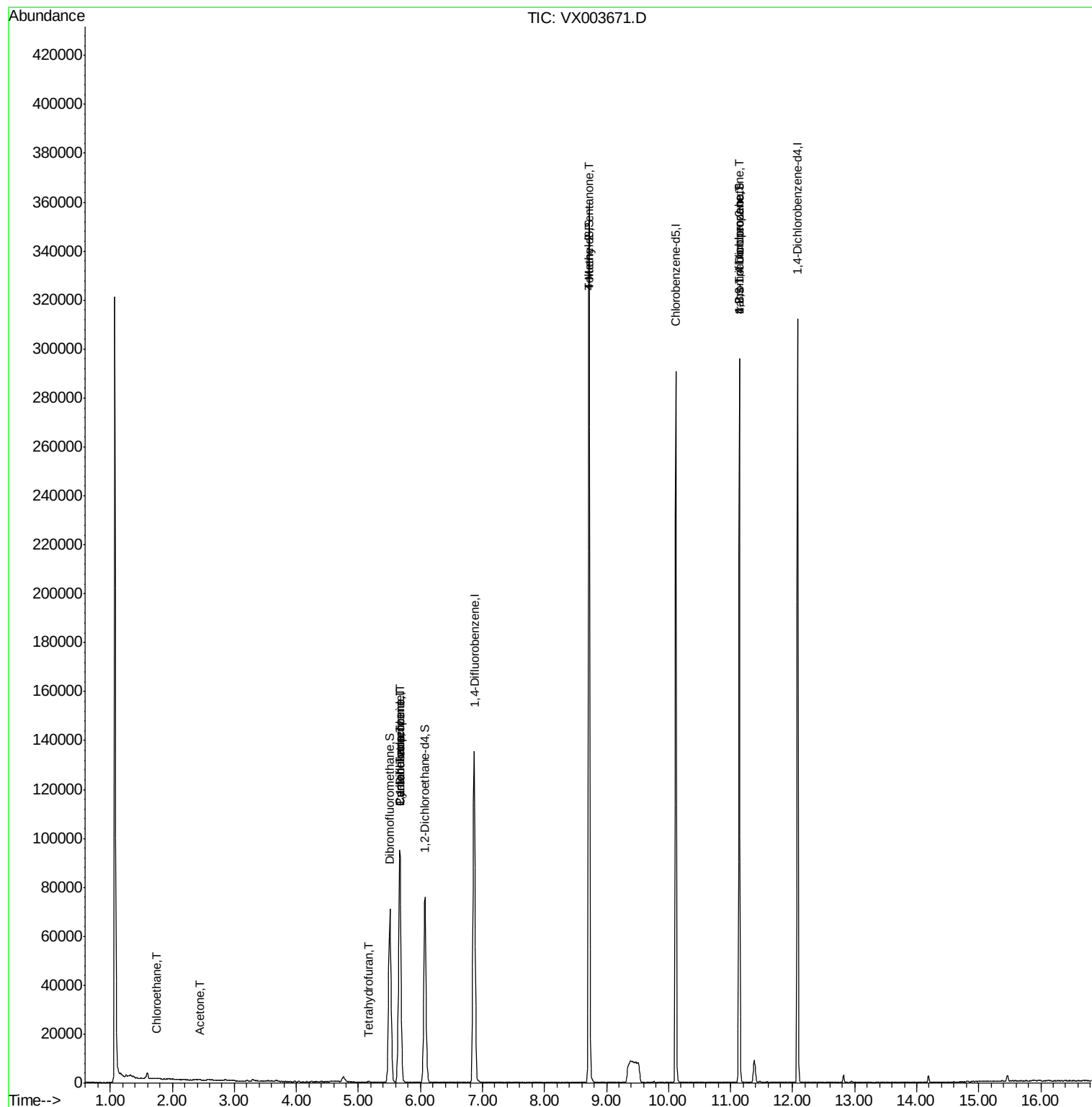
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.74	64	213	2.14	ug/l #	42
16) Acetone	2.45	43	295	0.45	ug/l #	42
29) Tetrahydrofuran	5.17	42	338	0.51	ug/l #	35
31) Cyclohexane	5.67	56	1806	0.96	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	6672	4.16	ug/l #	48
38) Carbon Tetrachloride	5.67	117	8579	5.55	ug/l #	13
51) 4-Methyl-2-Pentanone	8.71	43	913	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	35420	25.68	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	35420	79.57	ug/l #	11

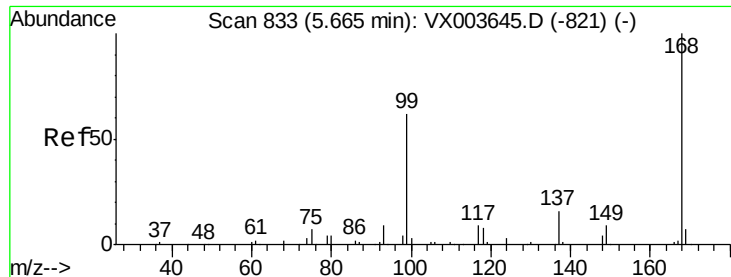
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003671.D
Acq On : 26 Jul 2018 15:36
Operator : JC/SP
Sample : VX0726WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0726WBL01

Quant Time: Jul 27 05:34:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

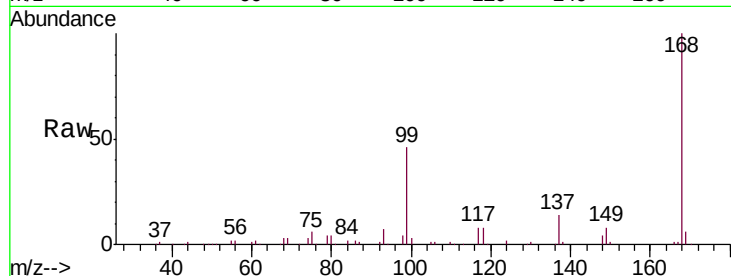
VX0726WBL01

Tot Ion:168 Resp: 94582

Ion Ratio Lower Upper

168 100

99 46.1 49.5 74.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

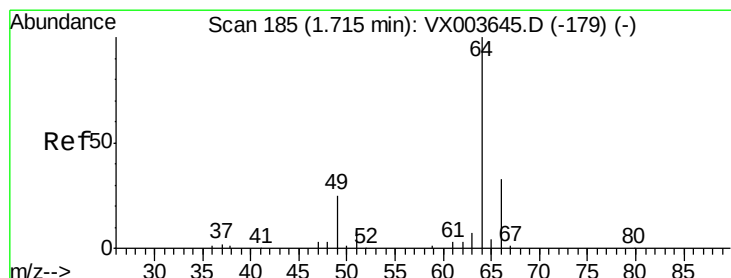
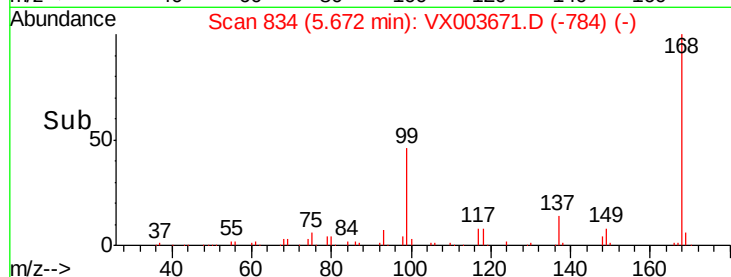
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 2.14 ug/l

RT: 1.74 min Scan# 189

Delta R.T. 0.03 min

Lab File: VX003671.D

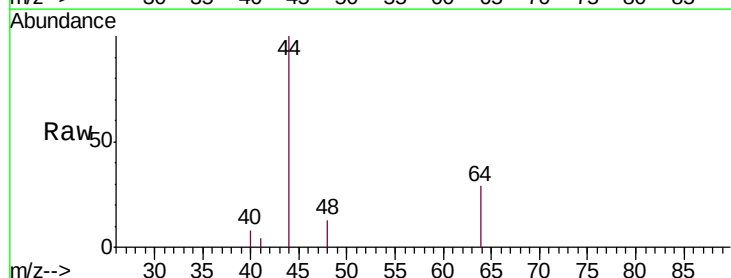
Acq: 26 Jul 2018 15:36

Tgt Ion: 64 Resp: 213

Ion Ratio Lower Upper

64 100

66 0.0 26.3 39.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.74

400

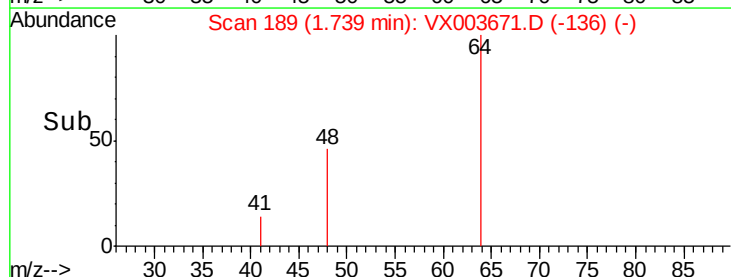
300

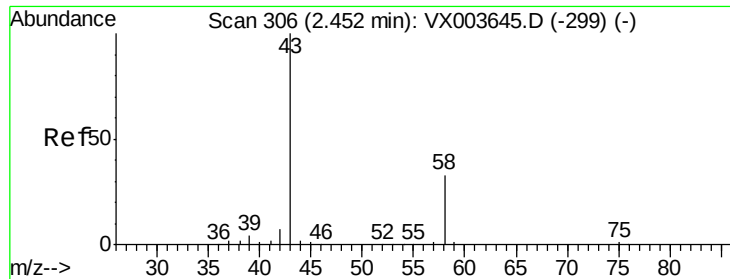
200

100

0

Time--> 1.70 1.72 1.74 1.76





#16

Acetone

Concen: 0.45 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

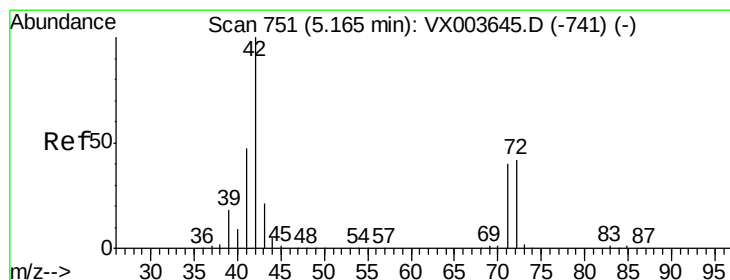
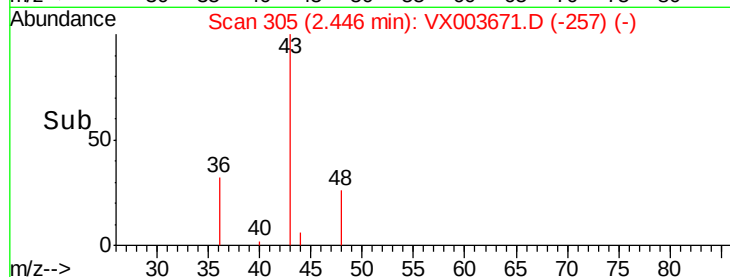
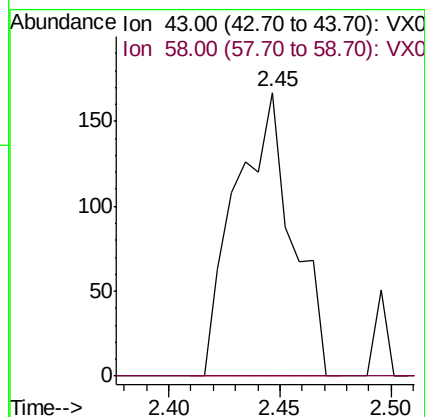
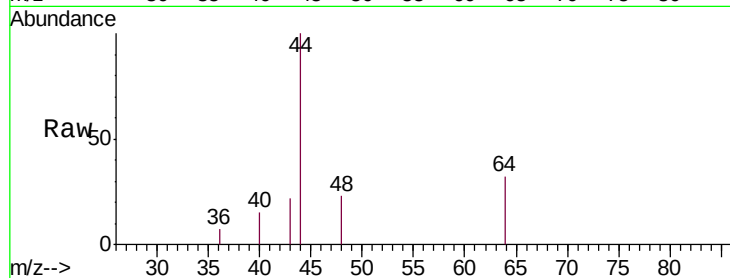
VX0726WBL01

Tot Ion: 43 Resp: 295

Ion Ratio Lower Upper

43 100

58 0.0 26.1 39.1#



#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

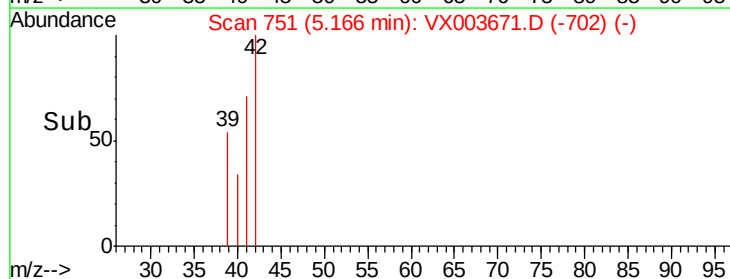
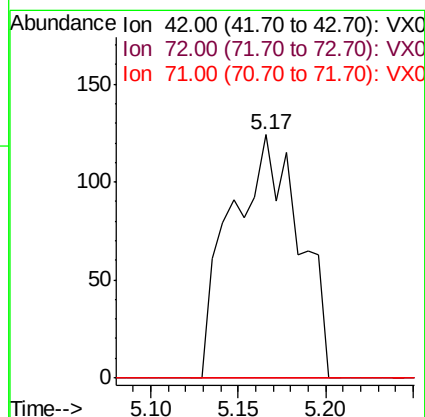
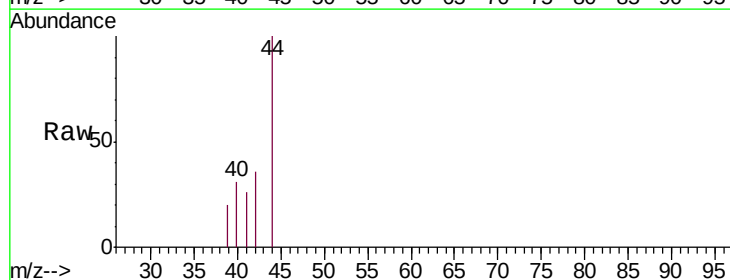
Tgt Ion: 42 Resp: 338

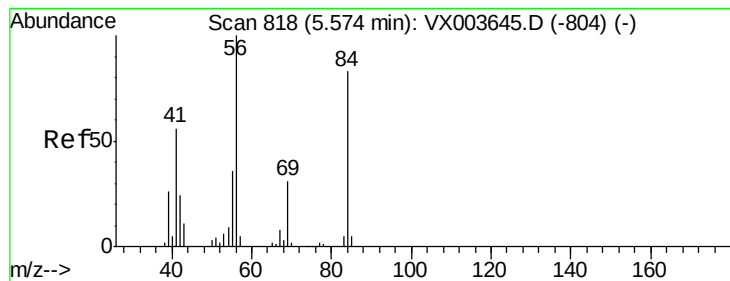
Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

71 0.0 31.0 46.6#





#31

Cyclohexane

Concen: 0.96 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBL01

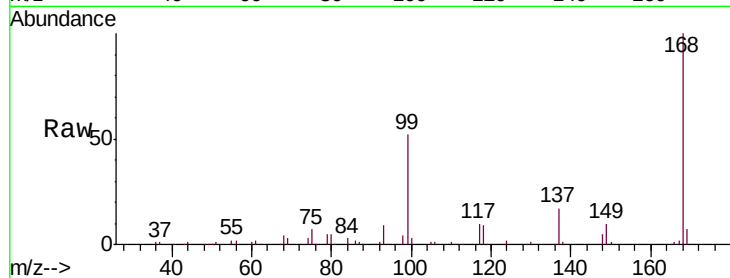
Tot Ion: 56 Resp: 1806

Ion Ratio Lower Upper

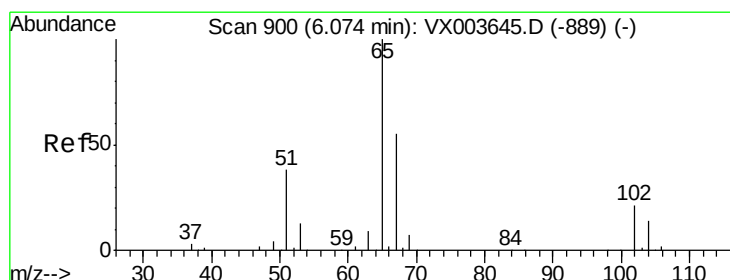
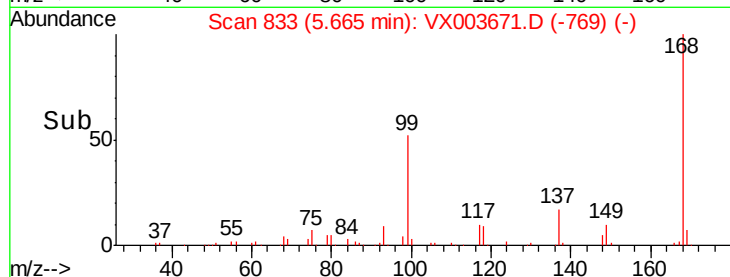
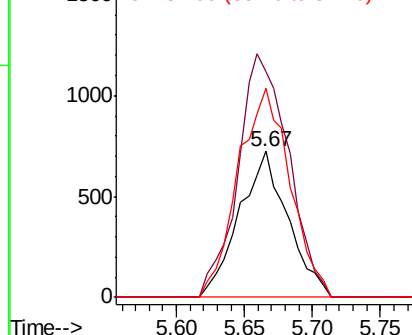
56 100

69 154.3 25.0 37.6#

84 143.0 66.5 99.7#



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: 50.29 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003671.D

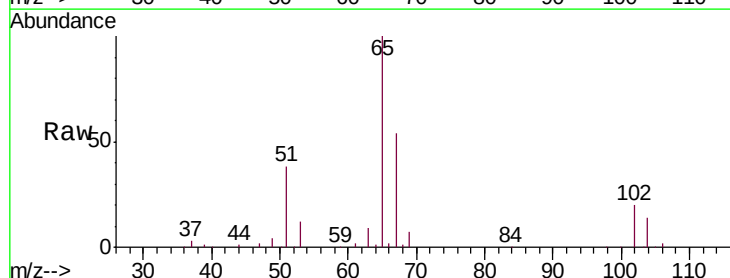
Acq: 26 Jul 2018 15:36

Tgt Ion: 65 Resp: 70458

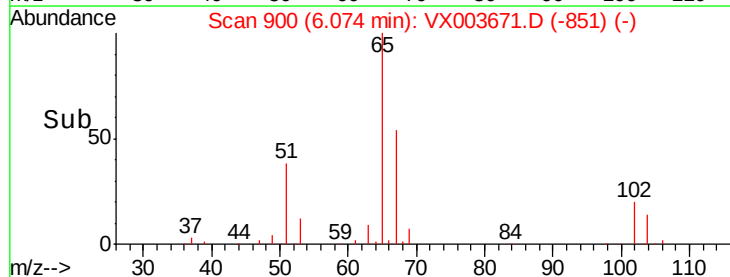
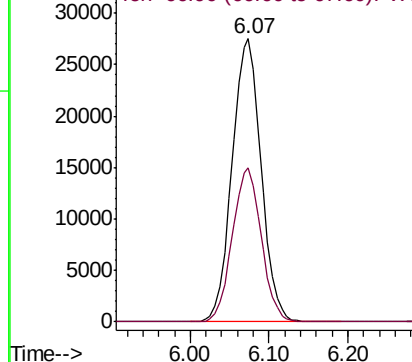
Ion Ratio Lower Upper

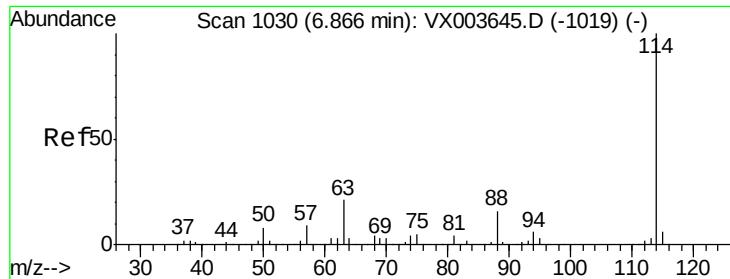
65 100

67 54.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

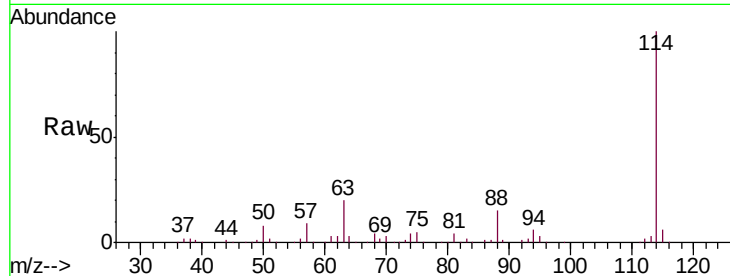




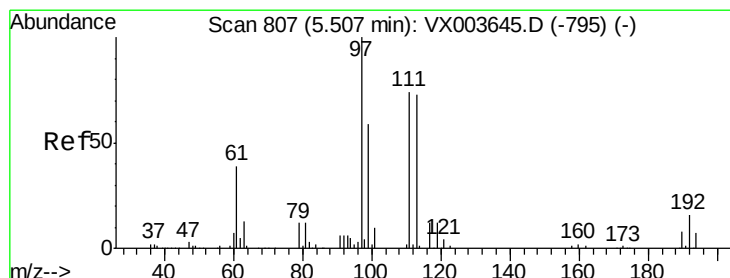
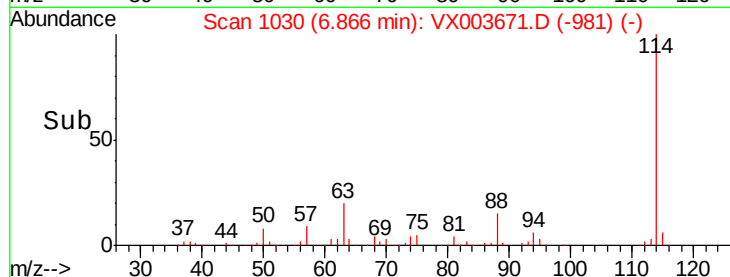
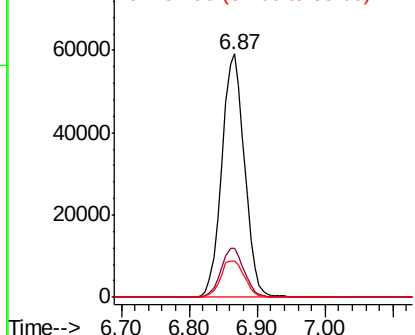
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003671.D
 Acq: 26 Jul 2018 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBL01

Tot Ion:114 Resp: 137272
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.0
 88 15.0 0.0 31.8

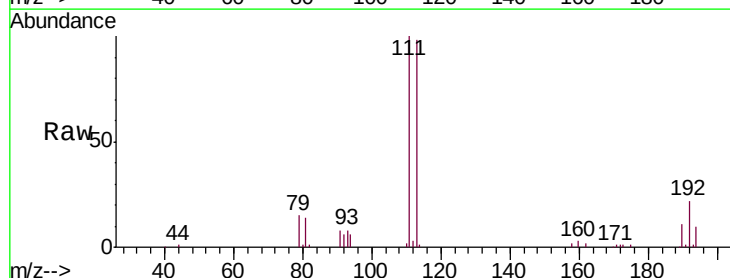


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

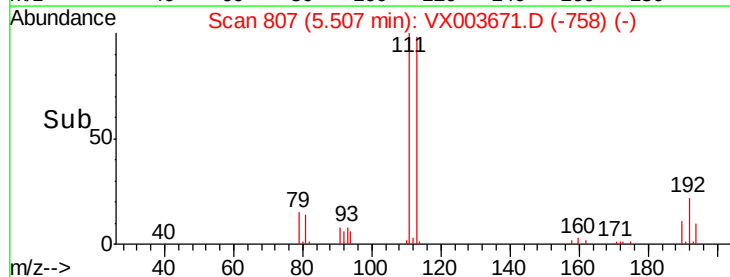
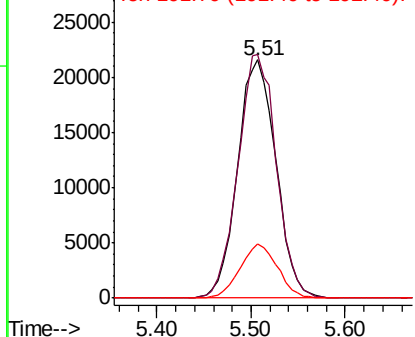


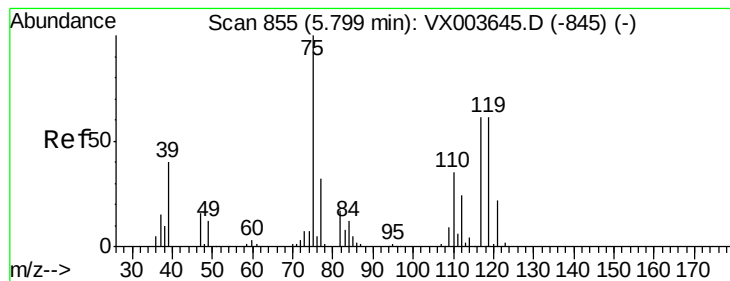
#35
 Dibromofluoromethane
 Concen: 54.62 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003671.D
 Acq: 26 Jul 2018 15:36

Tgt Ion:113 Resp: 61295
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.2 121.8
 192 22.1 18.2 27.4



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





#36

1,1-Dichloropropene

Concen: 4.16 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBL01

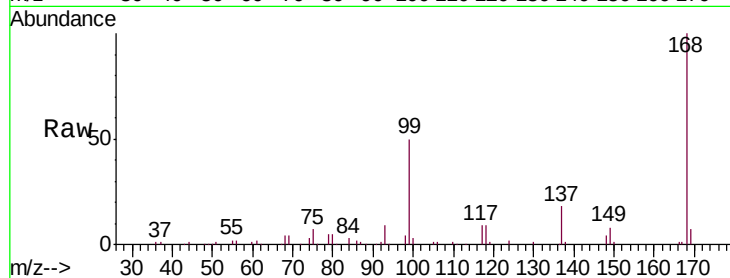
Tot Ion: 75 Resp: 6672

Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.1#

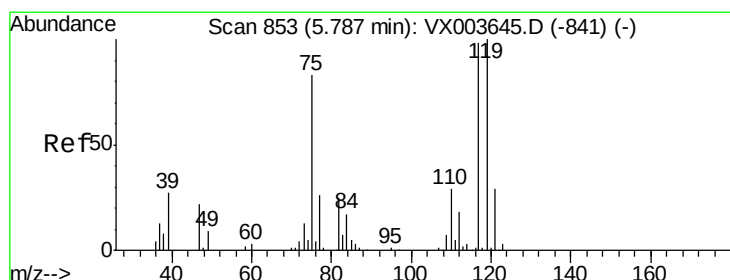
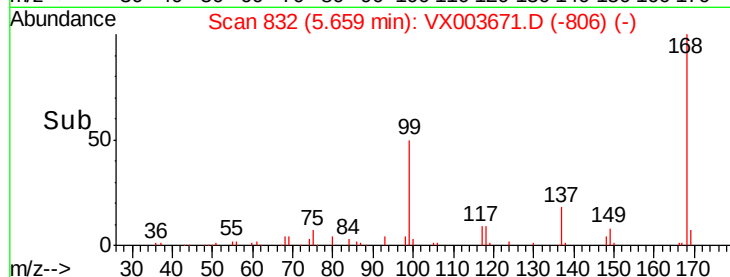
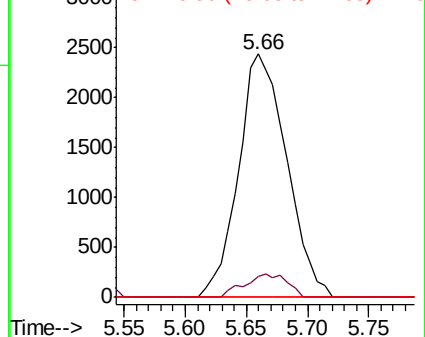
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.55 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

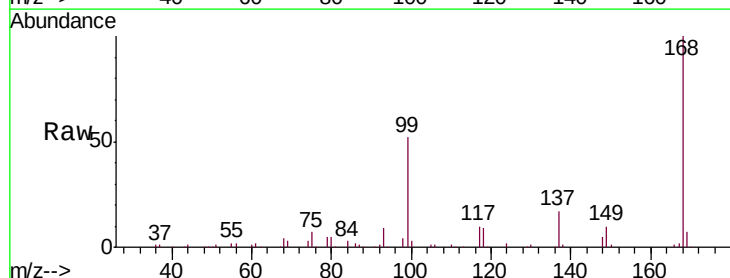
Tgt Ion: 117 Resp: 8579

Ion Ratio Lower Upper

117 100

119 4.2 81.0 121.4#

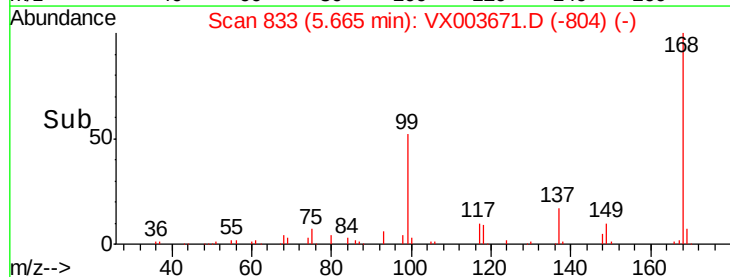
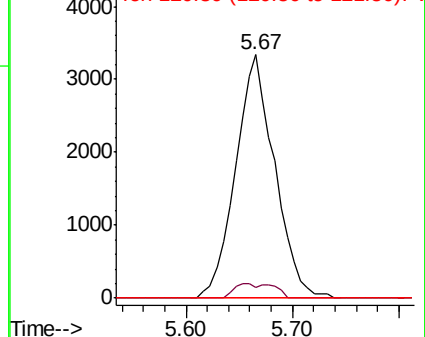
121 0.0 23.7 35.5#

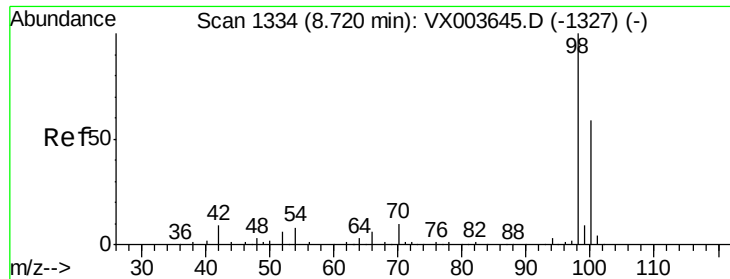


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.53 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

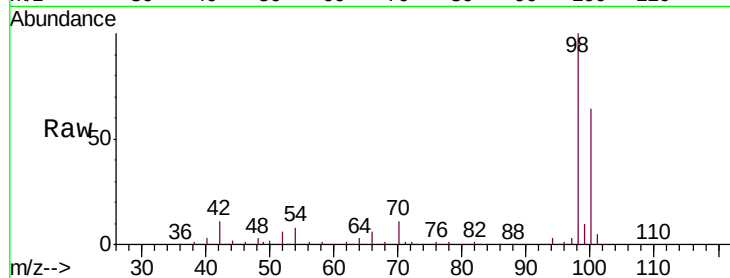
VX0726WBL01

Tot Ion: 98 Resp: 216417

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

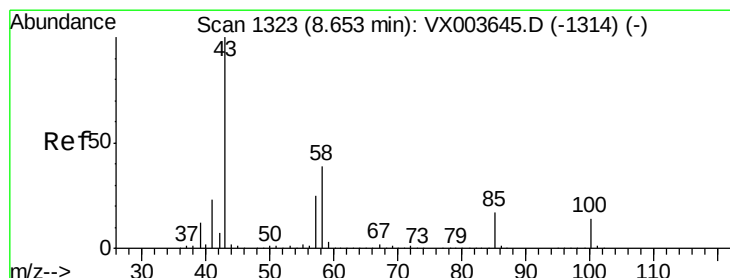
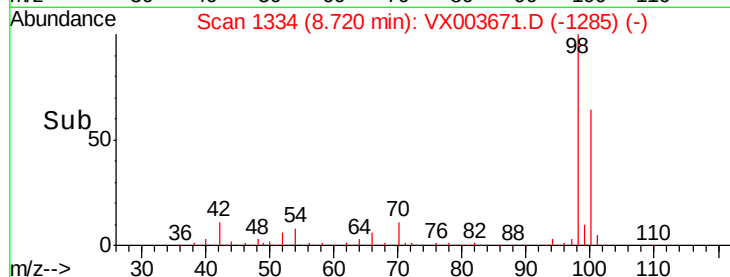
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 0.48 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. 0.06 min

Lab File: VX003671.D

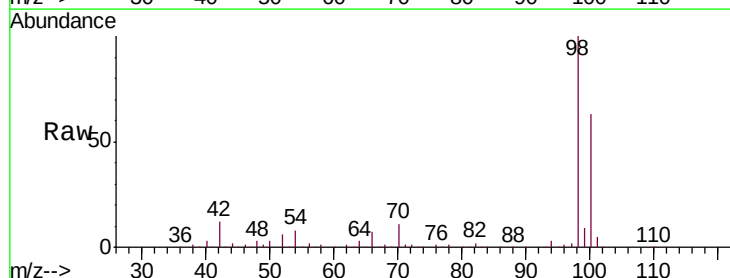
Acq: 26 Jul 2018 15:36

Tgt Ion: 43 Resp: 913

Ion Ratio Lower Upper

43 100

58 194.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

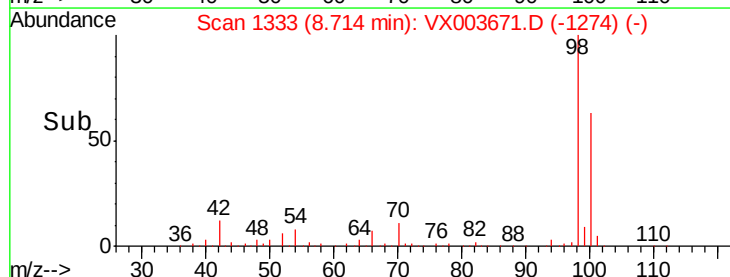
600

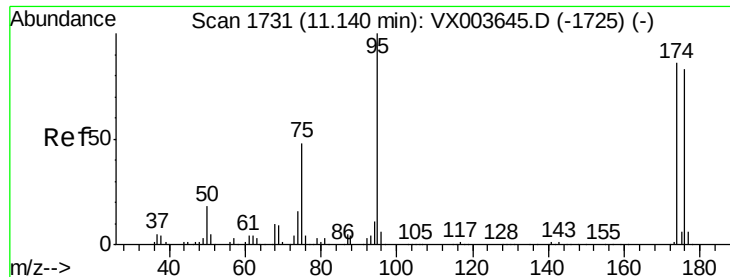
400

200

0

Time--> 8.65 8.70 8.75





#62

4-Bromofluorobenzene

Concen: 46.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBL01

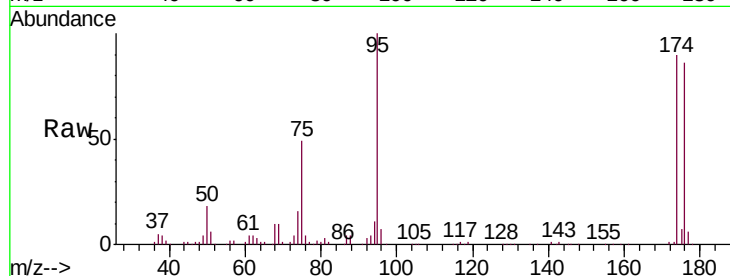
Tot Ion: 95 Resp: 72485

Ion Ratio Lower Upper

95 100

174 91.7 0.0 179.0

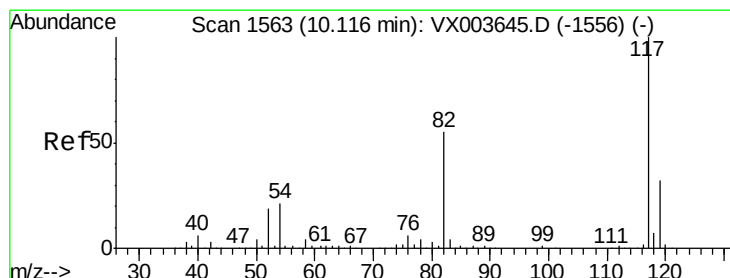
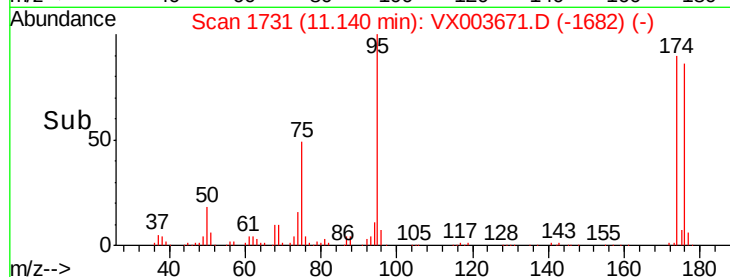
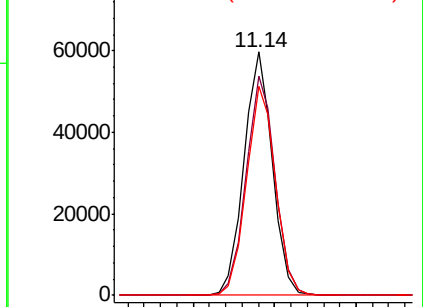
176 87.8 0.0 173.0



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

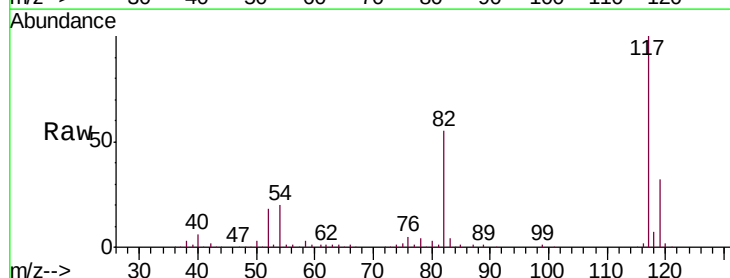
Tgt Ion: 117 Resp: 127448

Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

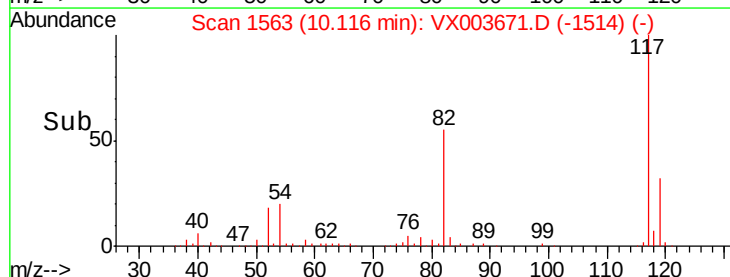
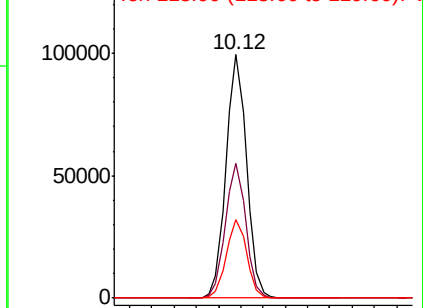
119 32.4 25.6 38.4

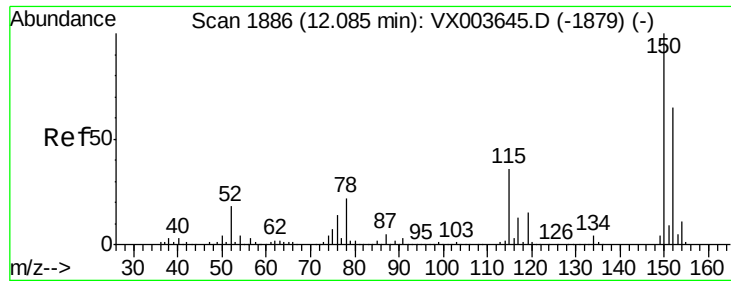


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampled :

VX0726WBL01

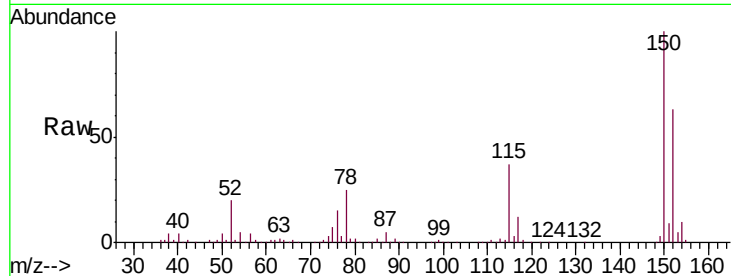
Tot Ion:152 Resp: 65754

Ion Ratio Lower Upper

152 100

115 56.2 40.0 119.9

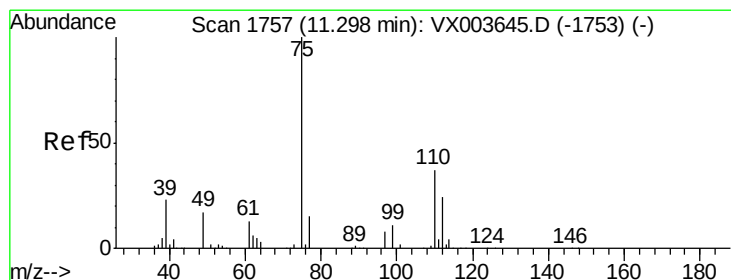
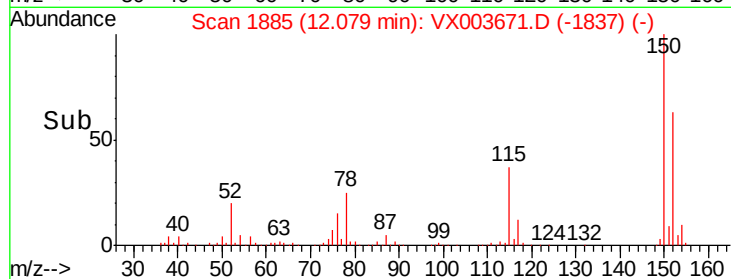
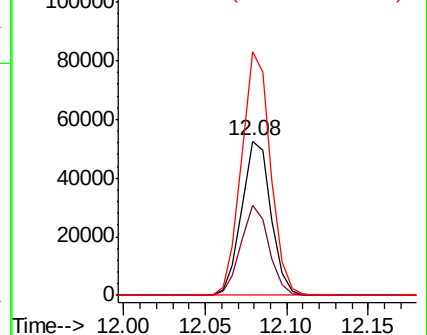
150 156.9 0.0 348.4



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



#76

1,2,3-Trichloropropane

Concen: 25.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003671.D

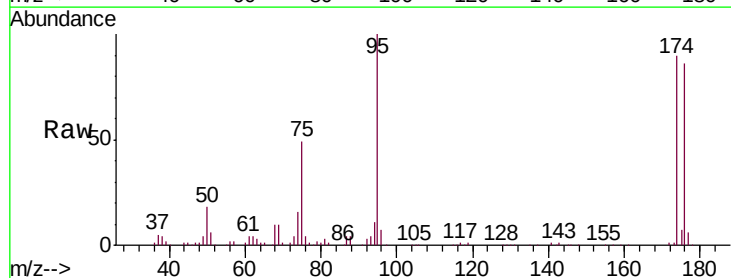
Acq: 26 Jul 2018 15:36

Tgt Ion: 75 Resp: 35420

Ion Ratio Lower Upper

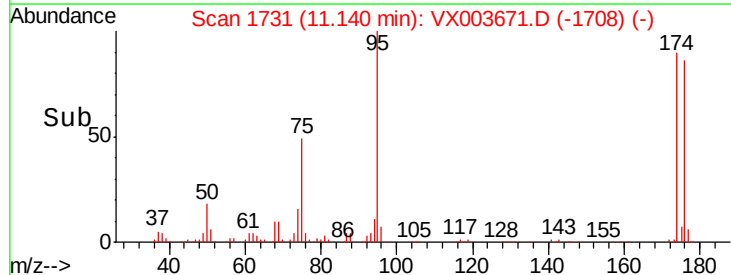
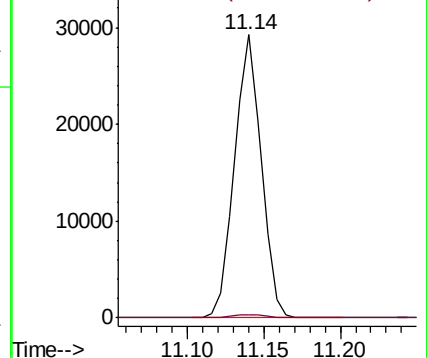
75 100

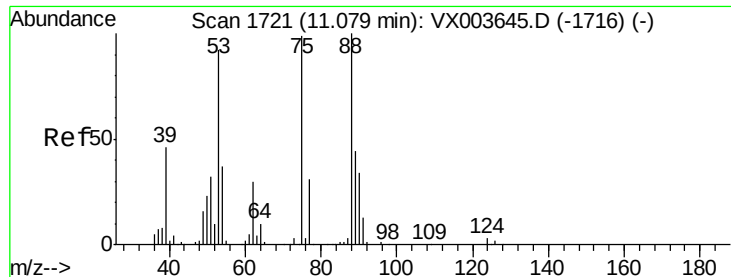
77 1.3 21.6 64.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 79.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003671.D

Acq: 26 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBL01

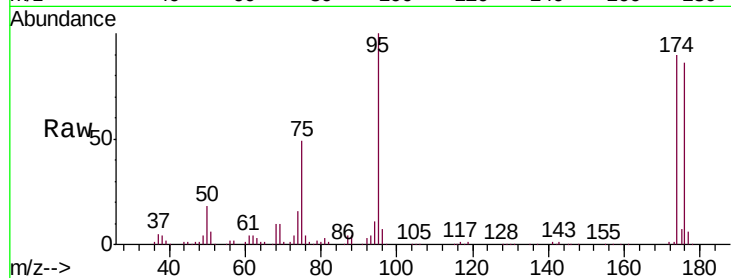
Tot Ion: 75 Resp: 35420

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

