

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001830.D
 Acq On : 18 May 2018 17:07
 Operator : JC/MD
 Sample : J2853-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 02:24:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185208	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	230216	56.20	ug/l	0.00
Spiked Amount			Recovery	=	112.40%	
35) Dibromofluoromethane	5.51	113	197141	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
50) Toluene-d8	8.72	98	709213	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	11.14	95	202488	42.94	ug/l	0.00
Spiked Amount			Recovery	=	85.88%	

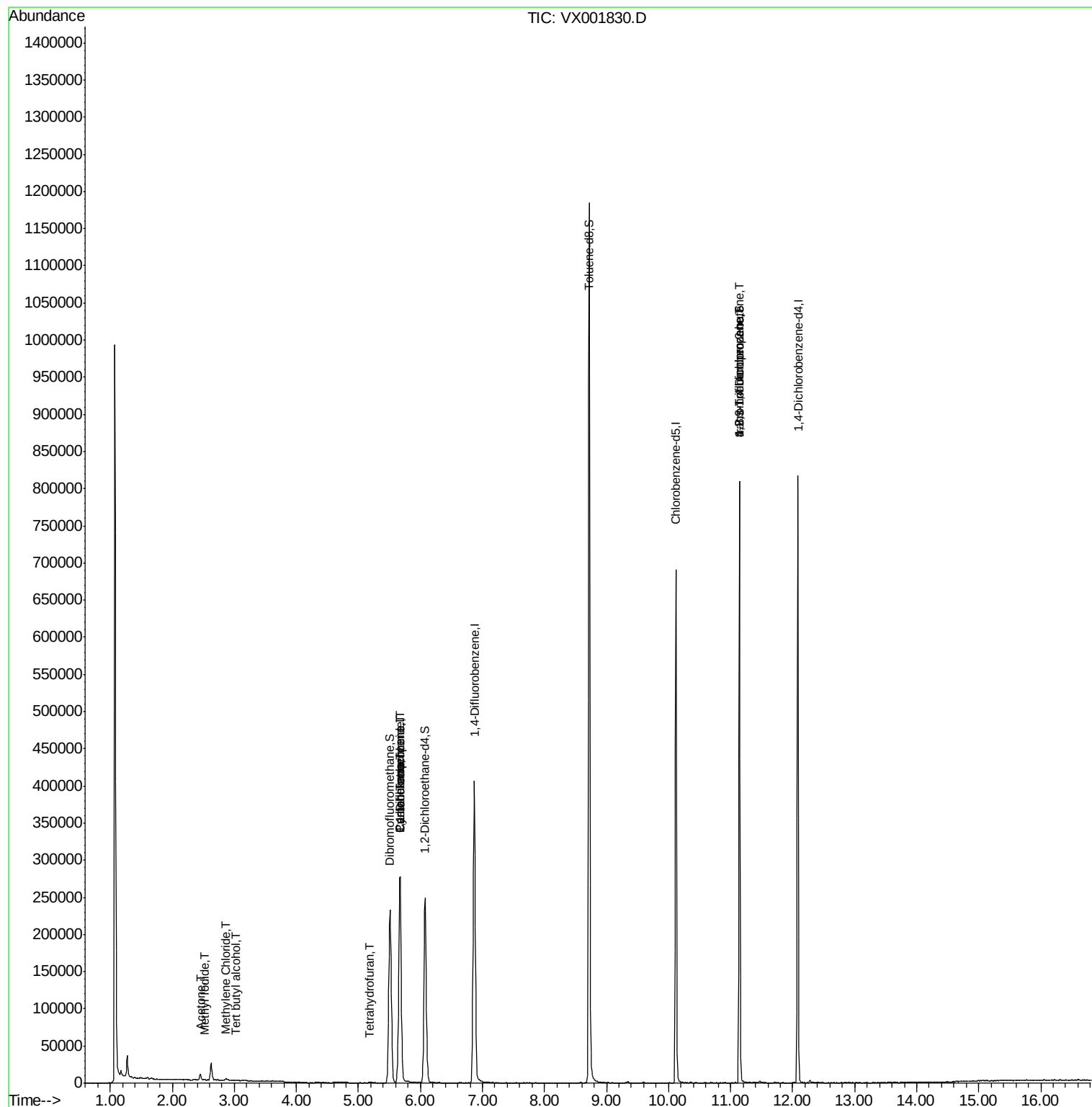
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1491	Below Cal		97
10) Methyl Iodide	2.52	142	1364	0.47 ug/l		93
11) Tert butyl alcohol	3.03	59	380	0.52 ug/l #		72
16) Acetone	2.45	43	8132	5.05 ug/l		99
20) Methylene Chloride	2.86	84	762	0.22 ug/l #		85
29) Tetrahydrofuran	5.18	42	722	0.45 ug/l #		58
31) Cyclohexane	5.67	56	4483	0.87 ug/l #		1
36) 1,1-Dichloropropene	5.67	75	17505	3.51 ug/l #		49
38) Carbon Tetrachloride	5.67	117	24548	4.70 ug/l #		16
76) 1,2,3-Trichloropropane	11.14	75	96128	27.30 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	96128	79.27 ug/l #		10

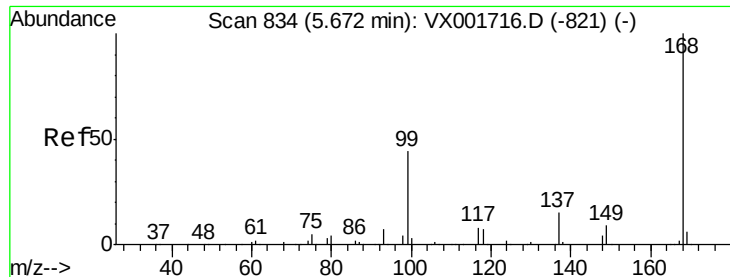
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

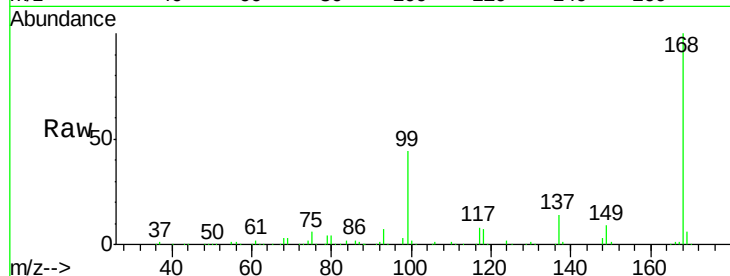
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 305622

Ion Ratio Lower Upper

168 100

99 44.3 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

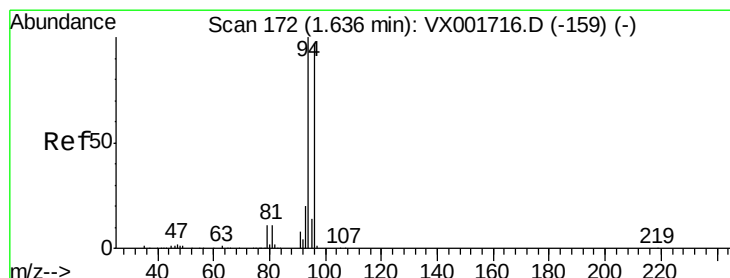
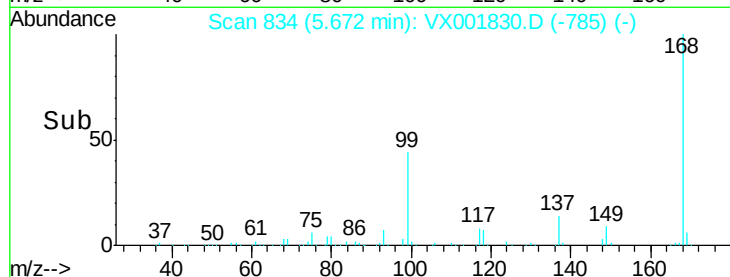
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001830.D

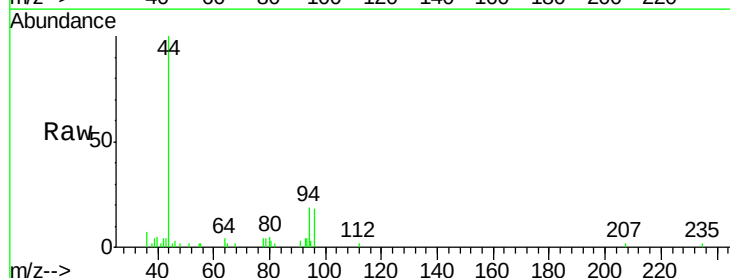
Acq: 18 May 2018 17:07

Tgt Ion: 94 Resp: 1491

Ion Ratio Lower Upper

94 100

96 93.9 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

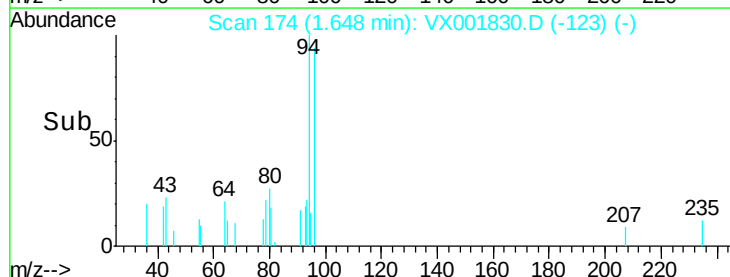
600

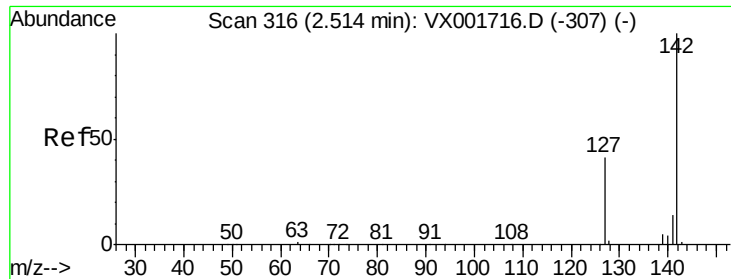
400

200

0

Time-->

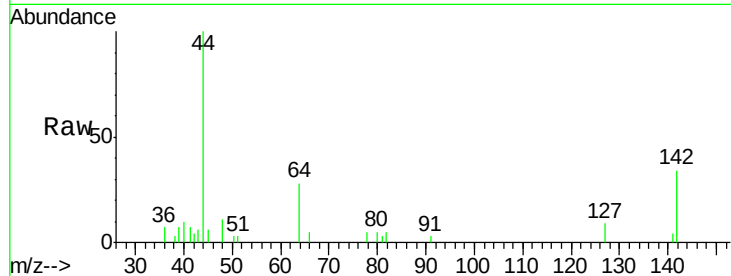




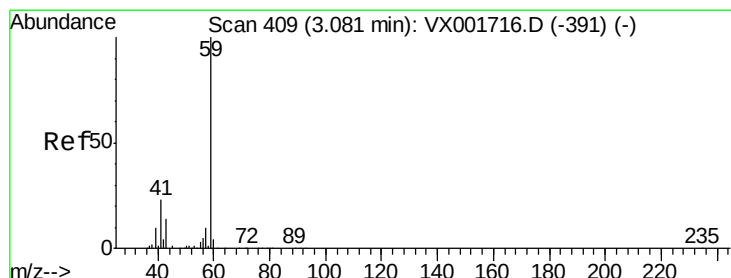
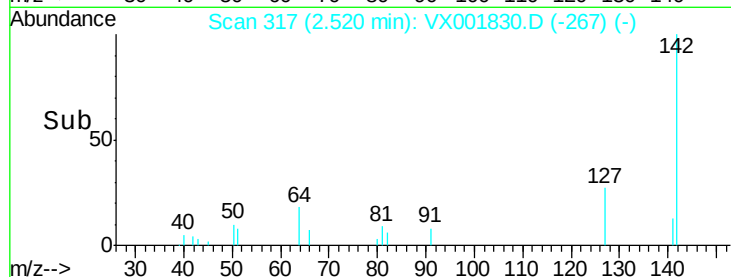
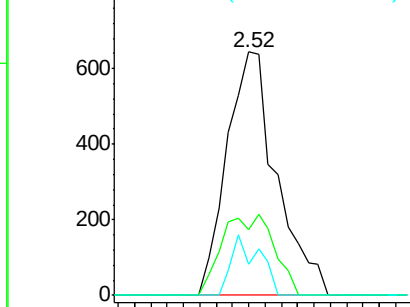
#10
Methyl Iodide
Concen: 0.47 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001830.D
Acq: 18 May 2018 17:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 1364
Ion Ratio Lower Upper
142 100
127 34.8 32.5 48.7
141 14.0 11.4 17.0

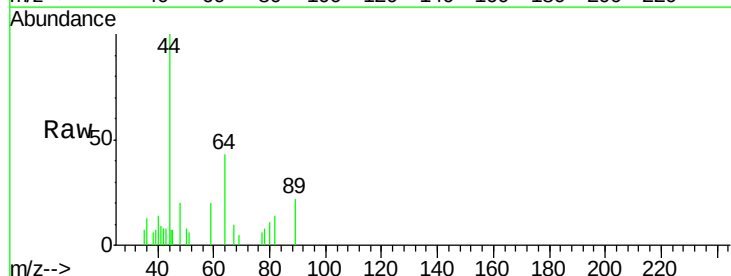


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

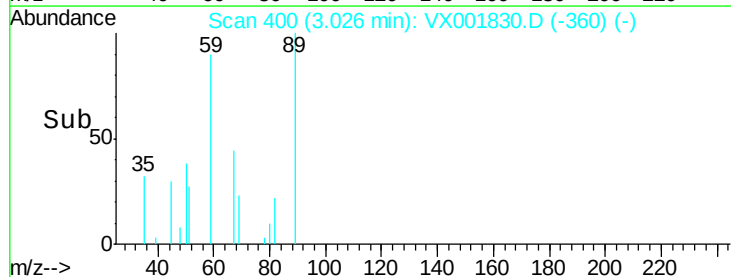
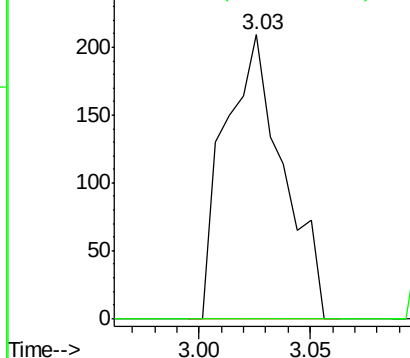


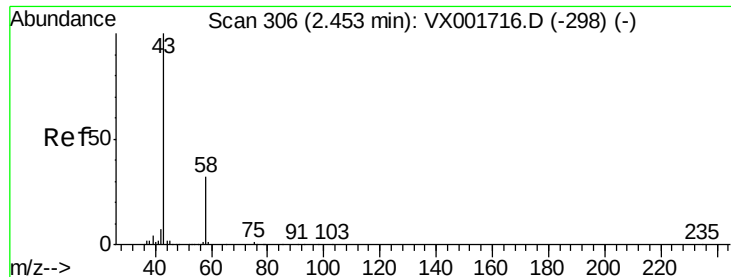
#11
Tert butyl alcohol
Concen: 0.52 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX001830.D
Acq: 18 May 2018 17:07

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 5.05 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

Instrument :

MSVOA_X

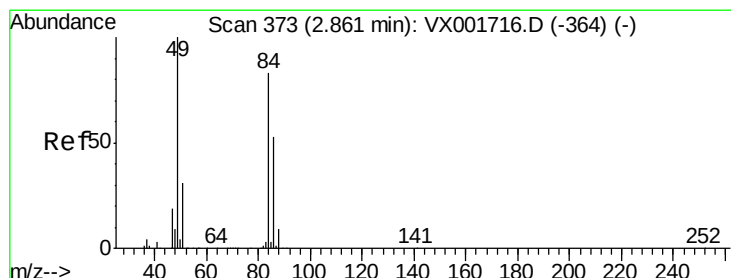
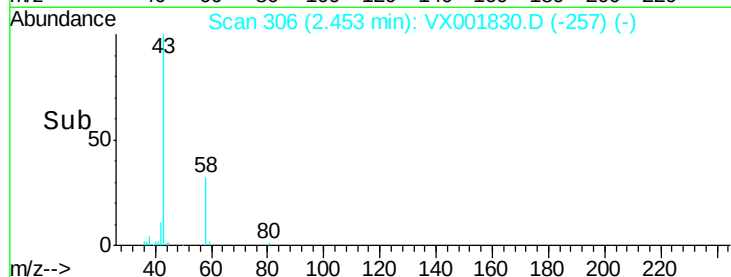
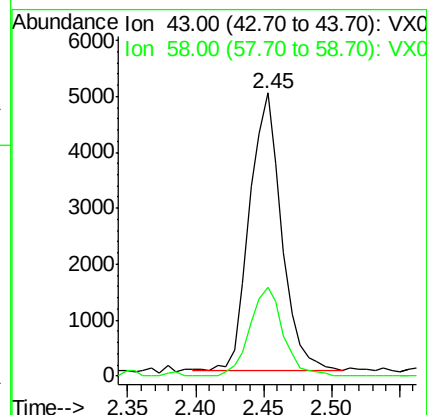
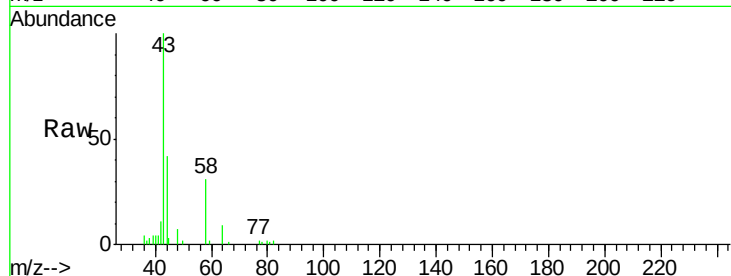
ClientSampleId :

Tot Ion: 43 Resp: 8132

Ion Ratio Lower Upper

43 100

58 32.1 25.3 37.9



#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

Tgt Ion: 84 Resp: 762

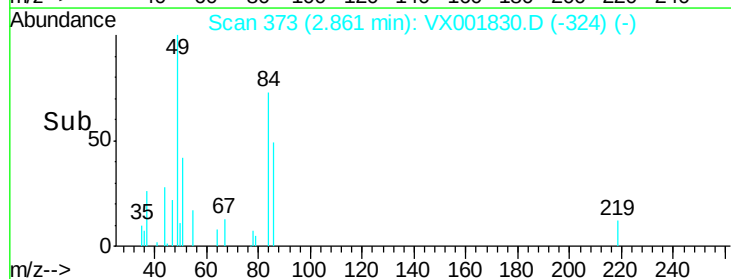
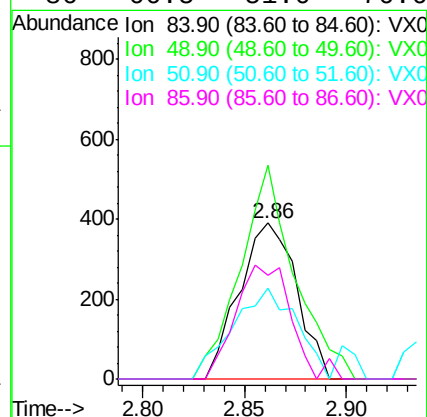
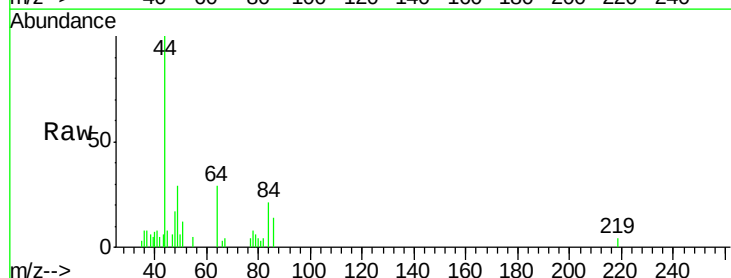
Ion Ratio Lower Upper

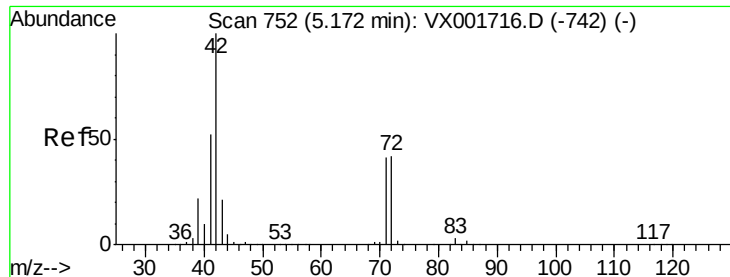
84 100

49 136.8 96.3 144.5

51 58.1 29.8 44.6#

86 66.5 51.0 76.6





#29

Tetrahydrofuran

Concen: 0.45 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

Instrument :

MSVOA_X

ClientSampled :

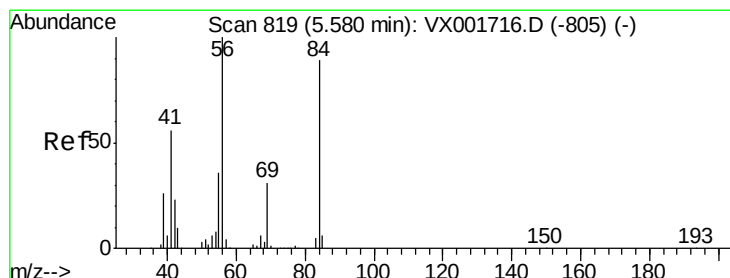
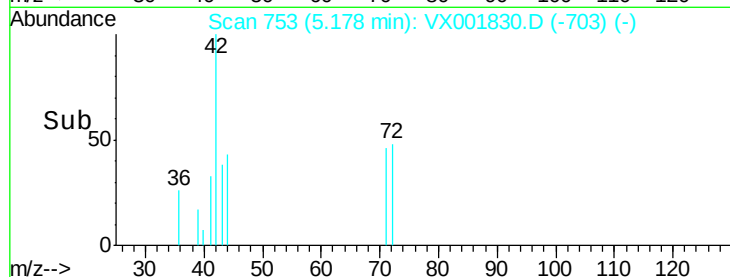
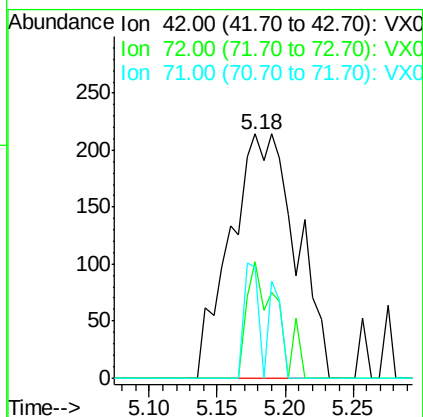
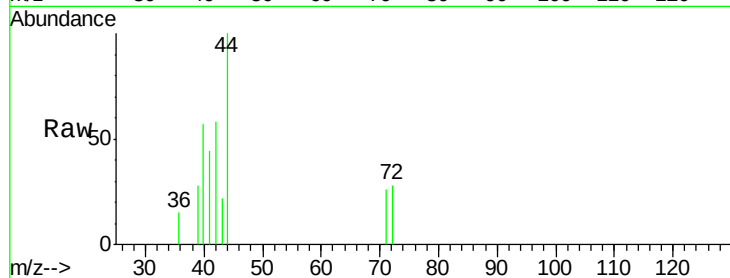
Tot Ion: 42 Resp: 722

Ion Ratio Lower Upper

42 100

72 21.6 35.4 53.2#

71 10.1 33.2 49.8#



#31

Cyclohexane

Concen: 0.87 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

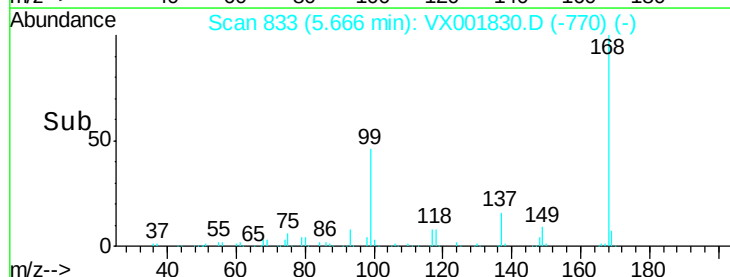
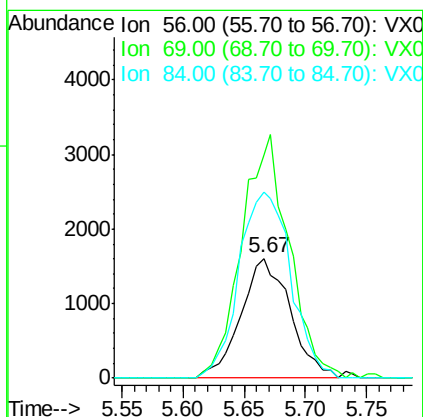
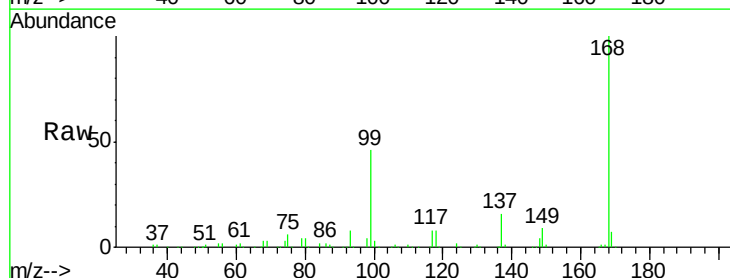
Tgt Ion: 56 Resp: 4483

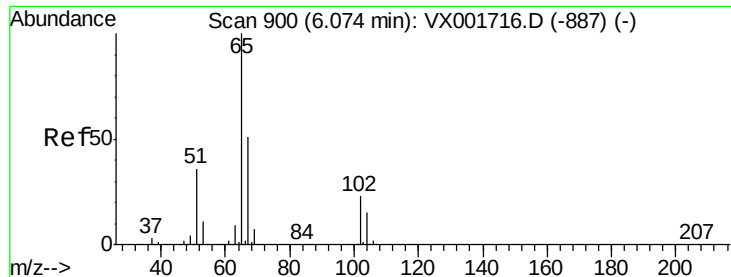
Ion Ratio Lower Upper

56 100

69 186.5 25.0 37.6#

84 155.7 71.0 106.4#

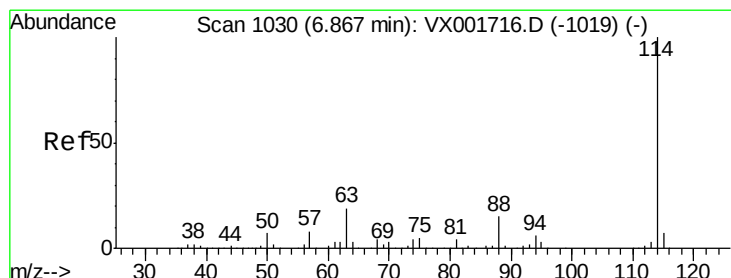
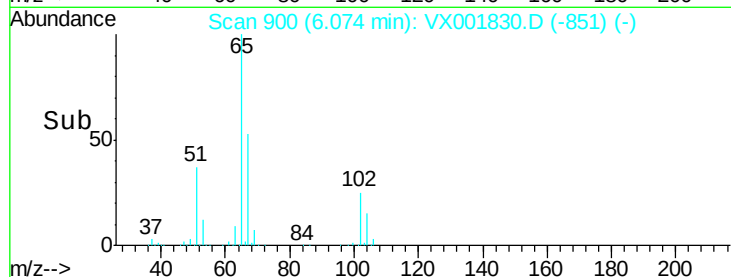
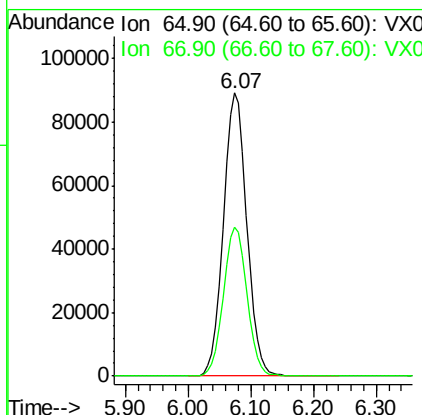
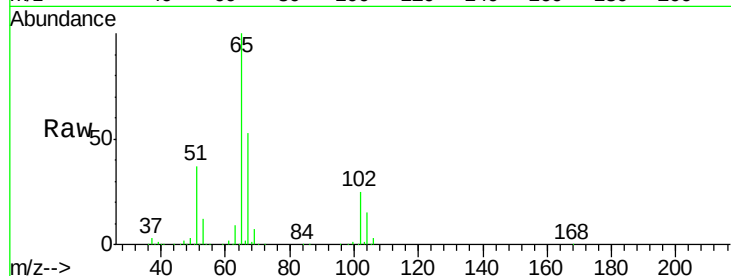




#33
 1,2-Dichloroethane-d4
 Concen: 56.20 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001830.D
 Acq: 18 May 2018 17:07

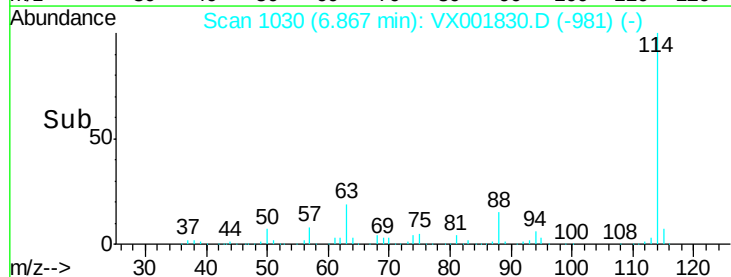
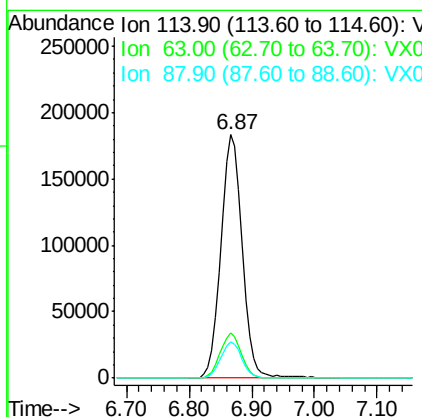
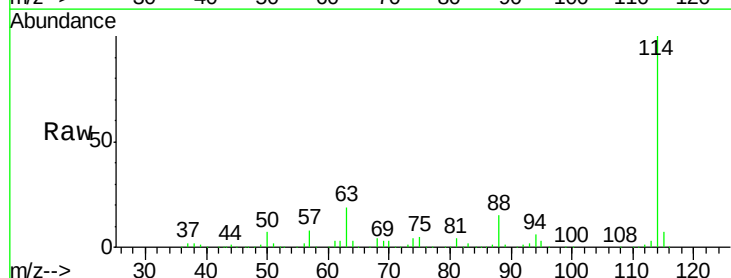
Instrument :
 MSVOA_X
 ClientSampleId :

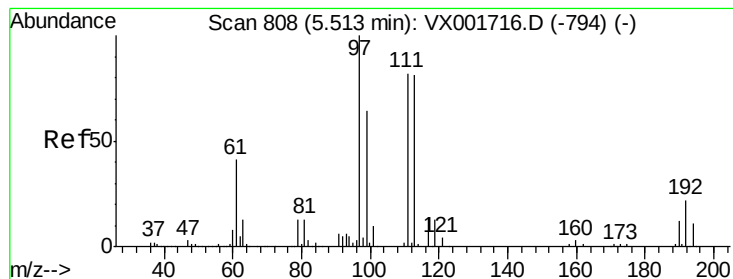
Tot Ion: 65 Resp: 230216
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001830.D
 Acq: 18 May 2018 17:07

Tgt Ion: 114 Resp: 433284
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.0
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 53.92 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

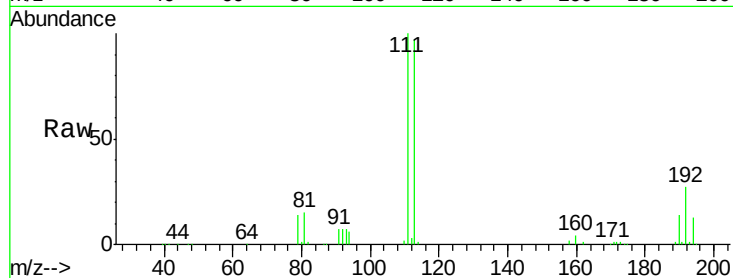
Tot Ion:113 Resp: 197141

Ion Ratio Lower Upper

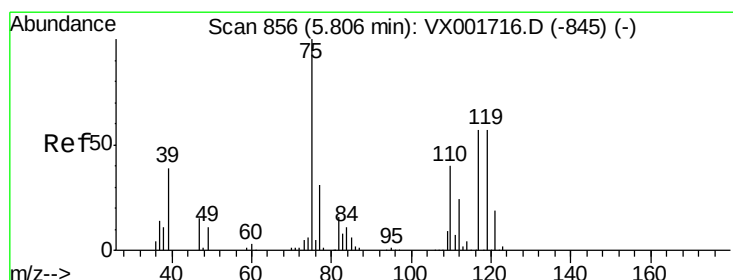
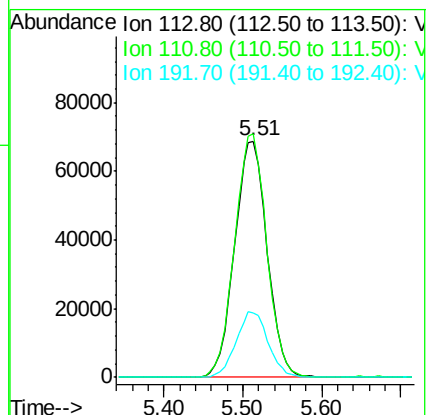
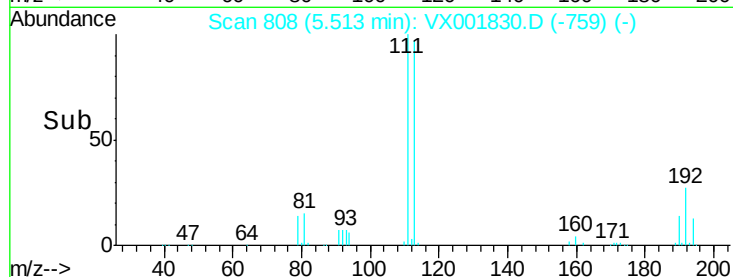
113 100

111 101.6 82.0 123.0

192 27.4 21.6 32.4



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: 3.51 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

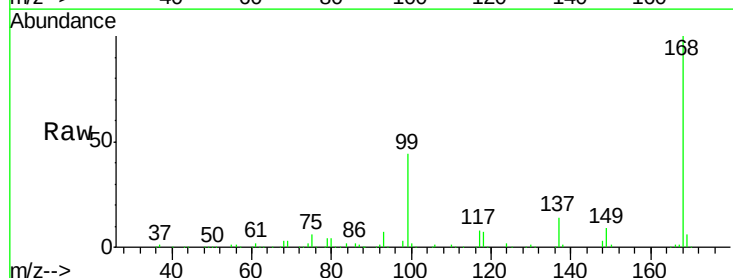
Tgt Ion: 75 Resp: 17505

Ion Ratio Lower Upper

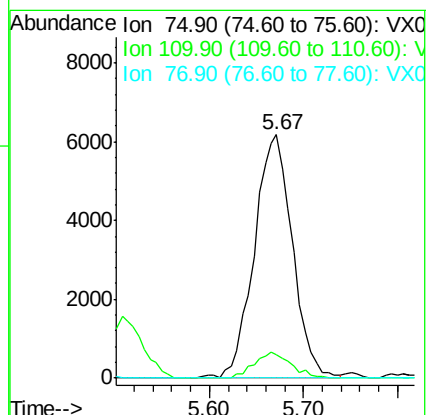
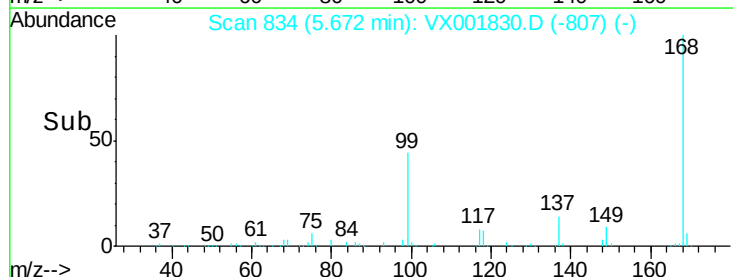
75 100

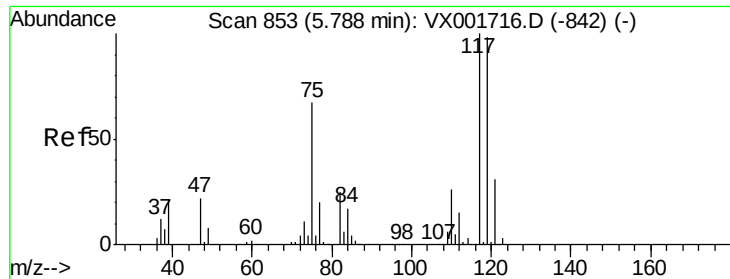
110 10.2 19.1 57.1#

77 0.0 24.6 37.0#



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

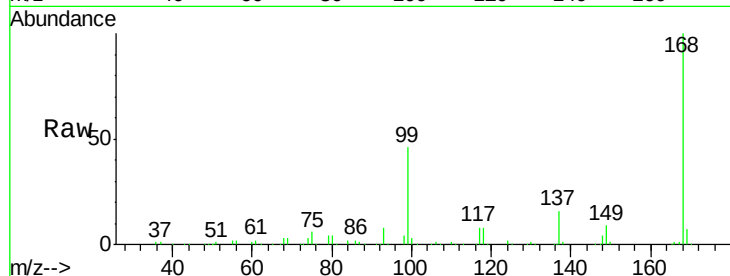




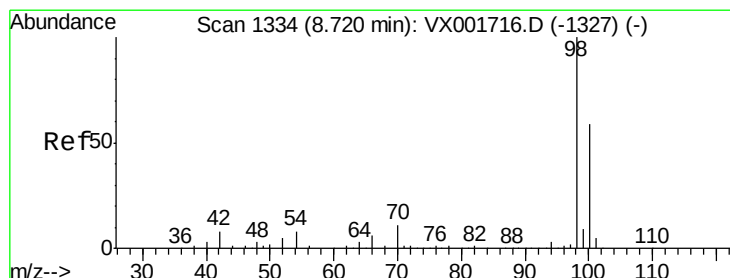
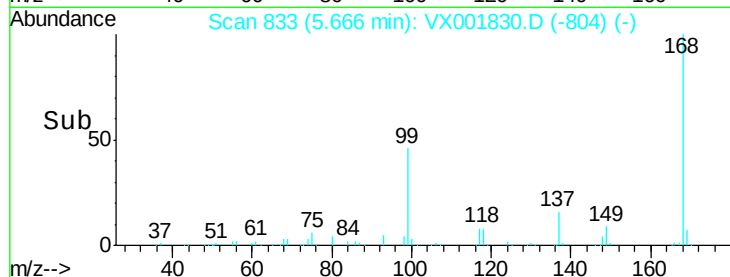
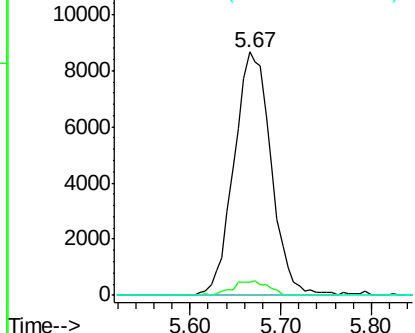
#38
Carbon Tetrachloride
Concen: 4.70 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001830.D
Acq: 18 May 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 24548
Ion Ratio Lower Upper
117 100
119 5.4 77.6 116.4#
121 0.0 24.6 36.8#

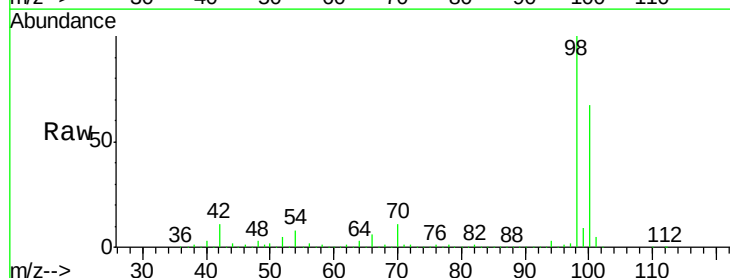


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

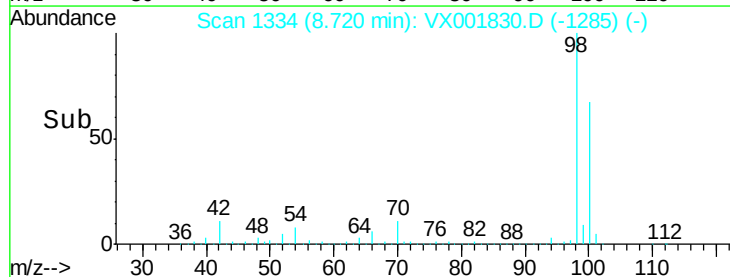
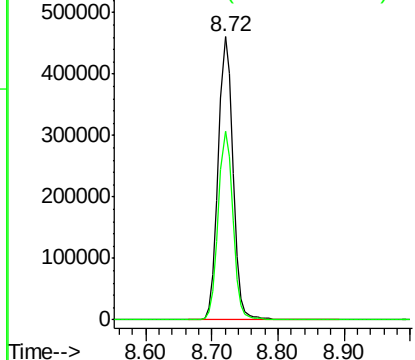


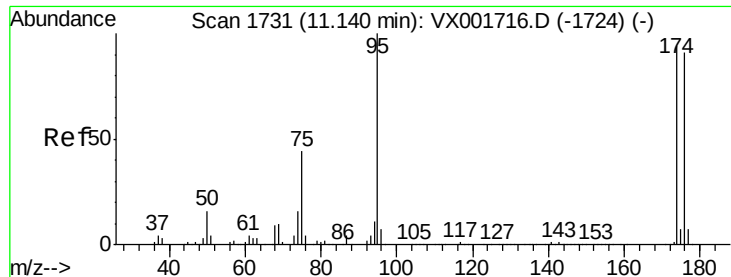
#50
Toluene-d8
Concen: 54.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001830.D
Acq: 18 May 2018 17:07

Tgt Ion: 98 Resp: 709213
Ion Ratio Lower Upper
98 100
100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

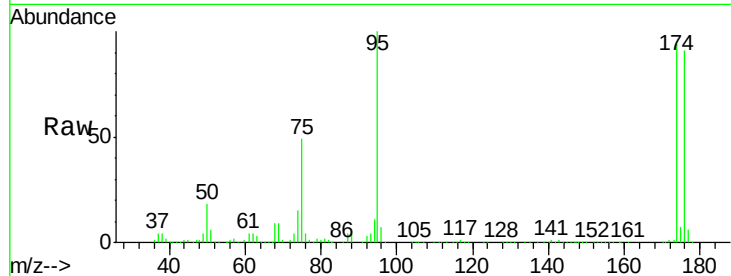




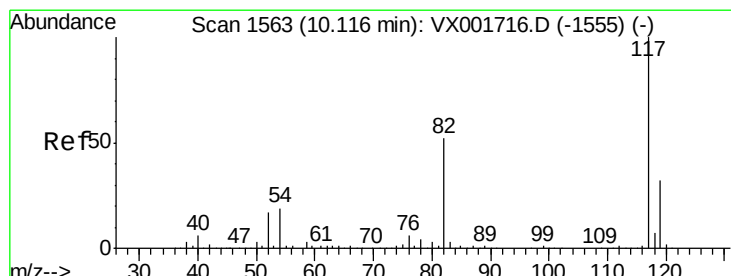
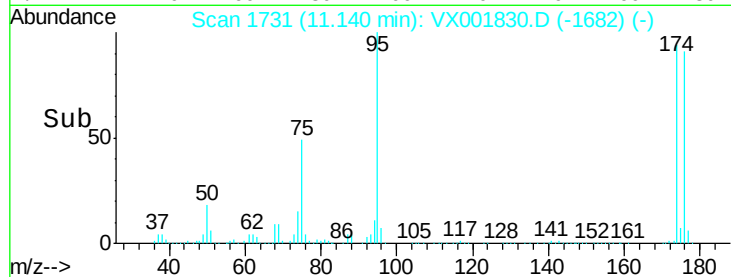
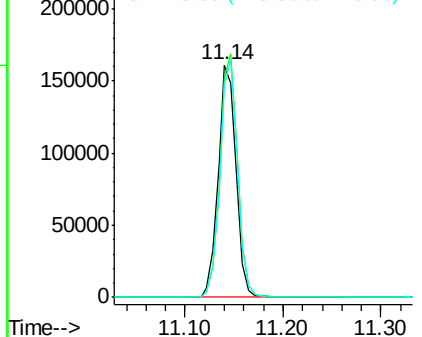
#62
4-Bromofluorobenzene
Concen: 42.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001830.D
Acq: 18 May 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 202488
Ion Ratio Lower Upper
95 100
174 103.6 0.0 201.8
176 100.7 0.0 196.8

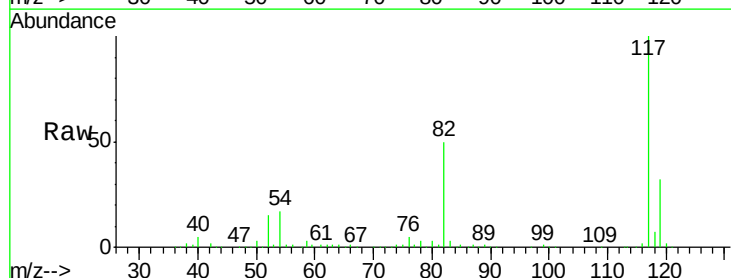


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

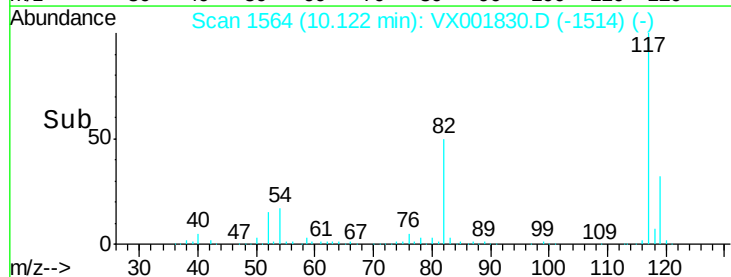
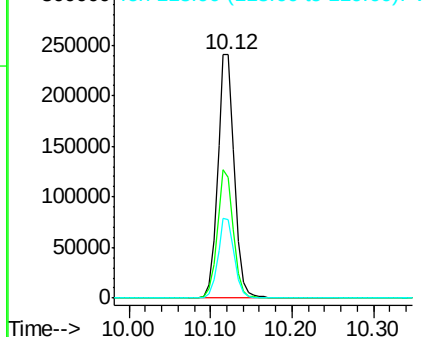


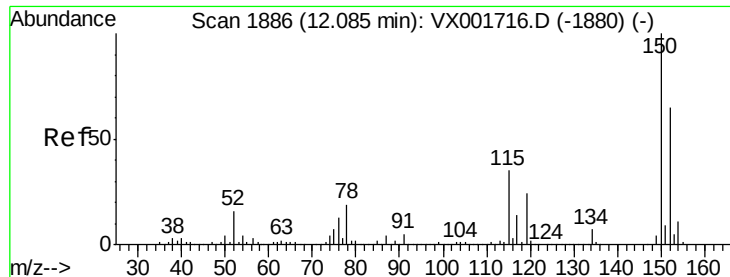
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001830.D
Acq: 18 May 2018 17:07

Tgt Ion: 117 Resp: 343065
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 32.3 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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

Instrument :

MSVOA_X

ClientSampled :

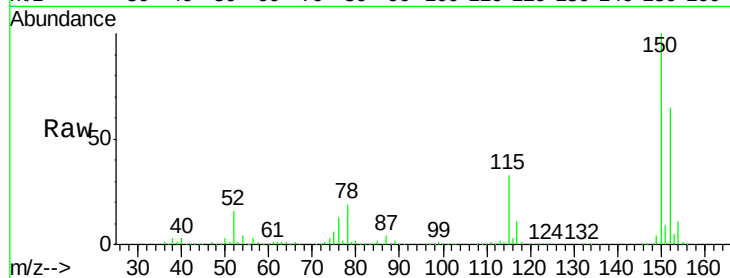
Tot Ion:152 Resp: 185208

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

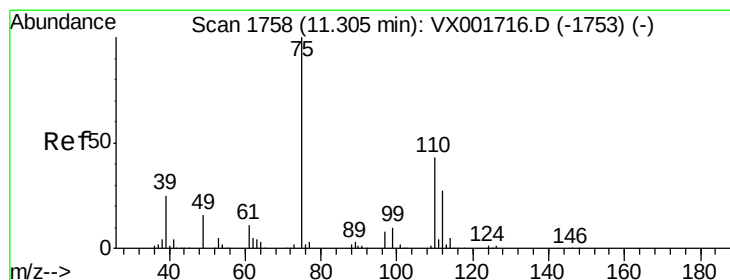
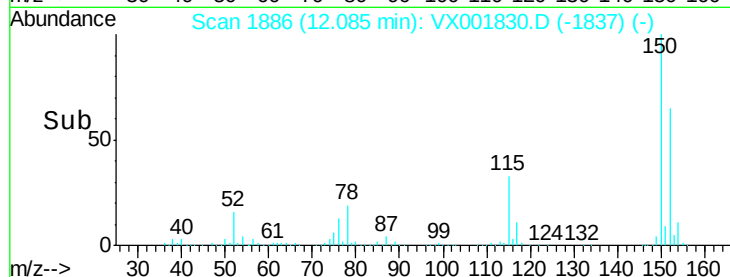
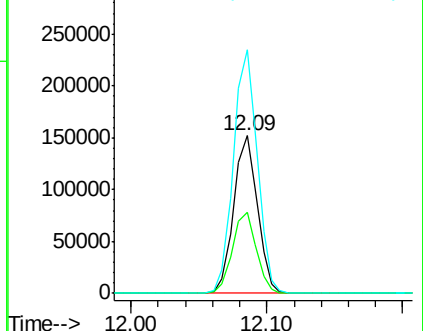
150 155.2 0.0 344.8



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: 27.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001830.D

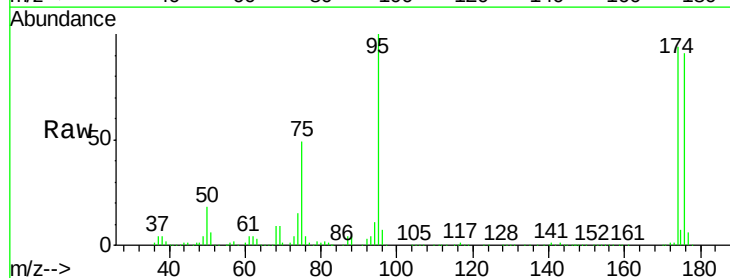
Acq: 18 May 2018 17:07

Tgt Ion: 75 Resp: 96128

Ion Ratio Lower Upper

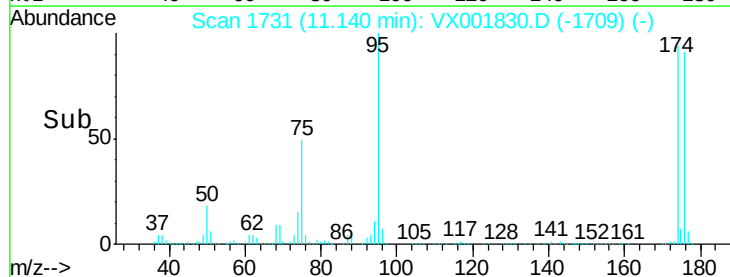
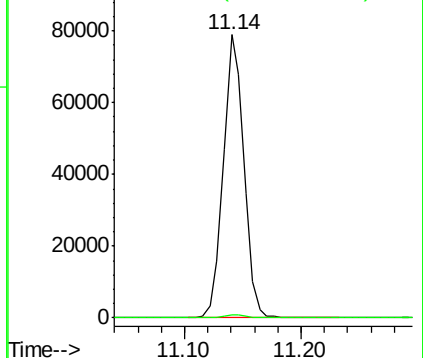
75 100

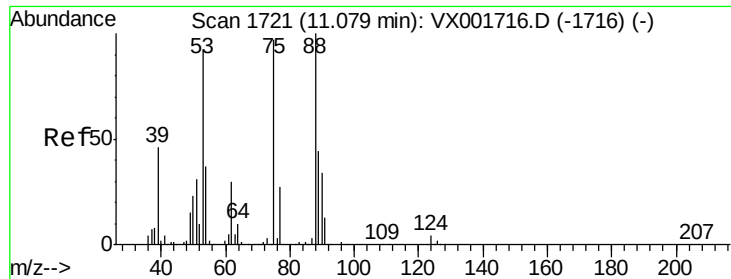
77 1.3 18.9 56.7#



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: 79.27 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001830.D
 Acq: 18 May 2018 17:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 96128
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.4 119.2#
 89 0.1 38.8 58.2#

