

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001017.D
 Acq On : 20 Apr 2018 18:50
 Operator : JC/MD
 Sample : J2349-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:37:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	202983	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	153101	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
35) Dibromofluoromethane	5.51	113	117167	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
50) Toluene-d8	8.72	98	466400	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.14	95	182397	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	

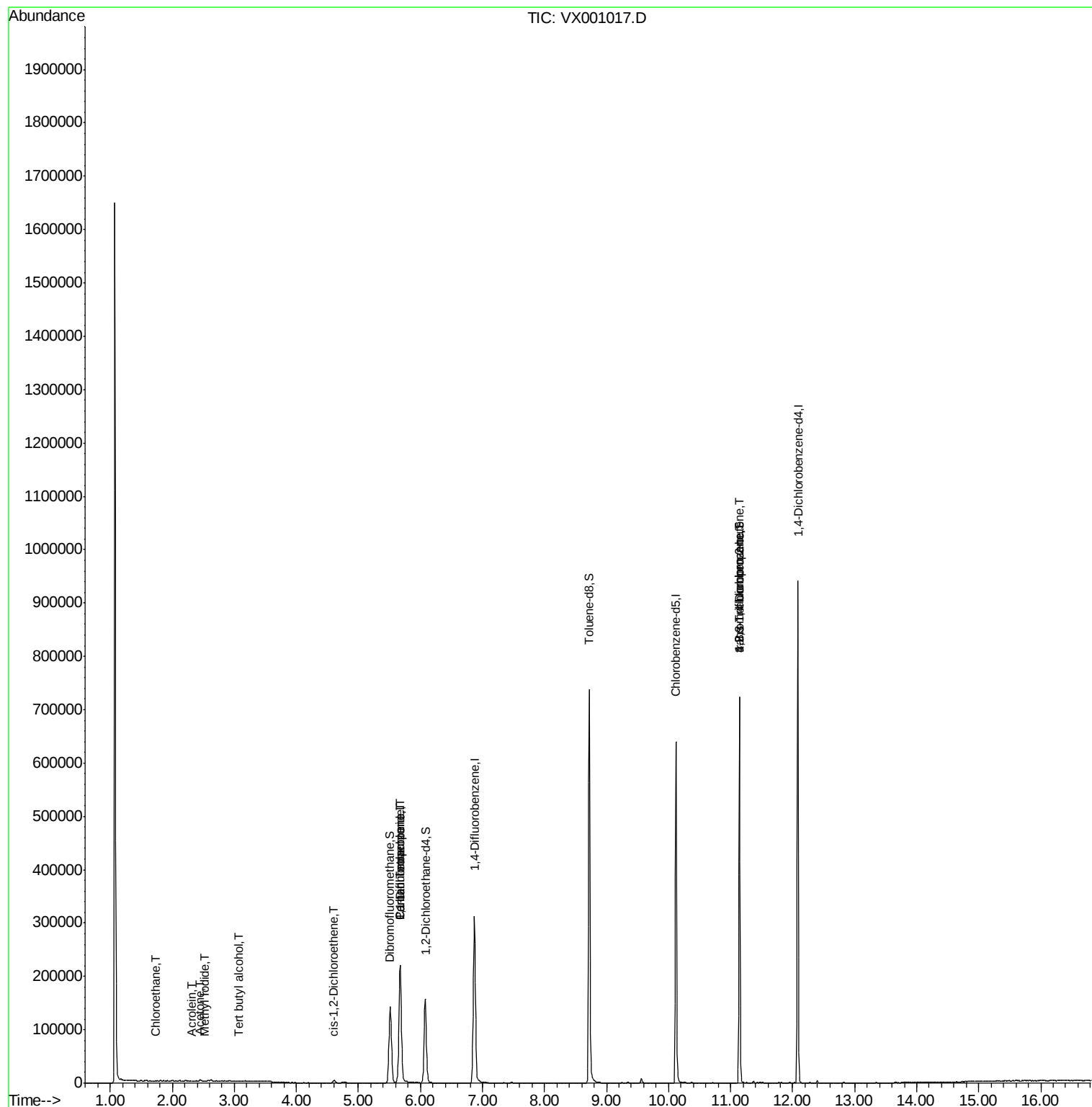
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	220	Below Cal	#	74
6) Chloroethane	1.73	64	494	0.29	ug/l #	85
10) Methyl Iodide	2.52	142	112	7.64	ug/l #	41
11) Tert butyl alcohol	3.06	59	112	0.25	ug/l #	16
13) Acrolein	2.32	56	173	12.10	ug/l #	49
16) Acetone	2.45	43	1684	1.48	ug/l #	79
20) Methylene Chloride	2.87	84	137	Below Cal	#	33
27) cis-1,2-Dichloroethene	4.61	96	2921	1.02	ug/l	89
36) 1,1-Dichloropropene	5.67	75	15044	3.88	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20548	5.23	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	92506	26.27	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	92506	78.62	ug/l #	8

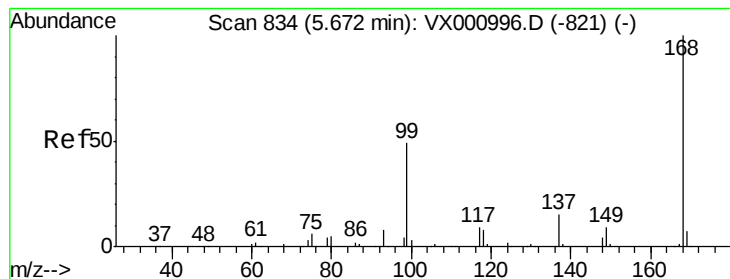
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
Data File : VX001017.D
Acq On : 20 Apr 2018 18:50
Operator : JC/MD
Sample : J2349-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 21 05:37:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 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: VX001017.D

Acq: 20 Apr 2018 18:50

Instrument :

MSVOA_X

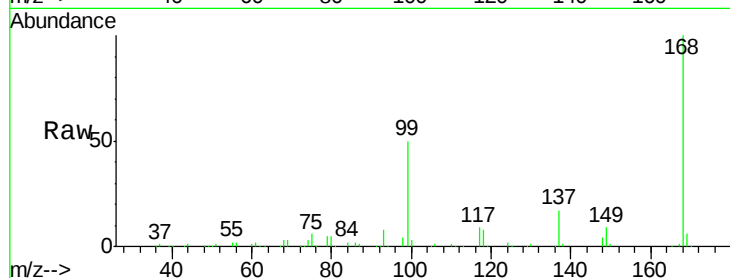
ClientSampled :

Tot Ion:168 Resp: 237929

Ion Ratio Lower Upper

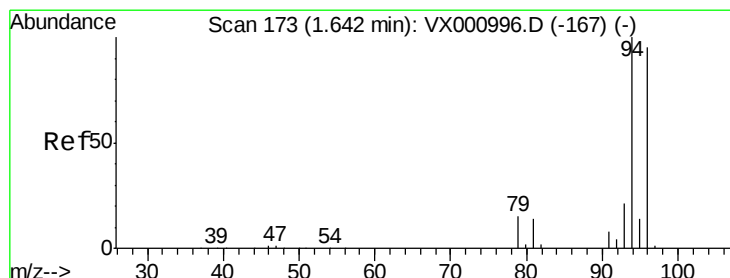
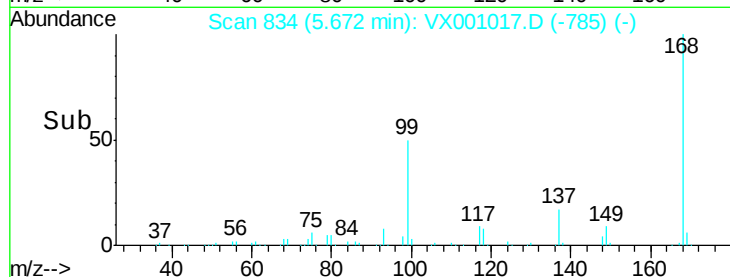
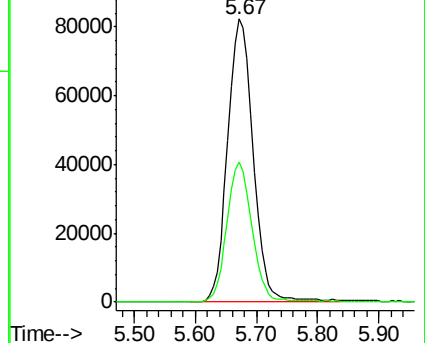
168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX001017.D

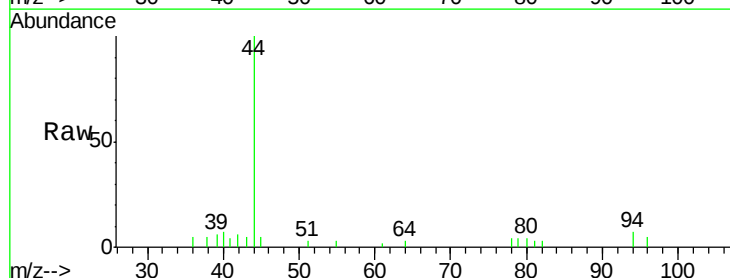
Acq: 20 Apr 2018 18:50

Tgt Ion: 94 Resp: 220

Ion Ratio Lower Upper

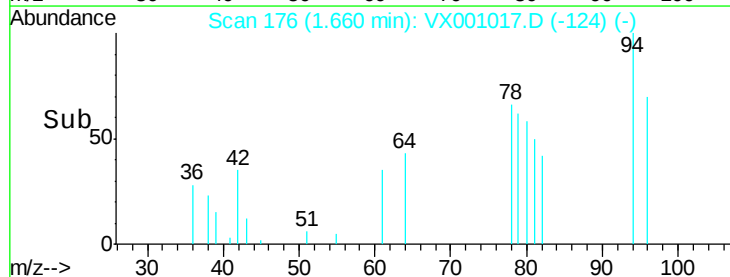
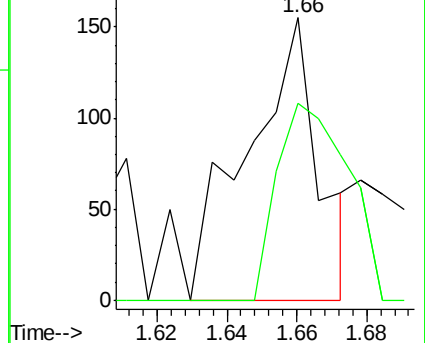
94 100

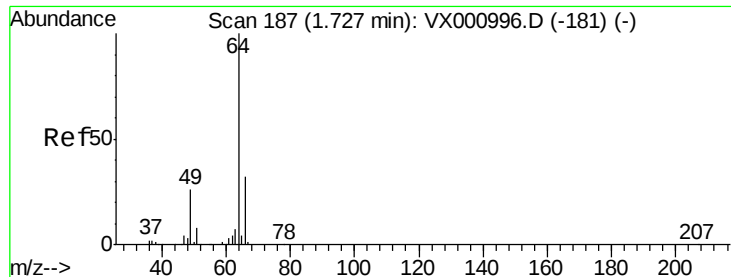
96 69.7 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.29 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001017.D

Acq: 20 Apr 2018 18:50

Instrument :

MSVOA_X

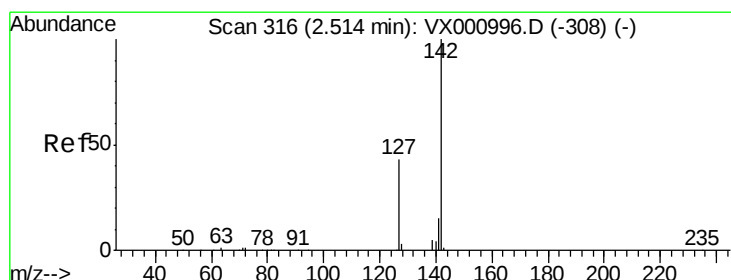
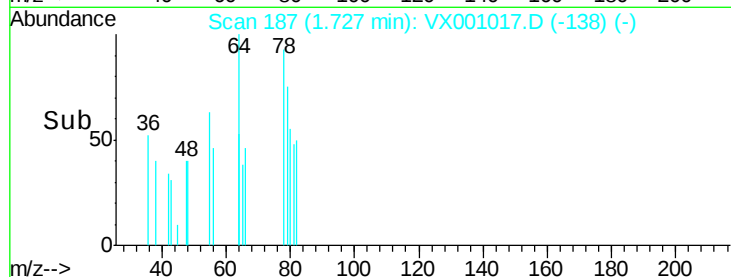
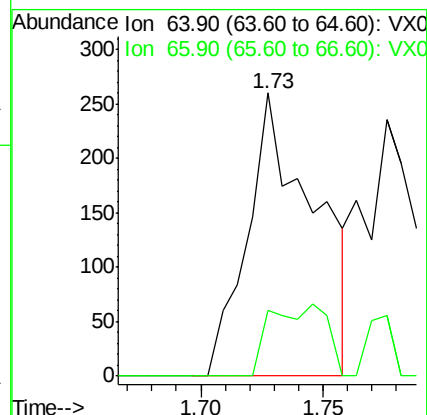
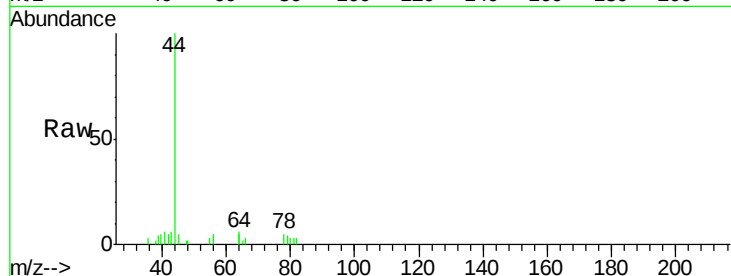
ClientSampled :

Tot Ion: 64 Resp: 494

Ion Ratio Lower Upper

64 100

66 23.1 25.3 37.9#



#10

Methyl Iodide

Concen: 7.64 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001017.D

Acq: 20 Apr 2018 18:50

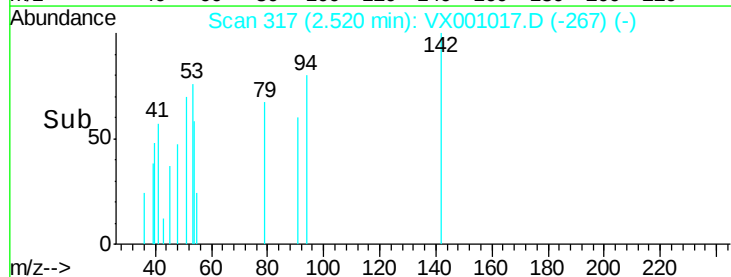
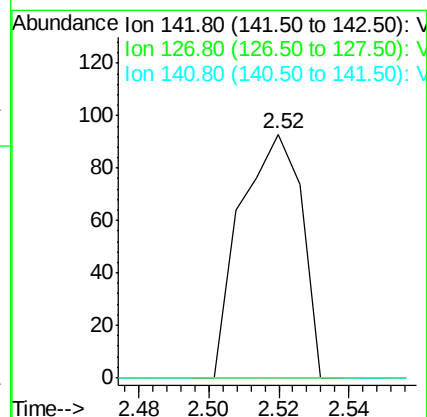
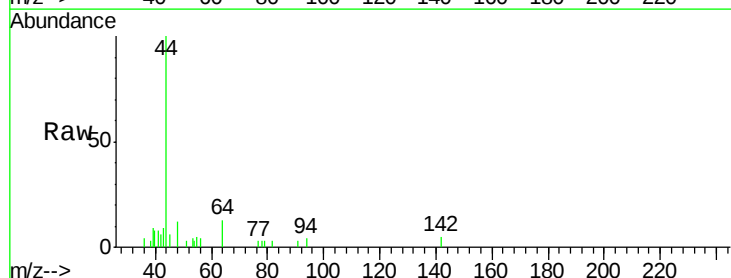
Tgt Ion: 142 Resp: 112

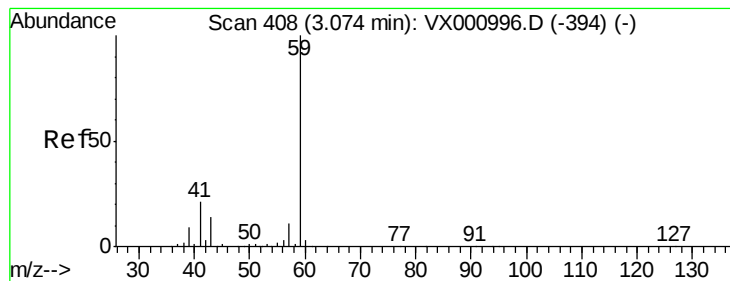
Ion Ratio Lower Upper

142 100

127 0.0 34.0 51.0#

141 0.0 11.4 17.2#



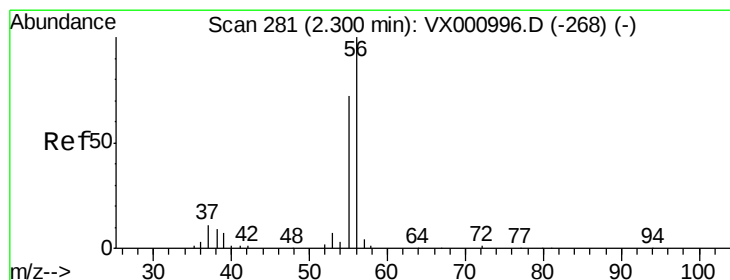
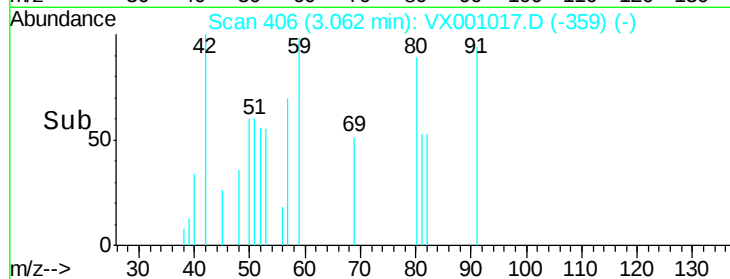
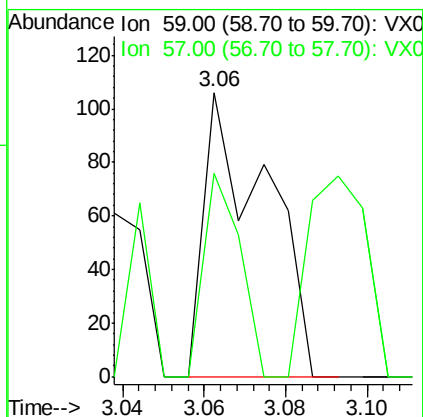
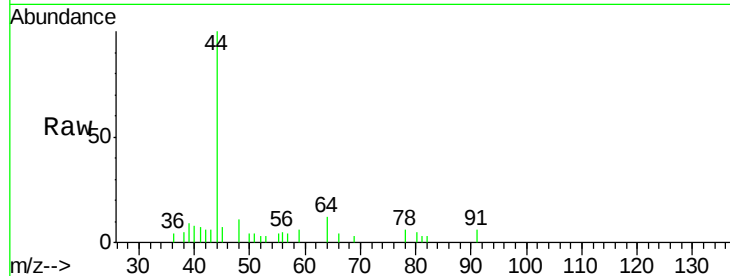


#11

Tert butyl alcohol
 Concen: 0.25 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: VX001017.D
 Acq: 20 Apr 2018 18:50

Instrument :
 MSVOA_X
 ClientSampled :

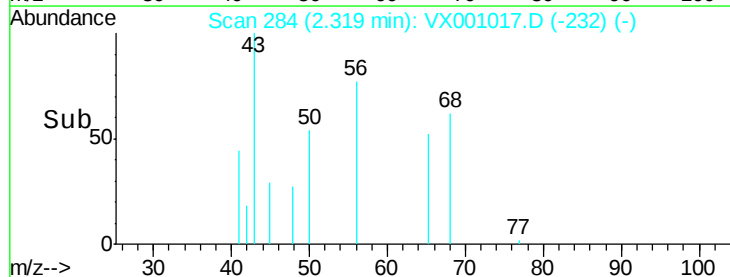
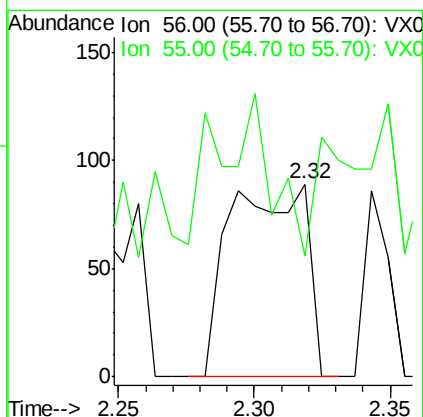
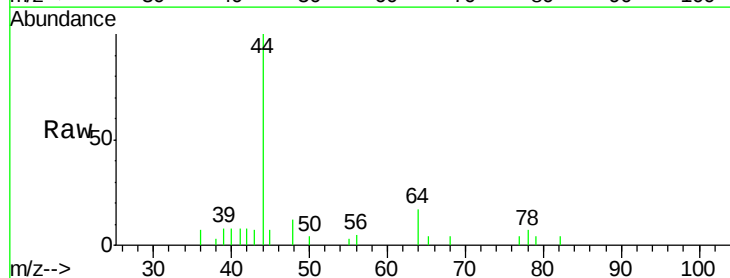
Tot Ion: 59 Resp: 112
 Ion Ratio Lower Upper
 59 100
 57 42.0 8.3 12.5#

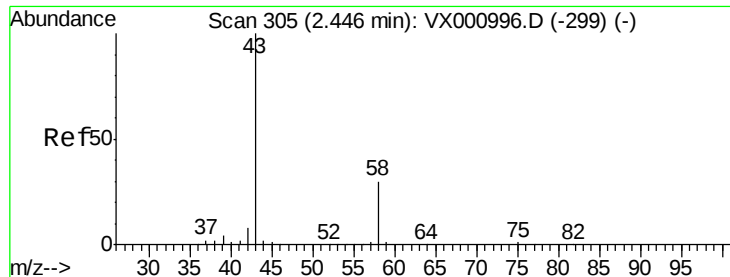


#13

Acrolein
 Concen: 12.10 ug/l
 RT: 2.32 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: VX001017.D
 Acq: 20 Apr 2018 18:50

Tgt Ion: 56 Resp: 173
 Ion Ratio Lower Upper
 56 100
 55 29.5 57.4 86.2#





#16

Acetone

Concen: 1.48 ua/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001017.D

Acq: 20 Apr 2018 18:50

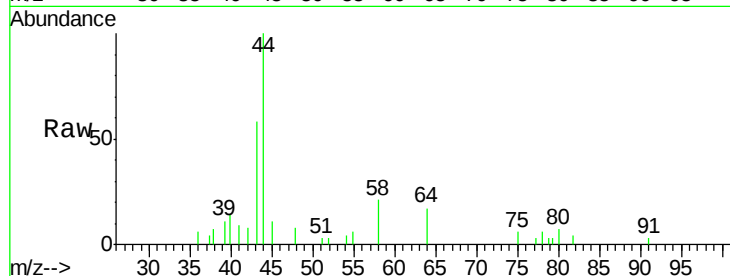
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1684

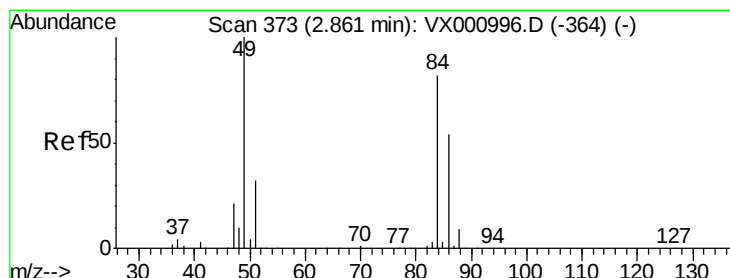
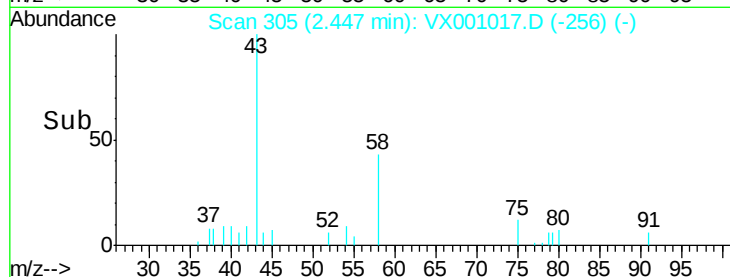
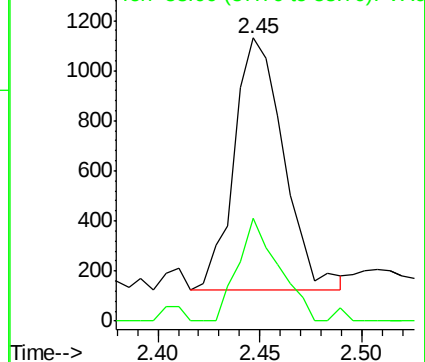
Ion Ratio Lower Upper

43 100

58 40.8 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001017.D

Acq: 20 Apr 2018 18:50

Tgt Ion: 84 Resp: 137

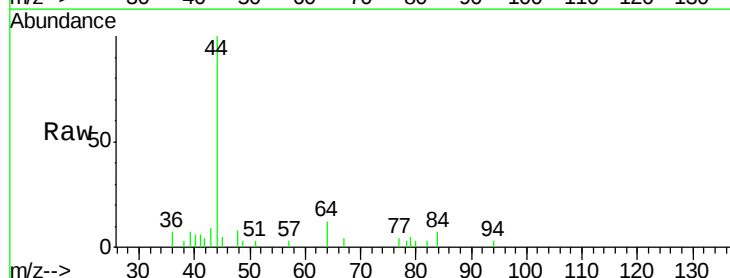
Ion Ratio Lower Upper

84 100

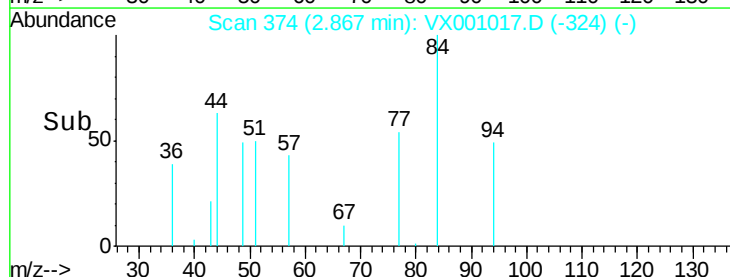
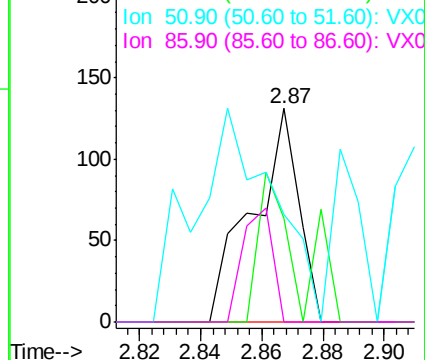
49 48.9 97.1 145.7#

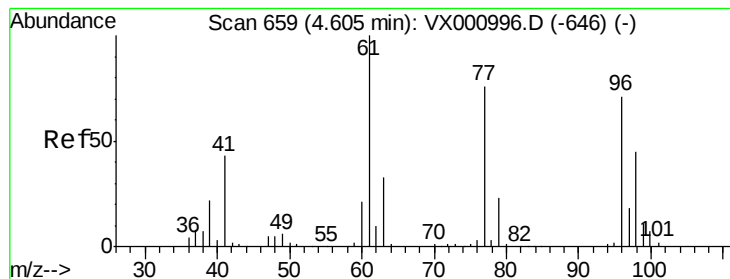
51 8.4 30.8 46.2#

86 0.0 52.3 78.5#



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.02 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001017.D

Acq: 20 Apr 2018 18:50

Instrument :
MSVOA_X
ClientSampleId :

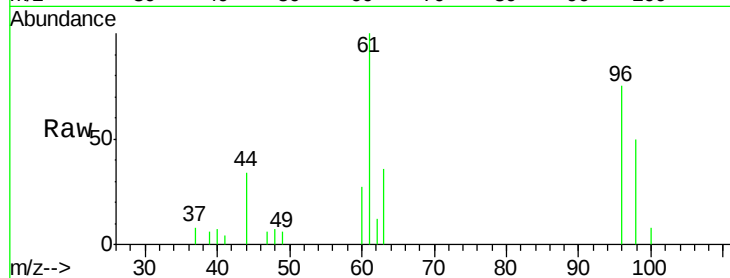
Tot Ion: 96 Resp: 2921

Ion Ratio Lower Upper

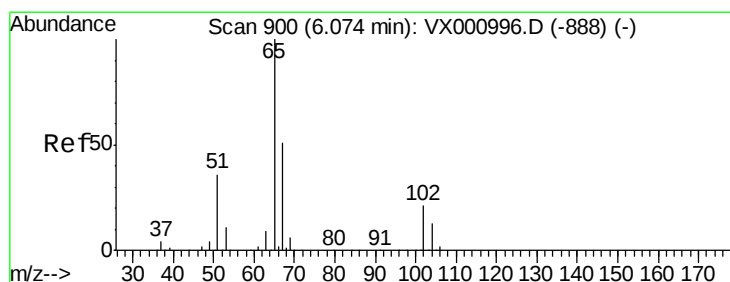
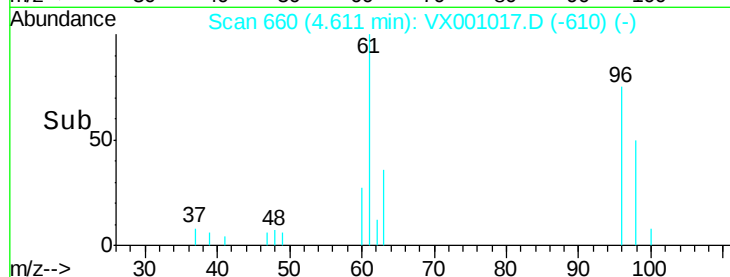
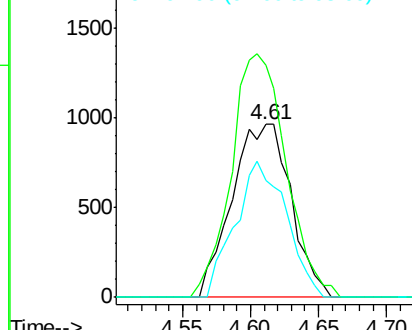
96 100

61 130.6 0.0 297.0

98 68.0 0.0 130.0



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: 50.76 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001017.D

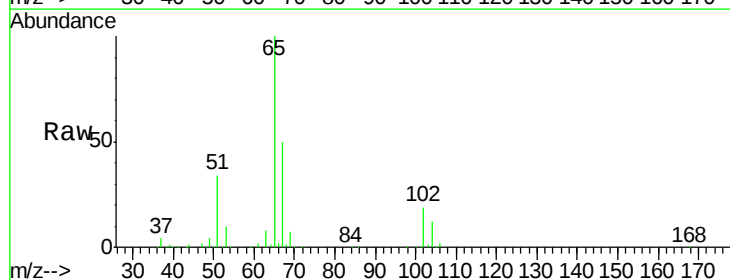
Acq: 20 Apr 2018 18:50

Tgt Ion: 65 Resp: 153101

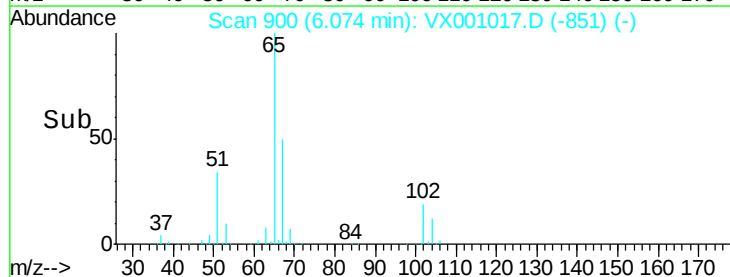
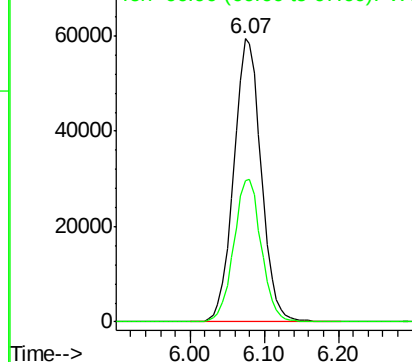
Ion Ratio Lower Upper

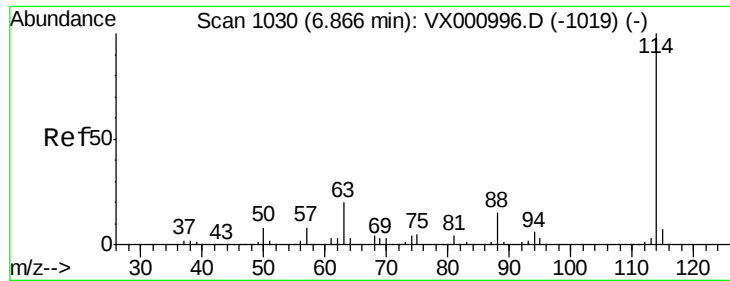
65 100

67 50.8 0.0 102.6



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# 1031

Delta R.T. 0.01 min

Lab File: VX001017.D

Acq: 20 Apr 2018 18:50

Instrument :
MSVOA_X
ClientSampleId :

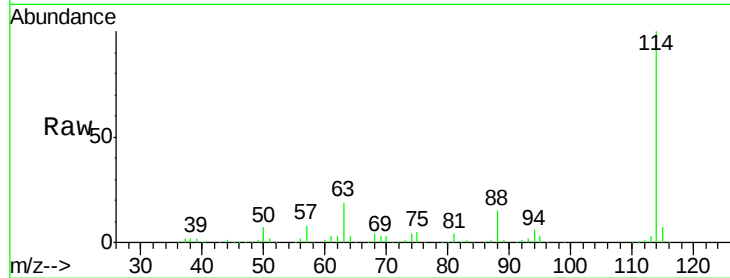
Tot Ion:114 Resp: 330188

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

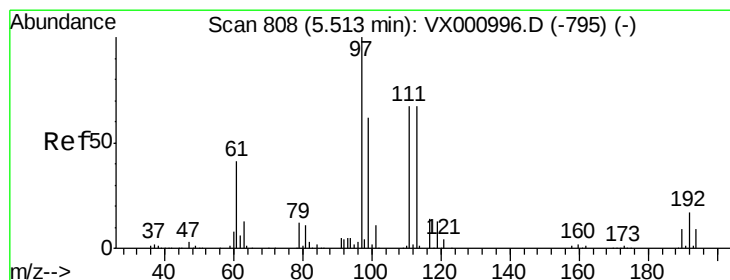
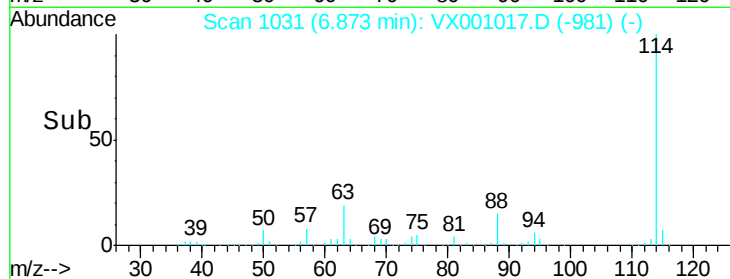
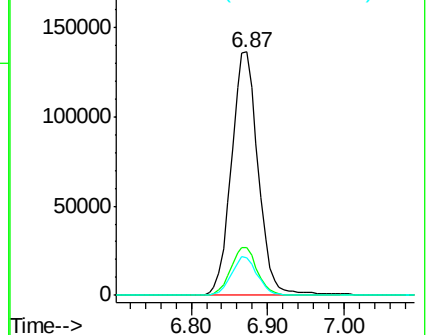
88 15.3 0.0 29.8



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: 46.54 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001017.D

Acq: 20 Apr 2018 18:50

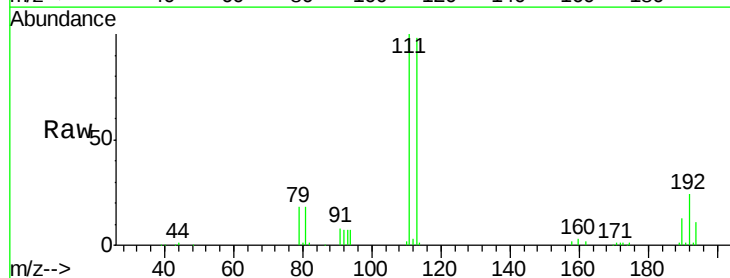
Tgt Ion:113 Resp: 117167

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

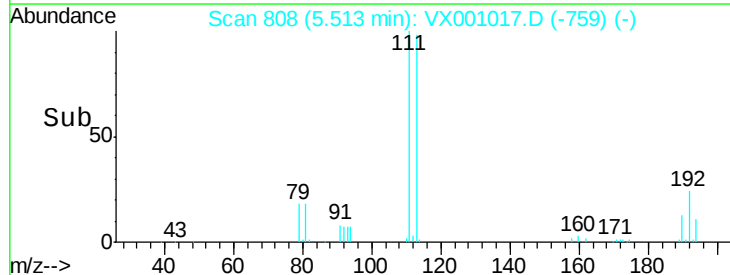
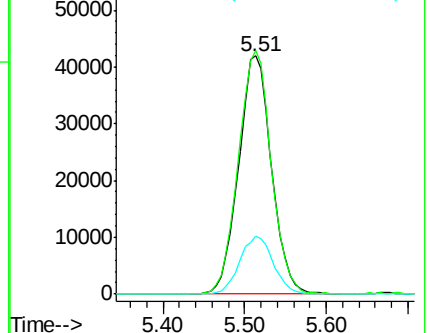
192 24.8 20.4 30.6

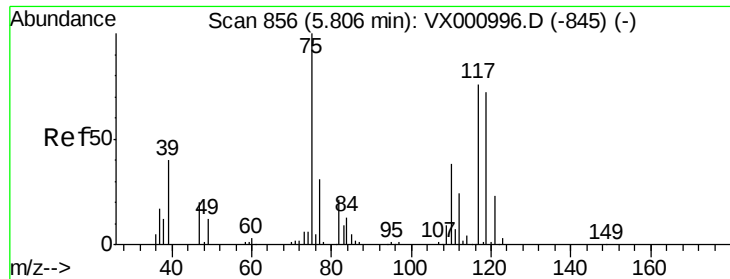


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

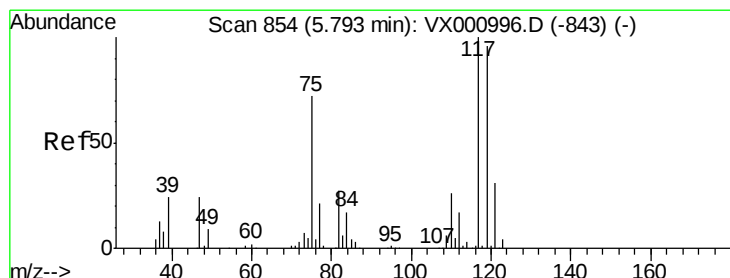
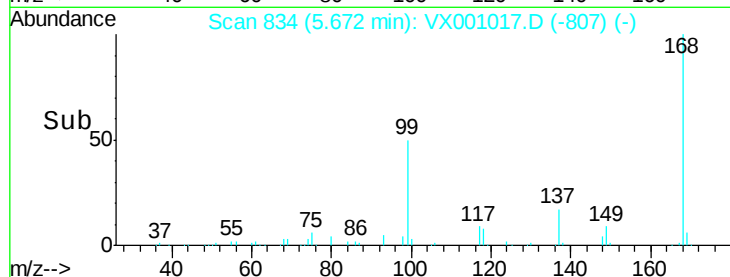
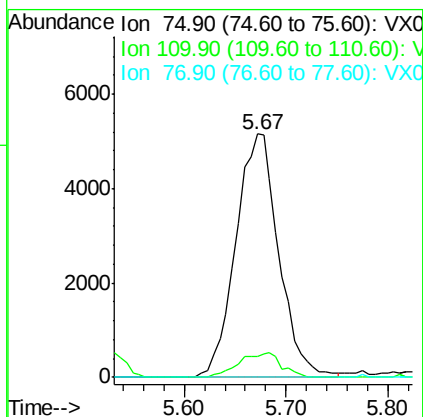
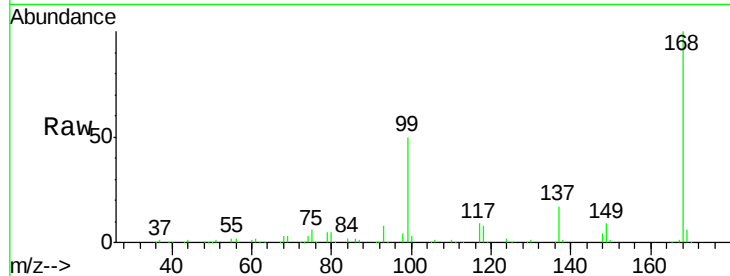




#36
 1,1-Dichloropropene
 Concen: 3.88 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001017.D
 Acq: 20 Apr 2018 18:50

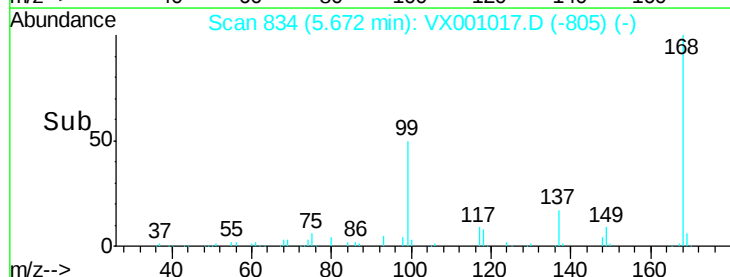
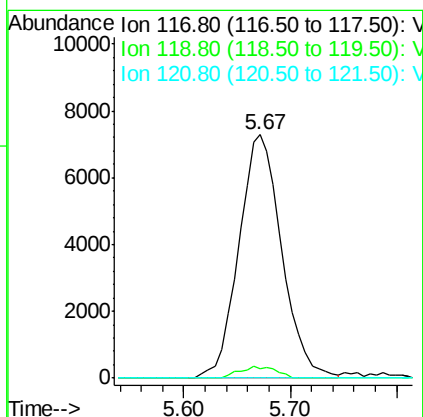
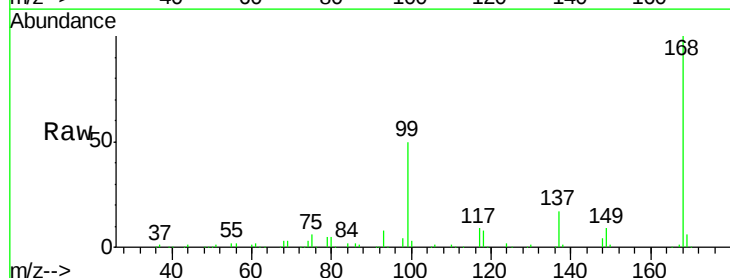
Instrument :
 MSVOA_X
 ClientSampleId :

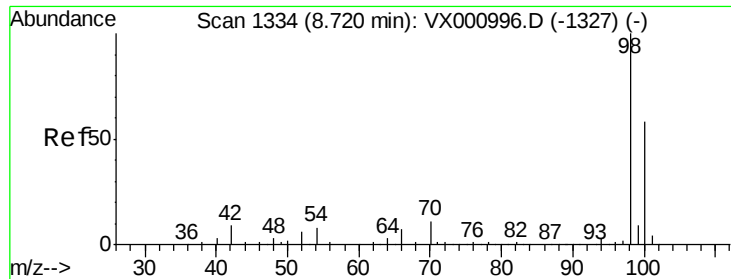
Tot Ion: 75 Resp: 15044
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.7 56.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.23 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001017.D
 Acq: 20 Apr 2018 18:50

Tgt Ion: 117 Resp: 20548
 Ion Ratio Lower Upper
 117 100
 119 3.7 76.5 114.7#
 121 0.0 24.5 36.7#

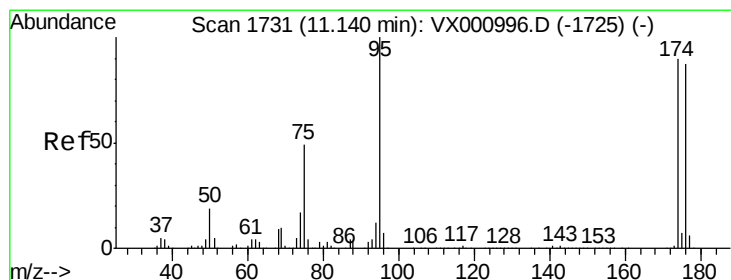
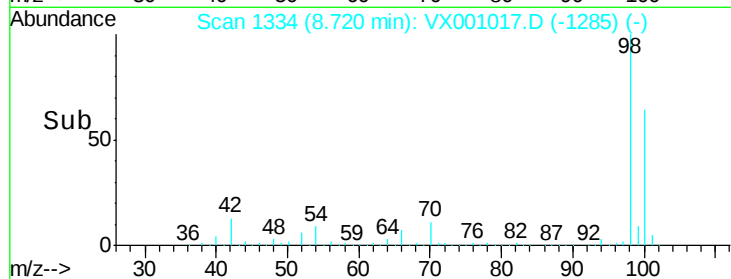
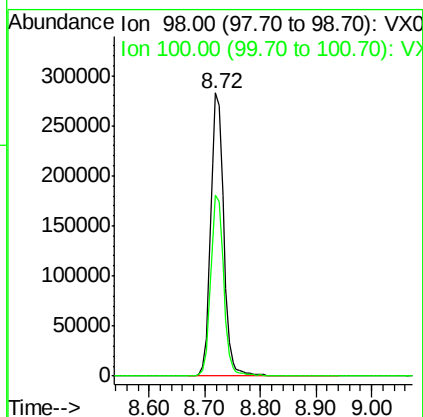
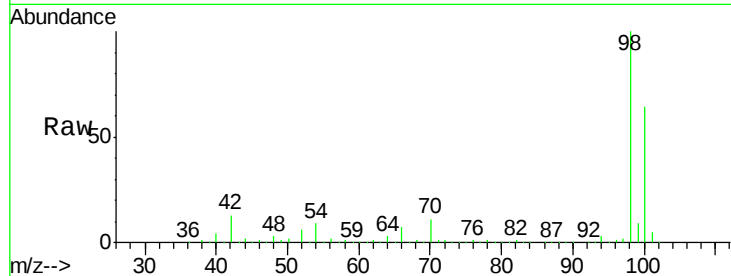




#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001017.D
Acq: 20 Apr 2018 18:50

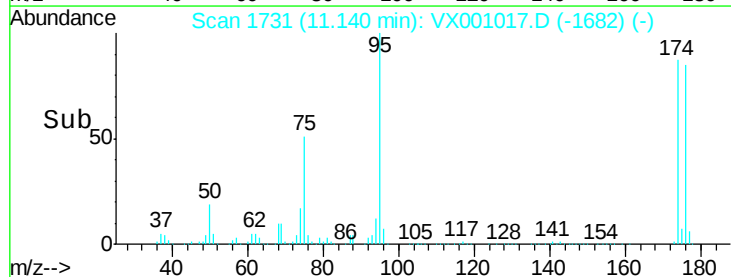
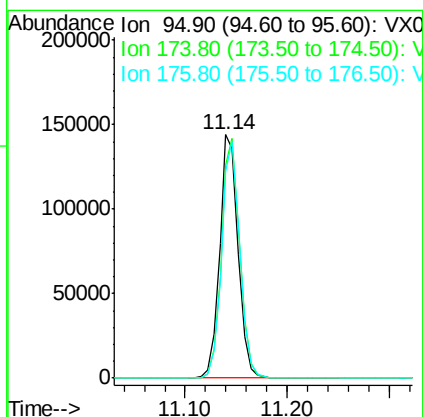
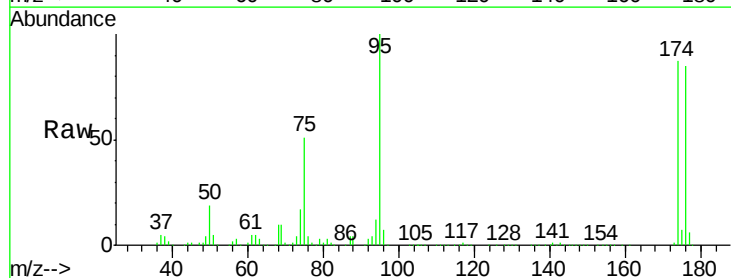
Instrument :
MSVOA_X
ClientSampleId :

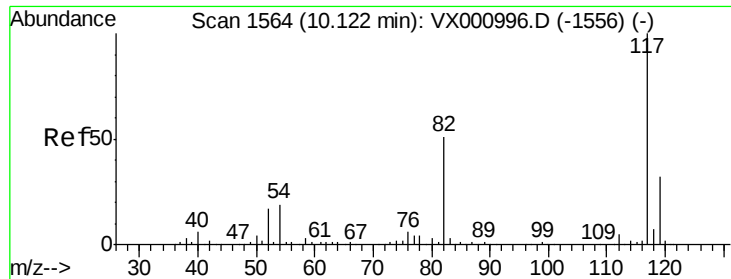
Tot Ion: 98 Resp: 466400
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.68 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001017.D
Acq: 20 Apr 2018 18:50

Tgt Ion: 95 Resp: 182397
Ion Ratio Lower Upper
95 100
174 97.1 0.0 198.4
176 95.4 0.0 192.0

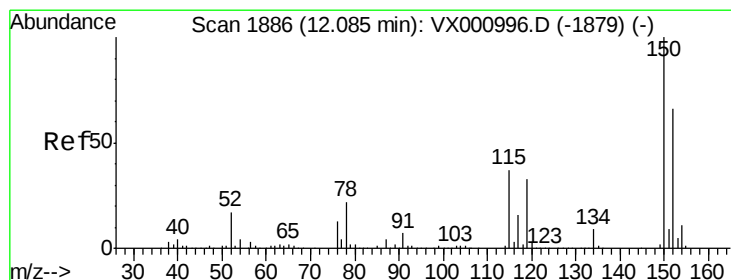
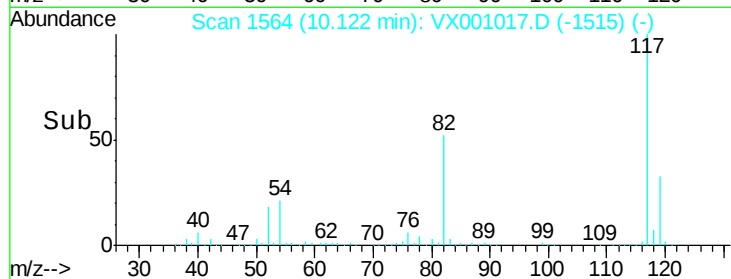
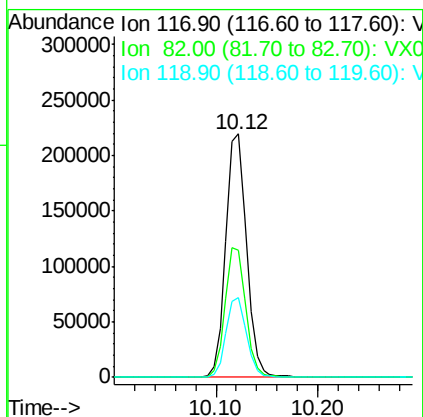
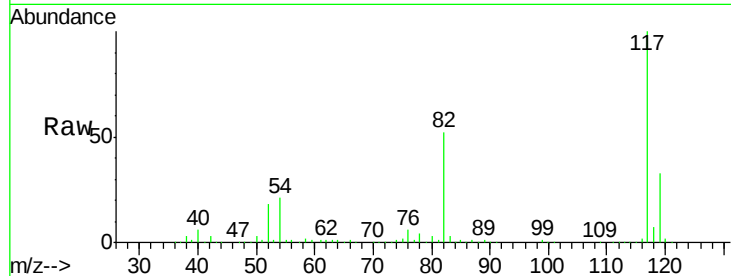




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001017.D
Acq: 20 Apr 2018 18:50

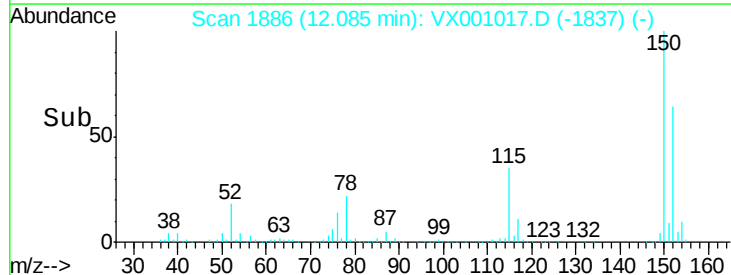
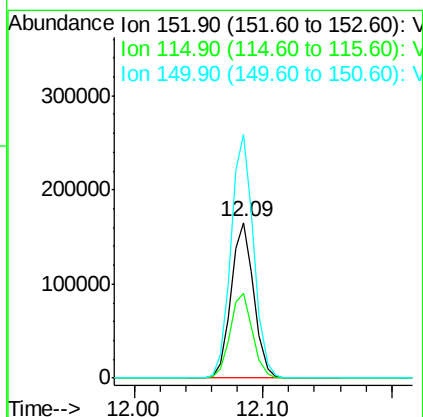
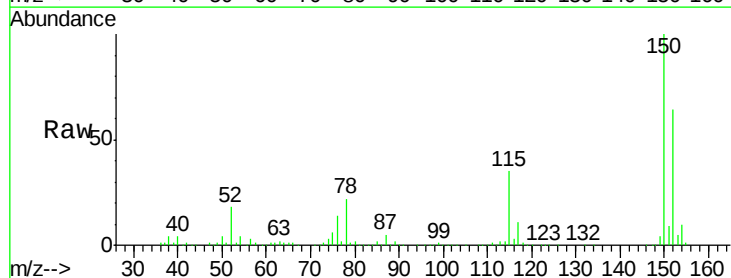
Instrument :
MSVOA_X
ClientSampled :

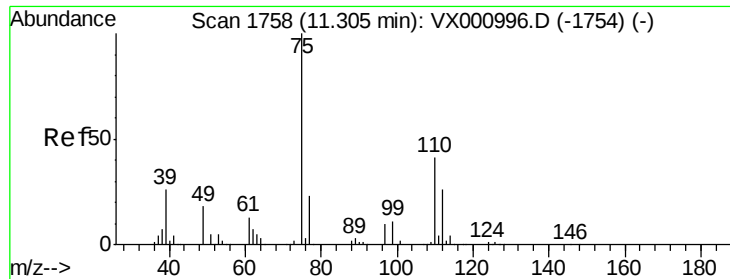
Tot Ion:117 Resp: 310545
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001017.D
Acq: 20 Apr 2018 18:50

Tgt Ion:152 Resp: 202983
Ion Ratio Lower Upper
152 100
115 54.6 38.2 114.6
150 157.0 0.0 350.4





#76

1,2,3-Trichloropropane

Concen: 26.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001017.D

Acq: 20 Apr 2018 18:50

Instrument :

MSVOA_X

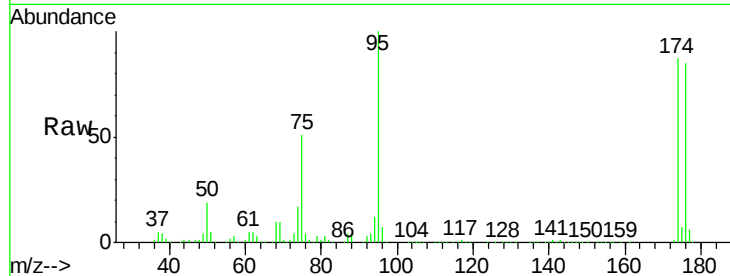
ClientSampleId :

Tot Ion: 75 Resp: 92506

Ion Ratio Lower Upper

75 100

77 1.1 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

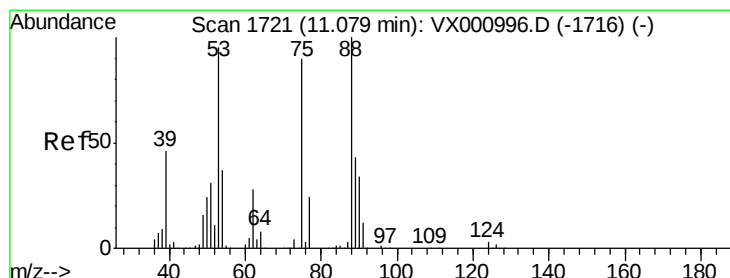
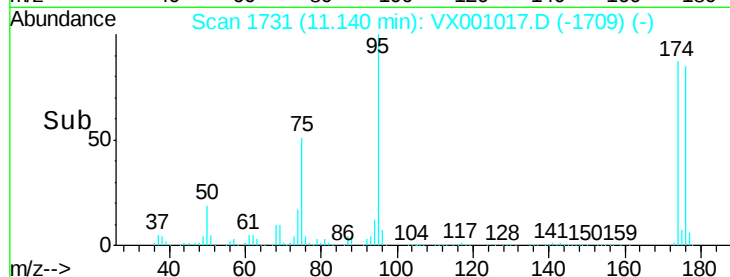
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 78.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001017.D

Acq: 20 Apr 2018 18:50

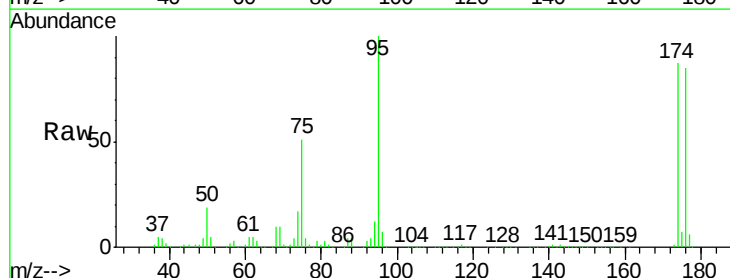
Tgt Ion: 75 Resp: 92506

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 39.7 59.5#



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

100000

80000

60000

40000

20000

0

Time-->

