

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000914.D
 Acq On : 16 Apr 2018 13:17
 Operator : JC/MD
 Sample : VX0416WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 15:11:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197948	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	158238	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
35) Dibromofluoromethane	5.51	113	127442	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
50) Toluene-d8	8.72	98	495293	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.14	95	183594	43.06	ug/l	0.00
Spiked Amount			Recovery	=	86.12%	

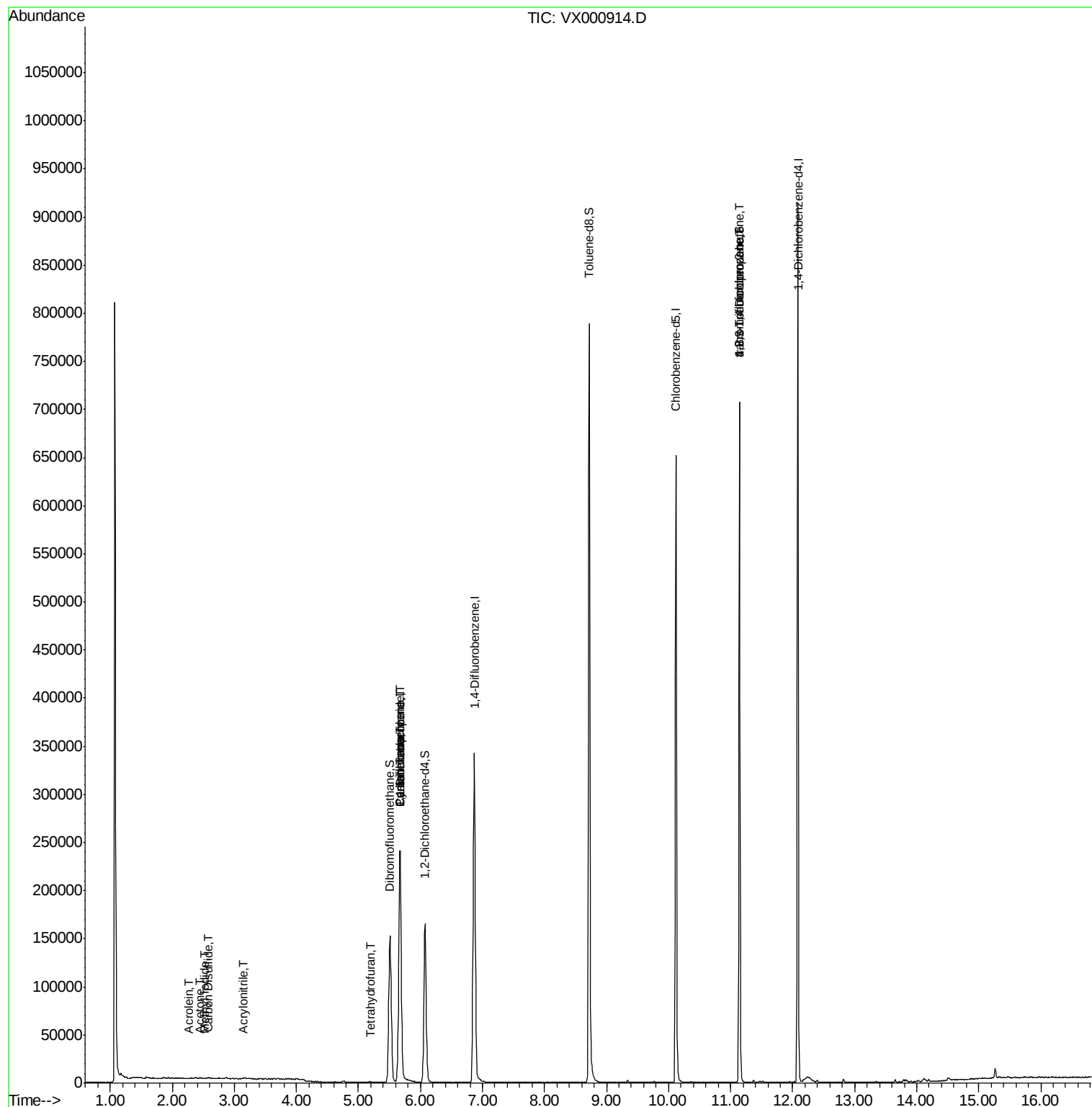
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	395	Below Cal	#	70
10) Methyl Iodide	2.52	142	169	8.30	ug/l #	56
13) Acrolein	2.28	56	172	0.60	ug/l #	51
15) Acrylonitrile	3.15	53	693	0.55	ug/l	87
16) Acetone	2.45	43	318	0.28	ug/l #	70
17) Carbon Disulfide	2.58	76	1459	0.20	ug/l #	95
29) Tetrahydrofuran	5.18	42	595	0.50	ug/l #	70
31) Cyclohexane	5.67	56	4635	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15882	4.01	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22545	5.09	ug/l #	14
76) 1,2,3-Trichloropropane	11.14	75	89050	26.09	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	89050	71.75	ug/l #	11

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
Data File : VX000914.D
Acq On : 16 Apr 2018 13:17
Operator : JC/MD
Sample : VX0416WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 16 15:11:30 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 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: VX000914.D

Acq: 16 Apr 2018 13:17

Instrument :

MSVOA_X

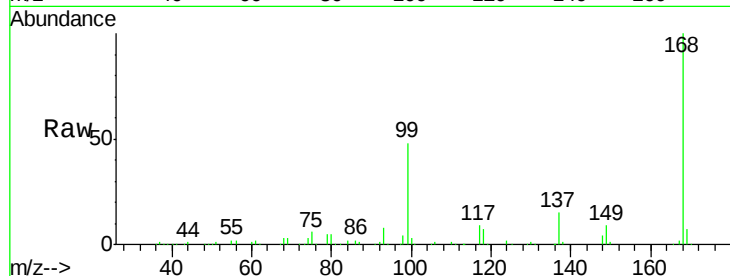
ClientSampled :

Tot Ion:168 Resp: 261828

Ion Ratio Lower Upper

168 100

99 47.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

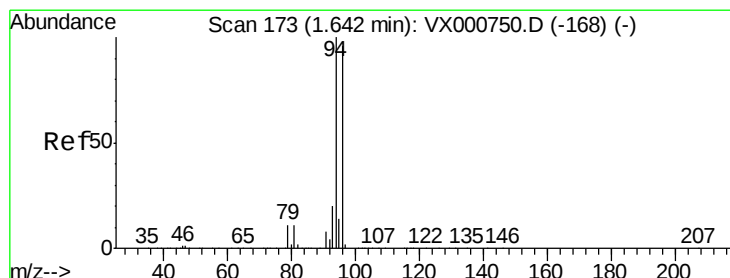
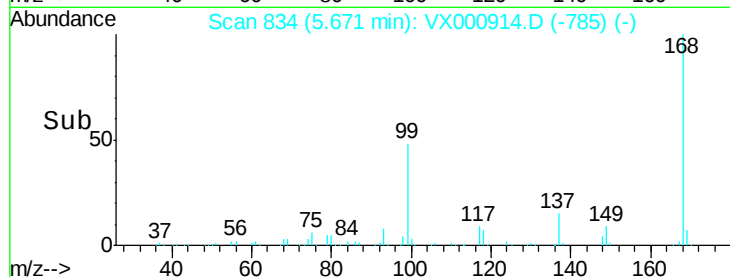
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000914.D

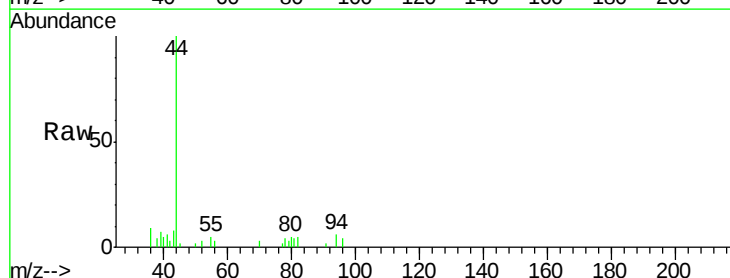
Acq: 16 Apr 2018 13:17

Tgt Ion: 94 Resp: 395

Ion Ratio Lower Upper

94 100

96 67.3 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

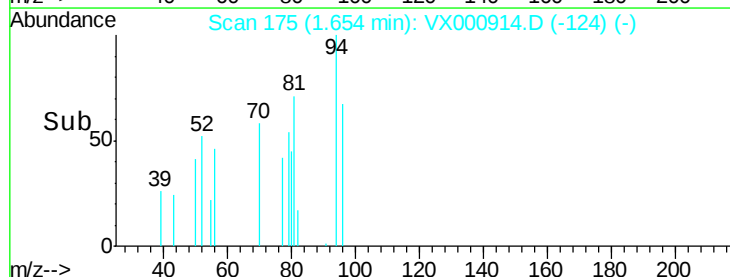
150

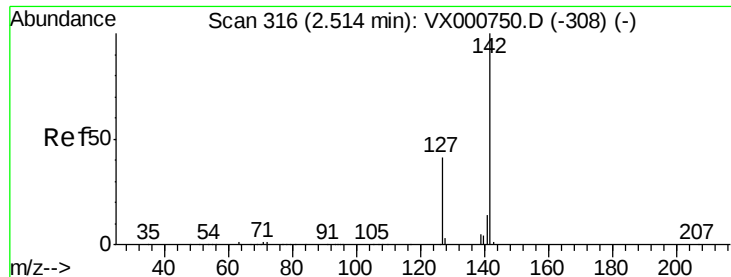
100

50

0

Time-->

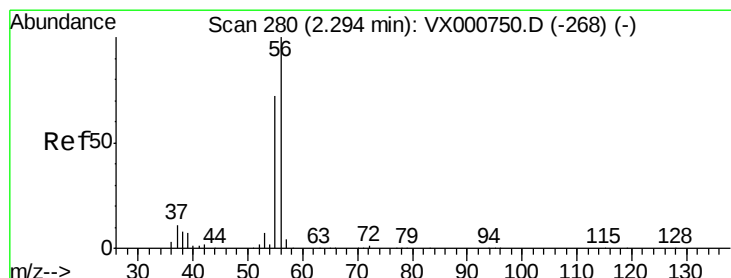
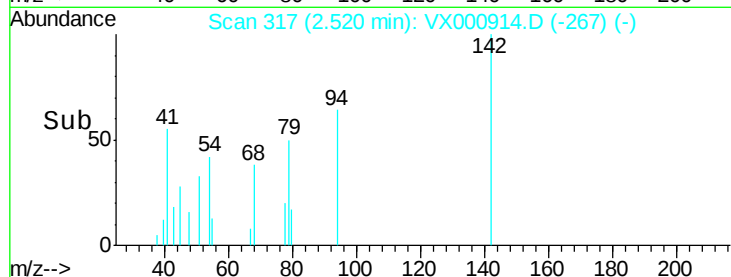
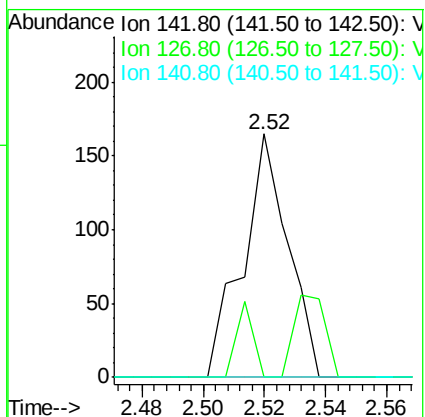
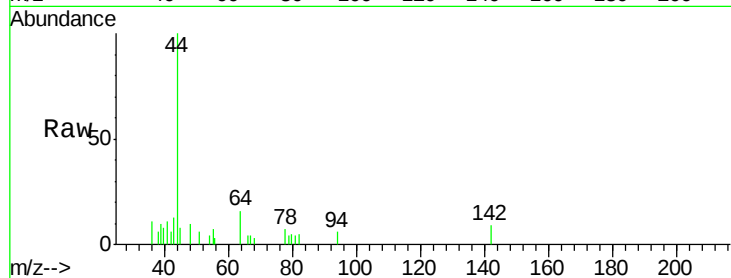




#10
Methvl Iodide
Concen: 8.30 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000914.D
Acq: 16 Apr 2018 13:17

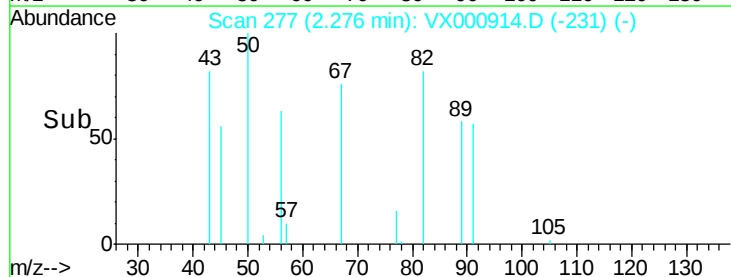
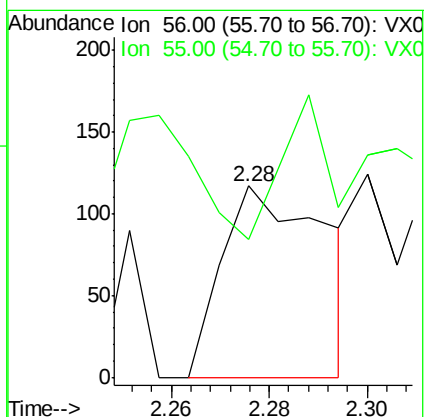
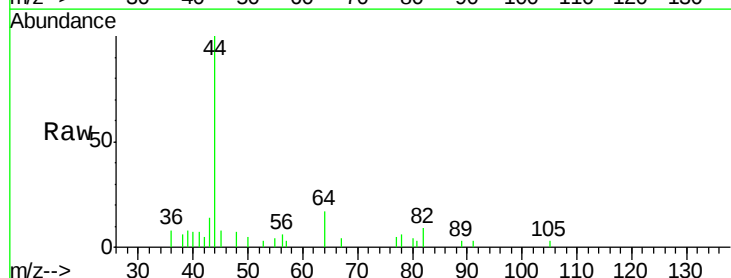
Instrument :
MSVOA_X
ClientSampled :

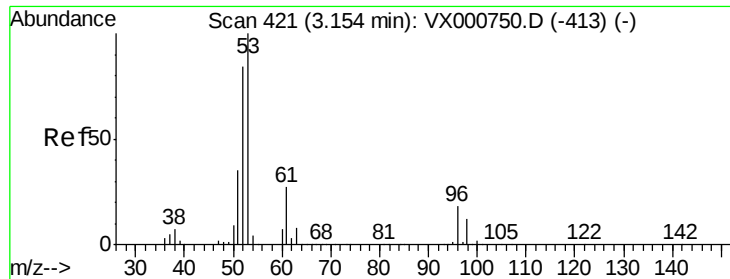
Tot Ion:142 Resp: 169
Ion Ratio Lower Upper
142 100
127 11.2 32.6 49.0#
141 0.0 11.5 17.3#



#13
Acrolein
Concen: 0.60 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX000914.D
Acq: 16 Apr 2018 13:17

Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 32.6 58.7 88.1#





#15

Acrylonitrile

Concen: 0.55 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

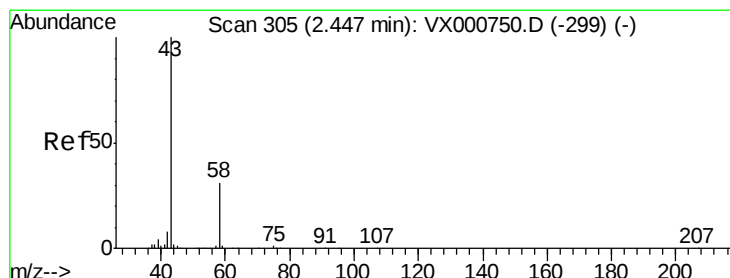
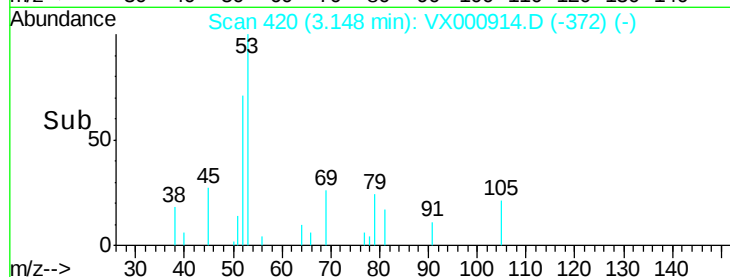
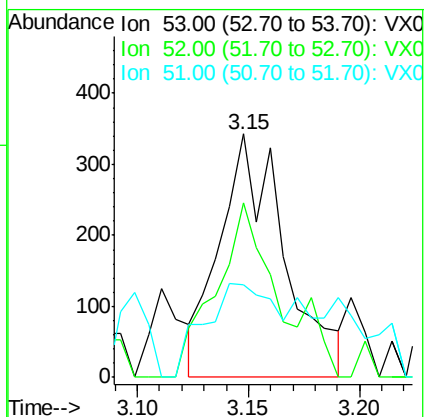
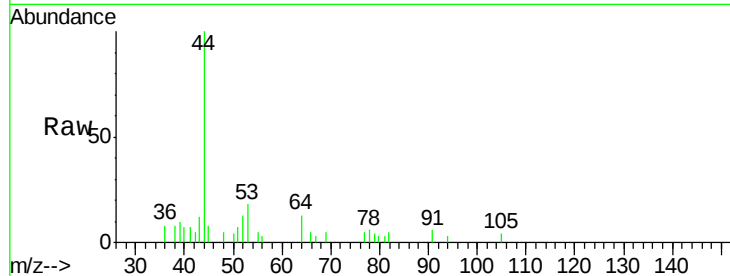
Tot Ion: 53 Resp: 693

Ion Ratio Lower Upper

53 100

52 70.4 66.5 99.7

51 42.1 28.8 43.2



#16

Acetone

Concen: 0.28 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000914.D

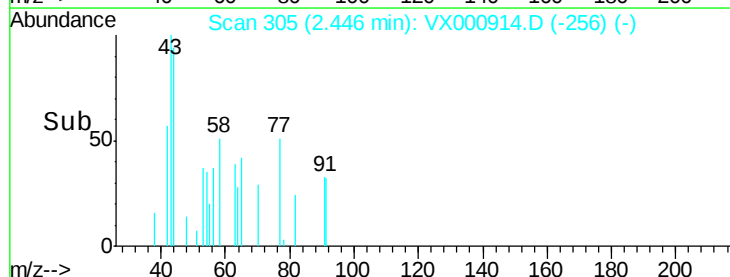
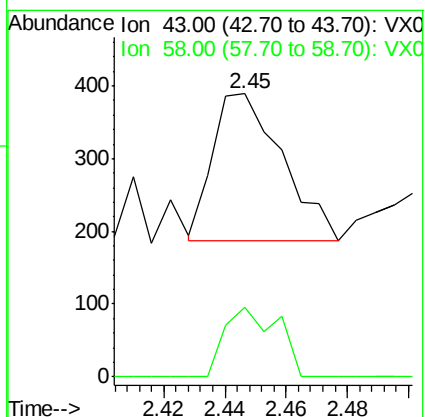
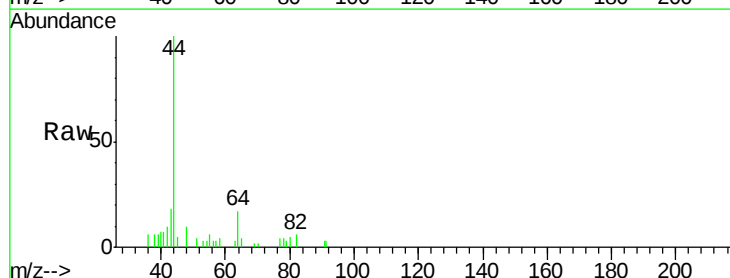
Acq: 16 Apr 2018 13:17

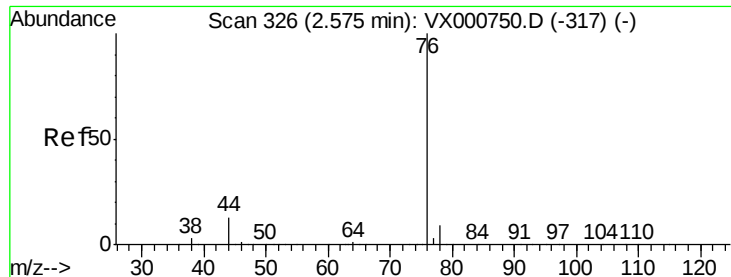
Tgt Ion: 43 Resp: 318

Ion Ratio Lower Upper

43 100

58 47.0 24.6 37.0#

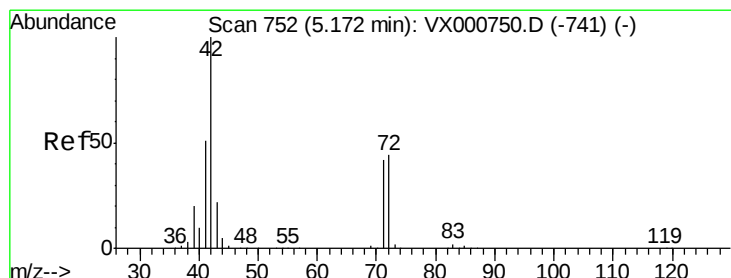
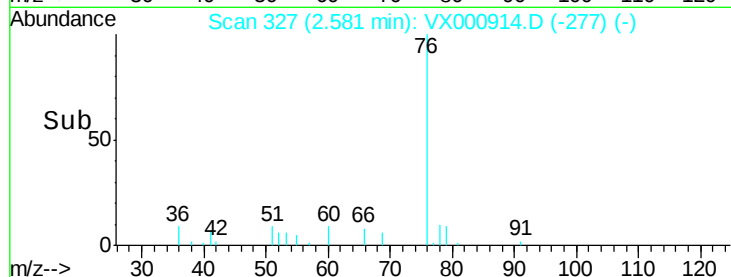
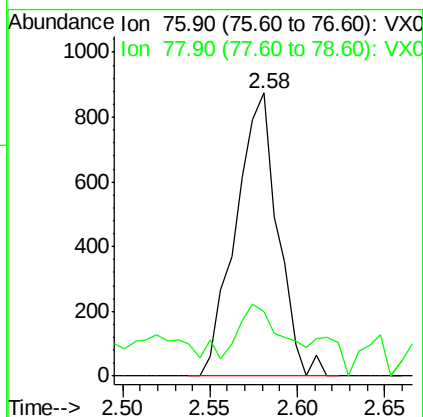
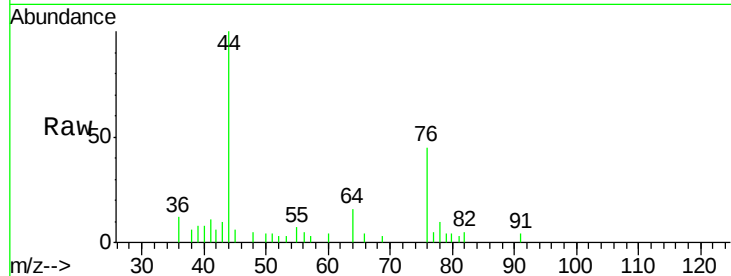




#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000914.D
Acq: 16 Apr 2018 13:17

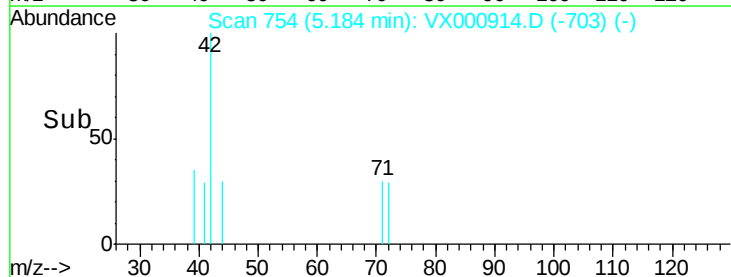
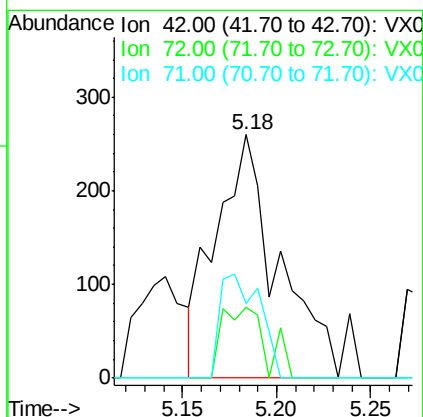
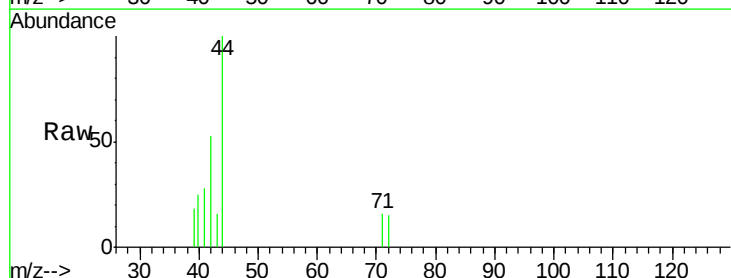
Instrument :
MSVOA_X
ClientSampleId :

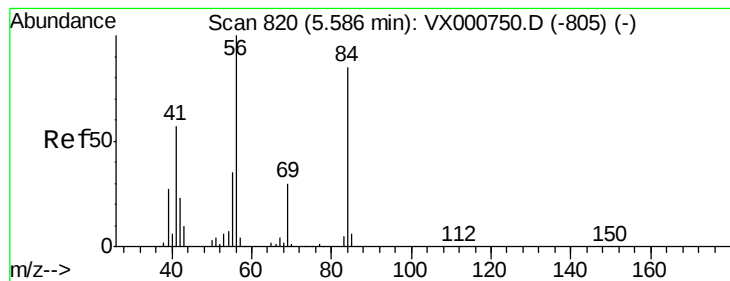
Tot Ion: 76 Resp: 1459
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.2#



#29
Tetrahydrofuran
Concen: 0.50 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000914.D
Acq: 16 Apr 2018 13:17

Tgt Ion: 42 Resp: 595
Ion Ratio Lower Upper
42 100
72 20.3 35.1 52.7#
71 27.1 32.8 49.2#





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.08 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

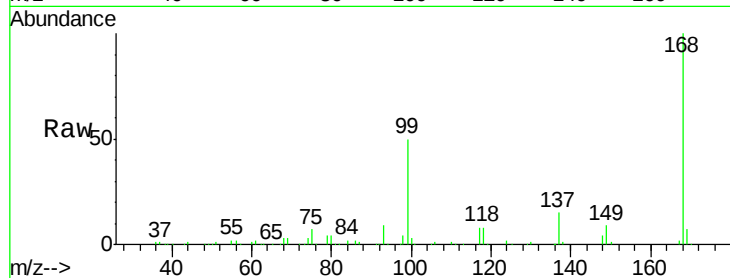
Tot Ion: 56 Resp: 4635

Ion Ratio Lower Upper

56 100

69 205.3 24.2 36.4#

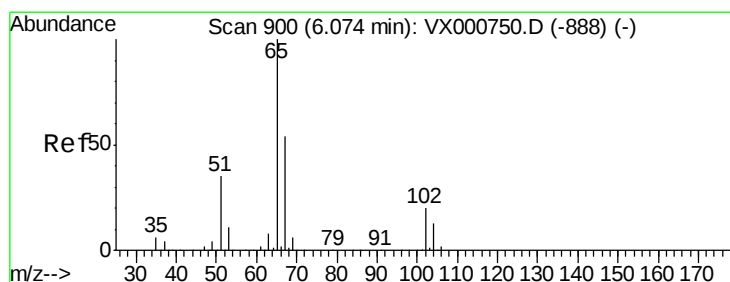
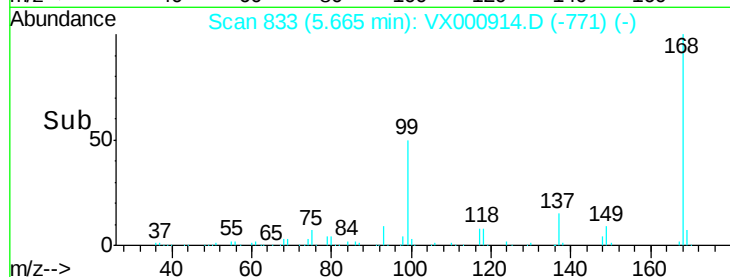
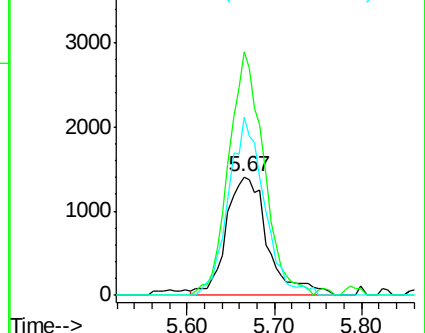
84 150.9 67.6 101.4#



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: 47.93 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000914.D

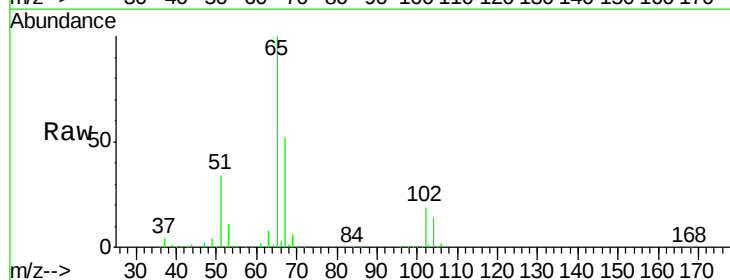
Acq: 16 Apr 2018 13:17

Tgt Ion: 65 Resp: 158238

Ion Ratio Lower Upper

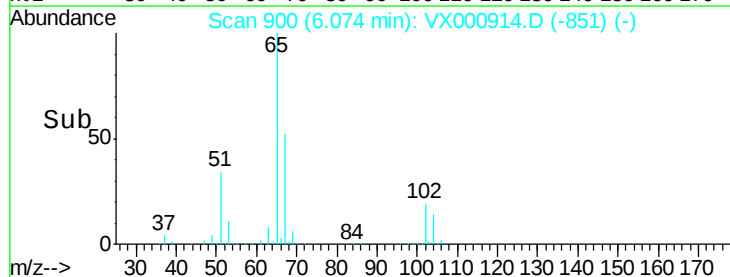
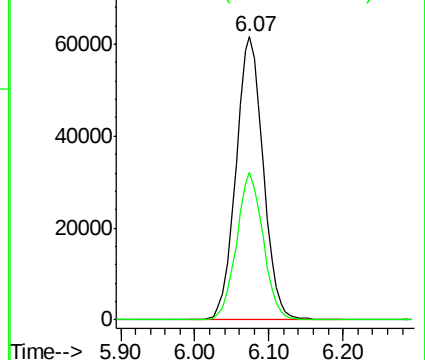
65 100

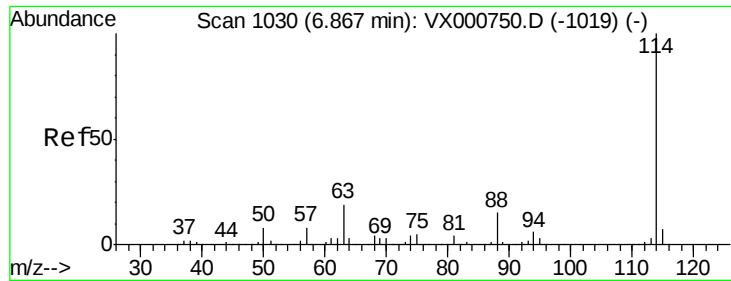
67 51.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

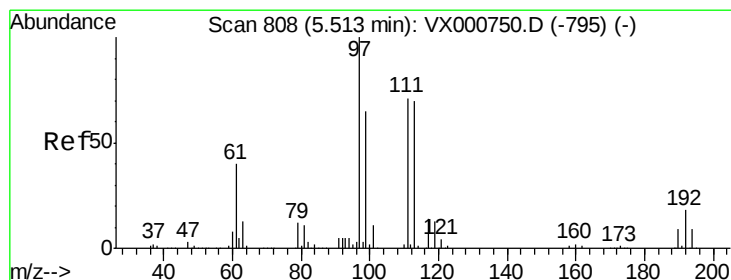
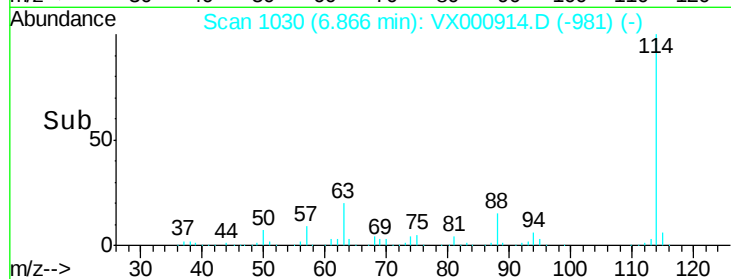
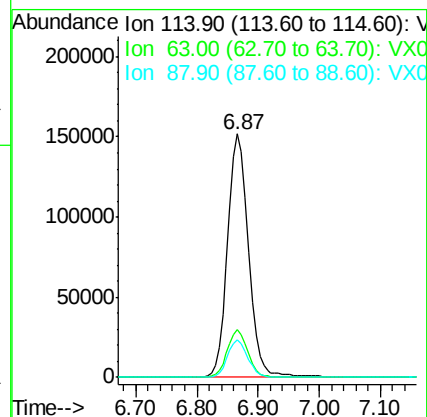
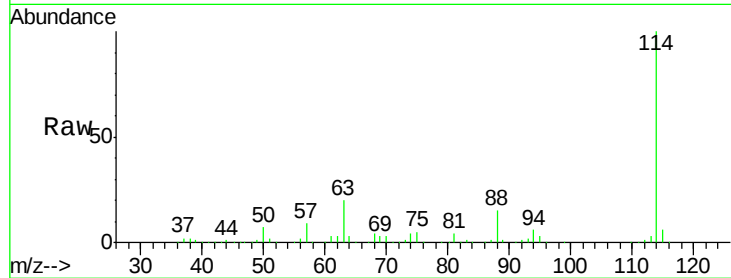




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000914.D
 Acq: 16 Apr 2018 13:17

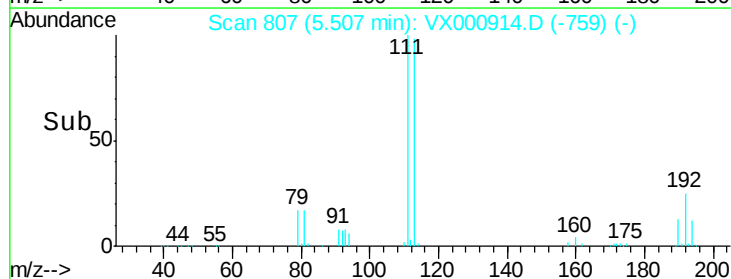
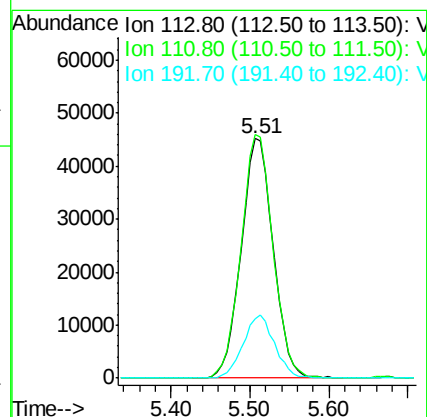
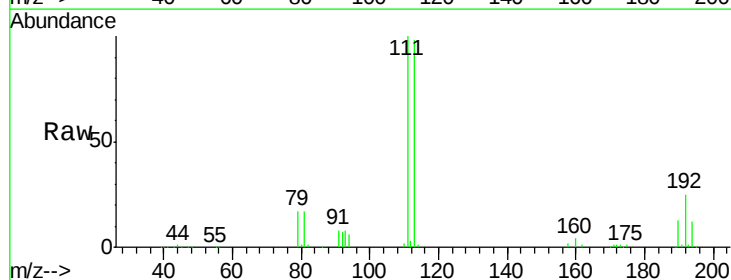
Instrument :
 MSVOA_X
 ClientSampleId :

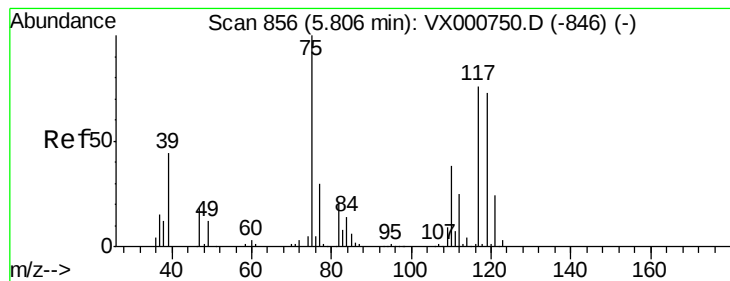
Tot Ion:114 Resp: 359212
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 15.3 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 46.05 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000914.D
 Acq: 16 Apr 2018 13:17

Tgt Ion:113 Resp: 127442
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 25.8 20.4 30.6





#36

1,1-Dichloropropene

Concen: 4.01 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

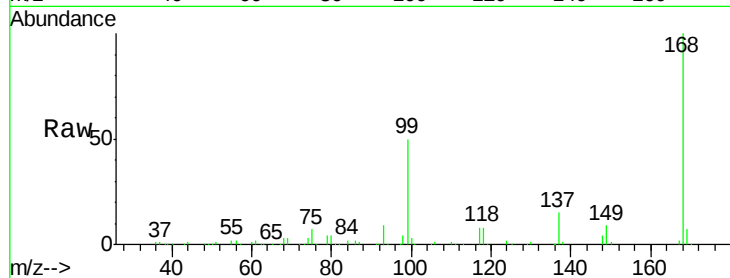
Tot Ion: 75 Resp: 15882

Ion Ratio Lower Upper

75 100

110 10.6 19.2 57.6#

77 0.0 25.4 38.2#

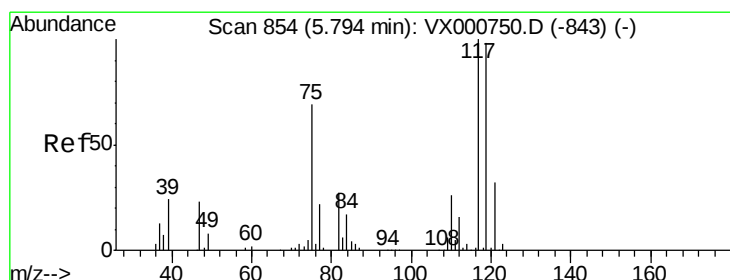
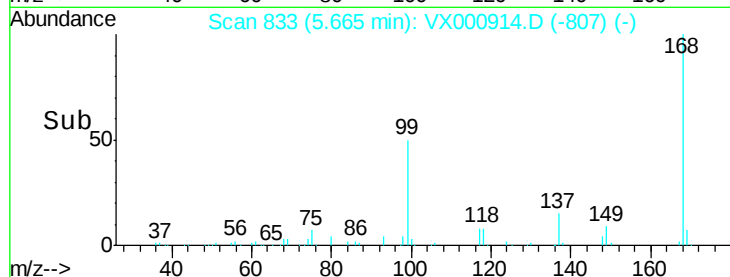


Abundance Ion 74.90 (74.60 to 75.60): VX000914.D (-807) (-)

Ion 109.90 (109.60 to 110.60): VX000914.D (-807) (-)

Ion 76.90 (76.60 to 77.60): VX000914.D (-807) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.09 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

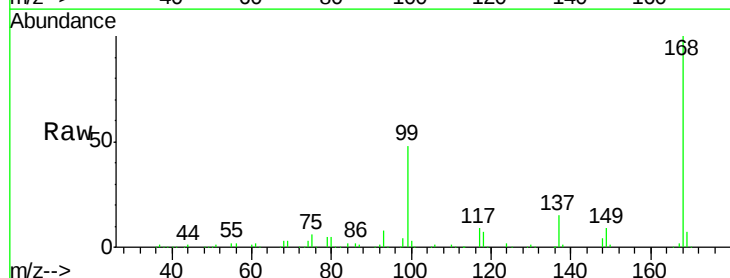
Tgt Ion: 117 Resp: 22545

Ion Ratio Lower Upper

117 100

119 3.4 78.4 117.6#

121 0.0 25.4 38.0#

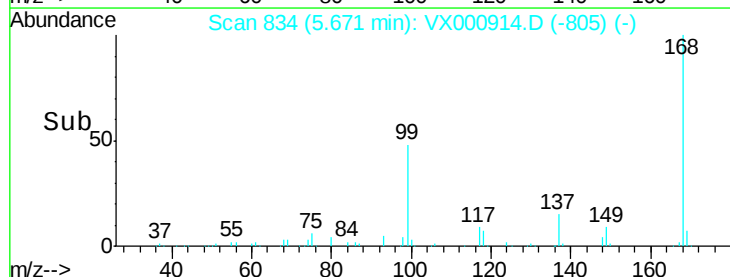


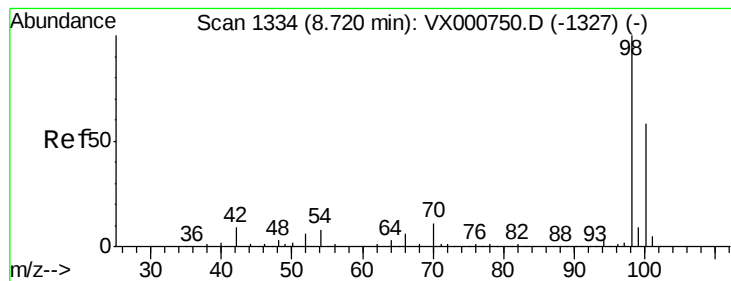
Abundance Ion 116.80 (116.50 to 117.50): VX000914.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000914.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000914.D (-805) (-)

Time-->





#50

Toluene-d8

Concen: 48.07 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

Instrument :

MSVOA_X

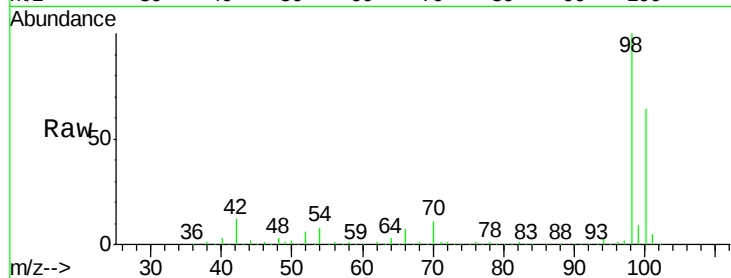
ClientSampleId :

Tot Ion: 98 Resp: 495293

Ion Ratio Lower Upper

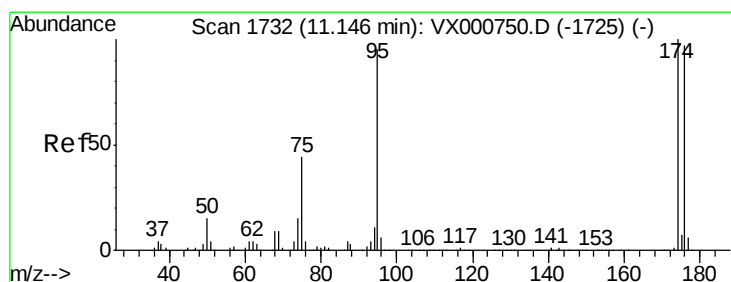
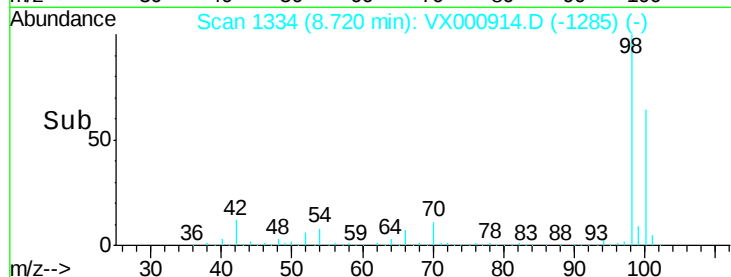
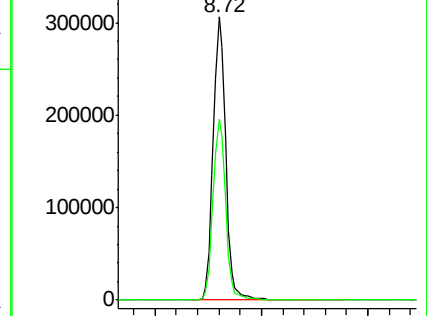
98 100

100 64.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

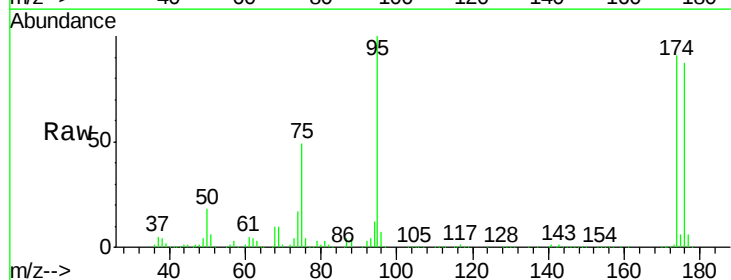
Tgt Ion: 95 Resp: 183594

Ion Ratio Lower Upper

95 100

174 98.3 0.0 198.4

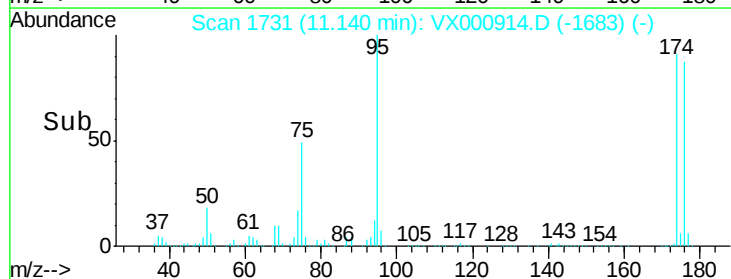
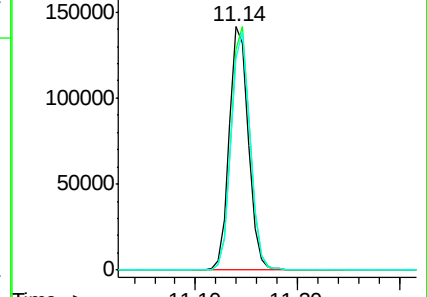
176 96.2 0.0 194.4

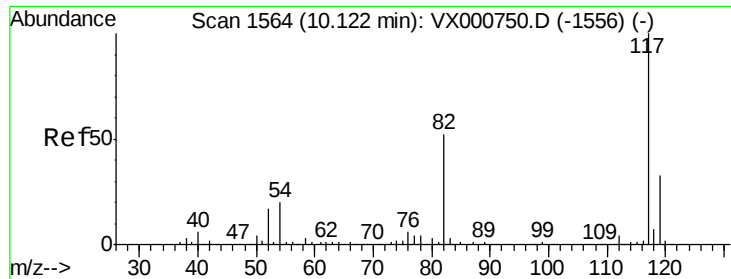


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

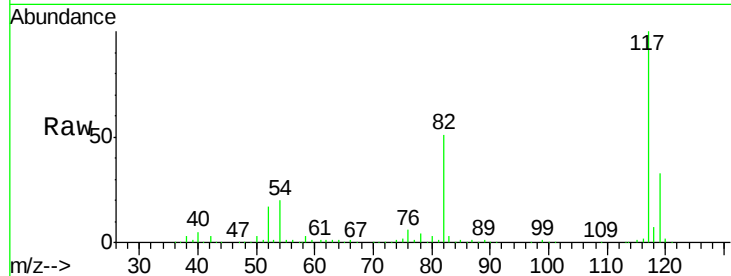




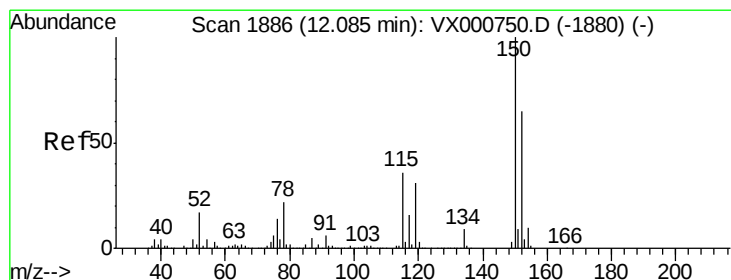
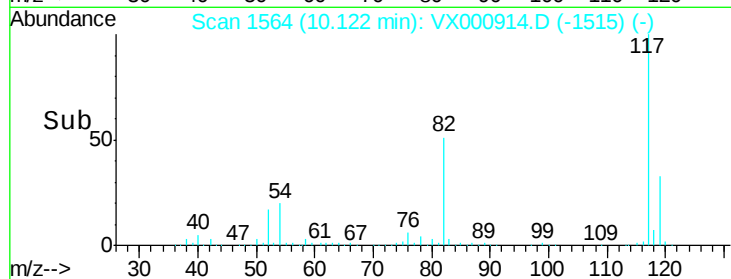
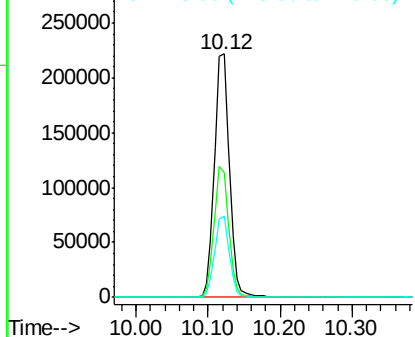
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000914.D
Acq: 16 Apr 2018 13:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 320933
Ion Ratio Lower Upper
117 100
82 51.2 41.9 62.9
119 33.2 26.0 39.0

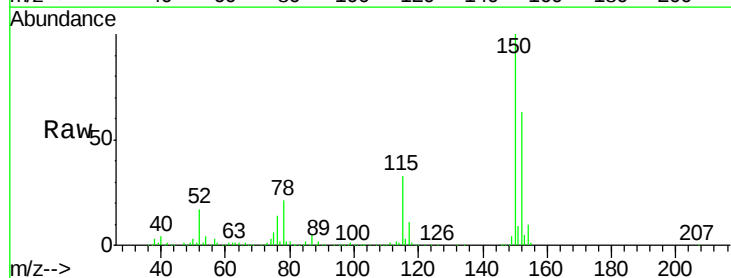


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

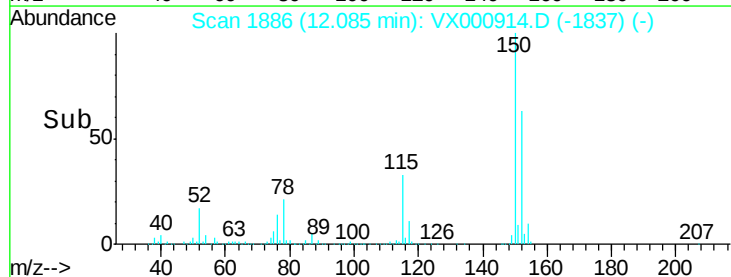
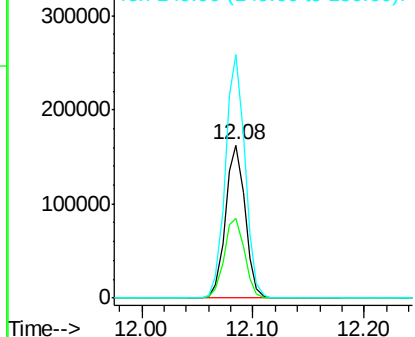


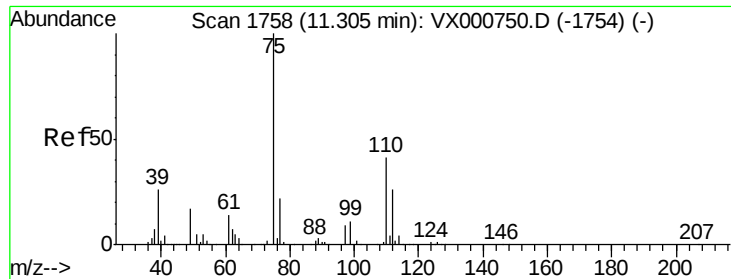
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000914.D
Acq: 16 Apr 2018 13:17

Tgt Ion:152 Resp: 197948
Ion Ratio Lower Upper
152 100
115 54.0 37.9 113.7
150 158.1 0.0 348.0



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: 26.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

Instrument :

MSVOA_X

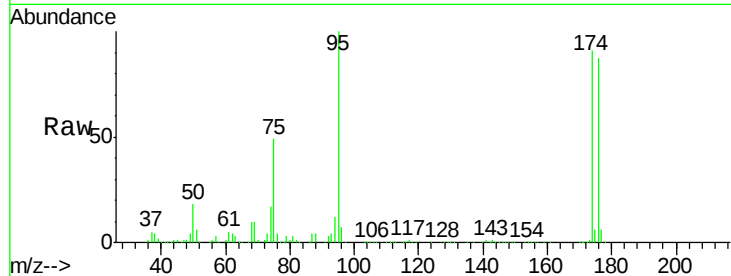
ClientSampleId :

Tot Ion: 75 Resp: 89050

Ion Ratio Lower Upper

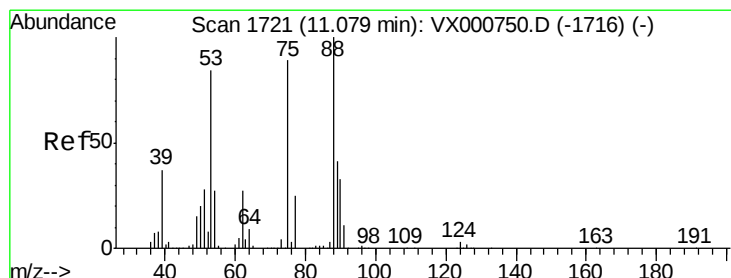
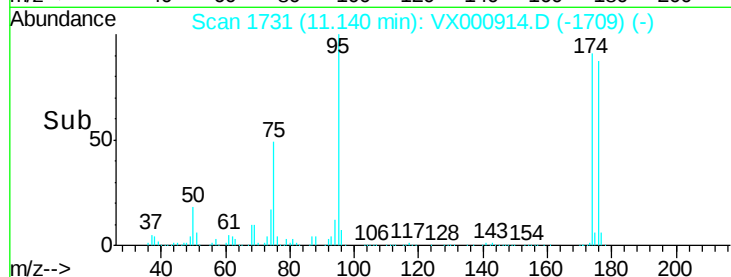
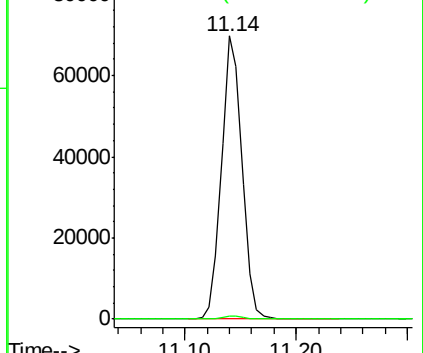
75 100

77 1.1 20.5 61.5#



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: 71.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000914.D

Acq: 16 Apr 2018 13:17

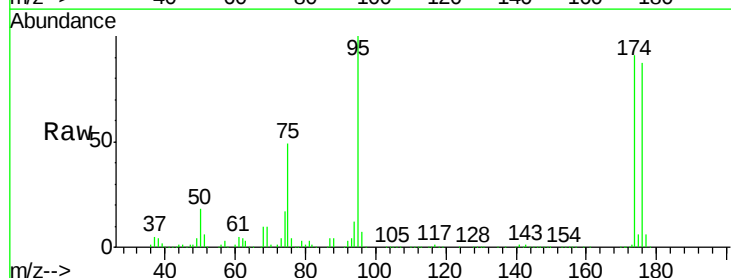
Tgt Ion: 75 Resp: 89050

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 40.9 61.3#



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

