

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001034.D
 Acq On : 21 Apr 2018 02:53
 Operator : JC/MD
 Sample : J2377-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:42:45 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	240342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209211	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	157387	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
35) Dibromofluoromethane	5.51	113	119432	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
50) Toluene-d8	8.72	98	476209	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	184729	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	

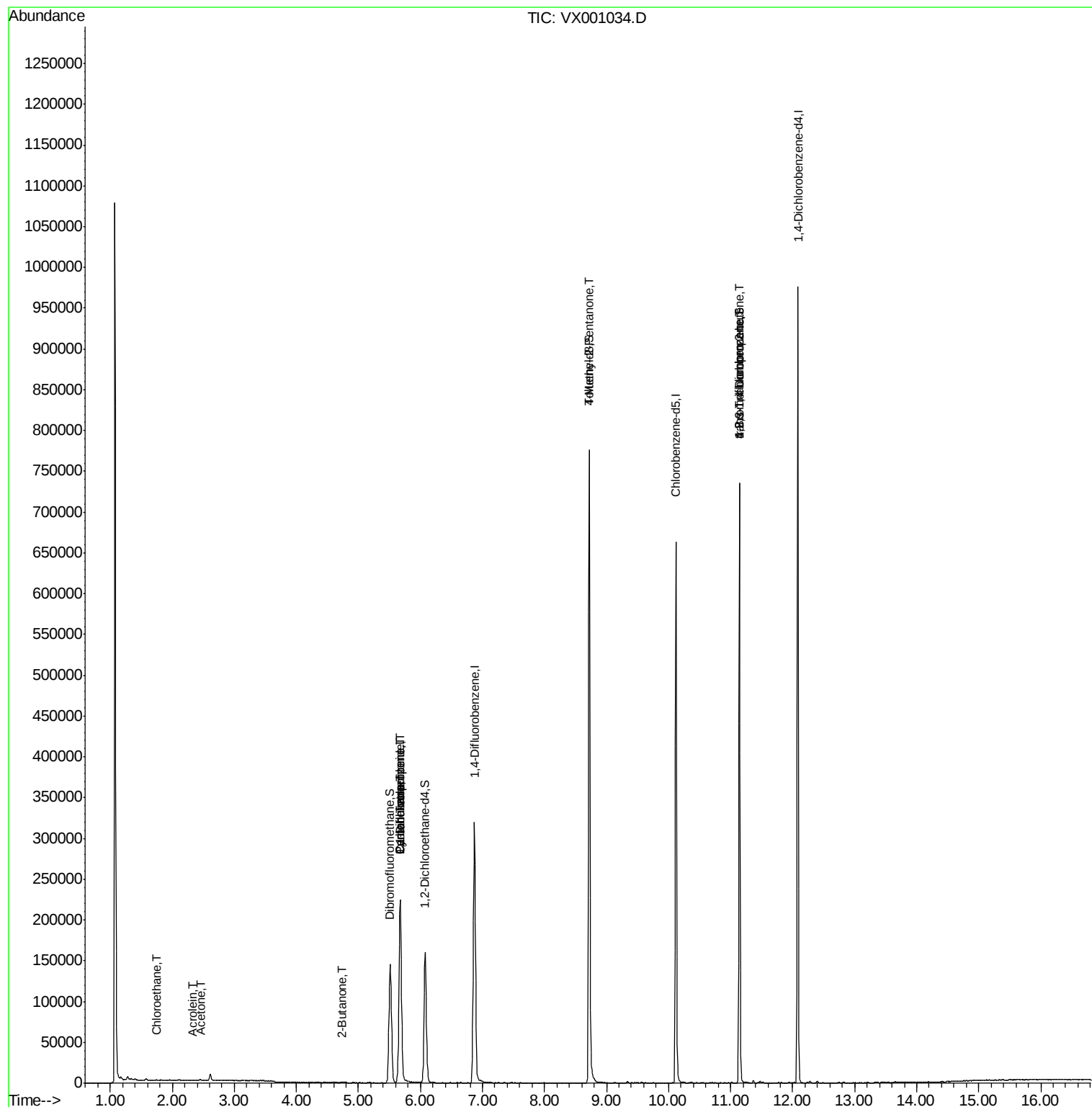
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	51	Below Cal	#	2
6) Chloroethane	1.73	64	491	0.29	ug/l	94
13) Acrolein	2.32	56	111	11.68	ug/l	# 14
16) Acetone	2.45	43	1126	0.98	ug/l	91
20) Methylene Chloride	2.88	84	144	Below Cal	#	36
25) 2-Butanone	4.72	43	600	0.34	ug/l	# 50
31) Cyclohexane	5.67	56	4149	0.97	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	14754	3.69	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	20893	5.16	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.72	43	2208	0.58	ug/l	# 1
76) 1,2,3-Trichloropropane	11.14	75	93736	25.82	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	93736	77.35	ug/l	# 8

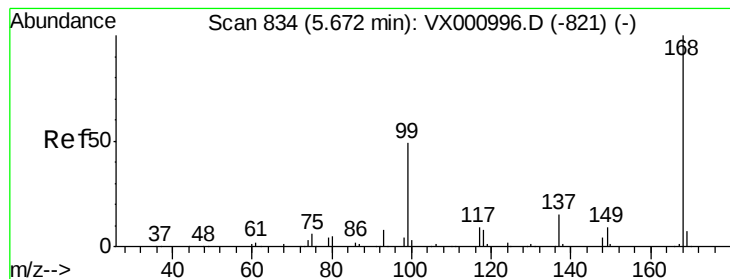
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
Data File : VX001034.D
Acq On : 21 Apr 2018 02:53
Operator : JC/MD
Sample : J2377-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 21 05:42:45 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: VX001034.D

Acq: 21 Apr 2018 02:53

Instrument :

MSVOA_X

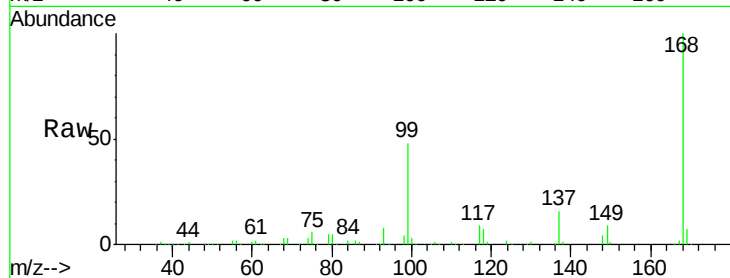
ClientSampleId :

Tot Ion:168 Resp: 240342

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

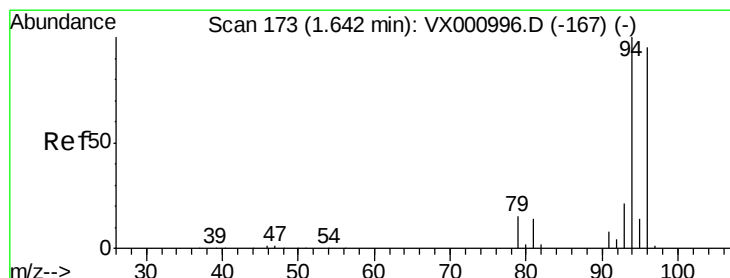
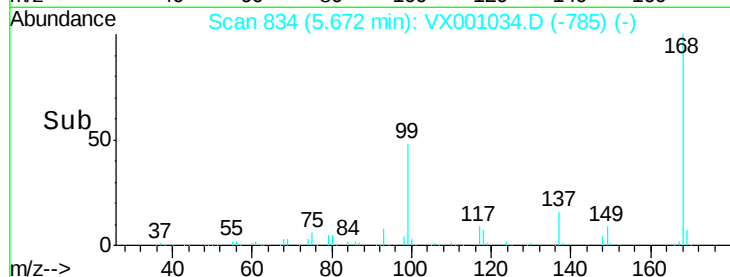
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX001034.D

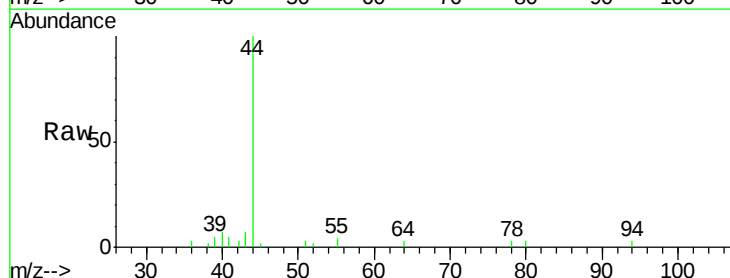
Acq: 21 Apr 2018 02:53

Tgt Ion: 94 Resp: 51

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80

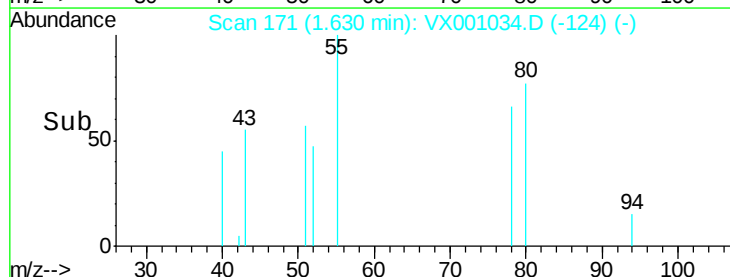
60

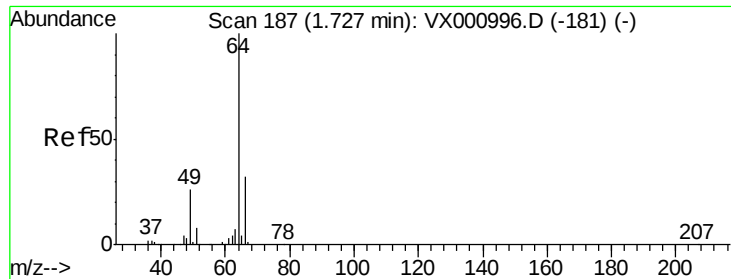
40

20

0

Time--> 1.60 1.61 1.62 1.63 1.64





#6

Chloroethane

Concen: 0.29 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

Instrument :

MSVOA_X

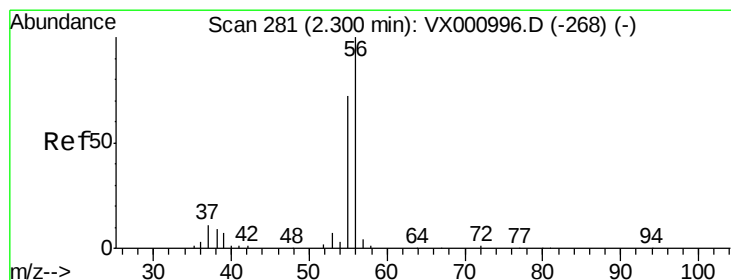
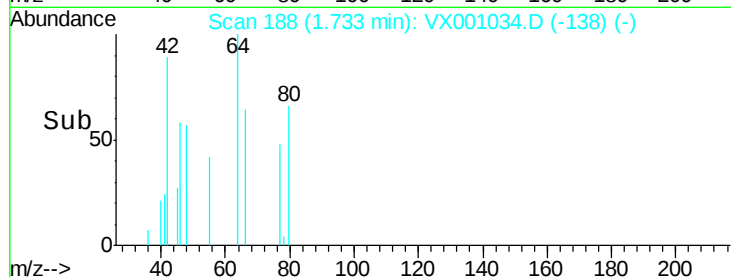
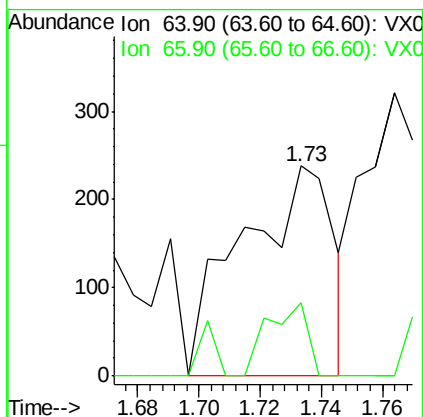
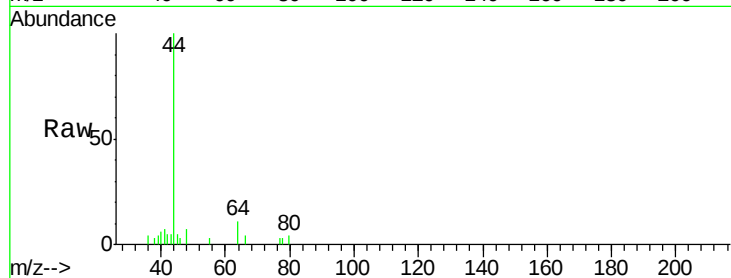
ClientSampleId :

Tot Ion: 64 Resp: 491

Ion Ratio Lower Upper

64 100

66 34.9 25.3 37.9



#13

Acrolein

Concen: 11.68 ug/l

RT: 2.32 min Scan# 285

Delta R.T. 0.02 min

Lab File: VX001034.D

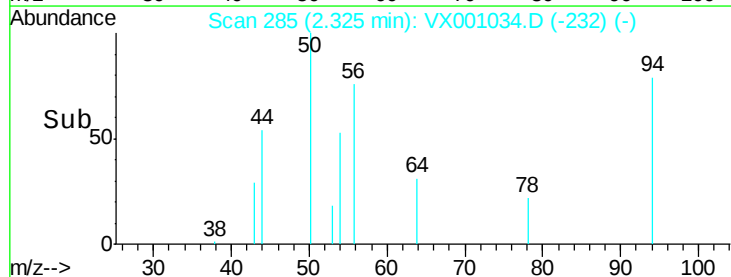
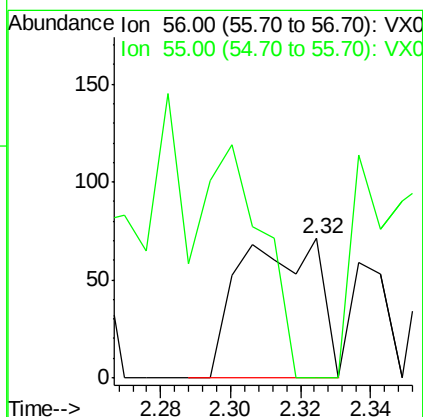
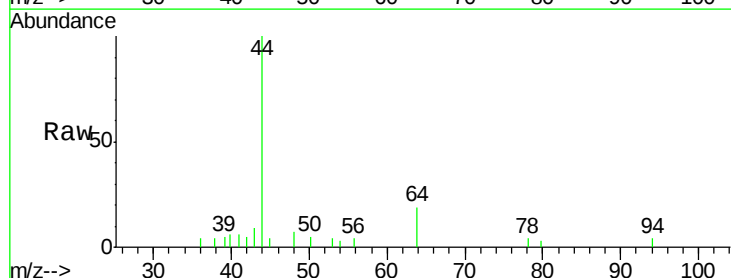
Acq: 21 Apr 2018 02:53

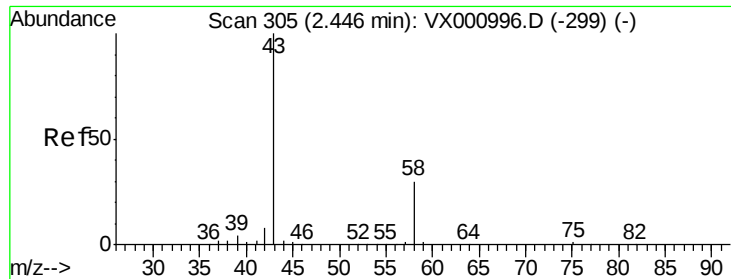
Tgt Ion: 56 Resp: 111

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#

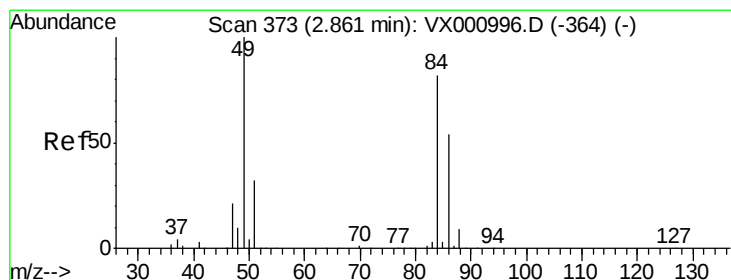
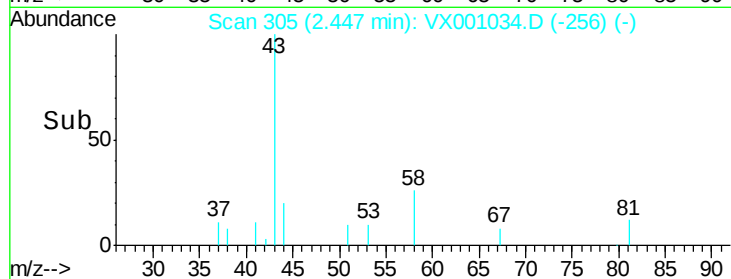
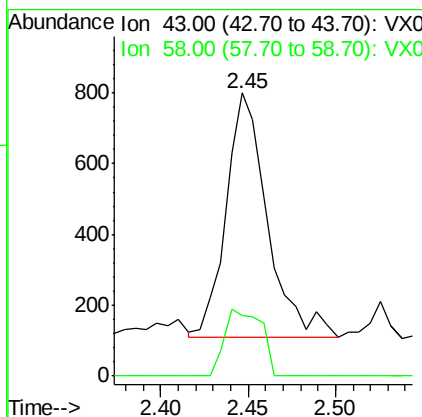
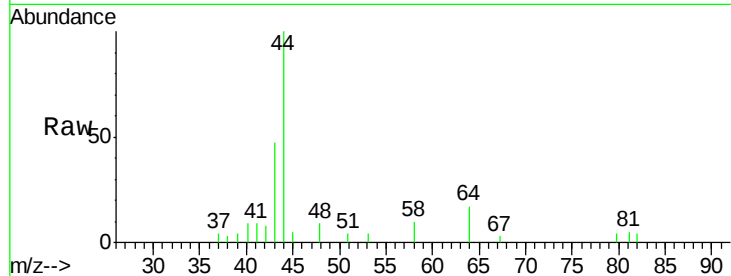




#16
Acetone
Concen: 0.98 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX001034.D
Acq: 21 Apr 2018 02:53

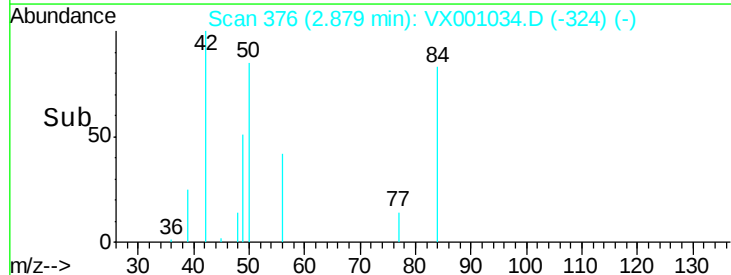
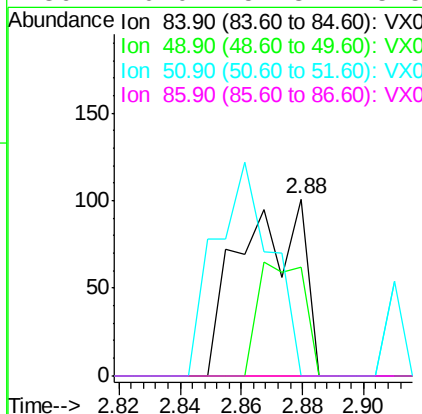
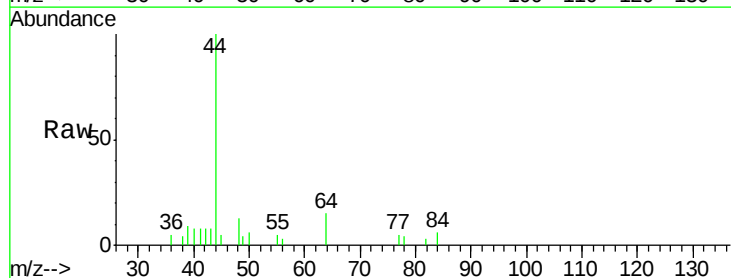
Instrument :
MSVOA_X
ClientSampleId :

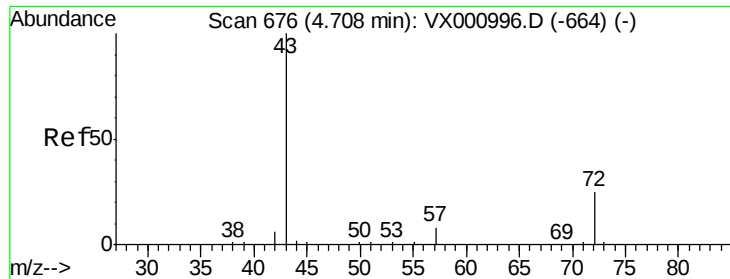
Tot Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 24.9 23.7 35.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.88 min Scan# 376
Delta R.T. 0.02 min
Lab File: VX001034.D
Acq: 21 Apr 2018 02:53

Tgt Ion: 84 Resp: 144
Ion Ratio Lower Upper
84 100
49 61.4 97.1 145.7#
51 0.0 30.8 46.2#
86 0.0 52.3 78.5#





#25

2-Butanone

Concen: 0.34 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

Instrument :

MSVOA_X

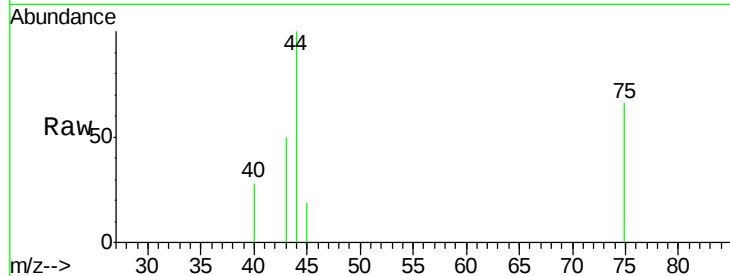
ClientSampled :

Tot Ion: 43 Resp: 600

Ion Ratio Lower Upper

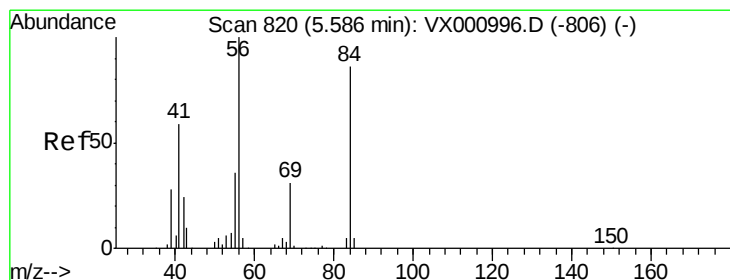
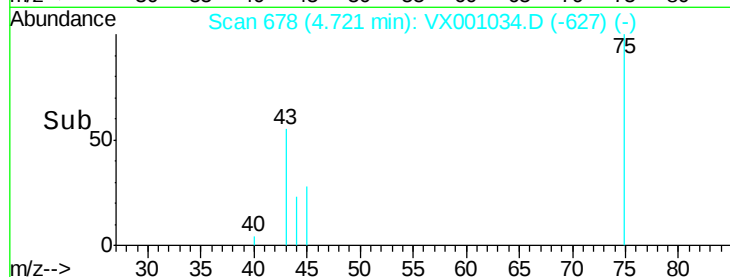
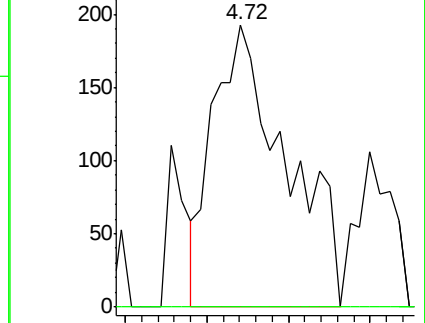
43 100

72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 0.97 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

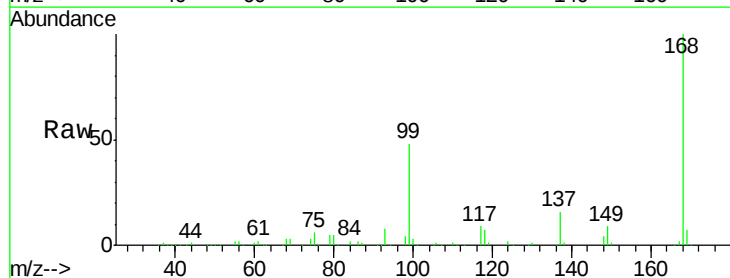
Tgt Ion: 56 Resp: 4149

Ion Ratio Lower Upper

56 100

69 167.0 24.6 36.8#

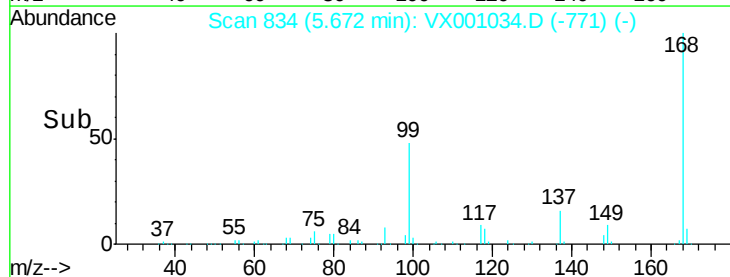
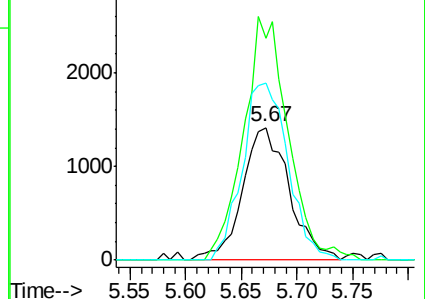
84 133.5 69.0 103.6#

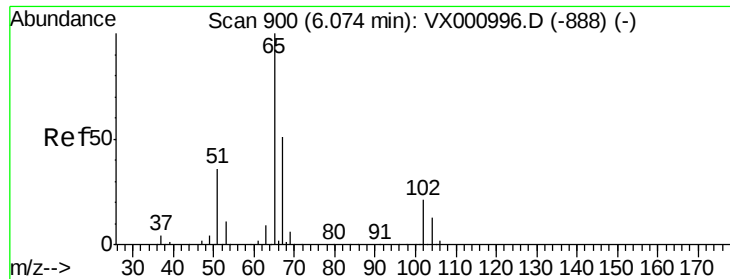


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

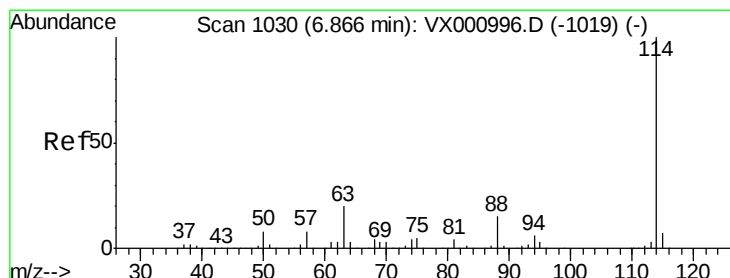
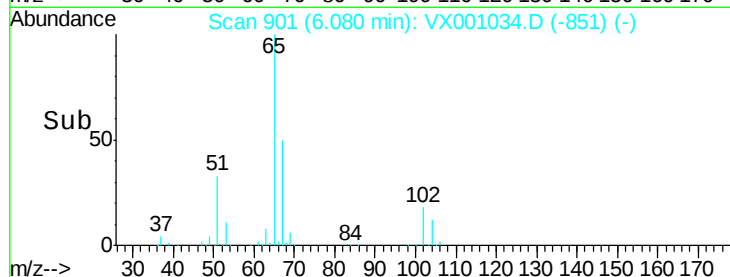
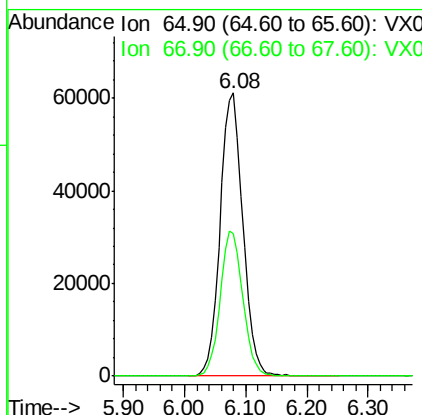
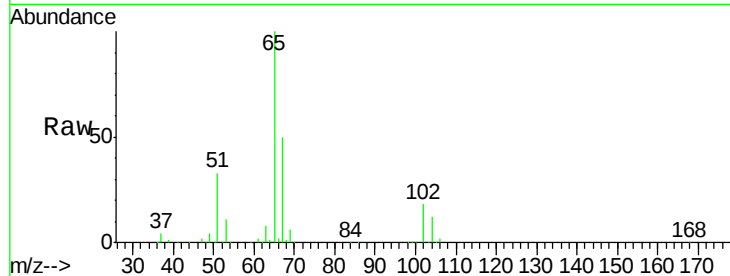




#33
 1,2-Dichloroethane-d4
 Concen: 51.66 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001034.D
 Acq: 21 Apr 2018 02:53

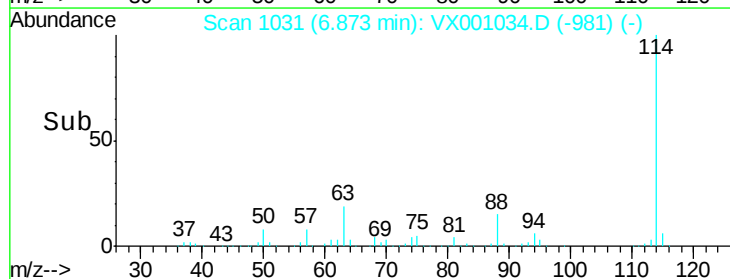
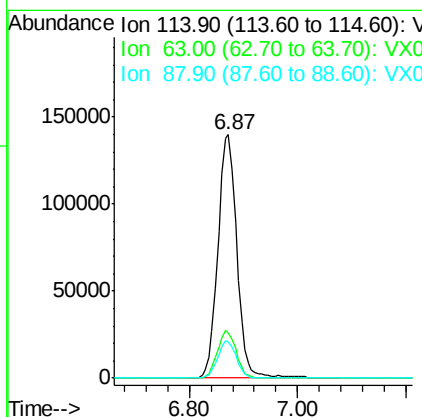
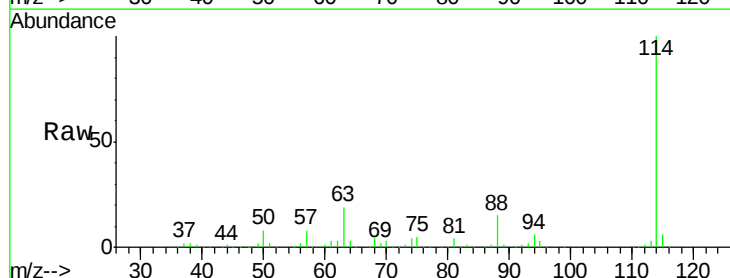
Instrument :
 MSVOA_X
 ClientSampleId :

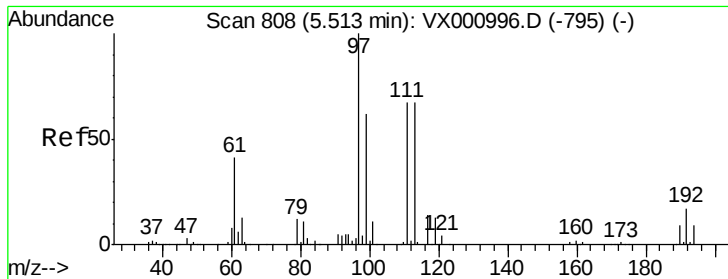
Tot Ion: 65 Resp: 157387
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001034.D
 Acq: 21 Apr 2018 02:53

Tgt Ion: 114 Resp: 340129
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.4
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.05 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

Instrument :

MSVOA_X

ClientSampled :

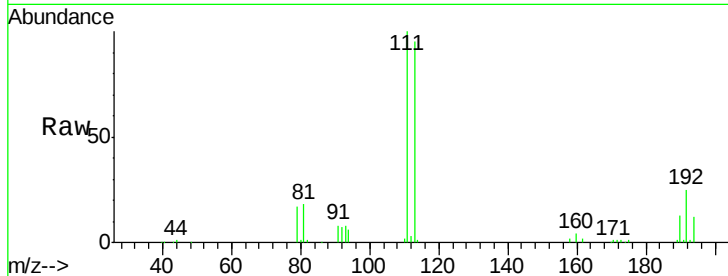
Tot Ion:113 Resp: 119432

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.2

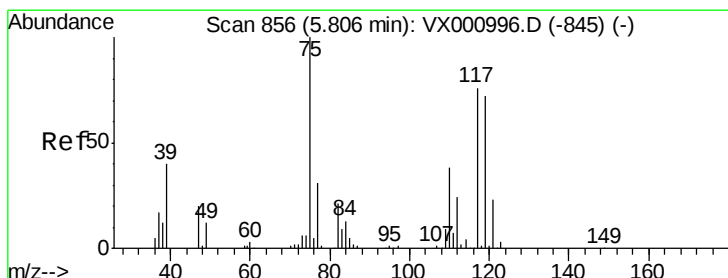
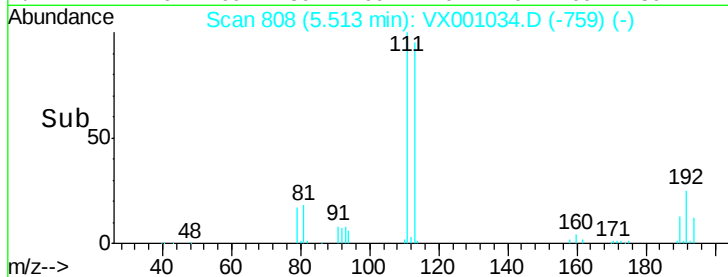
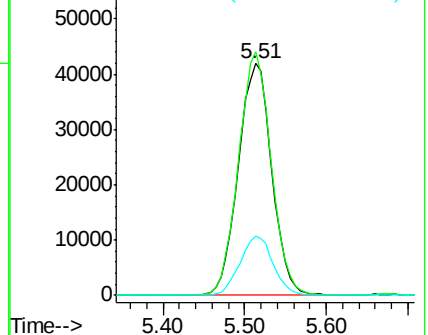
192 25.5 20.4 30.6



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: 3.69 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

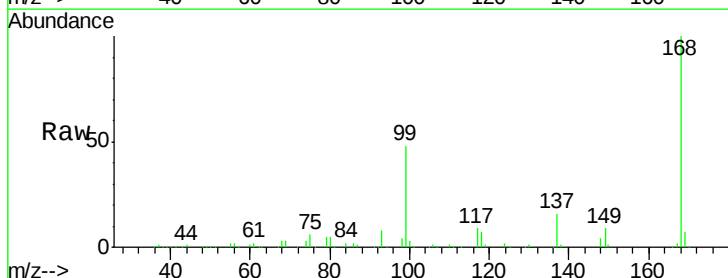
Tgt Ion: 75 Resp: 14754

Ion Ratio Lower Upper

75 100

110 10.2 18.7 56.1#

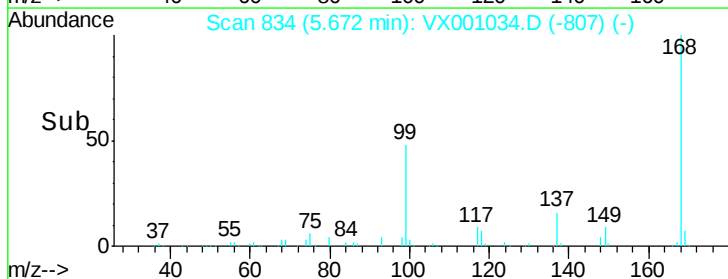
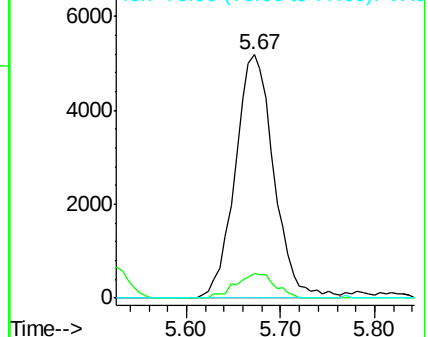
77 0.0 25.0 37.4#

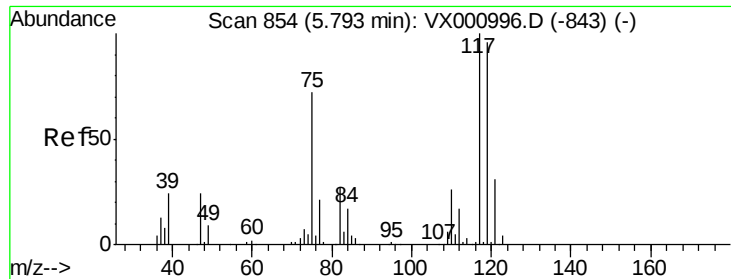


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.16 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :

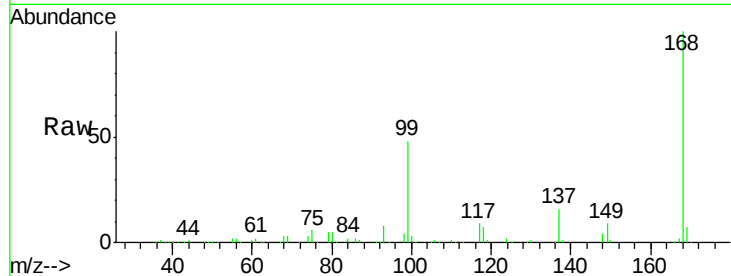
Tot Ion:117 Resp: 20893

Ion Ratio Lower Upper

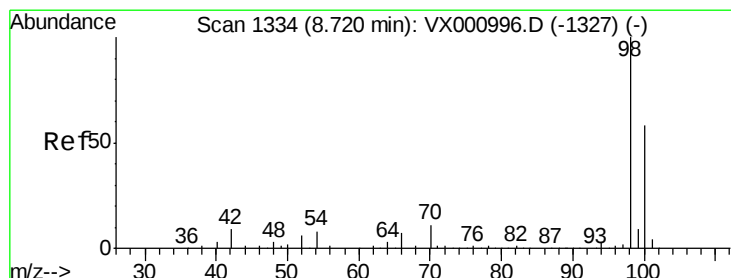
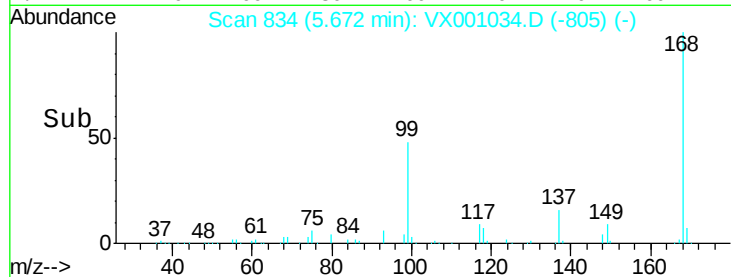
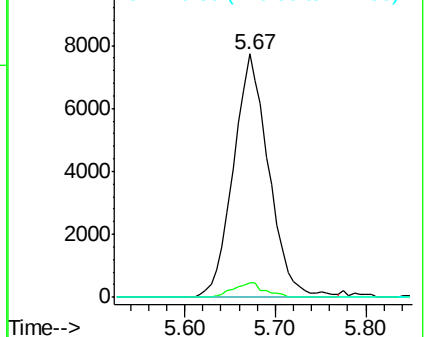
117 100

119 5.7 76.5 114.7#

121 0.0 24.5 36.7#



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: 49.66 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001034.D

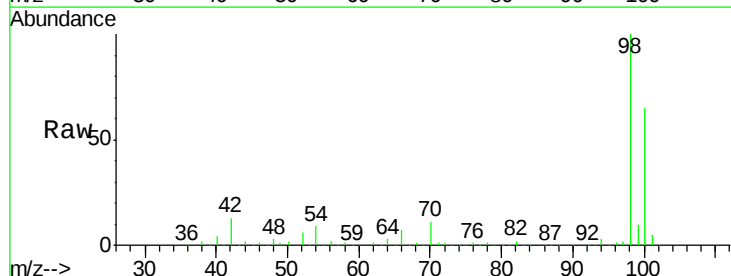
Acq: 21 Apr 2018 02:53

Tgt Ion: 98 Resp: 476209

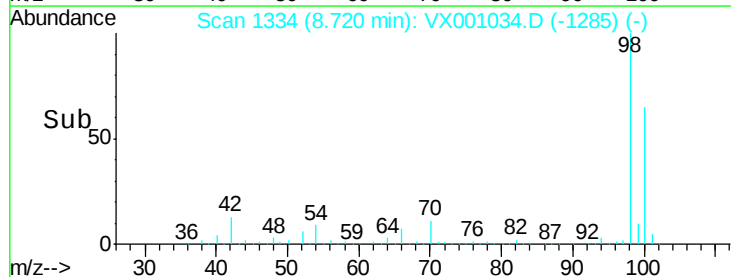
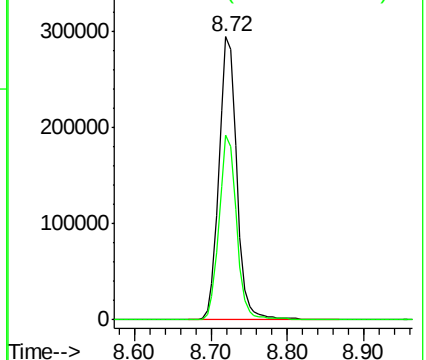
Ion Ratio Lower Upper

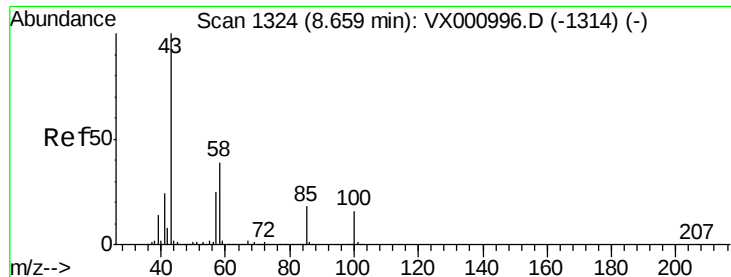
98 100

100 64.2 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 0.58 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.06 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

Instrument :

MSVOA_X

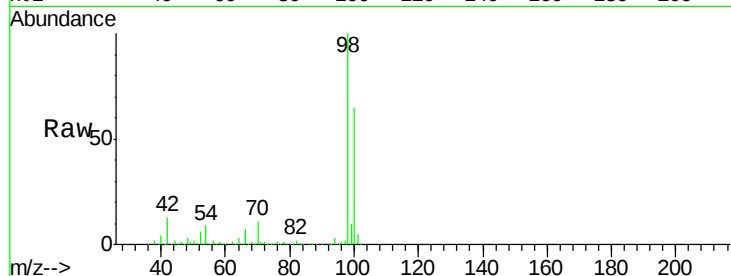
ClientSampled :

Tot Ion: 43 Resp: 2208

Ion Ratio Lower Upper

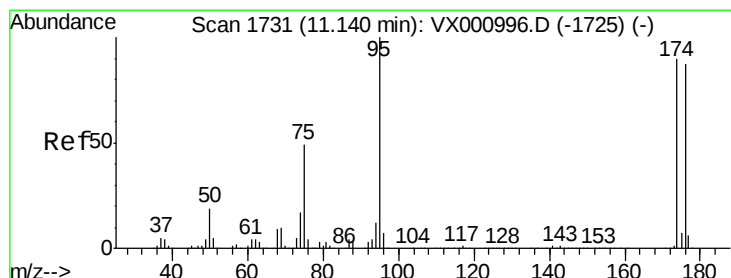
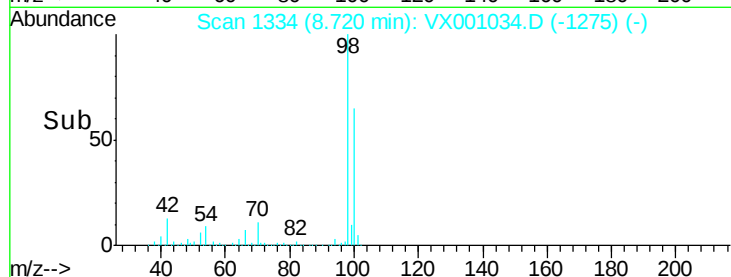
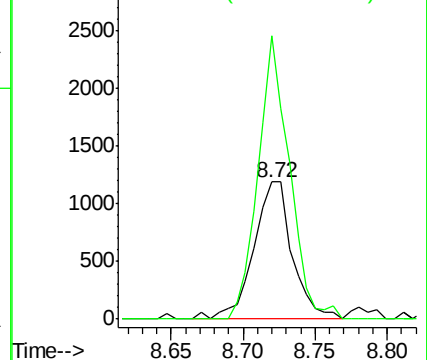
43 100

58 167.4 30.2 45.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

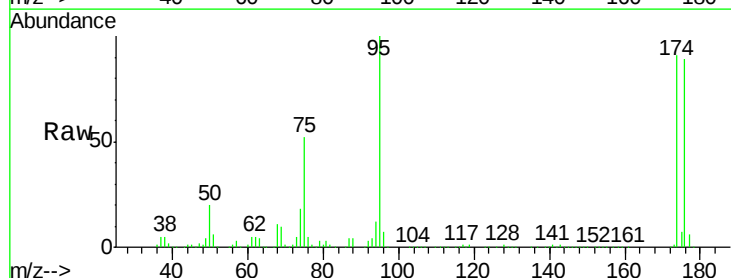
Tgt Ion: 95 Resp: 184729

Ion Ratio Lower Upper

95 100

174 97.7 0.0 198.4

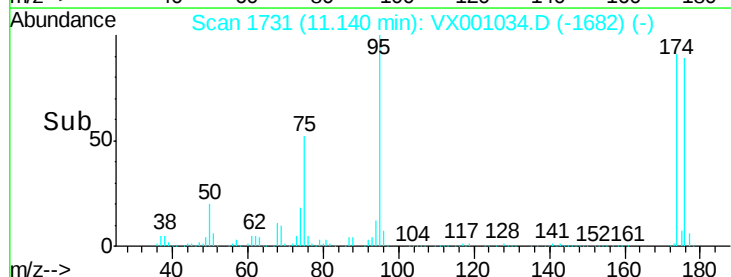
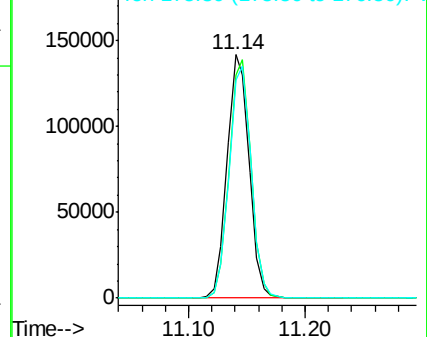
176 96.0 0.0 192.0

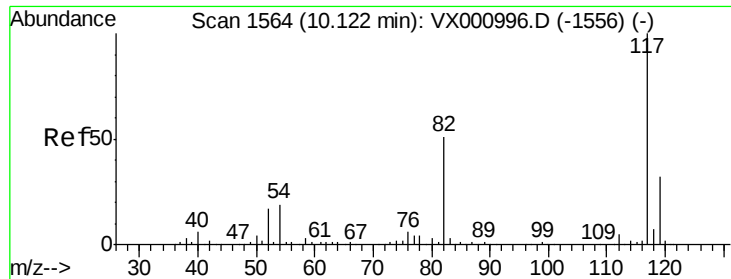


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

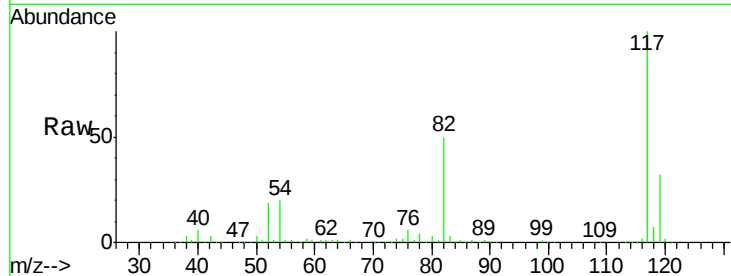




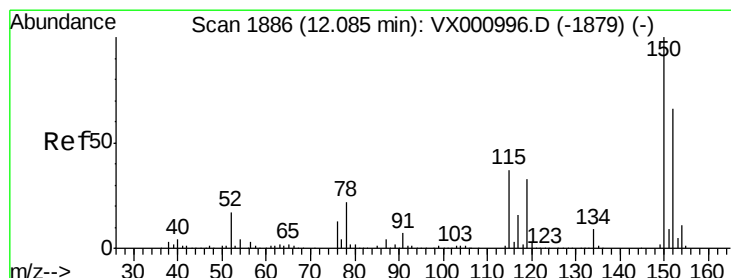
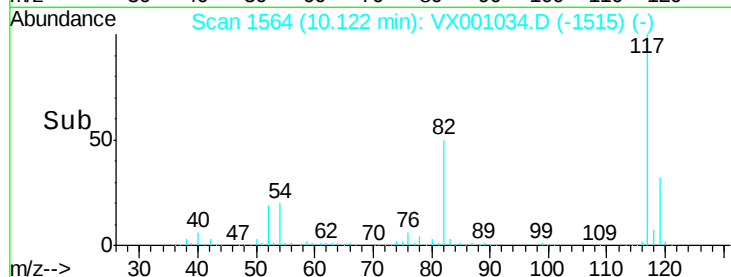
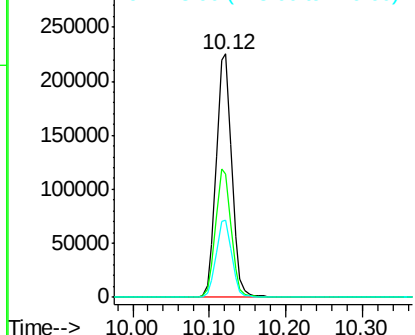
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001034.D
Acq: 21 Apr 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 318558
Ion Ratio Lower Upper
117 100
82 50.5 40.6 60.8
119 31.9 26.0 39.0

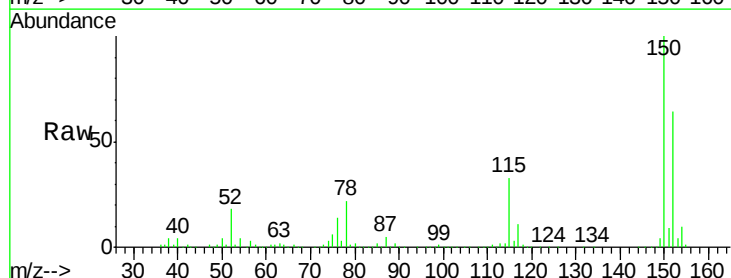


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

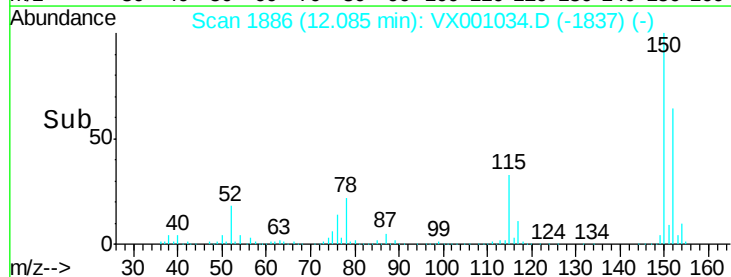
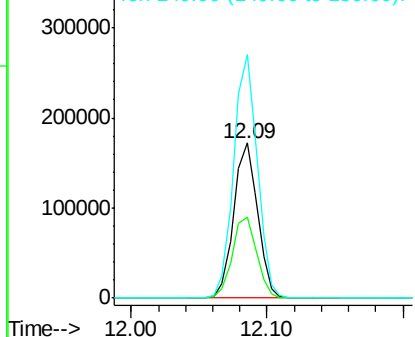


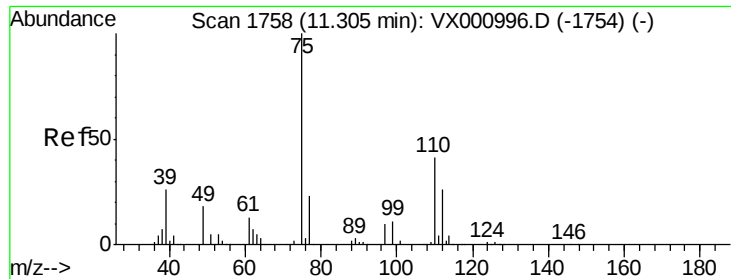
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001034.D
Acq: 21 Apr 2018 02:53

Tgt Ion:152 Resp: 209211
Ion Ratio Lower Upper
152 100
115 53.7 38.2 114.6
150 156.5 0.0 350.4



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: 25.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

Instrument :

MSVOA_X

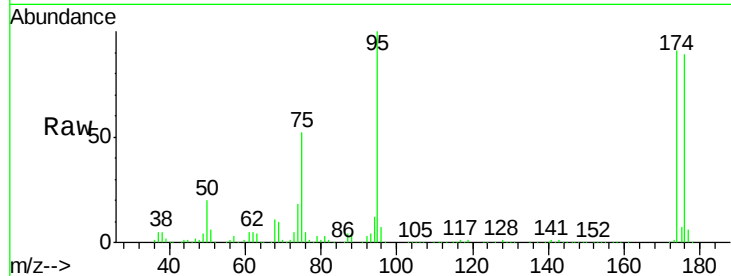
ClientSampleId :

Tot Ion: 75 Resp: 93736

Ion Ratio Lower Upper

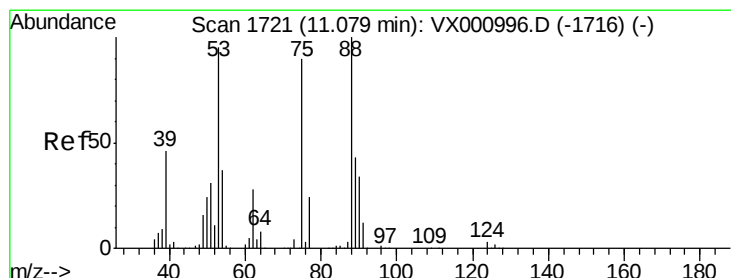
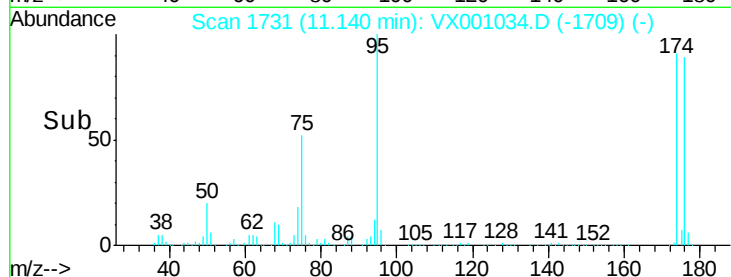
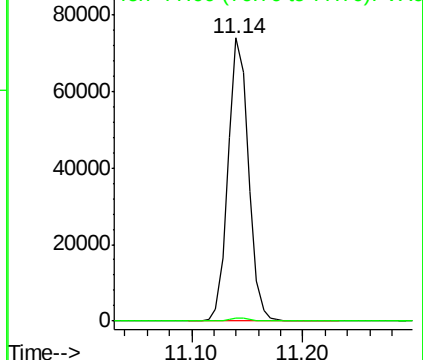
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 77.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001034.D

Acq: 21 Apr 2018 02:53

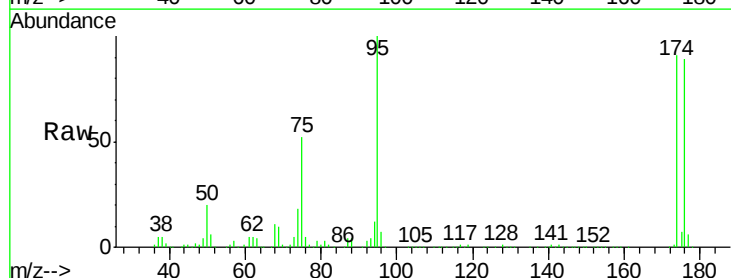
Tgt Ion: 75 Resp: 93736

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

