

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001035.D
 Acq On : 21 Apr 2018 03:18
 Operator : JC/MD
 Sample : J2377-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:42:58 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	246080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214055	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	161203	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	123294	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
50) Toluene-d8	8.72	98	485863	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.14	95	189294	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	

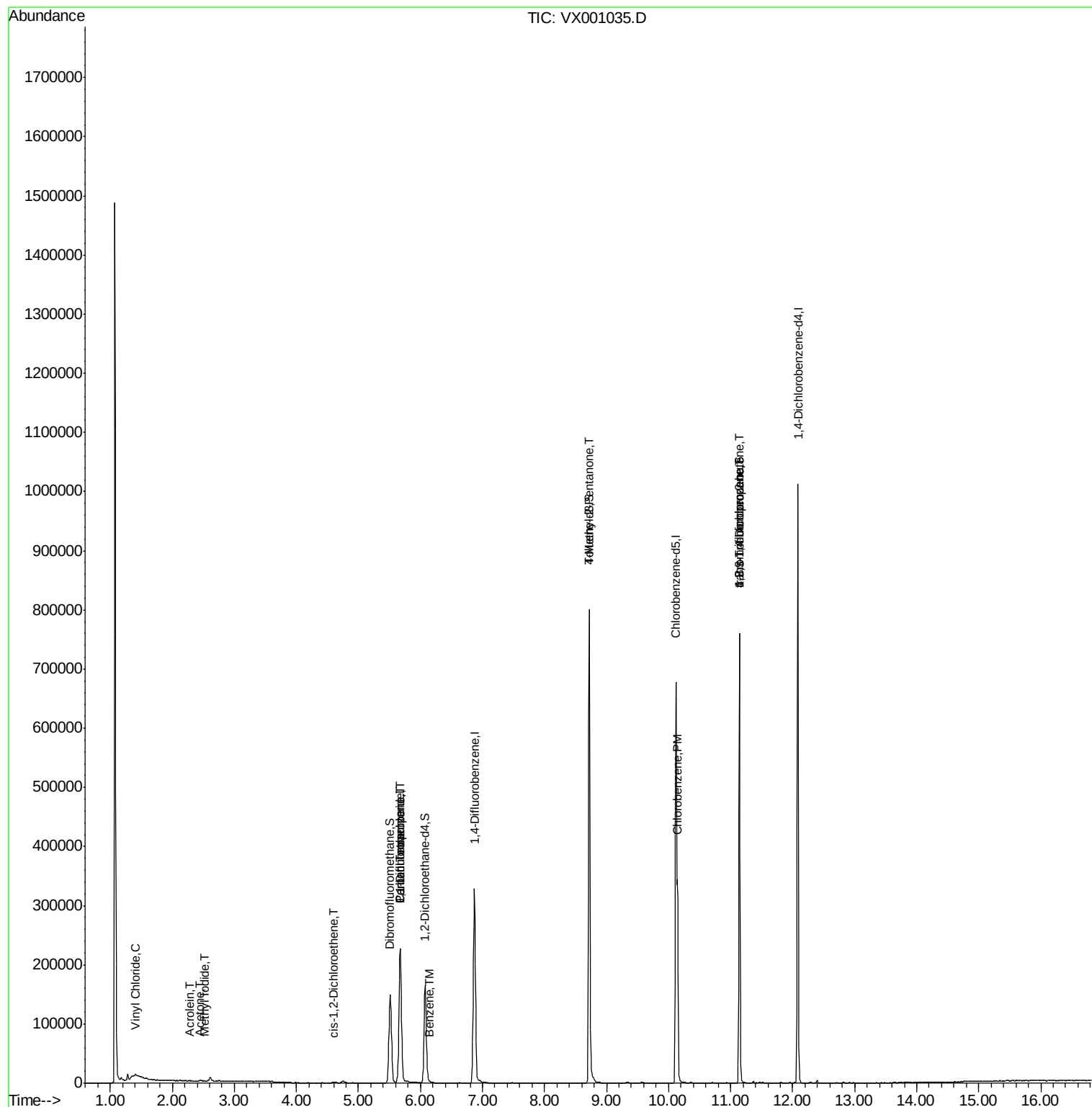
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	1236	0.42	ug/l #	26
5) Bromomethane	1.65	94	120	Below Cal	#	2
10) Methyl Iodide	2.51	142	77	7.63	ug/l #	41
13) Acrolein	2.29	56	70	11.39	ug/l #	14
16) Acetone	2.44	43	1032	0.88	ug/l	91
20) Methylene Chloride	2.88	84	19	Below Cal	#	12
27) cis-1,2-Dichloroethene	4.60	96	991	0.33	ug/l	74
36) 1,1-Dichloropropene	5.67	75	15406	3.76	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20806	5.02	ug/l #	16
40) Benzene	6.15	78	2554	0.22	ug/l	95
51) 4-Methyl-2-Pentanone	8.72	43	2205	0.56	ug/l #	1
65) Chlorobenzene	10.15	112	137428	15.95	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	95460	25.70	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	95460	77.00	ug/l #	8

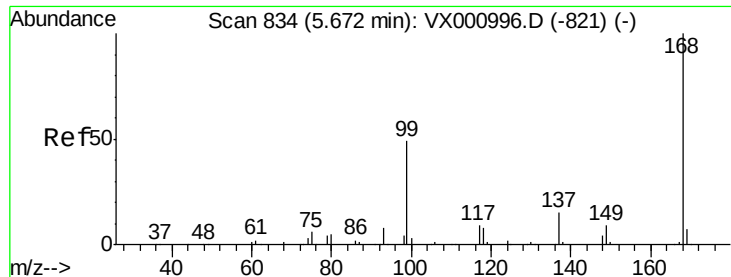
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
Data File : VX001035.D
Acq On : 21 Apr 2018 03:18
Operator : JC/MD
Sample : J2377-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 21 05:42:58 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: VX001035.D

Acq: 21 Apr 2018 03:18

Instrument :

MSVOA_X

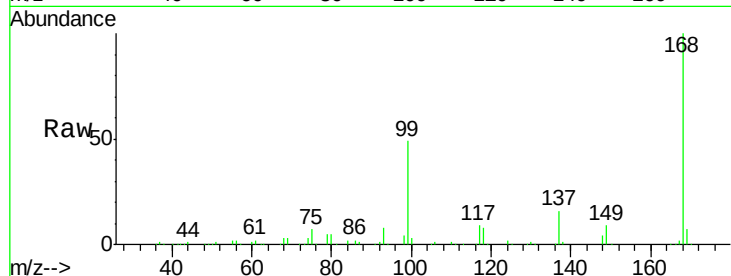
ClientSampleId :

Tot Ion:168 Resp: 246080

Ion Ratio Lower Upper

168 100

99 48.7 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

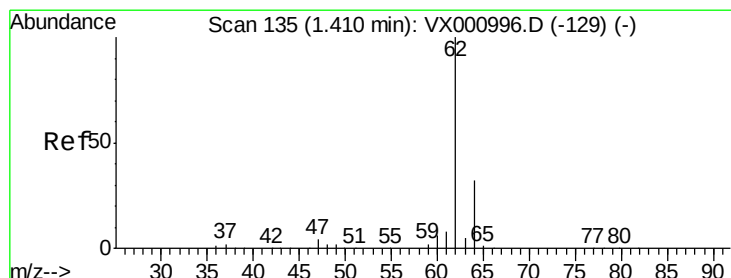
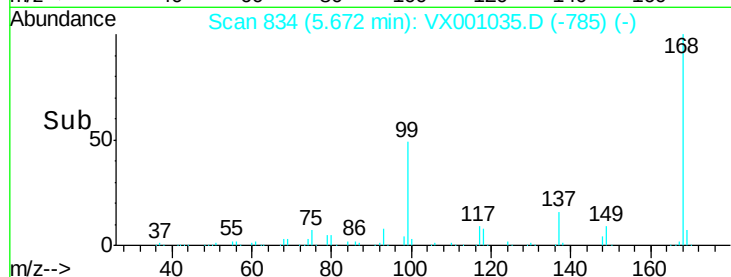
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 0.42 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001035.D

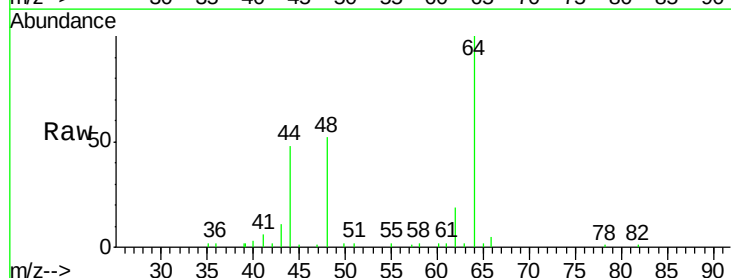
Acq: 21 Apr 2018 03:18

Tgt Ion: 62 Resp: 1236

Ion Ratio Lower Upper

62 100

64 73.3 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

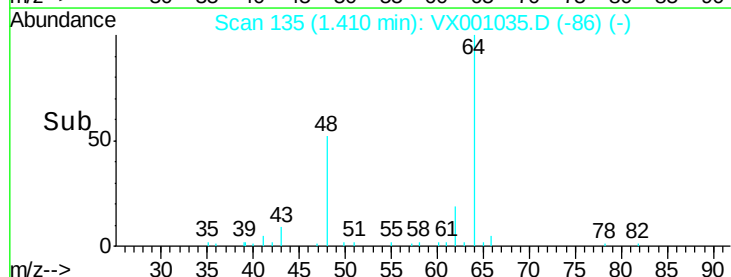
6000

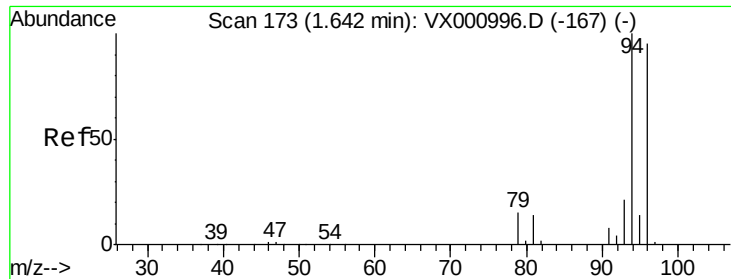
4000

2000

0

Time--> 1.40 1.45





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001035.D

Acq: 21 Apr 2018 03:18

Instrument :

MSVOA_X

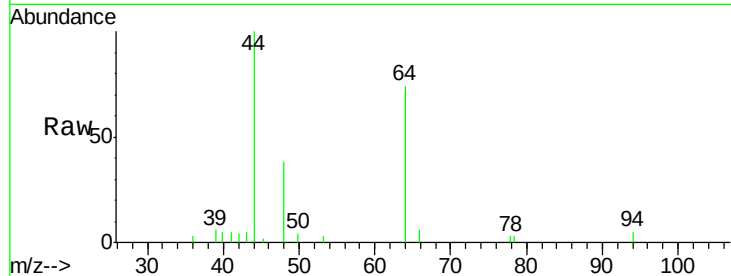
ClientSampled :

Tot Ion: 94 Resp: 120

Ion Ratio Lower Upper

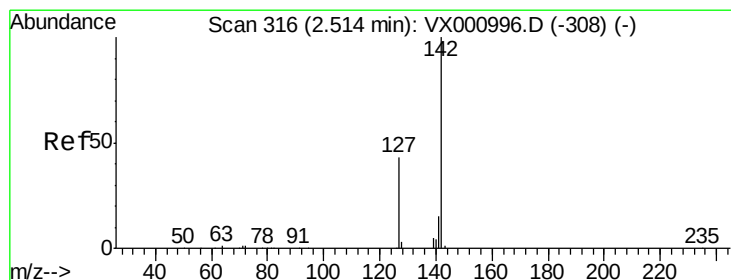
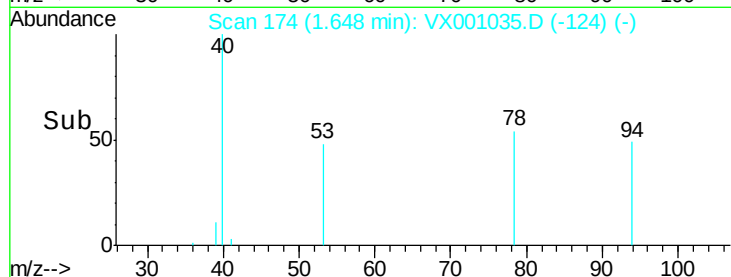
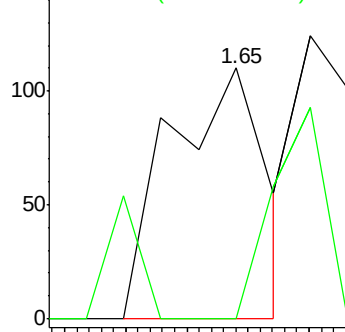
94 100

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



#10

Methyl Iodide

Concen: 7.63 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001035.D

Acq: 21 Apr 2018 03:18

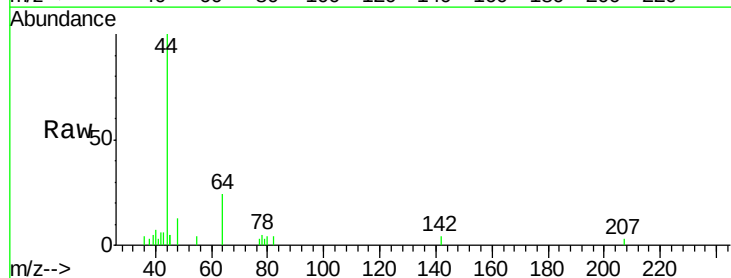
Tgt Ion: 142 Resp: 77

Ion Ratio Lower Upper

142 100

127 0.0 34.0 51.0#

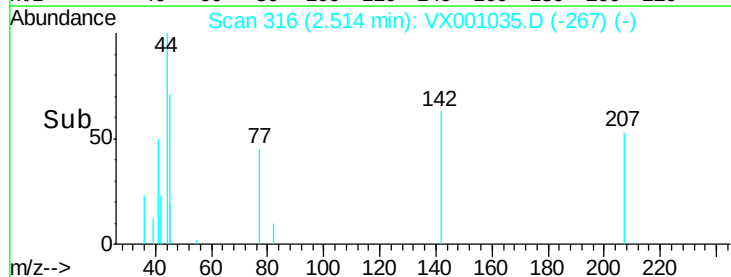
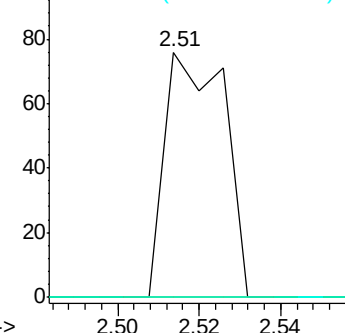
141 0.0 11.4 17.2#

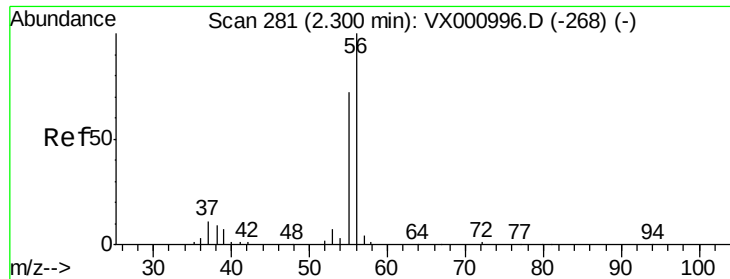


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 11.39 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001035.D

Acq: 21 Apr 2018 03:18

Instrument :

MSVOA_X

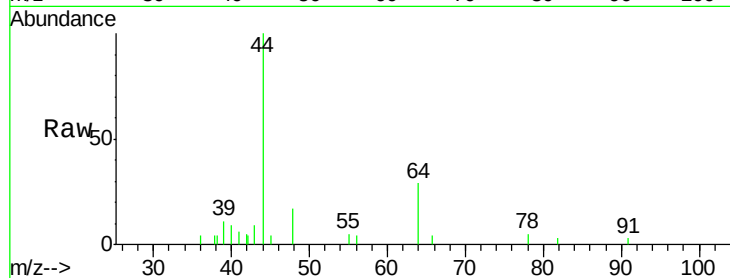
ClientSampled :

Tot Ion: 56 Resp: 70

Ion Ratio Lower Upper

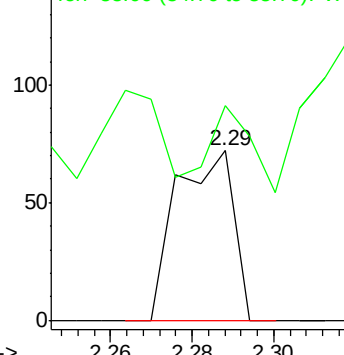
56 100

55 0.0 57.4 86.2#

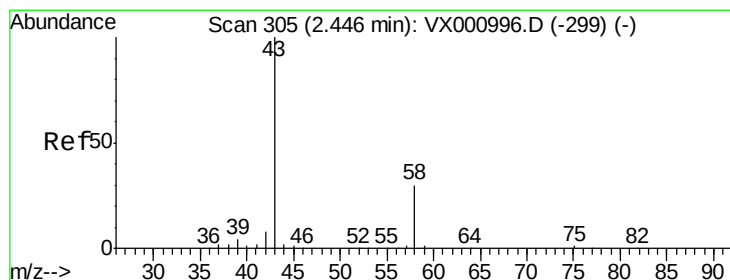
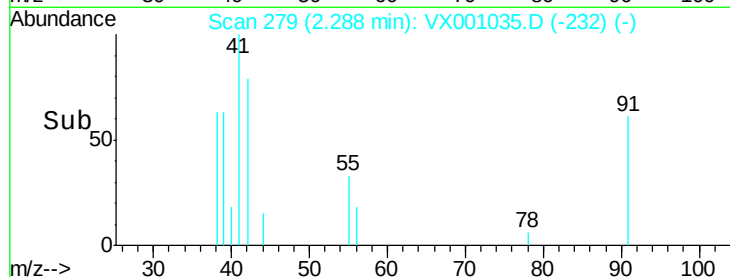


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 0.88 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX001035.D

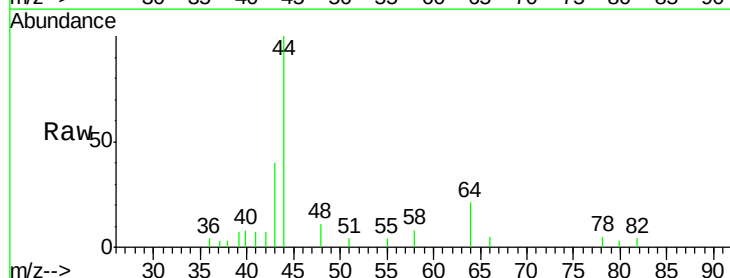
Acq: 21 Apr 2018 03:18

Tgt Ion: 43 Resp: 1032

Ion Ratio Lower Upper

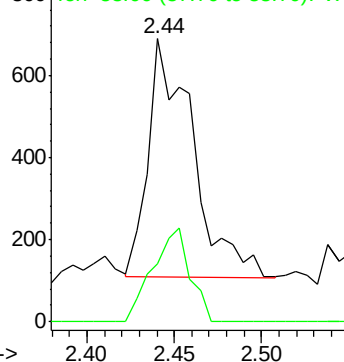
43 100

58 24.5 23.7 35.5

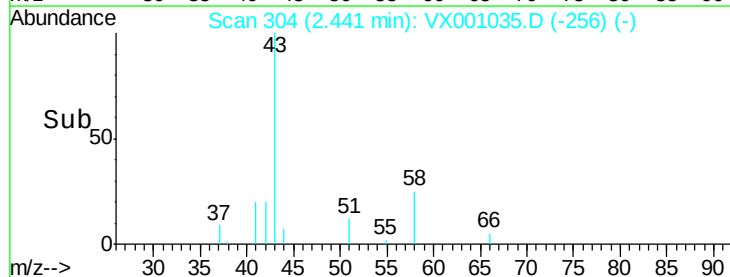


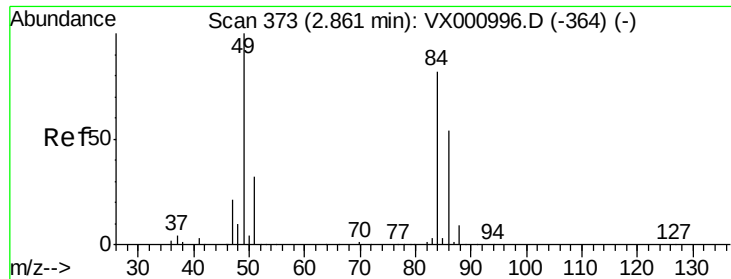
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



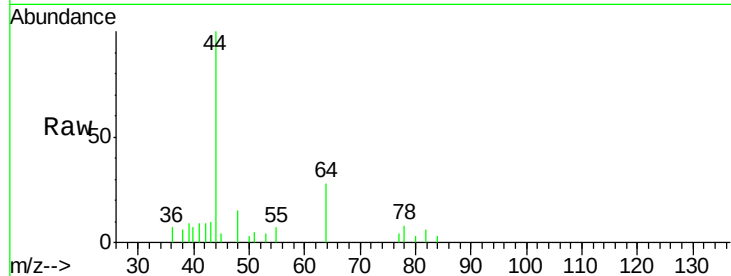


#20

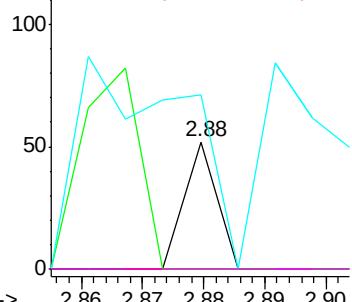
Methylene Chloride
 Concen: Below Cal
 RT: 2.88 min Scan# 376
 Delta R.T. 0.02 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

Instrument :
 MSVOA_X
 ClientSampled :

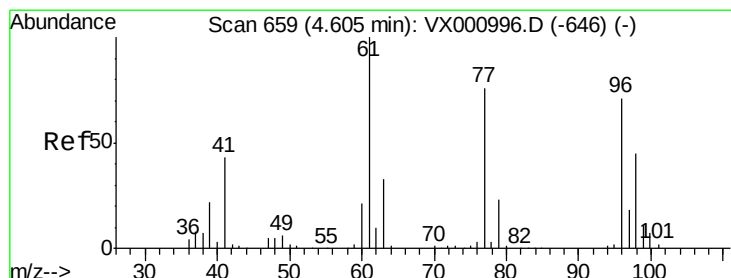
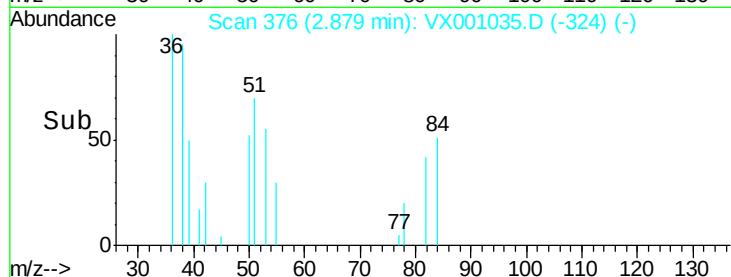
Tot Ion: 84 Resp: 19
 Ion Ratio Lower Upper
 84 100
 49 0.0 97.1 145.7#
 51 19.2 30.8 46.2#
 86 0.0 52.3 78.5#



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



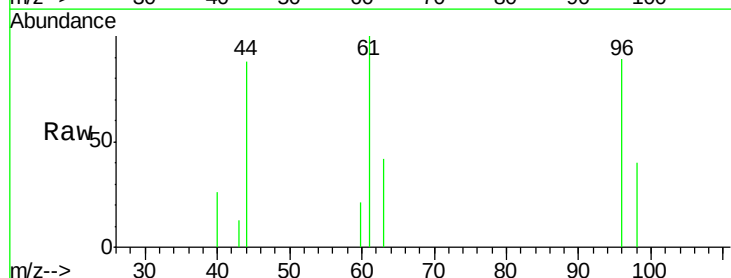
Time-->



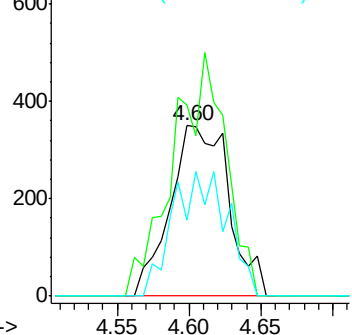
#27

cis-1,2-Dichloroethene
 Concen: 0.33 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

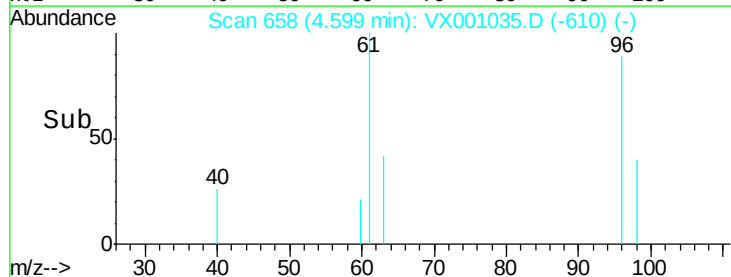
Tgt Ion: 96 Resp: 991
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 297.0
 98 24.9 0.0 130.0

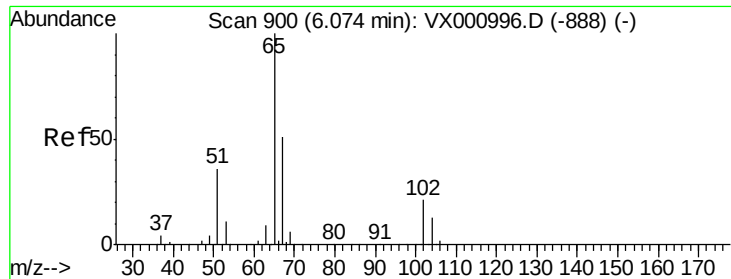


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



Time-->

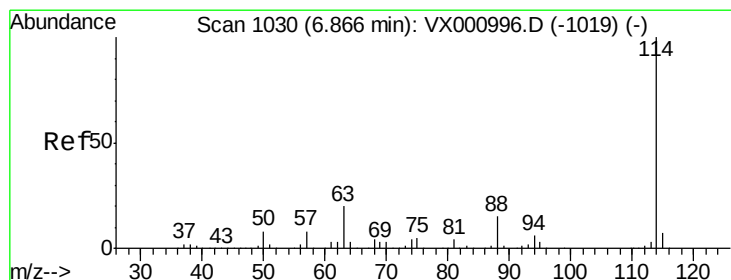
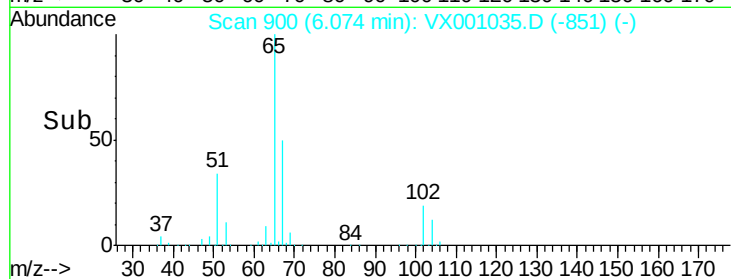
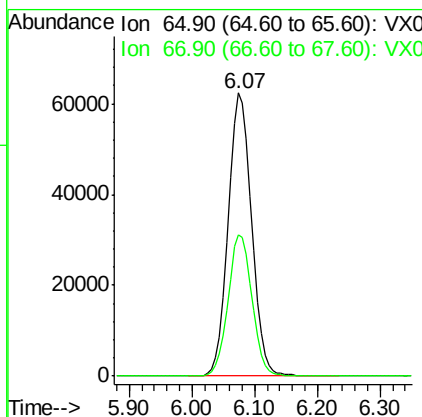
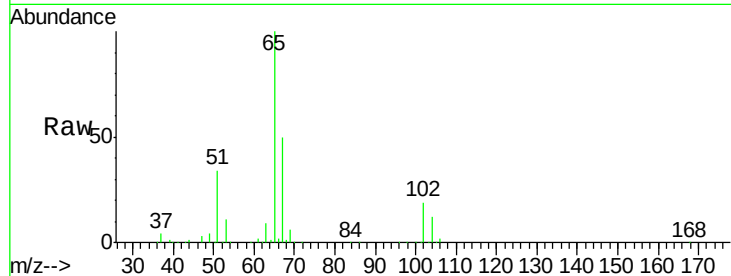




#33
 1,2-Dichloroethane-d4
 Concen: 51.68 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

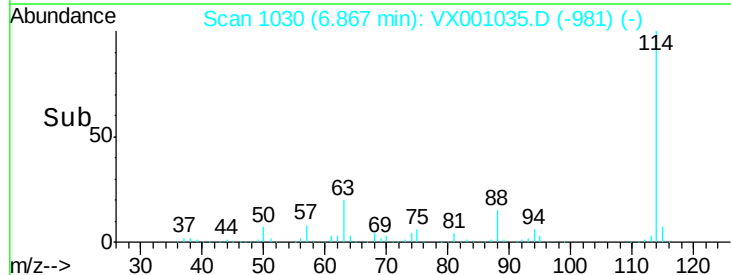
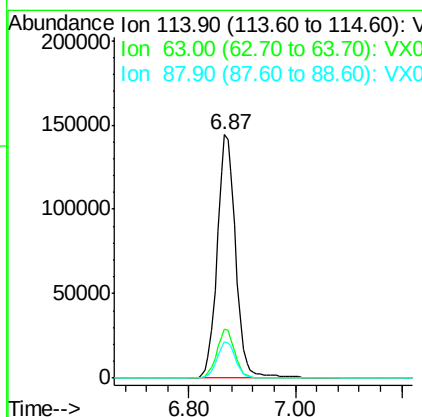
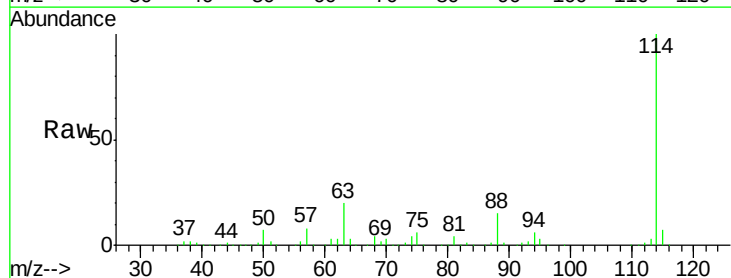
Instrument :
 MSVOA_X
 ClientSampleId :

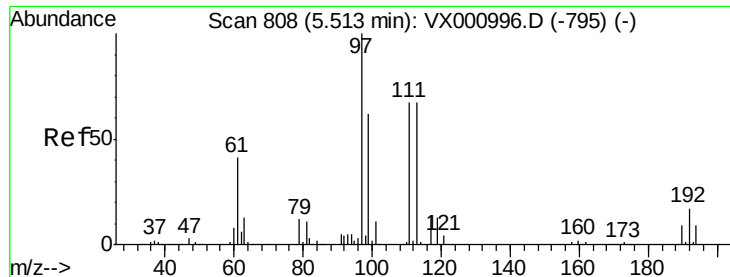
Tot Ion: 65 Resp: 161203
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

Tgt Ion: 114 Resp: 348431
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.0 0.0 29.8

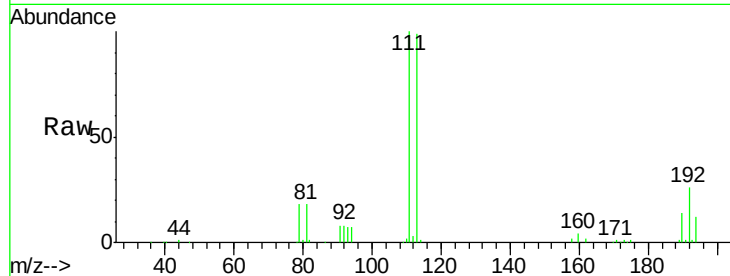




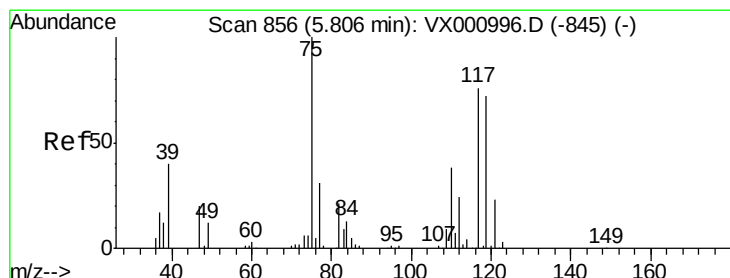
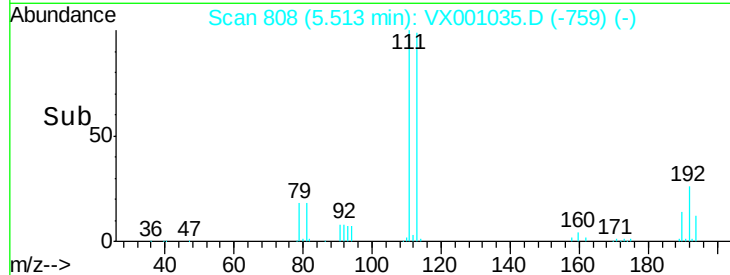
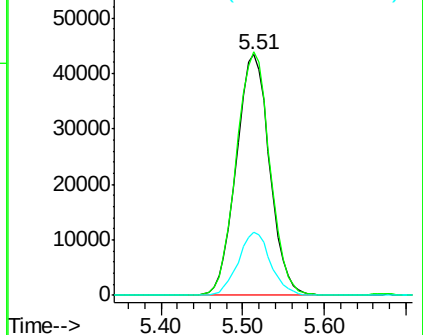
#35
 Dibromofluoromethane
 Concen: 46.41 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:113 Resp: 123294
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.2
 192 25.6 20.4 30.6

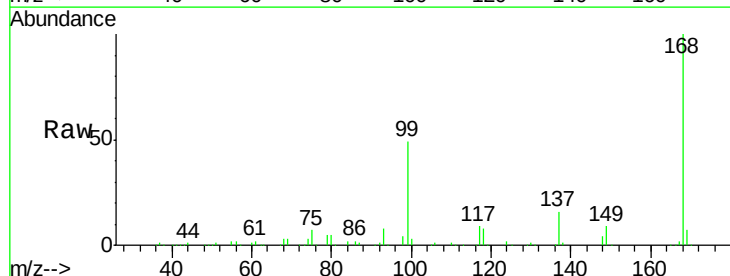


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

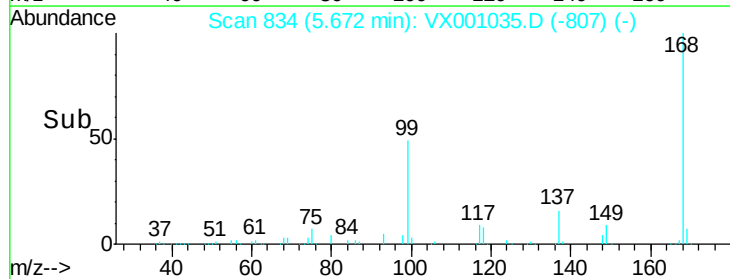
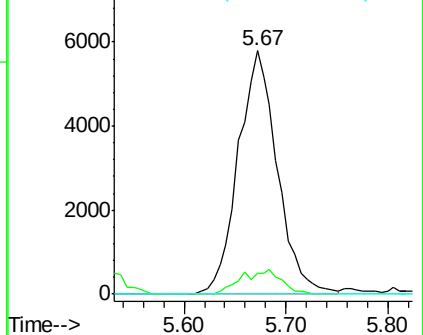


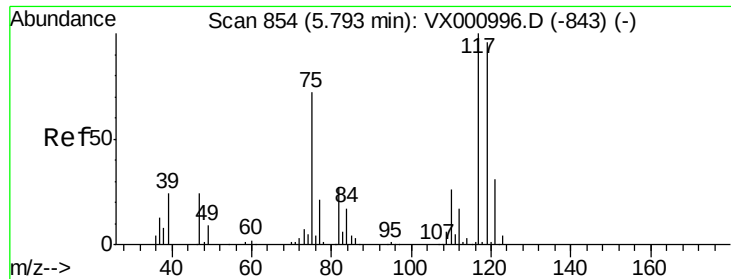
#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

Tgt Ion: 75 Resp: 15406
 Ion Ratio Lower Upper
 75 100
 110 10.4 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: 5.02 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001035.D

Acq: 21 Apr 2018 03:18

Instrument :

MSVOA_X

ClientSampleId :

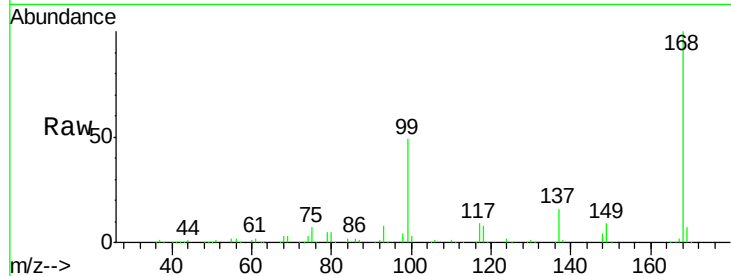
Tot Ion:117 Resp: 20806

Ion Ratio Lower Upper

117 100

119 5.6 76.5 114.7#

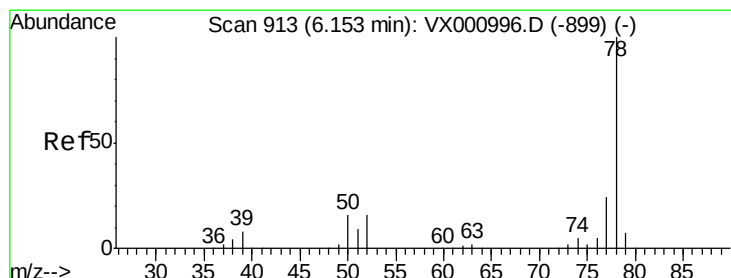
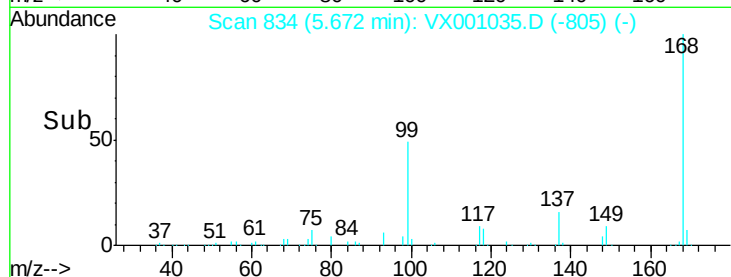
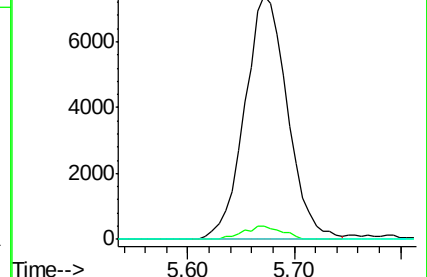
121 0.0 24.5 36.7#



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



#40

Benzene

Concen: 0.22 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX001035.D

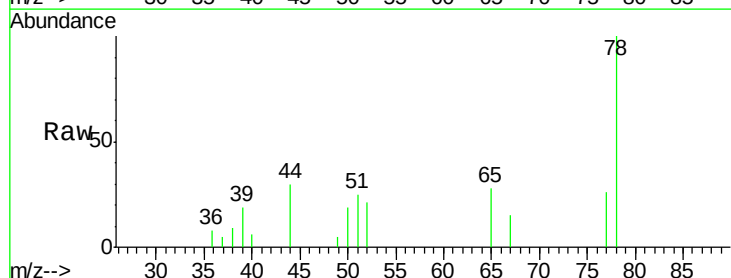
Acq: 21 Apr 2018 03:18

Tgt Ion: 78 Resp: 2554

Ion Ratio Lower Upper

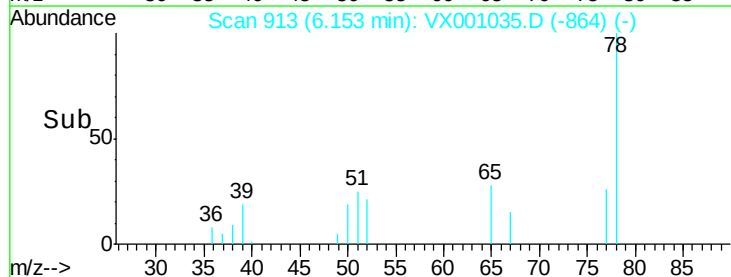
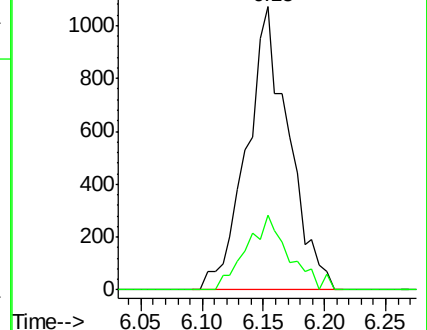
78 100

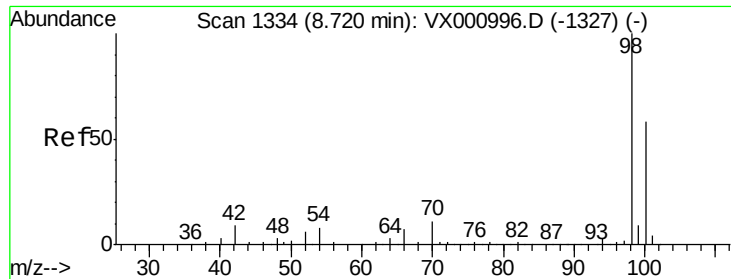
77 26.2 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

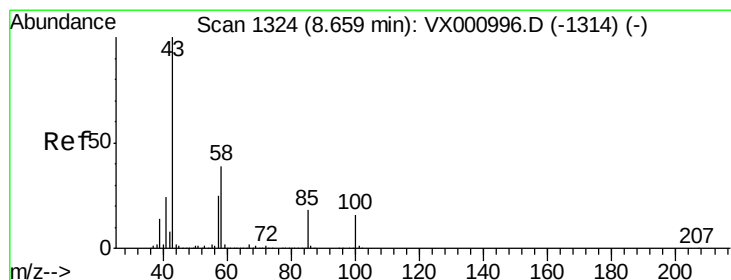
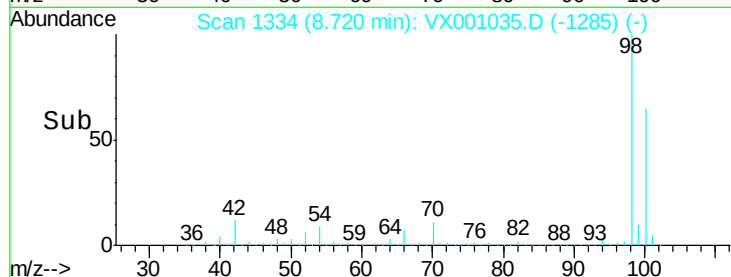
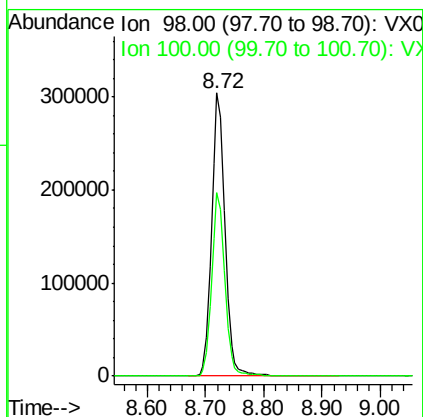
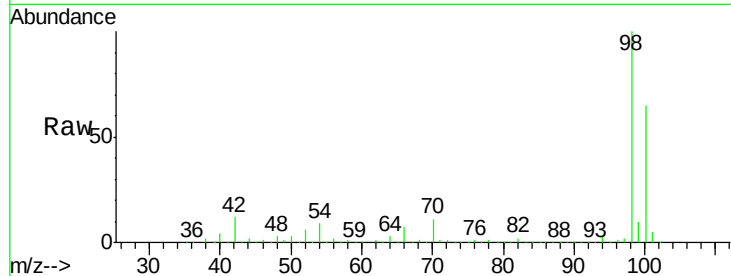




#50
Toluene-d8
Concen: 49.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001035.D
Acq: 21 Apr 2018 03:18

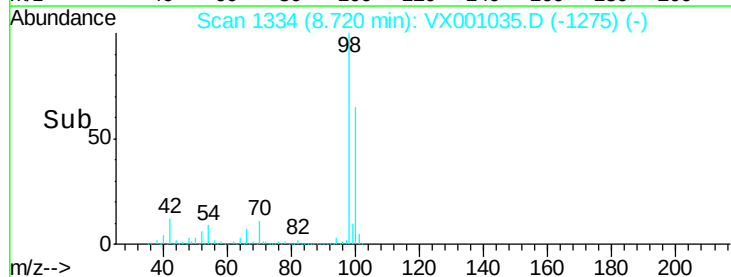
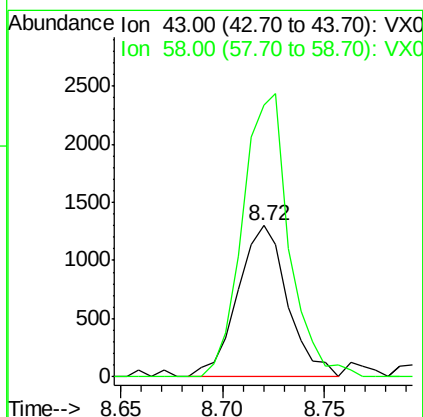
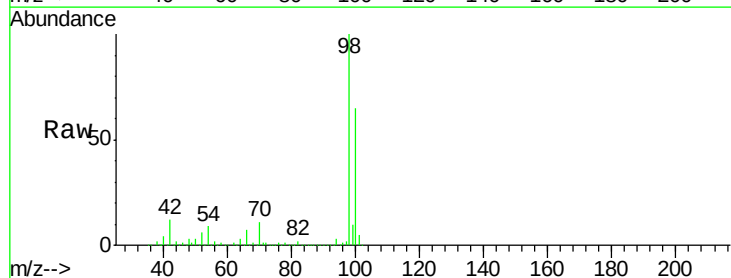
Instrument :
MSVOA_X
ClientSampleId :

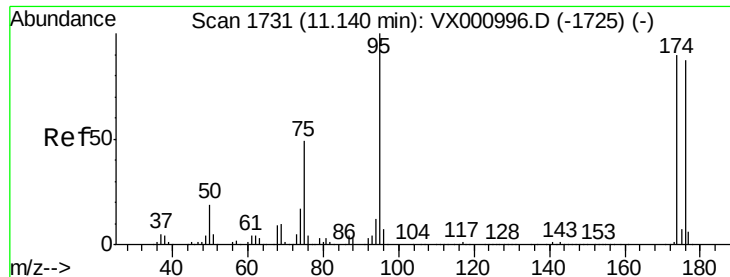
Tot Ion: 98 Resp: 485863
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX001035.D
Acq: 21 Apr 2018 03:18

Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 176.0 30.2 45.4#

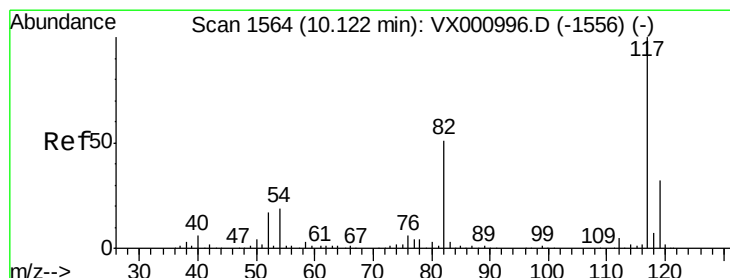
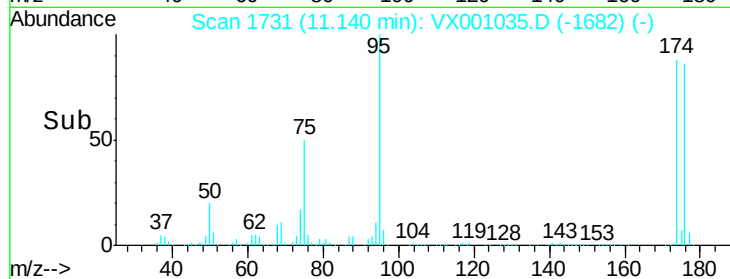
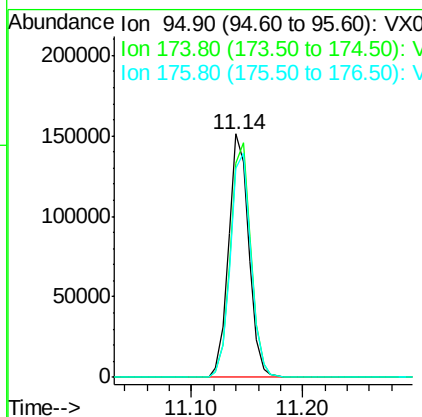
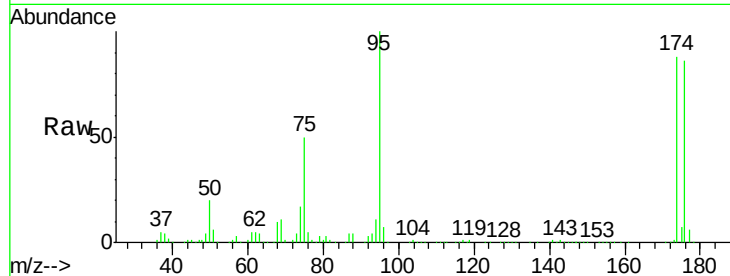




#62
4-Bromofluorobenzene
Concen: 45.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001035.D
Acq: 21 Apr 2018 03:18

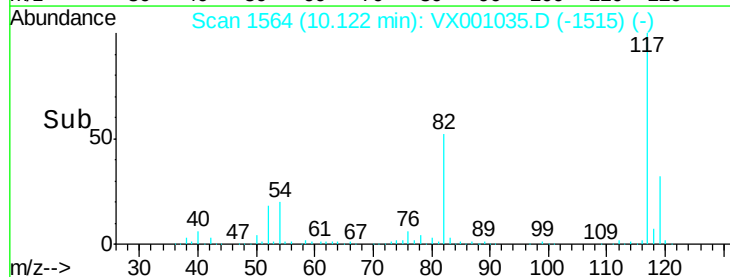
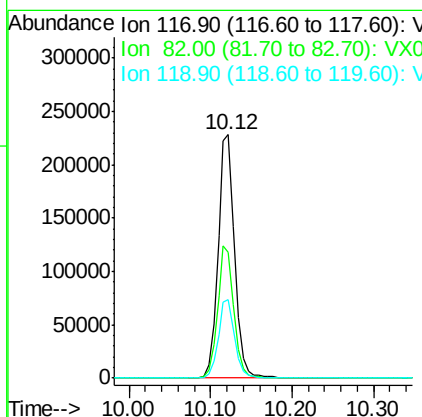
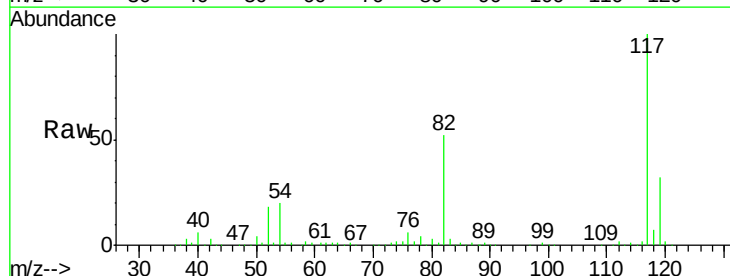
Instrument :
MSVOA_X
ClientSampleId :

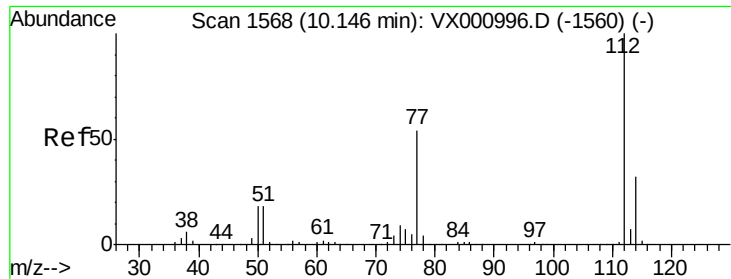
Tot Ion: 95 Resp: 189294
Ion Ratio Lower Upper
95 100
174 97.8 0.0 198.4
176 94.2 0.0 192.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001035.D
Acq: 21 Apr 2018 03:18

Tgt Ion: 117 Resp: 323510
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.1 26.0 39.0

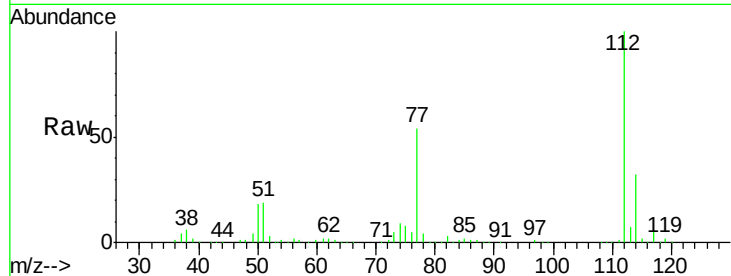




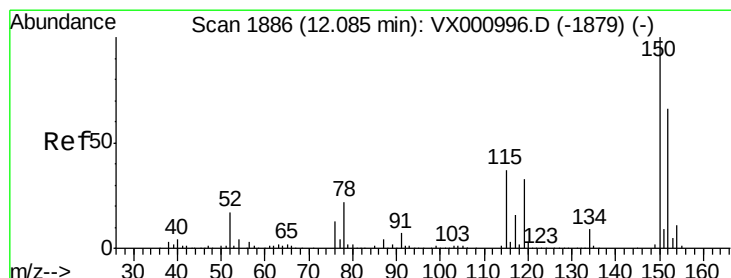
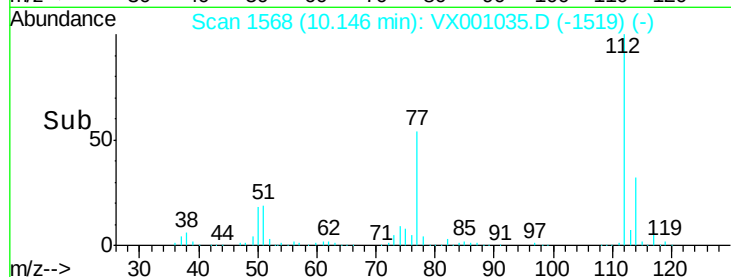
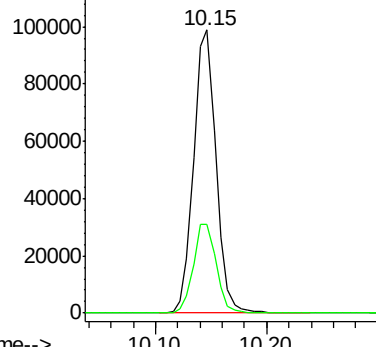
#65
Chlorobenzene
Concen: 15.95 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001035.D
Acq: 21 Apr 2018 03:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:112 Resp: 137428
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3

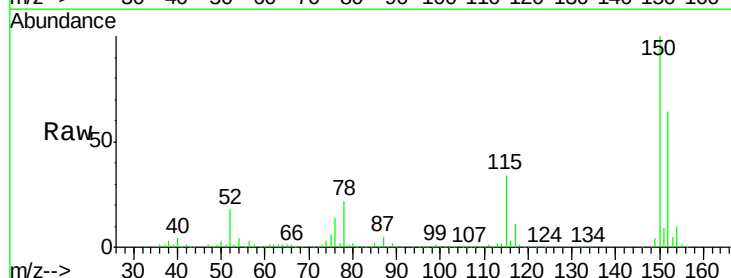


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

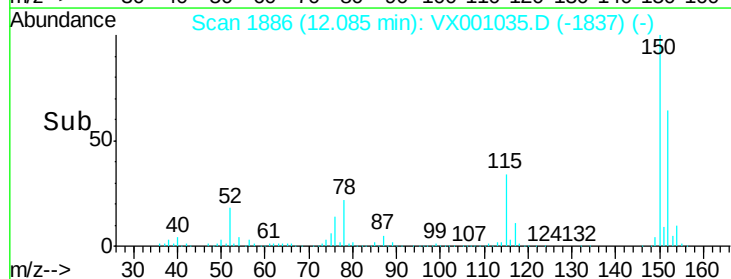
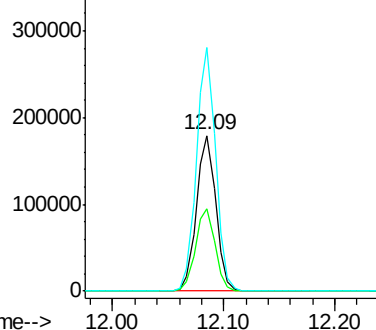


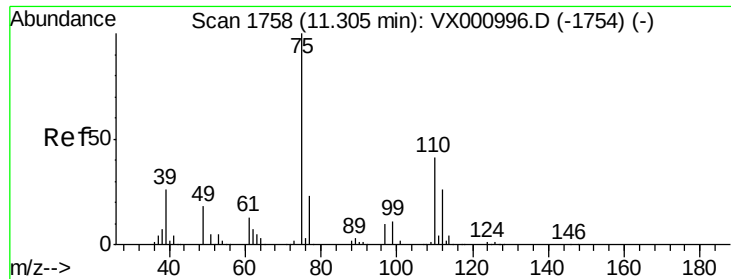
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001035.D
Acq: 21 Apr 2018 03:18

Tgt Ion:152 Resp: 214055
Ion Ratio Lower Upper
152 100
115 54.0 38.2 114.6
150 155.6 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: 25.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001035.D

Acq: 21 Apr 2018 03:18

Instrument :

MSVOA_X

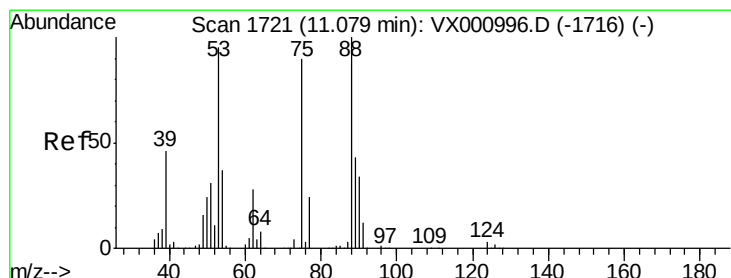
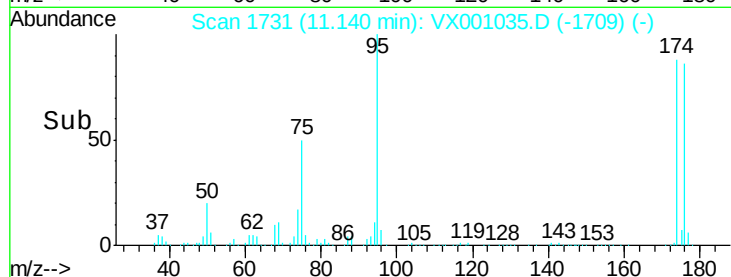
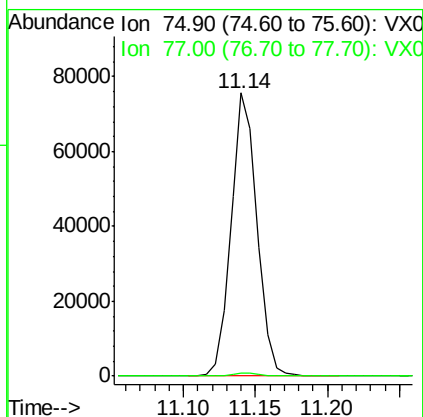
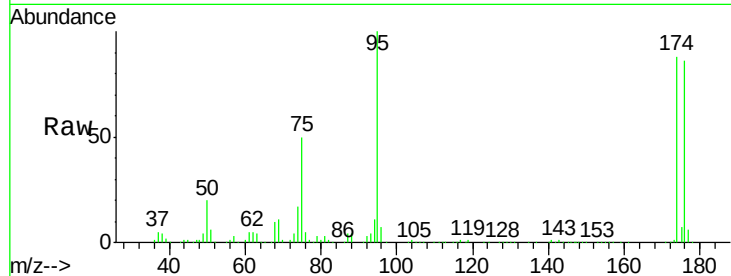
ClientSampleId :

Tot Ion: 75 Resp: 95460

Ion Ratio Lower Upper

75 100

77 1.3 19.6 58.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001035.D

Acq: 21 Apr 2018 03:18

Tgt Ion: 75 Resp: 95460

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 39.7 59.5#

