

Data File : VX001218.D

Acq On : 28 Apr 2018 17:13

Operator : JC/MD

Sample : J2547-09

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E3TB01-180423

Quant Time: Apr 30 01:32:30 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	249933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	217781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	114686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	139345	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	5.51	113	110133	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	8.72	98	414147	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.14	95	134104	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.40	62	1254	0.59	ug/l #	79
5) Bromomethane	1.65	94	311	Below	Cal	99
10) Methyl Iodide	2.53	142	136	7.30	ug/l #	67
13) Acrolein	2.31	56	168	0.80	ug/l #	1
16) Acetone	2.45	43	1867	1.61	ug/l	99
20) Methylene Chloride	2.86	84	560	0.26	ug/l #	51
21) trans-1,2-Dichloroethene	3.17	96	553	0.27	ug/l	90
27) cis-1,2-Dichloroethene	4.61	96	13350	5.98	ug/l	87
29) Tetrahydrofuran	5.20	42	410	0.37	ug/l #	42
31) Cyclohexane	5.67	56	3250	1.08	ug/l #	8
36) 1,1-Dichloropropene	5.67	75	11526	4.18	ug/l #	48
38) Carbon Tetrachloride	5.67	117	15459	5.47	ug/l #	17
54) cis-1,3-Dichloropropene	8.96	75	19	3.19	ug/l #	1
60) Dibromochloromethane	9.34	129	19	3.35	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	70383	30.14	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	70383	91.10	ug/l #	6
91) 1,2-Dichlorobenzene	12.40	146	1824	0.45	ug/l	100

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

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Sample : J2547-09

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 13 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

E3TB01-180423

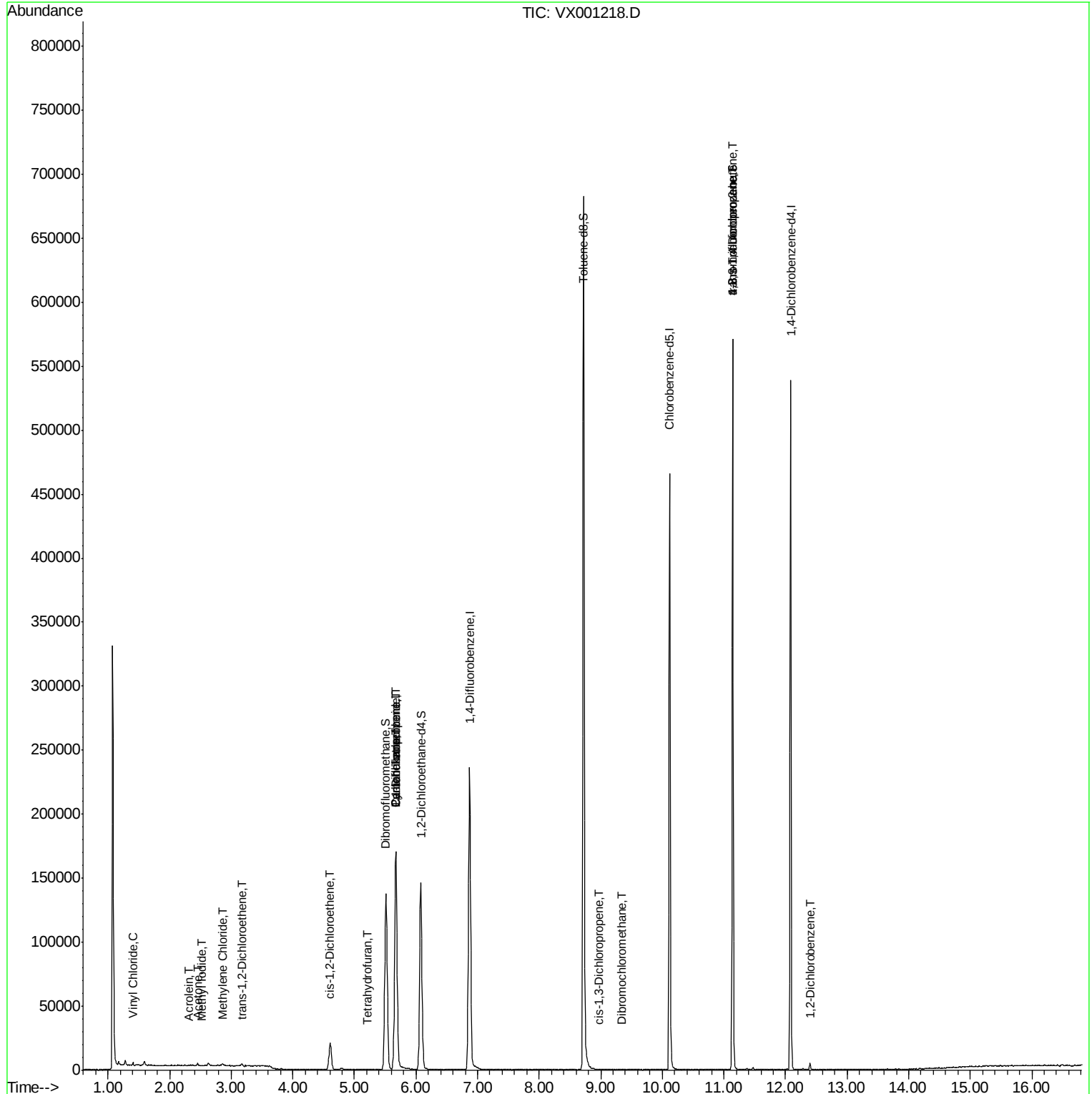
Quant Time: Apr 30 01:32:30 2018

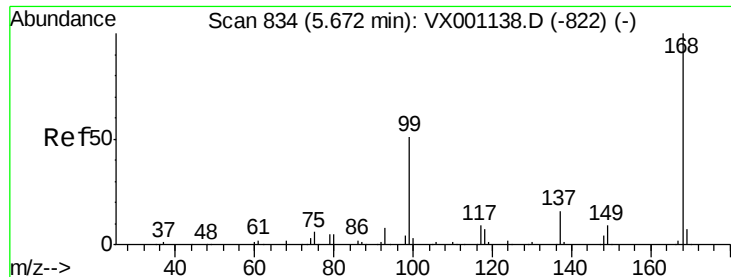
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 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: VX001218.D

Acq: 28 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

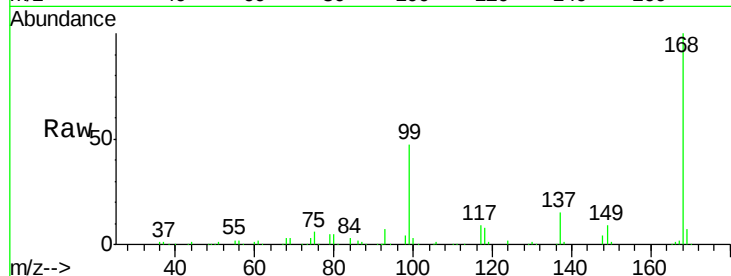
E3TB01-180423

Tgt Ion:168 Resp: 182389

Ion Ratio Lower Upper

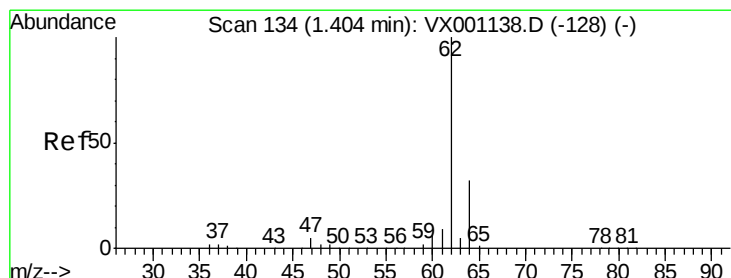
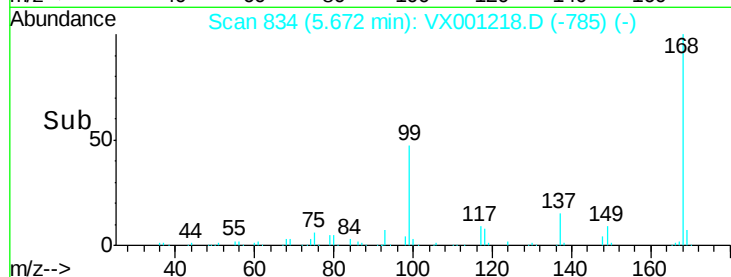
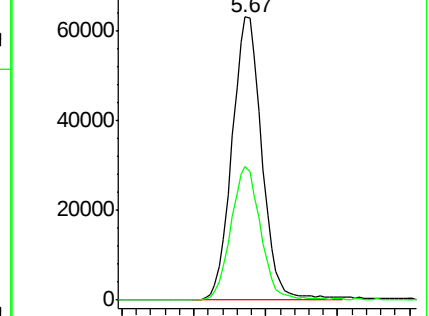
168 100

99 47.4 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.59 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001218.D

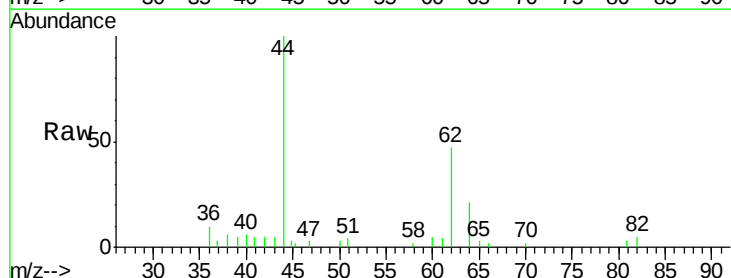
Acq: 28 Apr 2018 17:13

Tgt Ion: 62 Resp: 1254

Ion Ratio Lower Upper

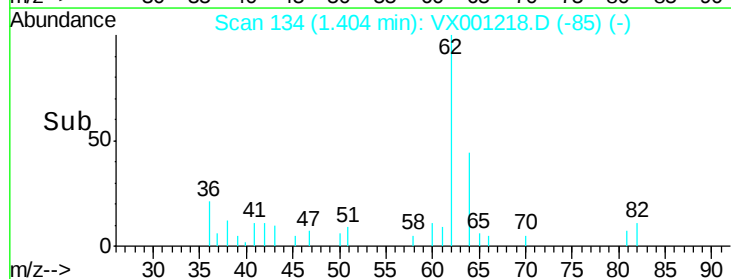
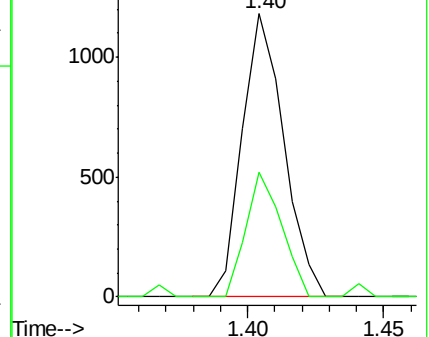
62 100

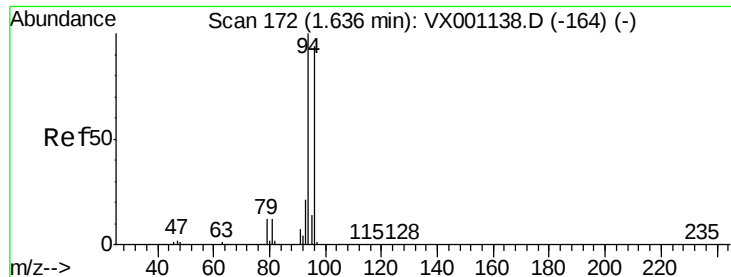
64 43.9 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

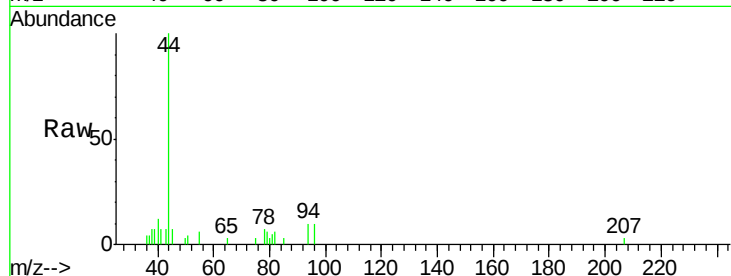
E3TB01-180423

Tgt Ion: 94 Resp: 311

Ion Ratio Lower Upper

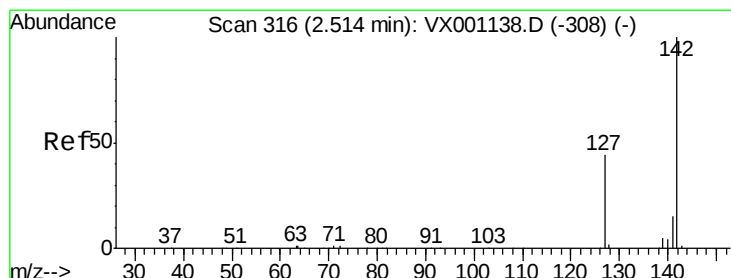
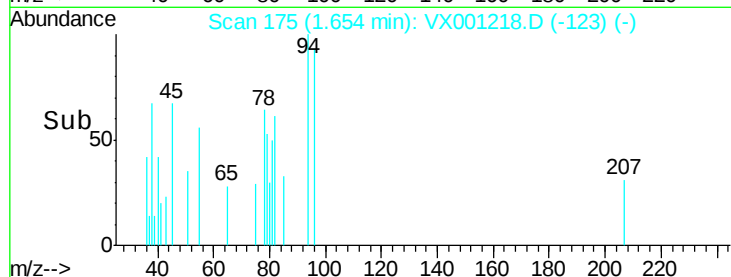
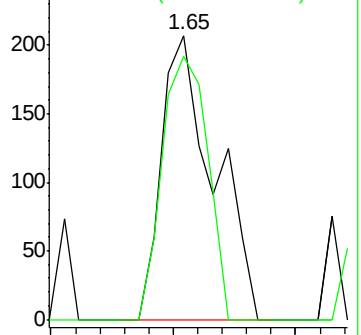
94 100

96 92.8 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 7.30 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

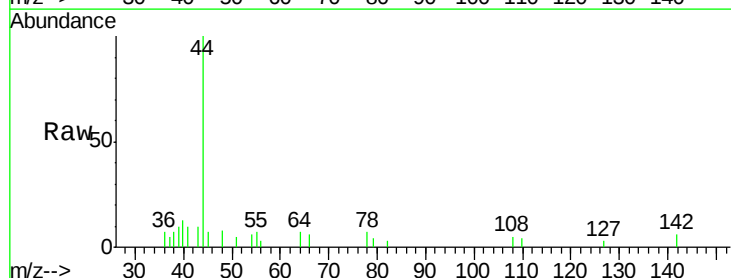
Tgt Ion: 142 Resp: 136

Ion Ratio Lower Upper

142 100

127 22.8 34.7 52.1#

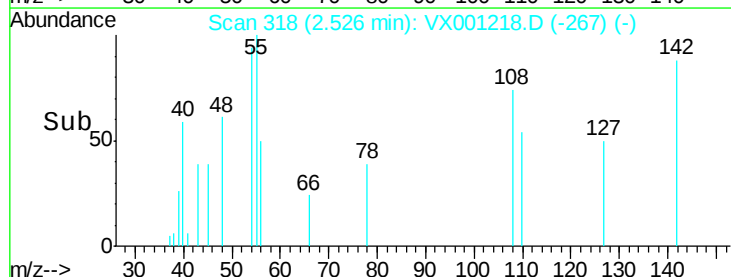
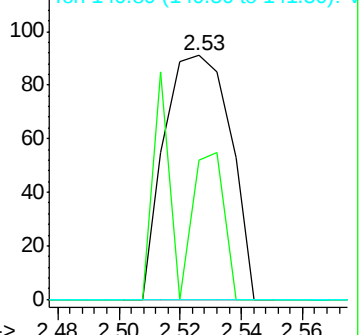
141 0.0 11.6 17.4#

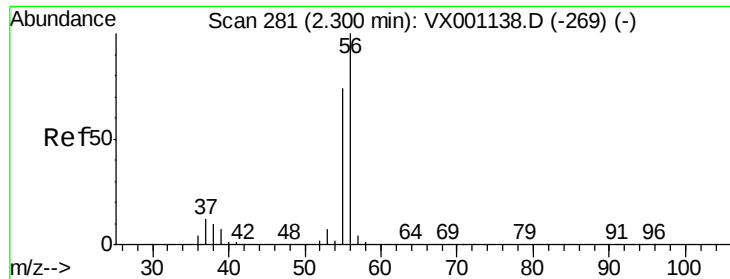


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 0.80 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

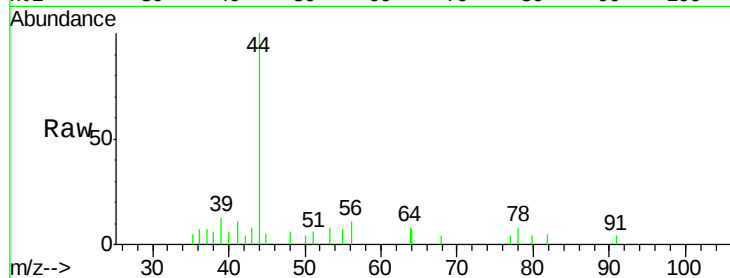
E3TB01-180423

Tgt Ion: 56 Resp: 168

Ion Ratio Lower Upper

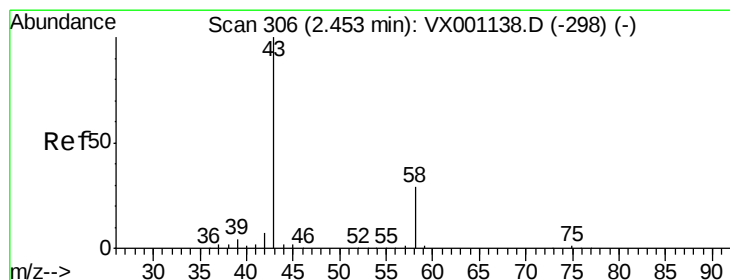
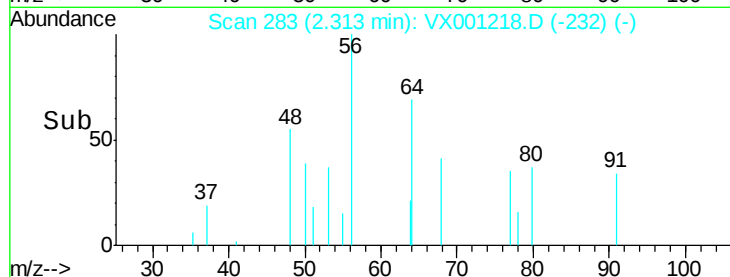
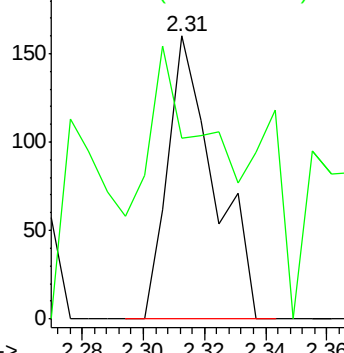
56 100

55 182.1 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 1.61 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001218.D

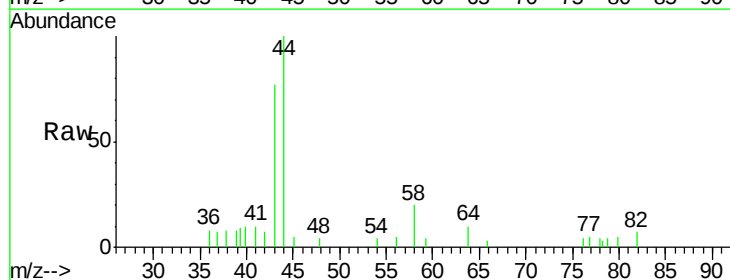
Acq: 28 Apr 2018 17:13

Tgt Ion: 43 Resp: 1867

Ion Ratio Lower Upper

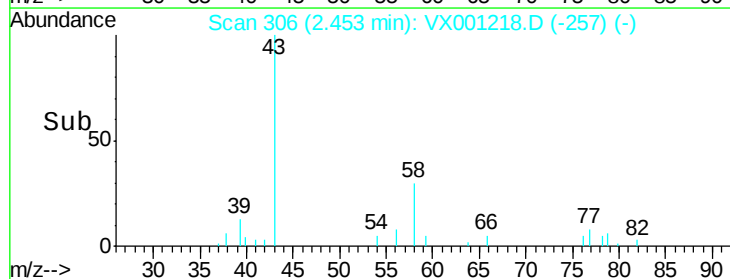
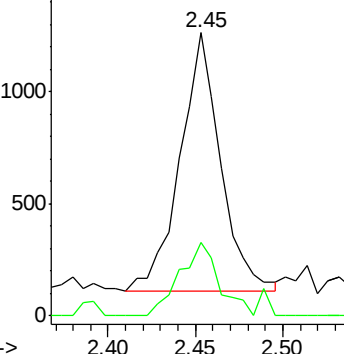
43 100

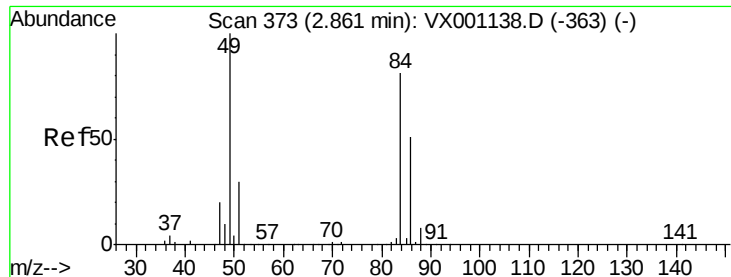
58 28.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

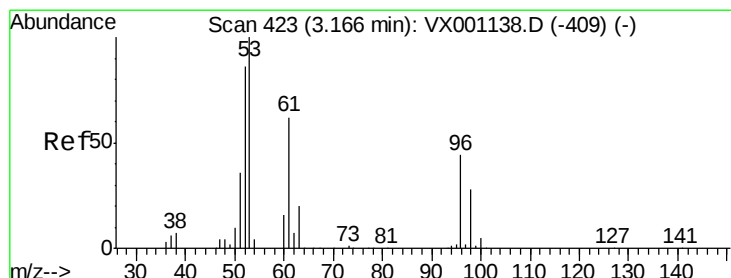
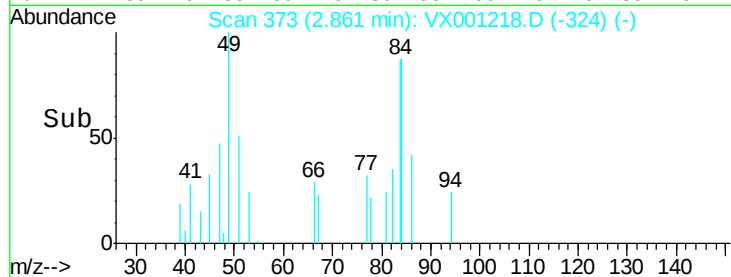
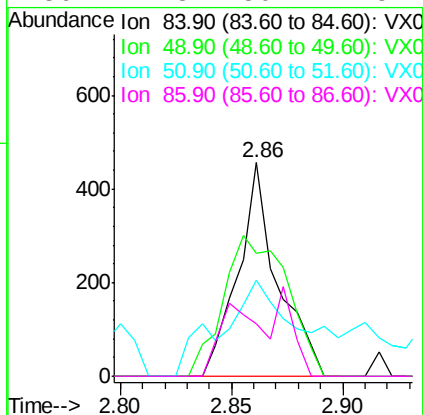
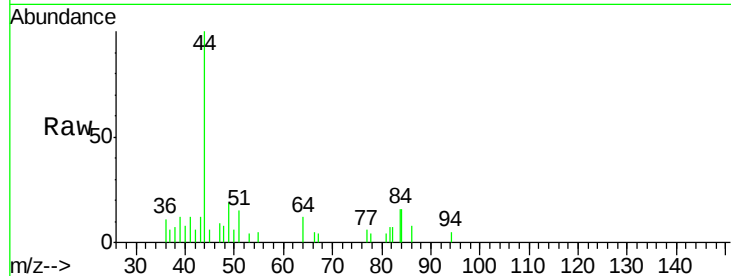




#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001218.D
Acq: 28 Apr 2018 17:13

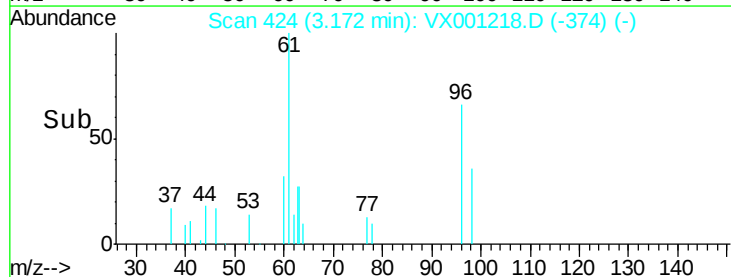
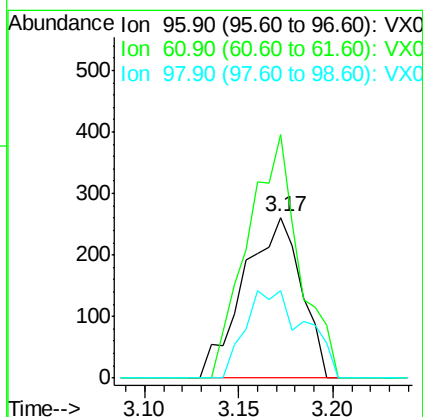
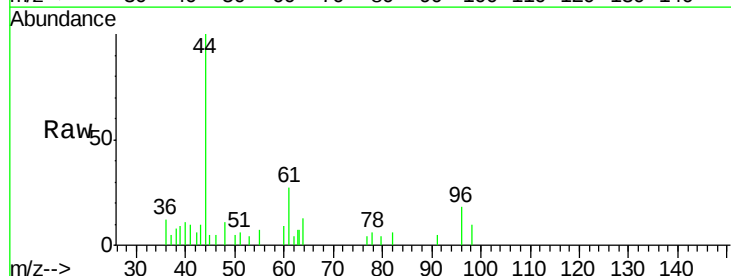
Instrument :
MSVOA_X
ClientSampleId :
E3TB01-180423

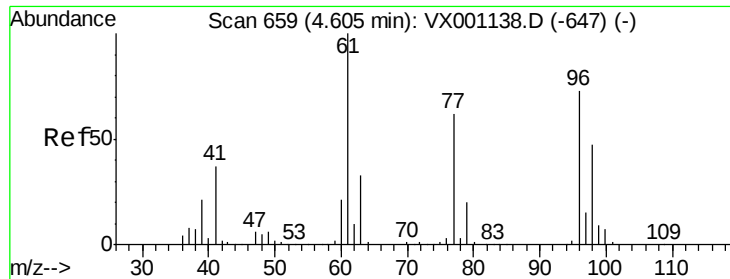
Tgt Ion: 84 Resp: 560
Ion Ratio Lower Upper
84 100
49 57.7 99.2 148.8#
51 27.4 29.5 44.3#
86 24.3 50.2 75.2#



#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001218.D
Acq: 28 Apr 2018 17:13

Tgt Ion: 96 Resp: 553
Ion Ratio Lower Upper
96 100
61 151.7 111.9 167.9
98 54.4 51.1 76.7





#27

cis-1,2-Dichloroethene

Concen: 5.98 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

E3TB01-180423

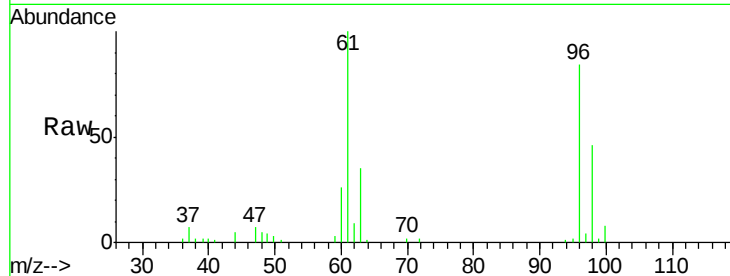
Tgt Ion: 96 Resp: 13350

Ion Ratio Lower Upper

96 100

61 122.9 0.0 289.0

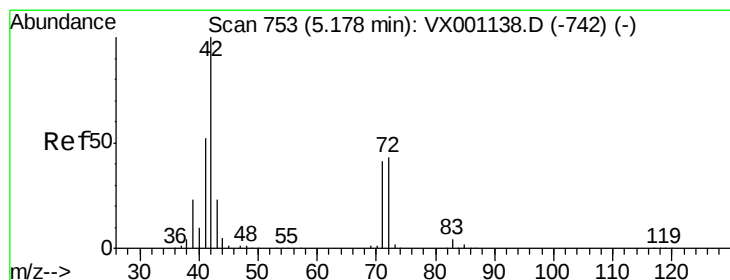
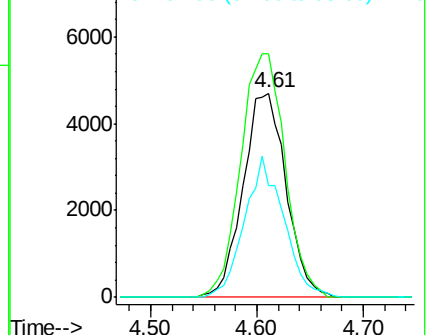
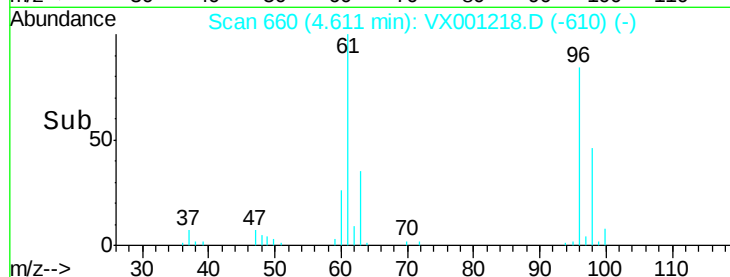
98 62.8 0.0 128.2



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



#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

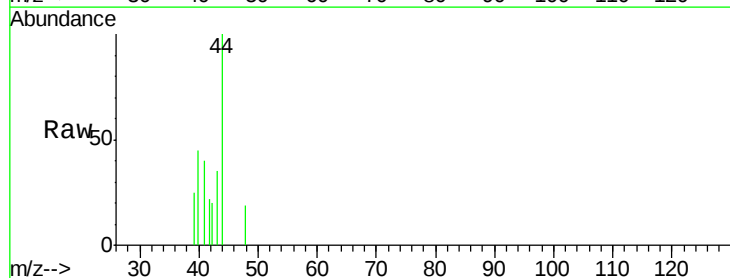
Tgt Ion: 42 Resp: 410

Ion Ratio Lower Upper

42 100

72 0.0 34.4 51.6#

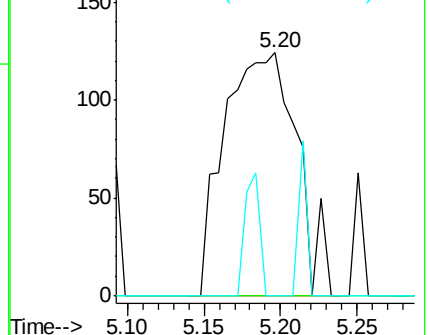
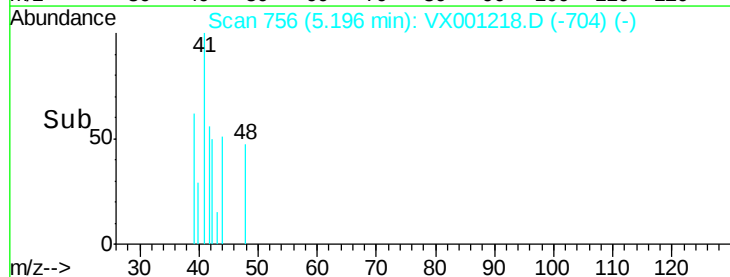
71 10.2 32.1 48.1#

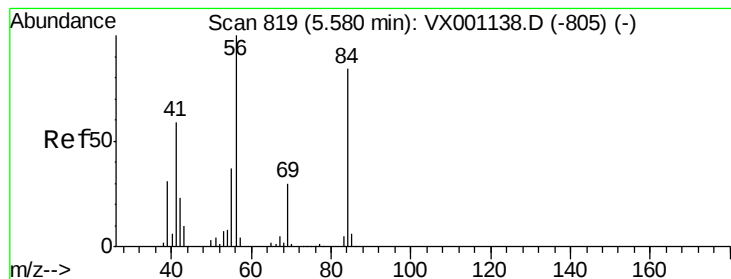


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.08 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

E3TB01-180423

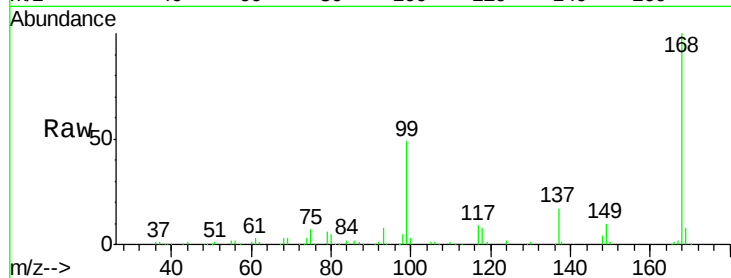
Tgt Ion: 56 Resp: 3250

Ion Ratio Lower Upper

56 100

69 145.2 24.2 36.2#

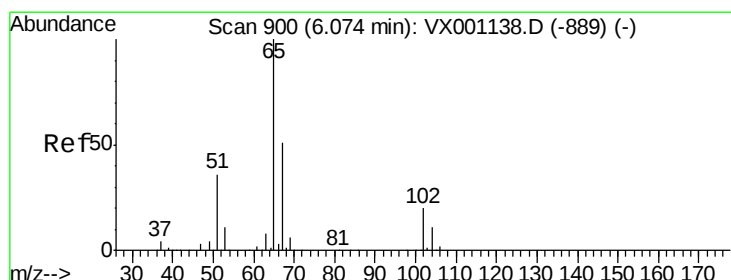
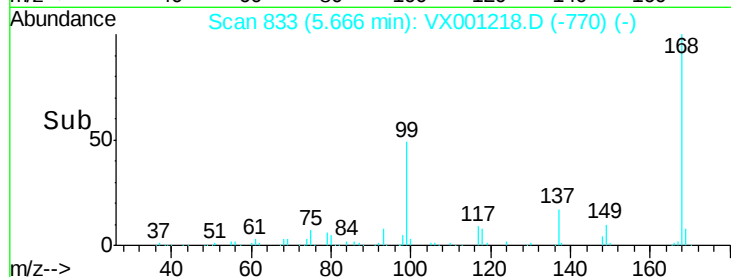
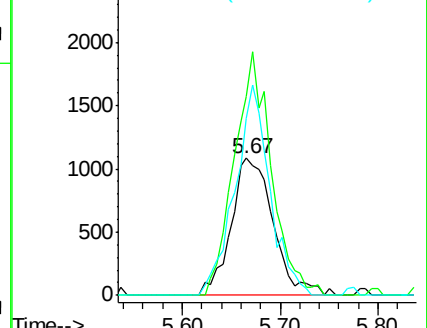
84 129.7 67.5 101.3#



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: 49.29 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001218.D

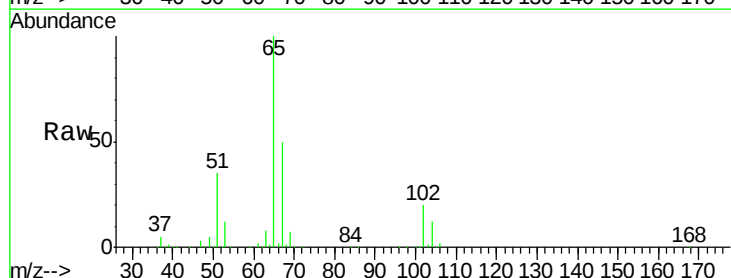
Acq: 28 Apr 2018 17:13

Tgt Ion: 65 Resp: 139345

Ion Ratio Lower Upper

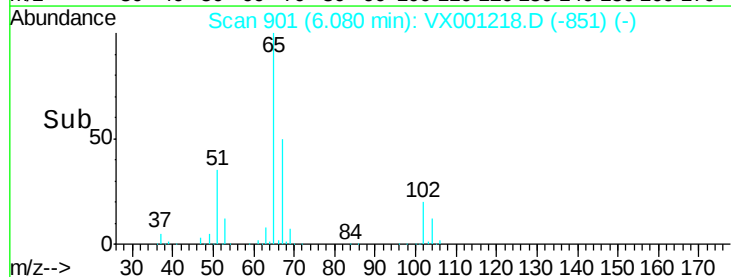
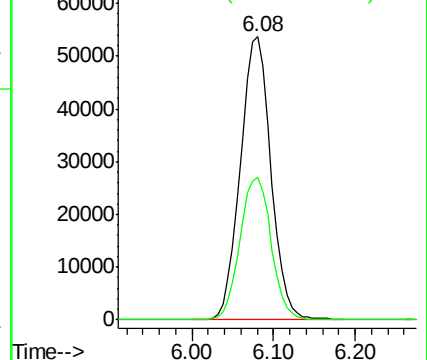
65 100

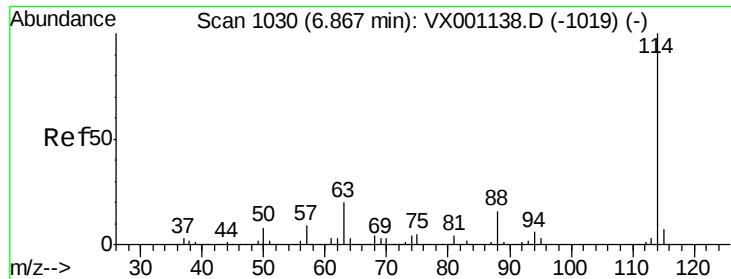
67 51.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

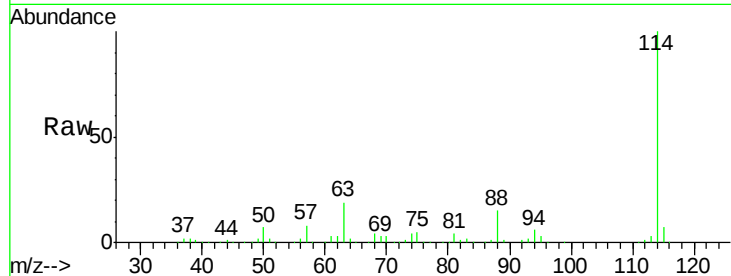




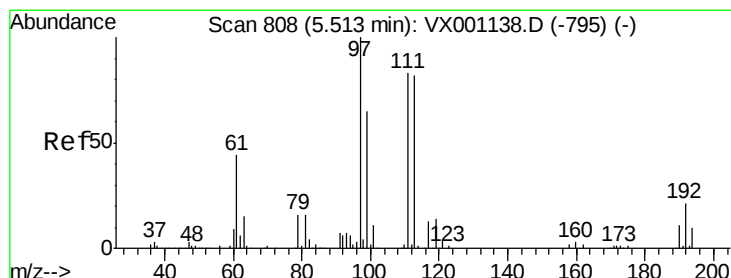
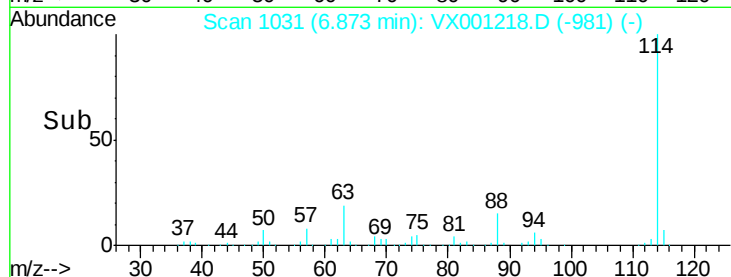
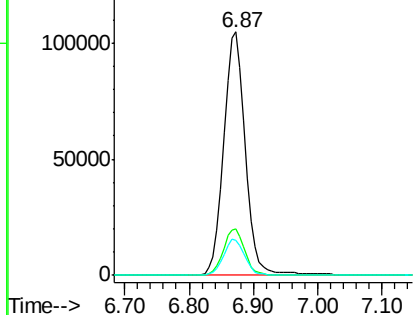
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001218.D
 Acq: 28 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 E3TB01-180423

Tgt Ion:114 Resp: 249933
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.4
 88 14.5 0.0 31.8

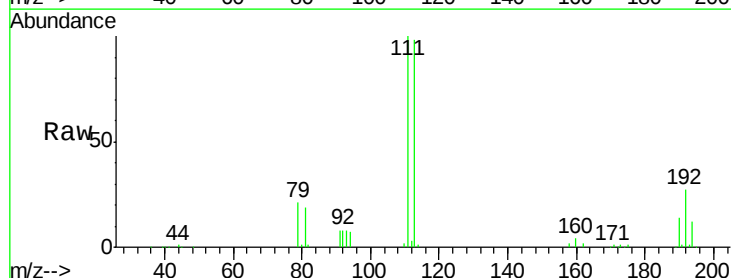


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

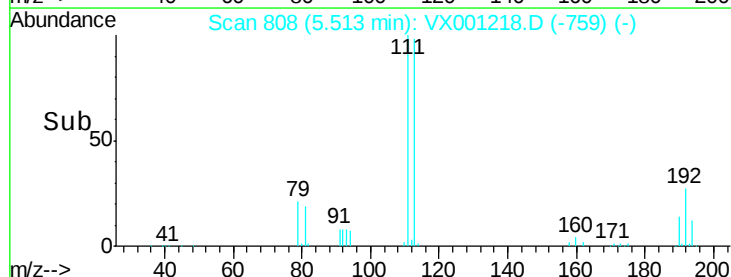
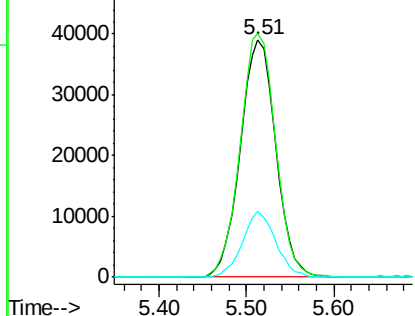


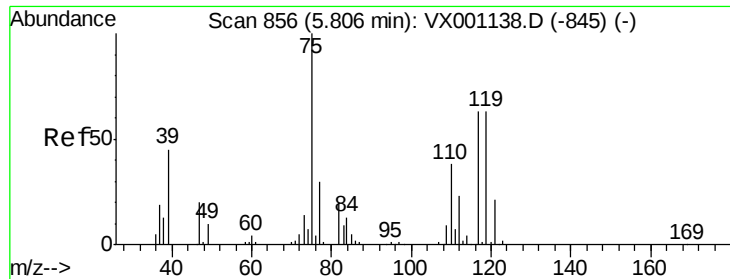
#35
 Dibromofluoromethane
 Concen: 53.24 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001218.D
 Acq: 28 Apr 2018 17:13

Tgt Ion:113 Resp: 110133
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 25.9 20.6 30.8



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

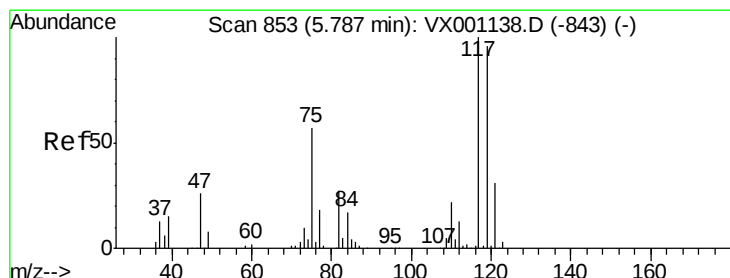
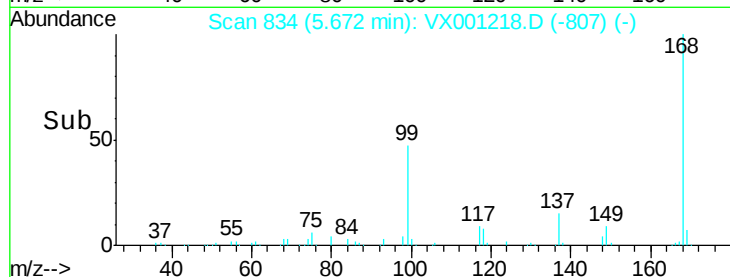
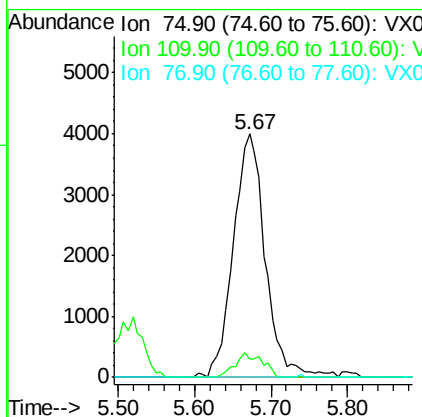
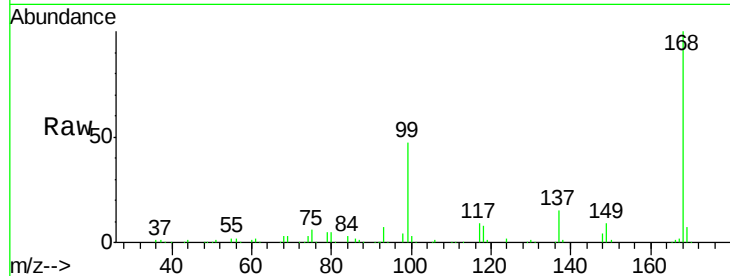




#36
 1,1-Dichloropropene
 Concen: 4.18 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001218.D
 Acq: 28 Apr 2018 17:13

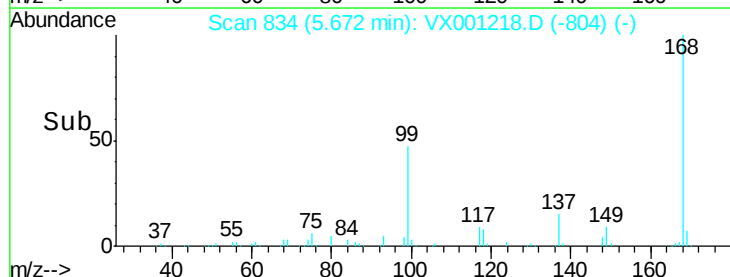
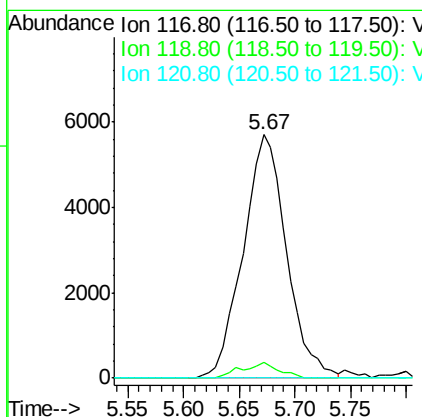
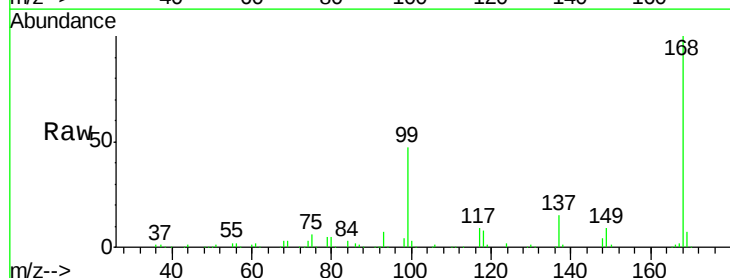
Instrument :
 MSVOA_X
 ClientSampleId :
 E3TB01-180423

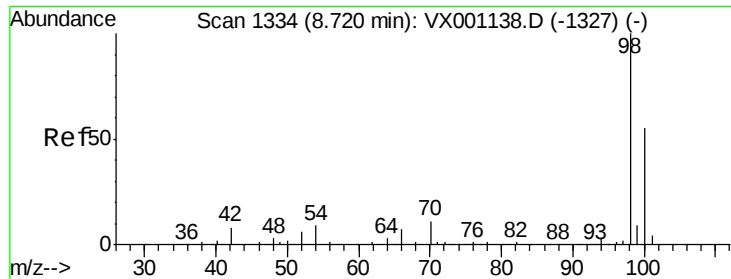
Tgt Ion: 75 Resp: 11526
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.0 57.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.47 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001218.D
 Acq: 28 Apr 2018 17:13

Tgt Ion: 117 Resp: 15459
 Ion Ratio Lower Upper
 117 100
 119 6.3 76.5 114.7#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 53.05 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

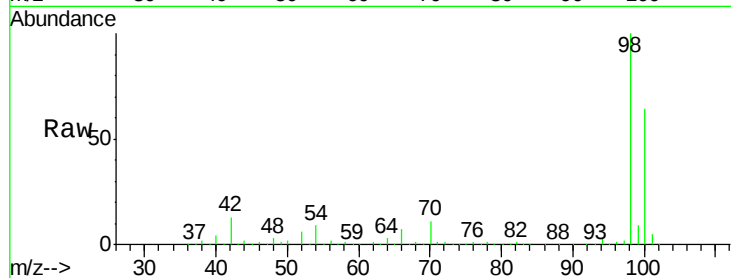
E3TB01-180423

Tgt Ion: 98 Resp: 414147

Ion Ratio Lower Upper

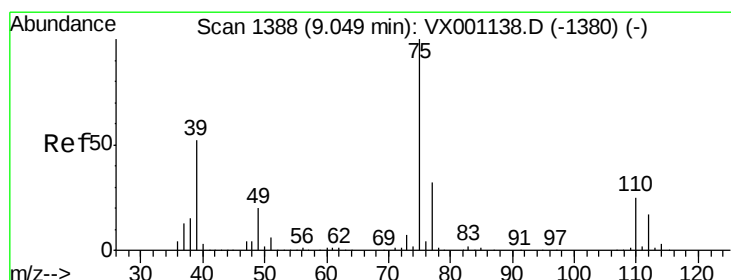
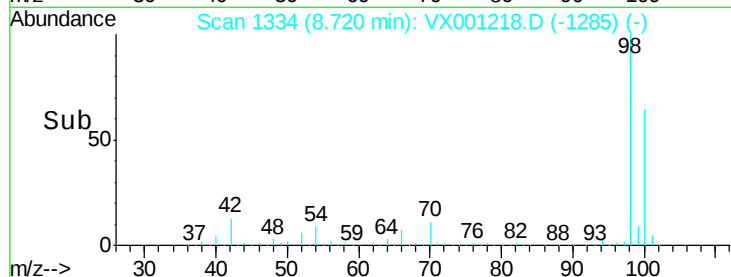
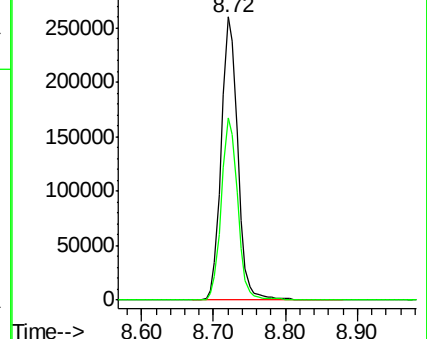
98 100

100 64.1 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#54

cis-1,3-Dichloropropene

Concen: 3.19 ug/l

RT: 8.96 min Scan# 1374

Delta R.T. -0.09 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

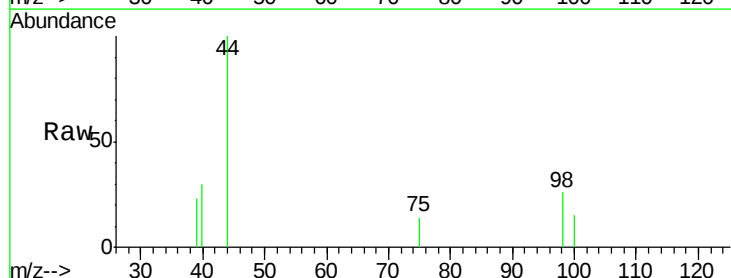
Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

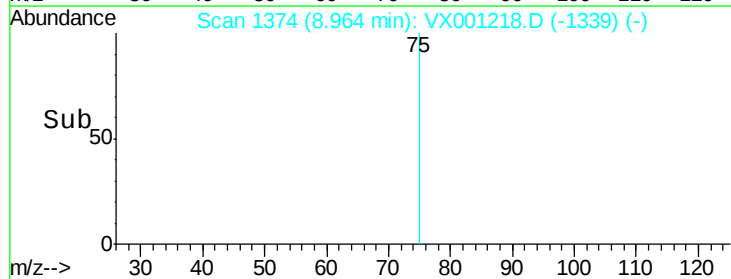
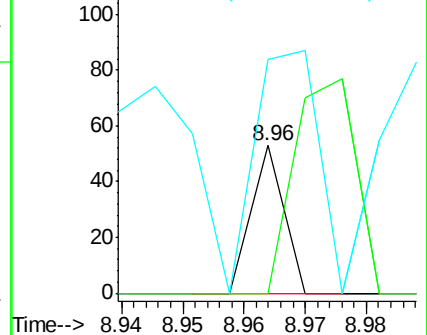
39 158.5 42.0 63.0#

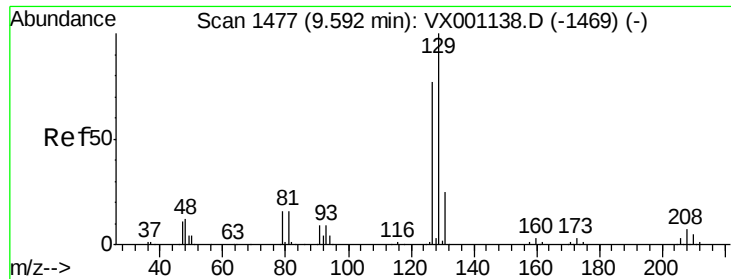


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 3.35 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.26 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

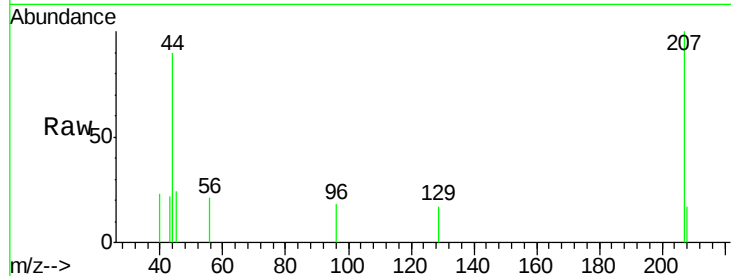
E3TB01-180423

Tgt Ion:129 Resp: 19

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

60

50

40

30

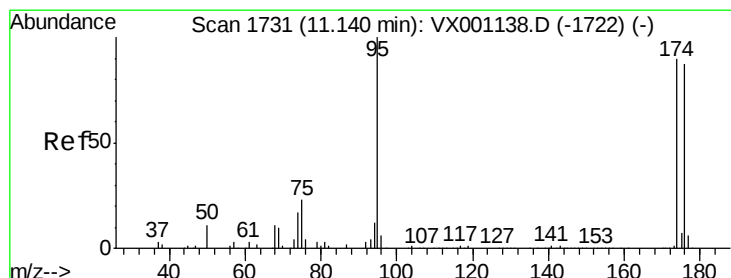
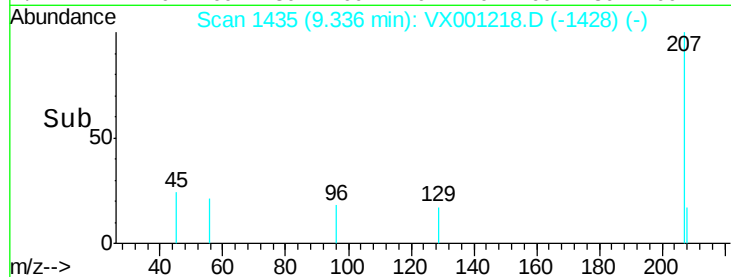
20

10

0

9.32 9.33 9.34 9.35

Time-->



#62

4-Bromofluorobenzene

Concen: 43.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001218.D

Acq: 28 Apr 2018 17:13

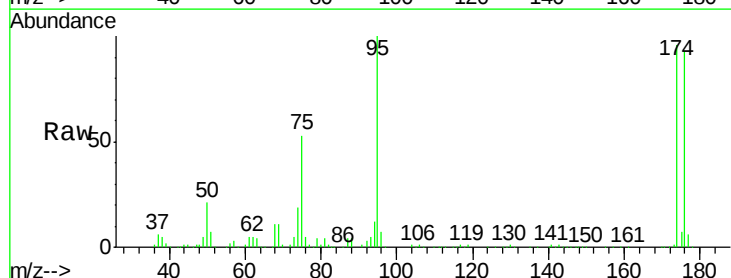
Tgt Ion: 95 Resp: 134104

Ion Ratio Lower Upper

95 100

174 104.1 0.0 194.4

176 101.8 0.0 190.2



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

150000

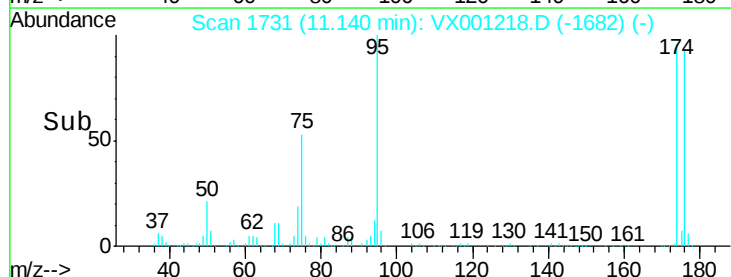
100000

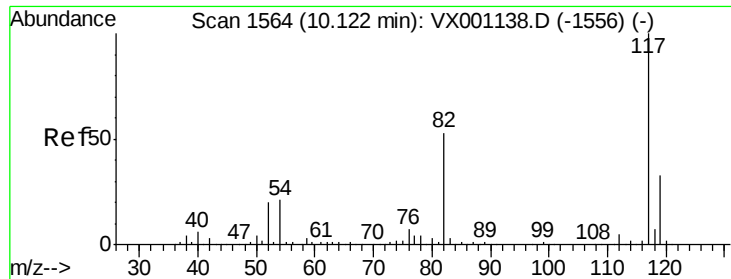
50000

0

11.10 11.14 11.20

Time-->

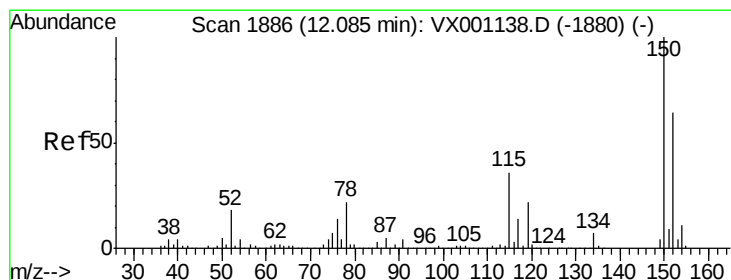
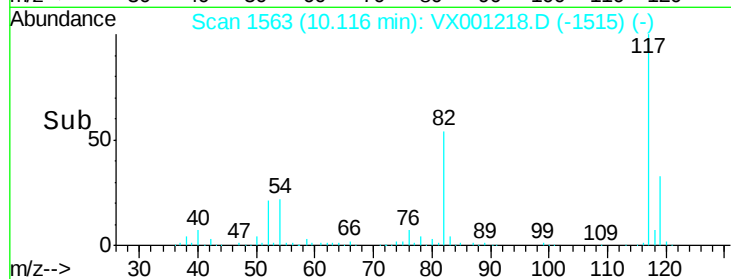
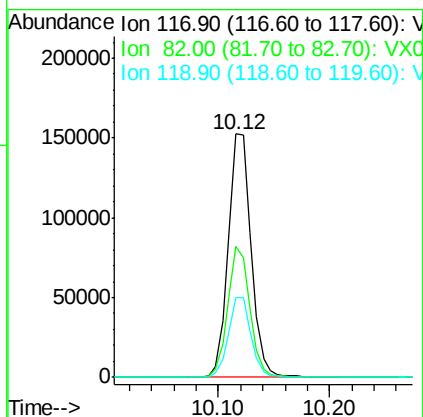
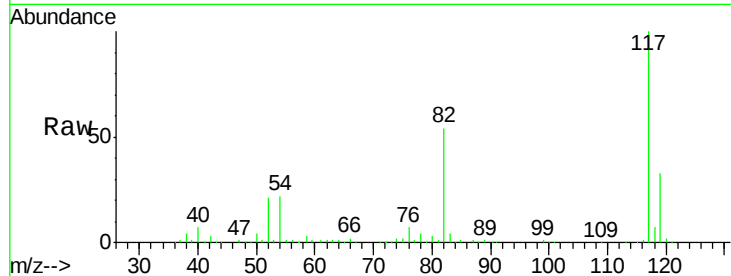




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001218.D
Acq: 28 Apr 2018 17:13

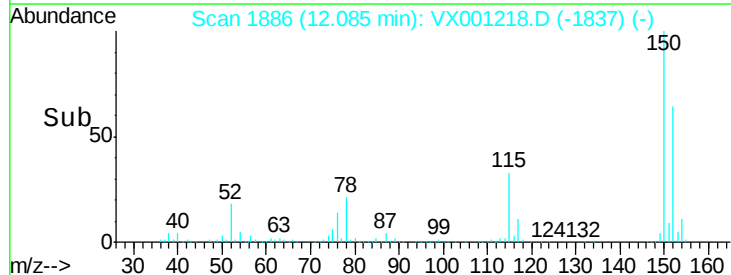
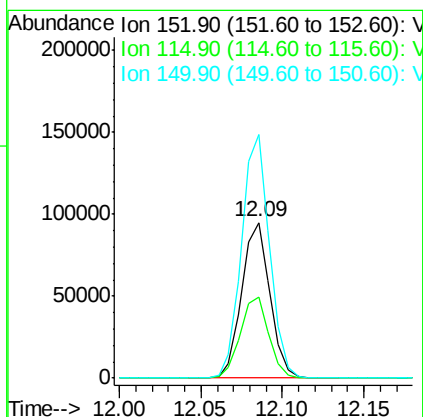
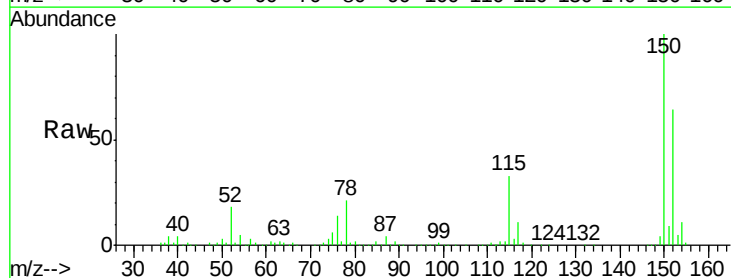
Instrument :
MSVOA_X
ClientSampleId :
E3TB01-180423

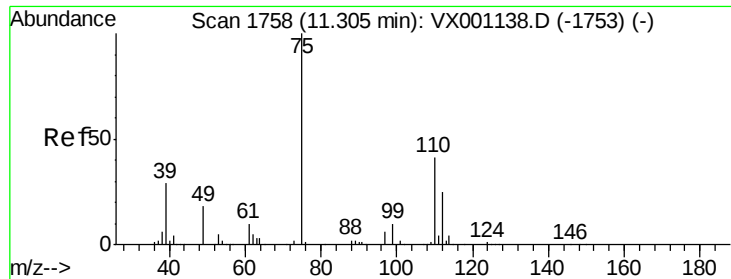
Tgt Ion:117 Resp: 217781
Ion Ratio Lower Upper
117 100
82 53.9 42.1 63.1
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001218.D
Acq: 28 Apr 2018 17:13

Tgt Ion:152 Resp: 114686
Ion Ratio Lower Upper
152 100
115 52.7 38.0 114.0
150 155.6 0.0 349.6

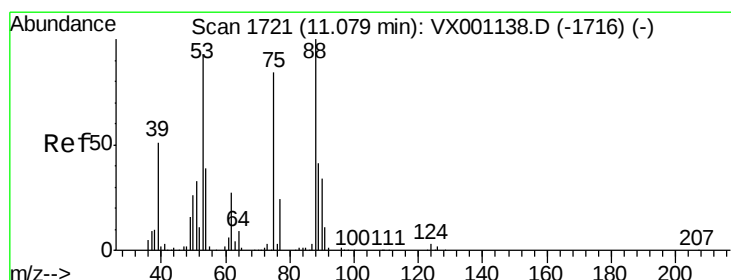
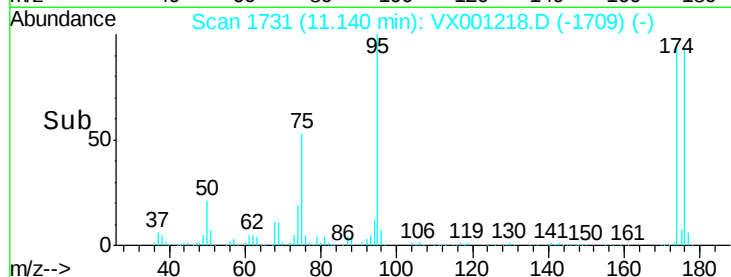
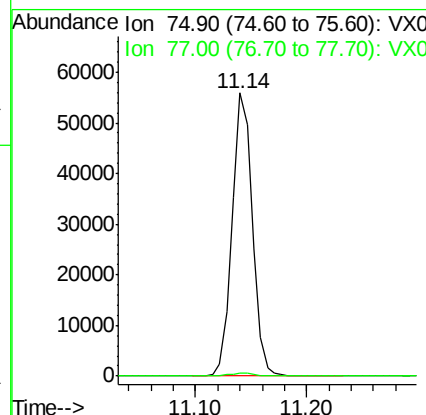
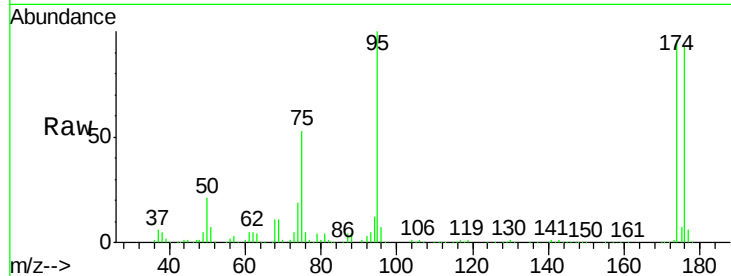




#76
 1,2,3-Trichloropropane
 Concen: 30.14 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001218.D
 Acq: 28 Apr 2018 17:13

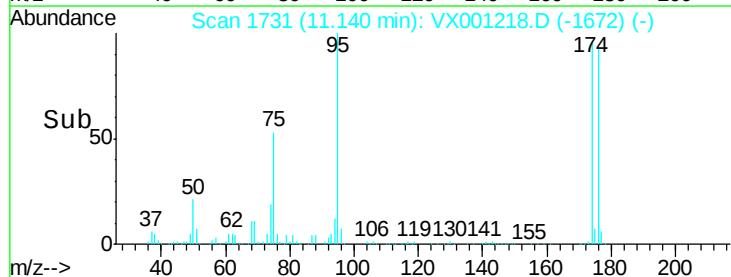
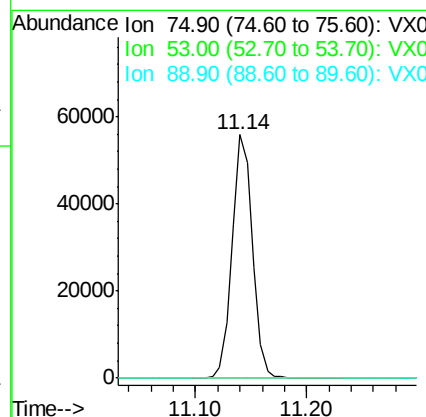
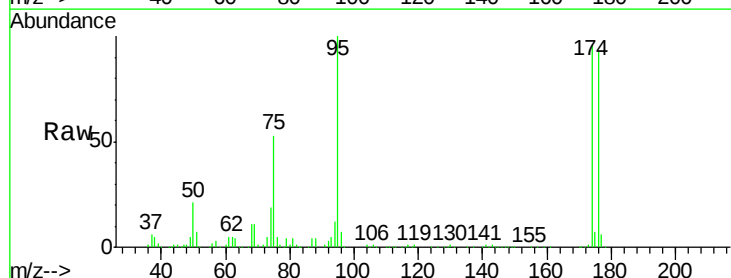
Instrument :
 MSVOA_X
 ClientSampleId :
 E3TB01-180423

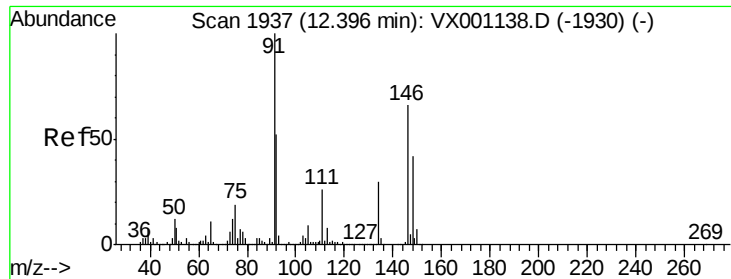
Tgt Ion: 75 Resp: 70383
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.10 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001218.D
 Acq: 28 Apr 2018 17:13

Tgt Ion: 75 Resp: 70383
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#





#91
 1,2-Dichlorobenzene
 Concen: 0.45 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001218.D
 Acq: 28 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 E3TB01-180423

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.3
148	64.4	32.2	96.6

