

Data File : VX001354.D

Acq On : 03 May 2018 12:59

Operator : JC/MD

Sample : VX0503WBL01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

Quant Time: May 04 07:10:25 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	151109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	173647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	91322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	114961	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
35) Dibromofluoromethane	5.51	113	96665	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	8.72	98	345392	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
62) 4-Bromofluorobenzene	11.14	95	106343	42.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.32%	

Target Compounds

						Qvalue
5) Bromomethane	1.66	94	407	Below Cal	#	69
10) Methyl Iodide	2.51	142	492	4.58	ug/l #	91
11) Tert butyl alcohol	3.02	59	837	2.33	ug/l #	72
13) Acrolein	2.30	56	289	1.39	ug/l #	1
15) Acrylonitrile	3.14	53	274	0.33	ug/l #	25
16) Acetone	2.45	43	1157	1.30	ug/l #	78
17) Carbon Disulfide	2.57	76	1061	0.27	ug/l	99
20) Methylene Chloride	2.85	84	260	Below Cal	#	67
29) Tetrahydrofuran	5.17	42	424	0.57	ug/l #	54
31) Cyclohexane	5.67	56	2812	1.09	ug/l #	19
36) 1,1-Dichloropropene	5.67	75	9161	3.92	ug/l #	49
38) Carbon Tetrachloride	5.66	117	13147	5.37	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	53557	31.72	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	53557	98.62	ug/l #	6

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

Data File : VX001354.D

Acq On : 03 May 2018 12:59

Operator : JC/MD

Sample : VX0503WBL01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBL01

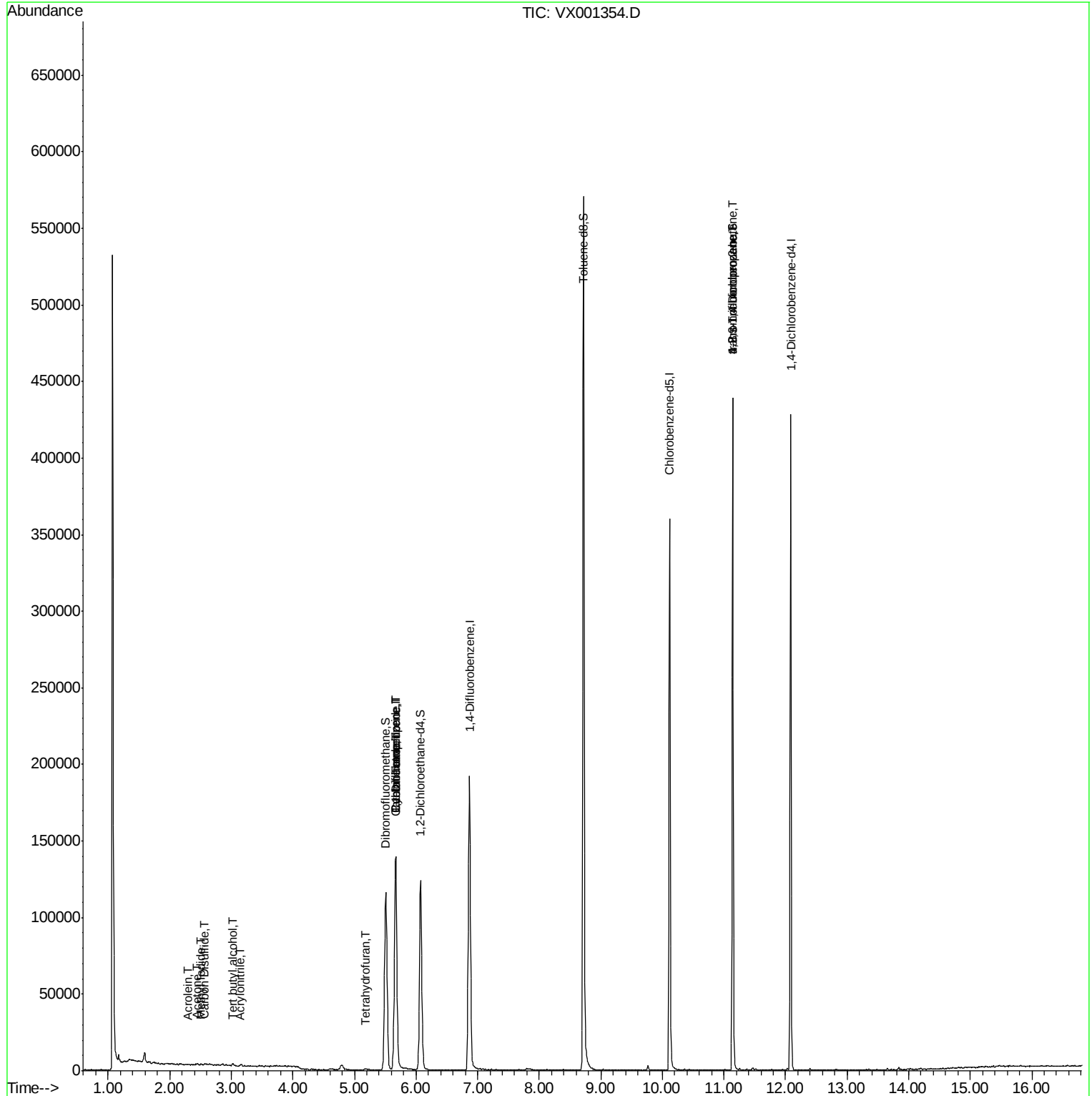
Quant Time: May 04 07:10:25 2018

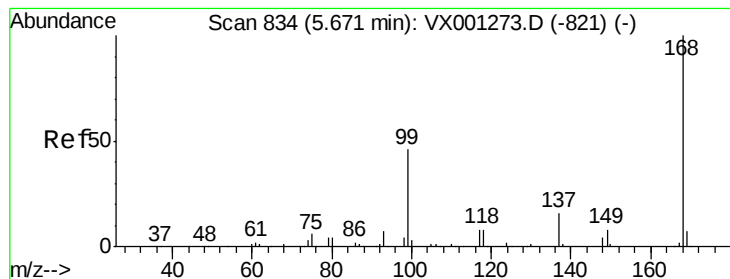
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 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: VX001354.D

Acq: 03 May 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

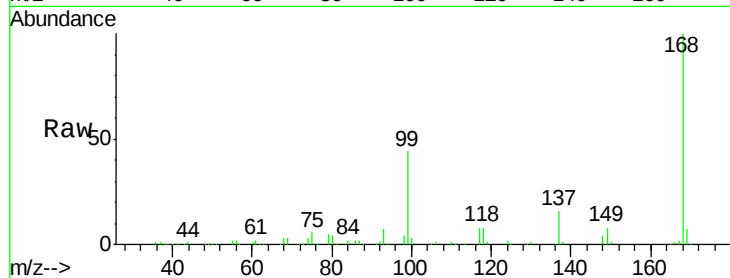
VX0503WBL01

Tgt Ion:168 Resp: 151109

Ion Ratio Lower Upper

168 100

99 44.3 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

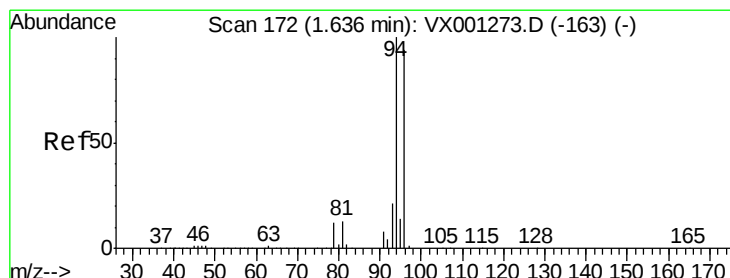
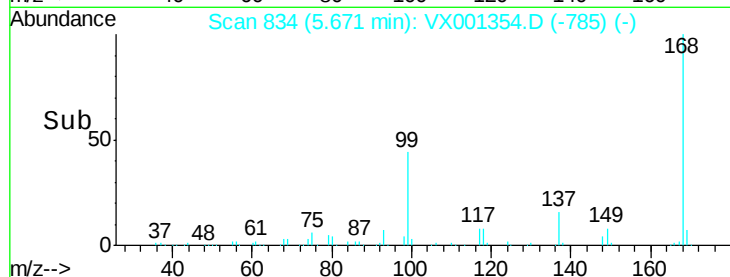
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX001354.D

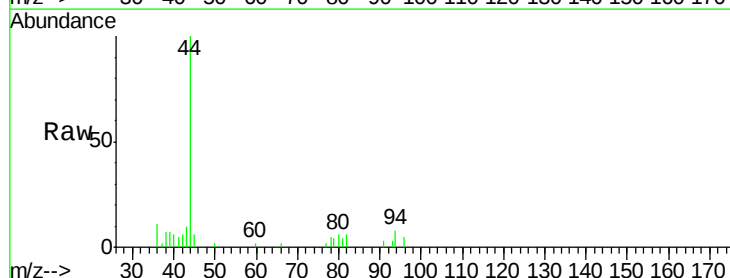
Acq: 03 May 2018 12:59

Tgt Ion: 94 Resp: 407

Ion Ratio Lower Upper

94 100

96 64.5 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

200

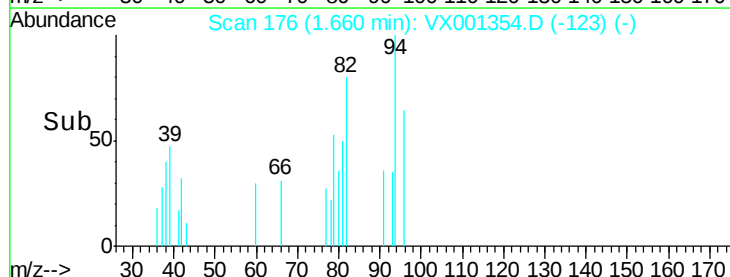
150

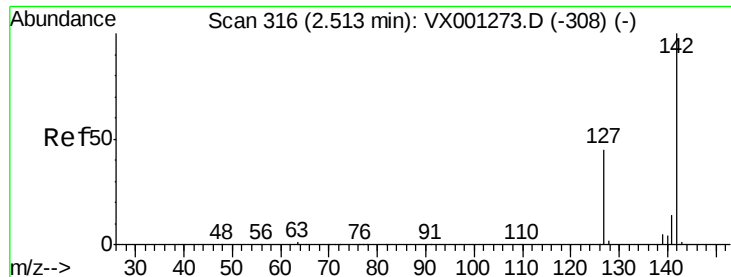
100

50

0

Time--> 1.60 1.65 1.70

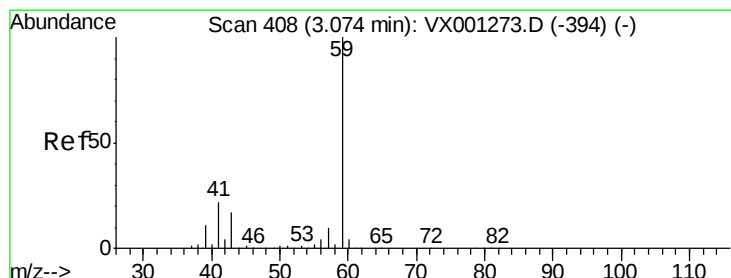
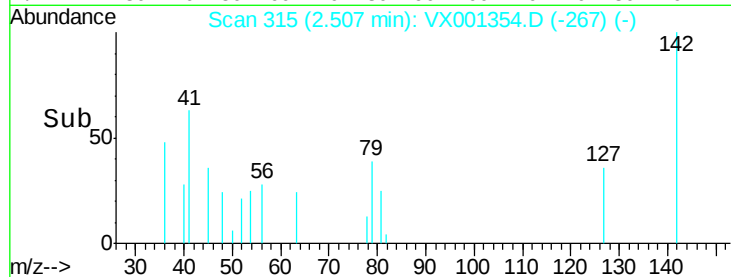
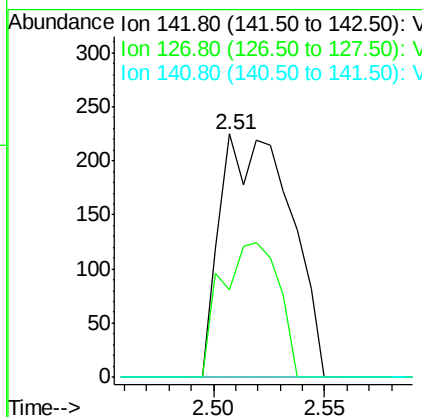
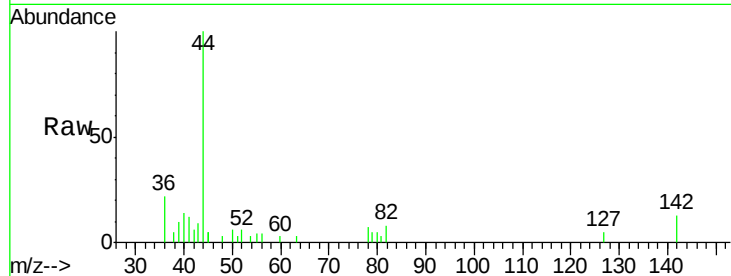




#10
Methyl Iodide
Concen: 4.58 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001354.D
Acq: 03 May 2018 12:59

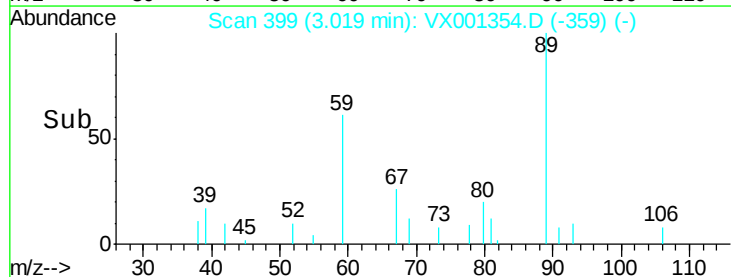
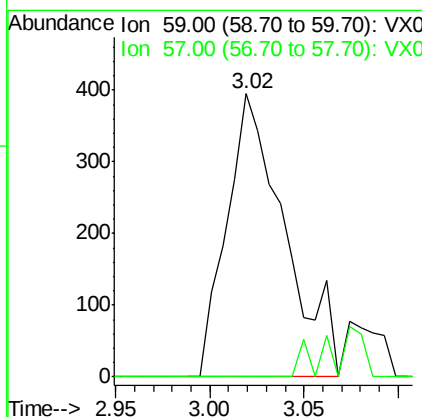
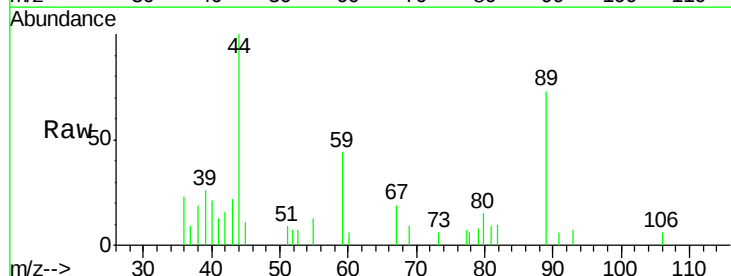
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

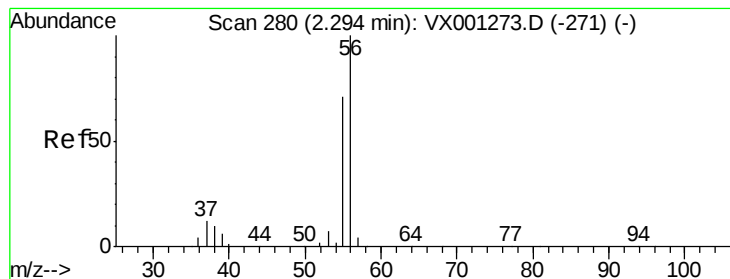
Tgt Ion: 142 Resp: 492
Ion Ratio Lower Upper
142 100
127 45.3 35.7 53.5
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.33 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX001354.D
Acq: 03 May 2018 12:59

Tgt Ion: 59 Resp: 837
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#13

Acrolein

Concen: 1.39 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

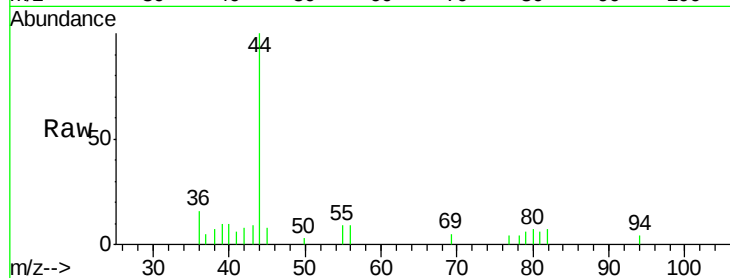
VX0503WBL01

Tgt Ion: 56 Resp: 289

Ion Ratio Lower Upper

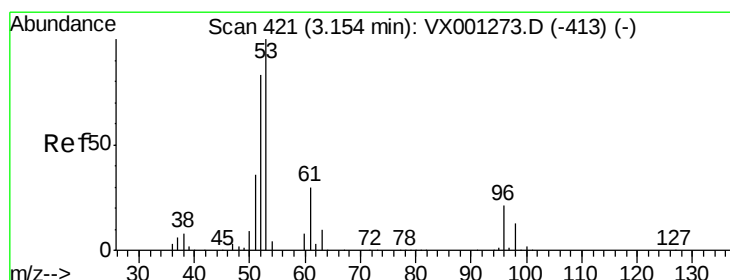
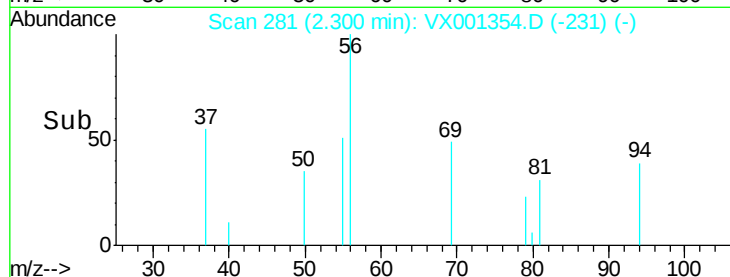
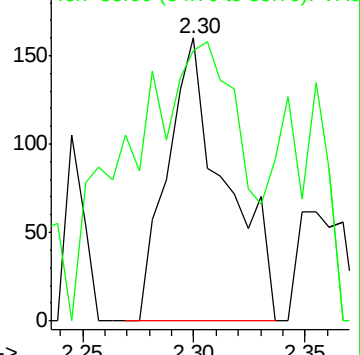
56 100

55 194.1 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.33 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

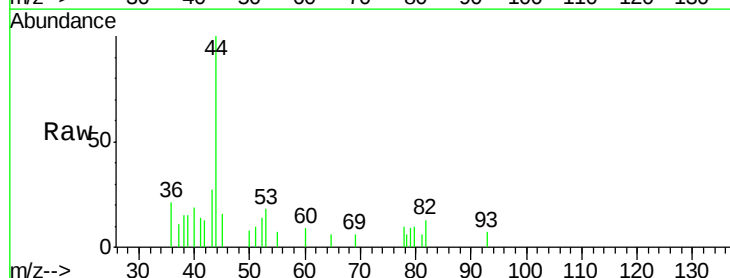
Tgt Ion: 53 Resp: 274

Ion Ratio Lower Upper

53 100

52 156.6 67.0 100.4#

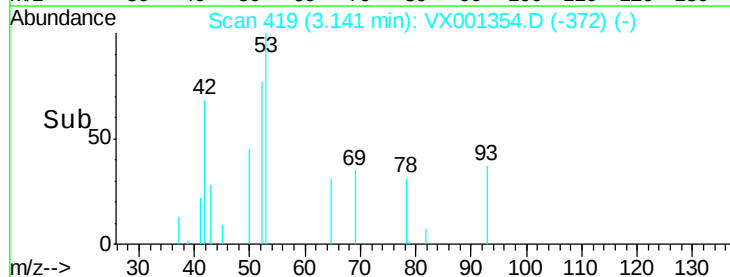
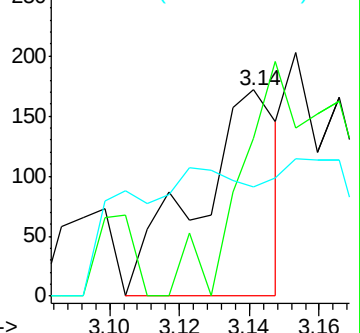
51 0.0 29.9 44.9#

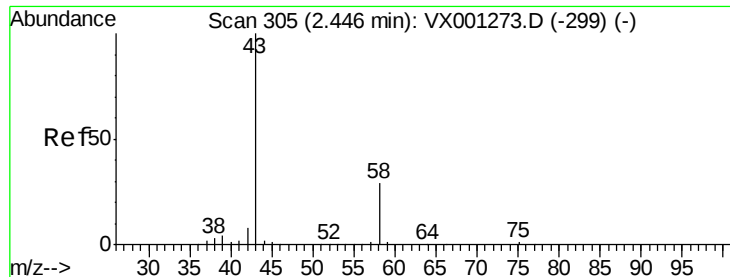


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.30 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

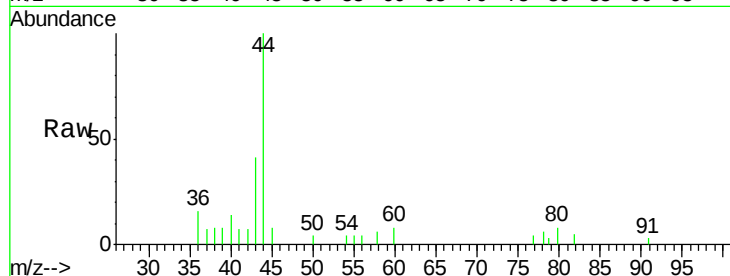
VX0503WBL01

Tgt Ion: 43 Resp: 1157

Ion Ratio Lower Upper

43 100

58 16.9 22.8 34.2#



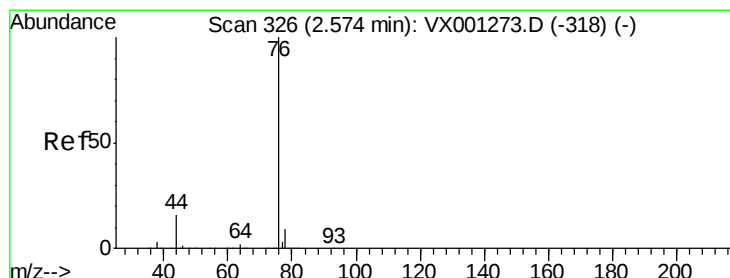
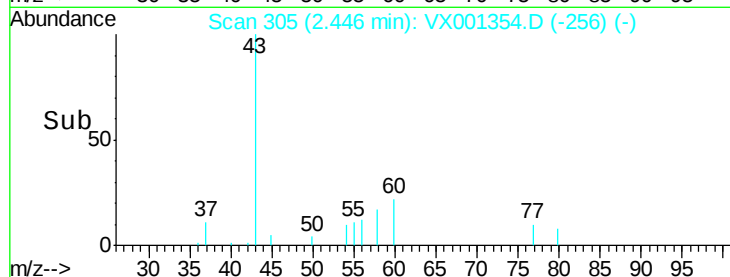
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001354.D

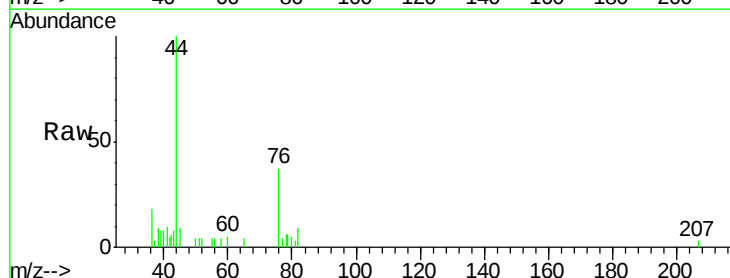
Acq: 03 May 2018 12:59

Tgt Ion: 76 Resp: 1061

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



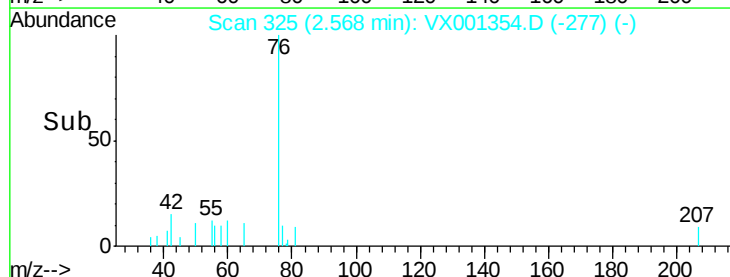
Abundance Ion 75.90 (75.60 to 76.60): VX0

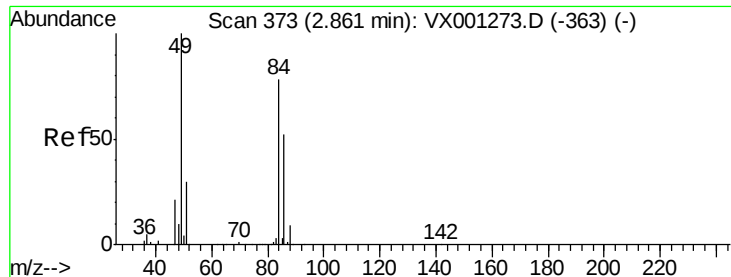
Ion 77.90 (77.60 to 78.60): VX0

2.57

2.50 2.55 2.60

Time-->

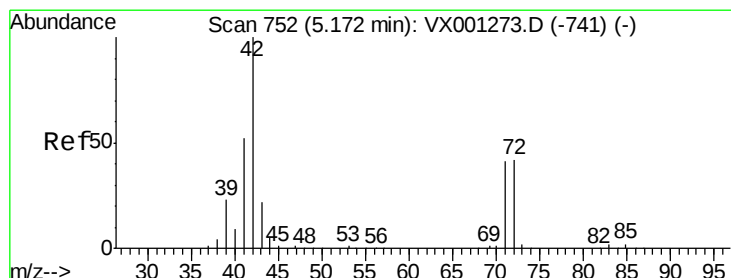
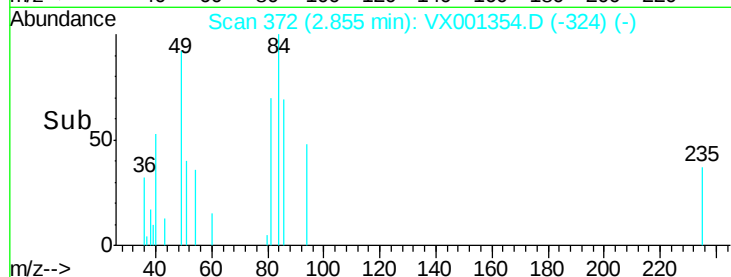
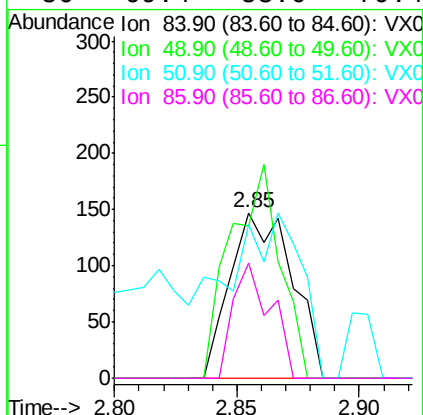
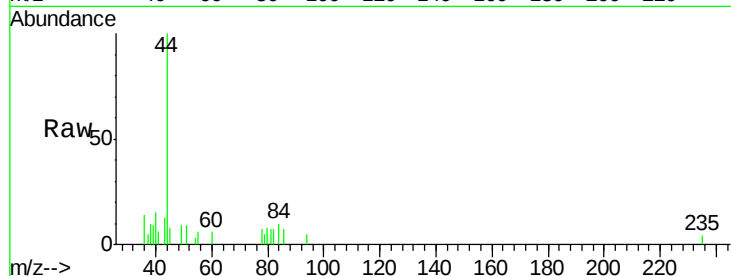




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001354.D
Acq: 03 May 2018 12:59

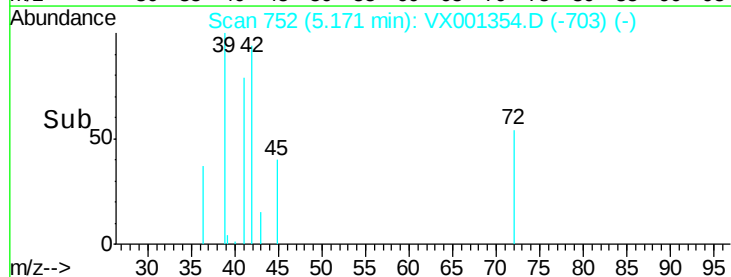
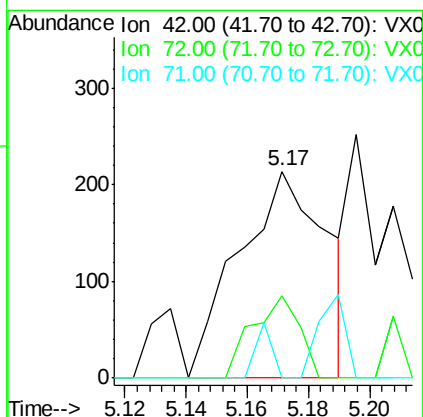
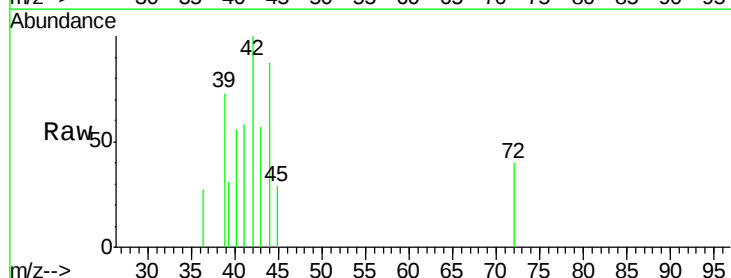
Instrument :
MSVOA_X
ClientSampled :
VX0503WBL01

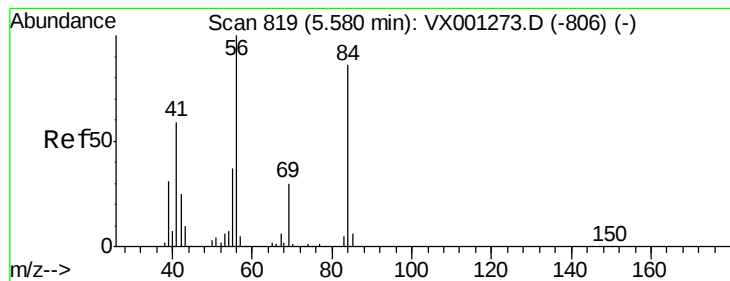
Tgt Ion:	84	Resp:	260
Ion	Ratio	Lower	Upper
84	100		
49	91.8	102.8	154.2#
51	92.5	30.9	46.3#
86	69.4	53.0	79.4



#29
Tetrahydrofuran
Concen: 0.57 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001354.D
Acq: 03 May 2018 12:59

Tgt Ion:	42	Resp:	424
Ion	Ratio	Lower	Upper
42	100		
72	21.2	34.6	52.0#
71	5.0	32.7	49.1#





#31

Cyclohexane

Concen: 1.09 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBL01

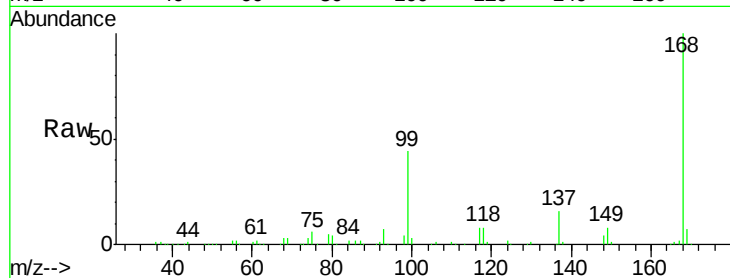
Tgt Ion: 56 Resp: 2812

Ion Ratio Lower Upper

56 100

69 133.8 24.0 36.0#

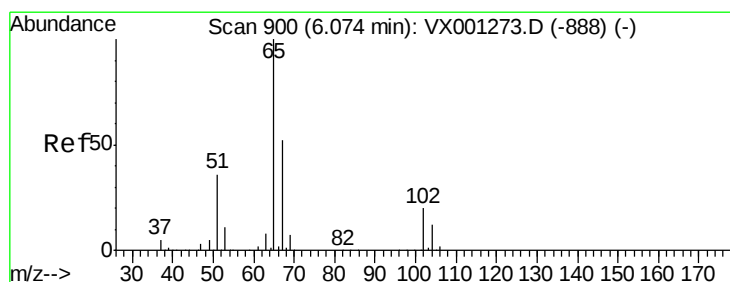
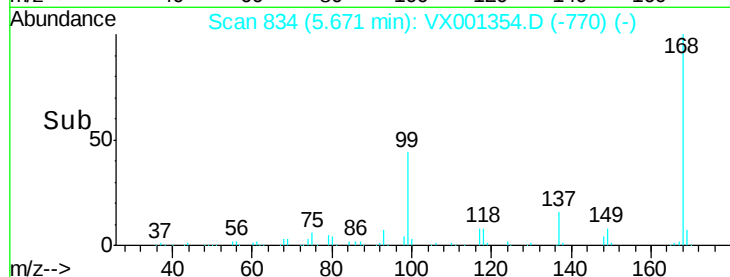
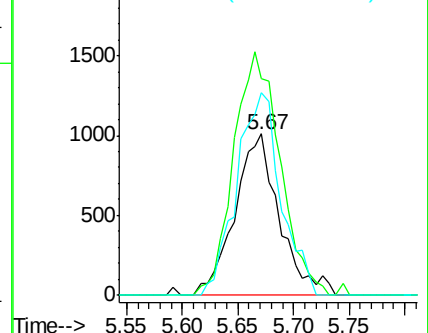
84 125.3 69.0 103.4#



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: 54.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001354.D

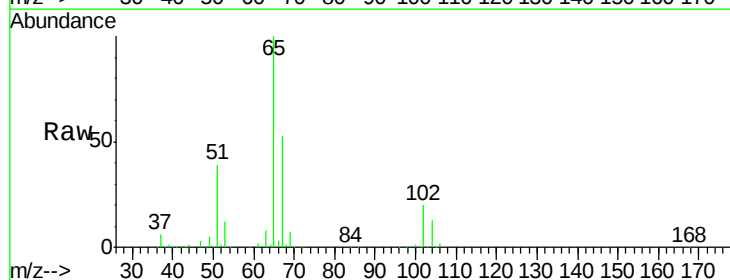
Acq: 03 May 2018 12:59

Tgt Ion: 65 Resp: 114961

Ion Ratio Lower Upper

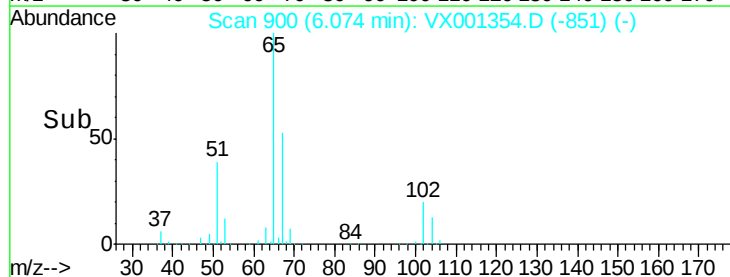
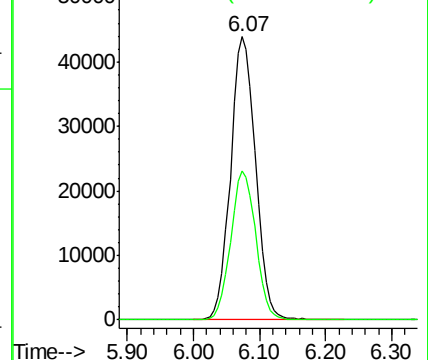
65 100

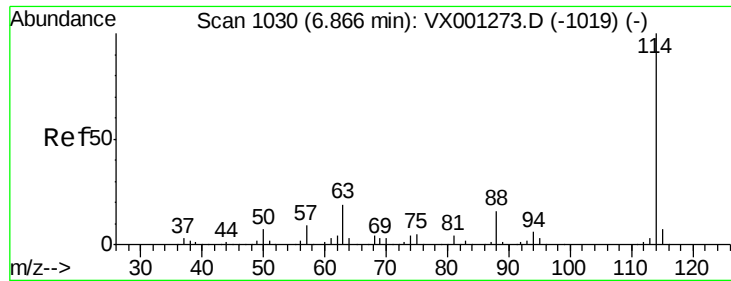
67 52.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

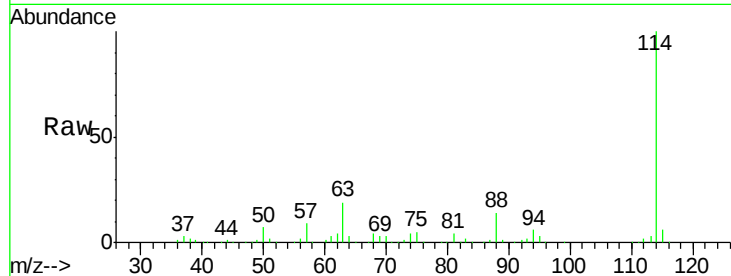




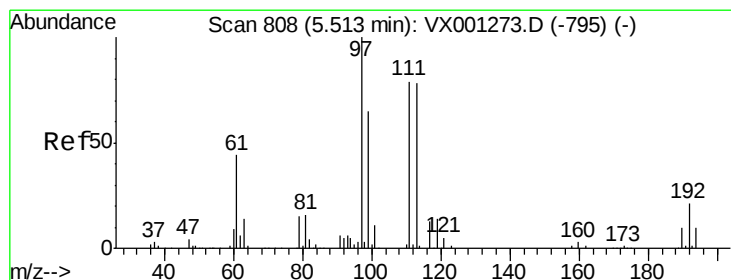
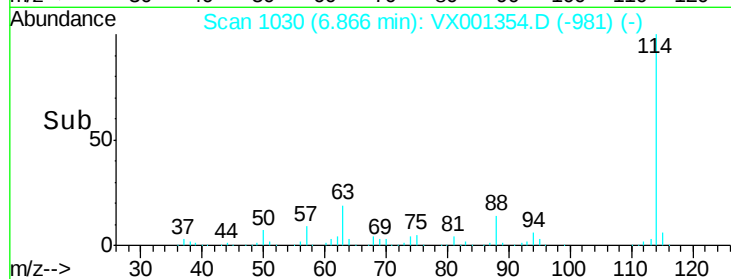
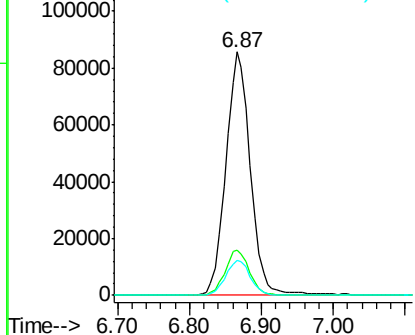
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001354.D
 Acq: 03 May 2018 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBL01

Tgt Ion:114 Resp: 202499
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.8
 88 14.4 0.0 32.2

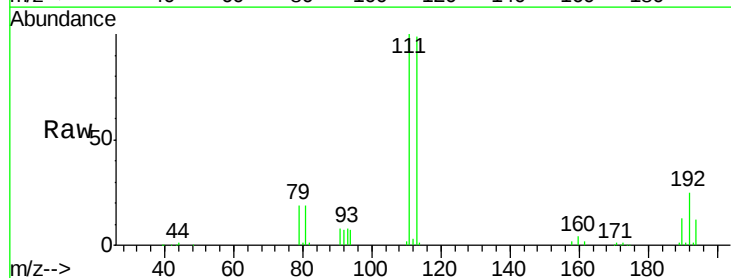


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

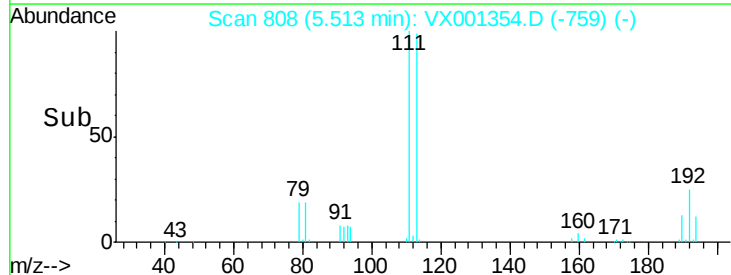
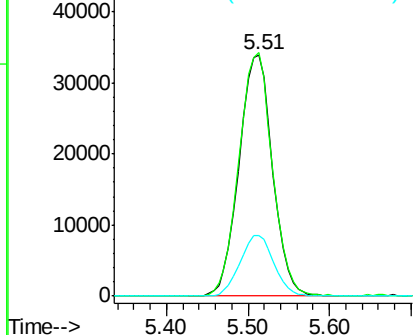


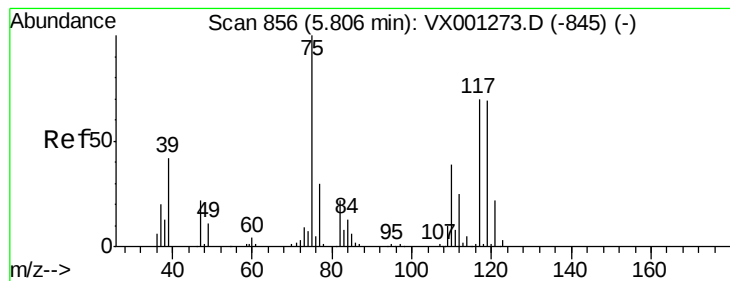
#35
 Dibromofluoromethane
 Concen: 55.41 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001354.D
 Acq: 03 May 2018 12:59

Tgt Ion:113 Resp: 96665
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.2 121.8
 192 25.5 20.7 31.1



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: 3.92 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBL01

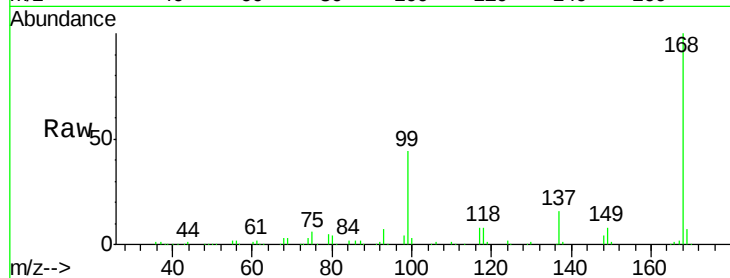
Tgt Ion: 75 Resp: 9161

Ion Ratio Lower Upper

75 100

110 9.9 18.9 56.9#

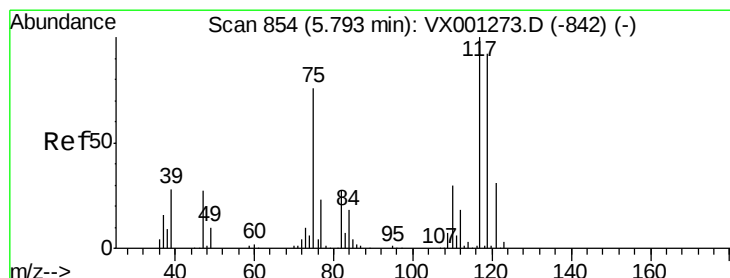
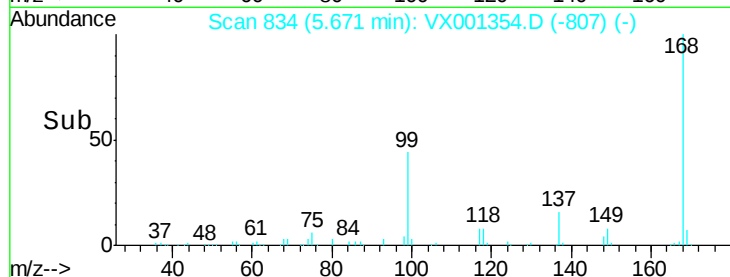
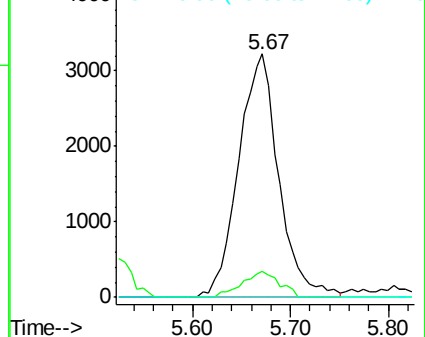
77 0.0 24.2 36.2#



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: 5.37 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.13 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

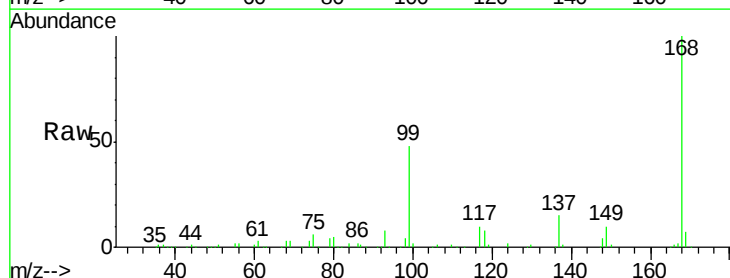
Tgt Ion: 117 Resp: 13147

Ion Ratio Lower Upper

117 100

119 6.1 73.4 110.2#

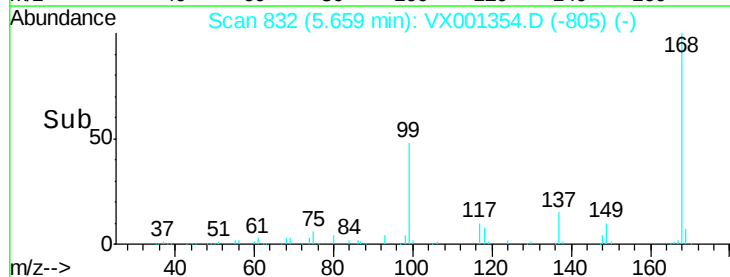
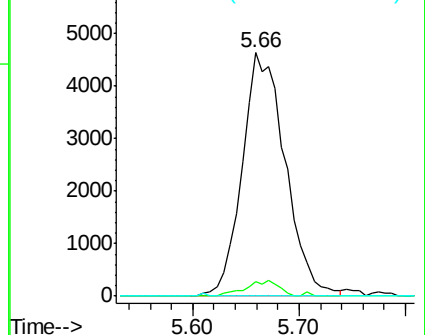
121 0.0 25.0 37.4#

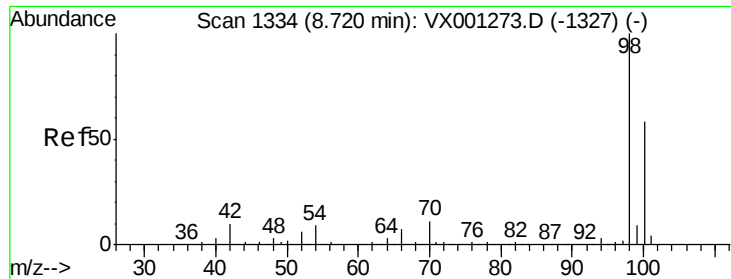


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 55.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

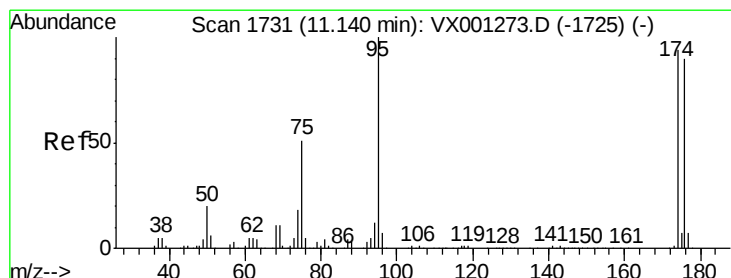
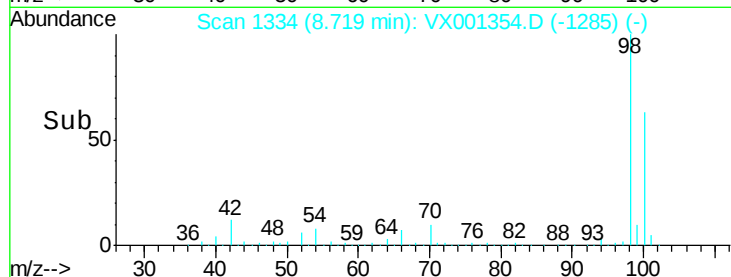
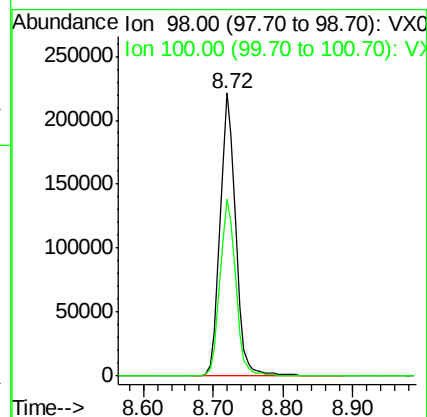
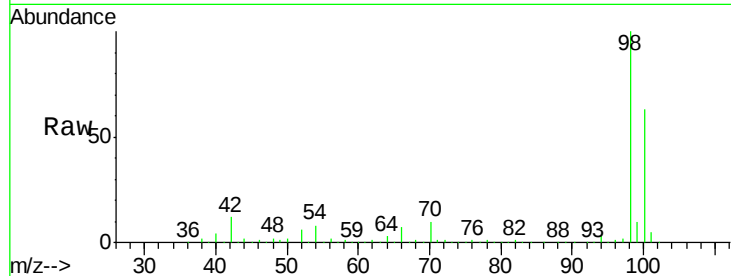
VX0503WBL01

Tgt Ion: 98 Resp: 345392

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 42.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

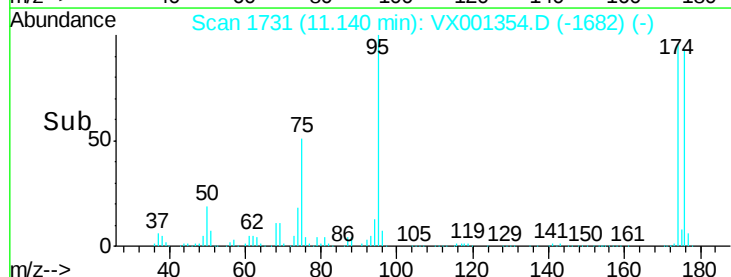
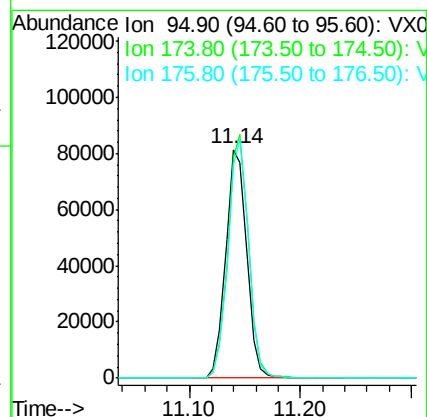
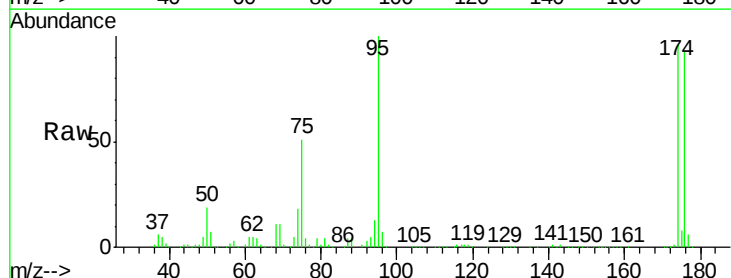
Tgt Ion: 95 Resp: 106343

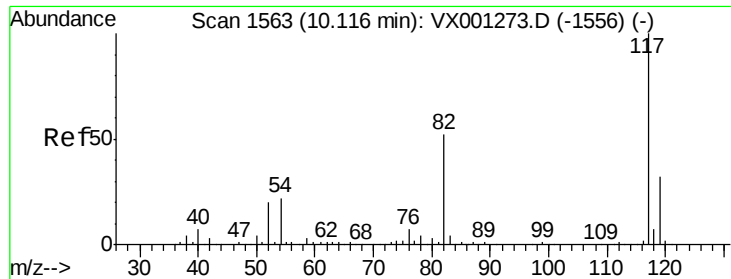
Ion Ratio Lower Upper

95 100

174 105.2 0.0 201.8

176 101.9 0.0 197.2

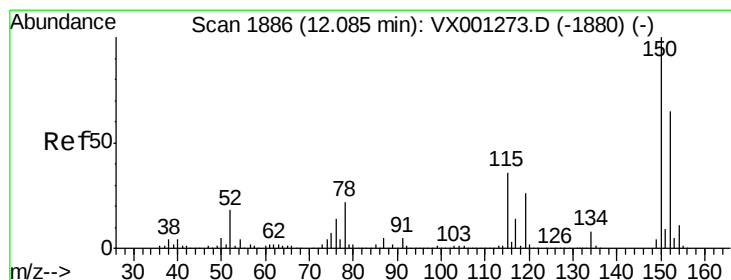
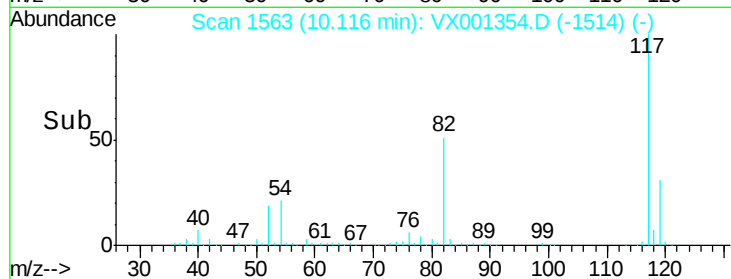
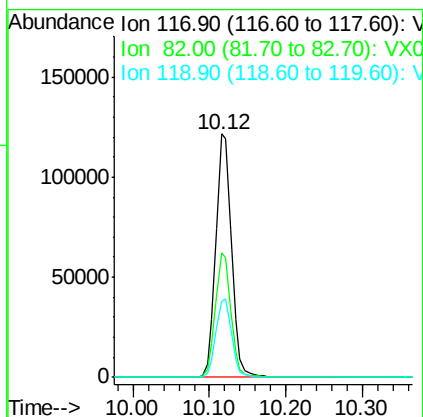
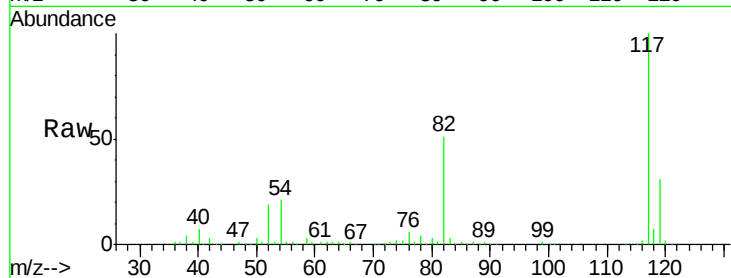




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001354.D
Acq: 03 May 2018 12:59

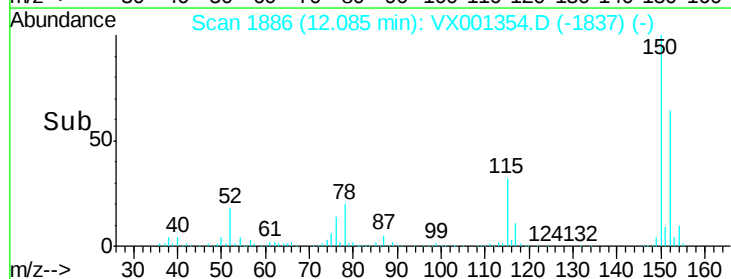
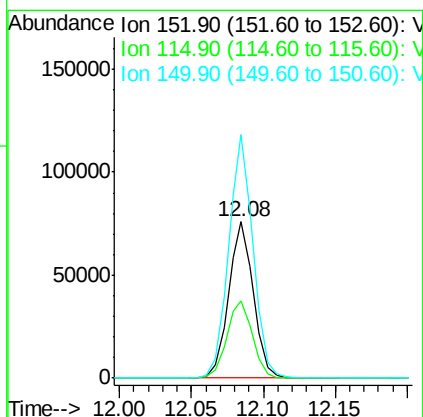
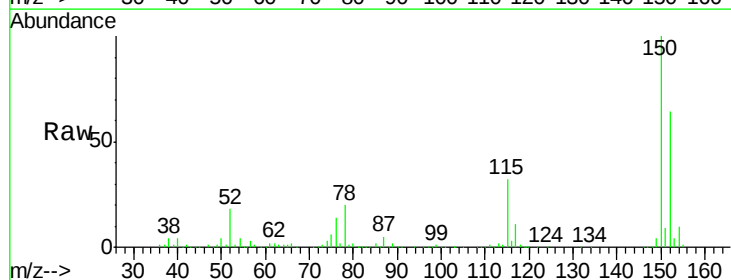
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

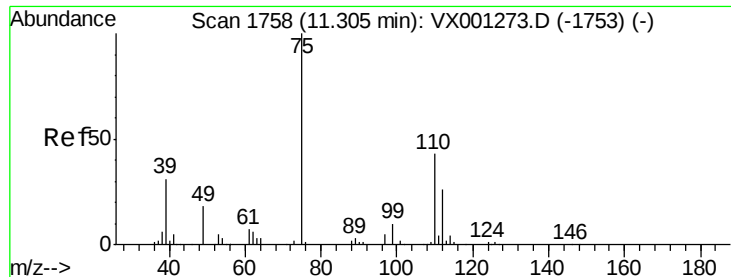
Tgt Ion:117 Resp: 173647
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.0
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001354.D
Acq: 03 May 2018 12:59

Tgt Ion:152 Resp: 91322
Ion Ratio Lower Upper
152 100
115 51.0 38.6 115.7
150 154.0 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 31.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

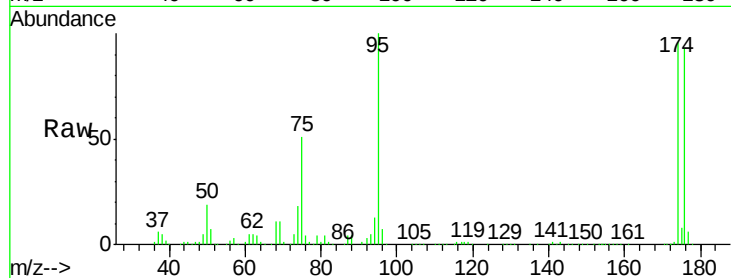
VX0503WBL01

Tgt Ion: 75 Resp: 53557

Ion Ratio Lower Upper

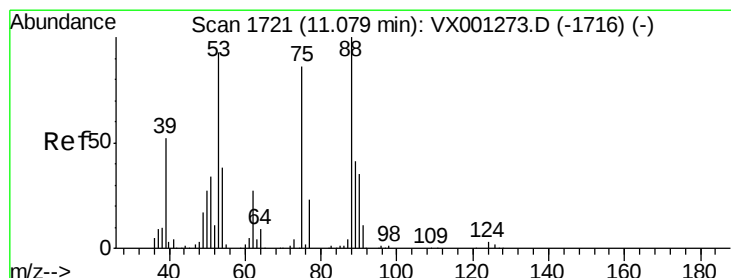
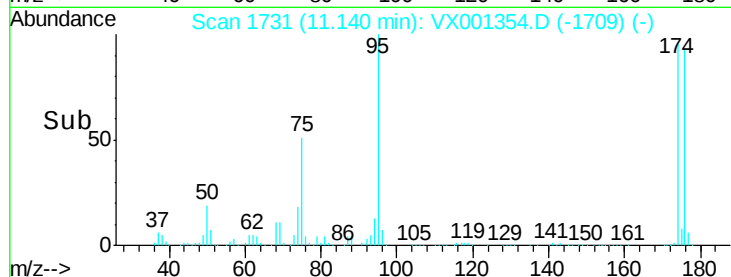
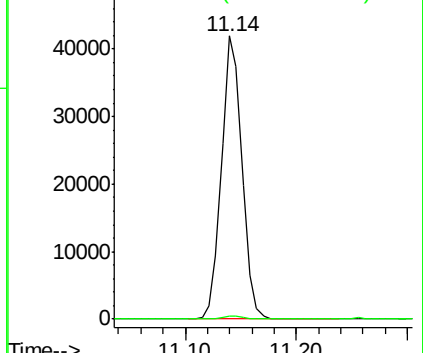
75 100

77 1.3 18.9 56.5#



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: 98.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001354.D

Acq: 03 May 2018 12:59

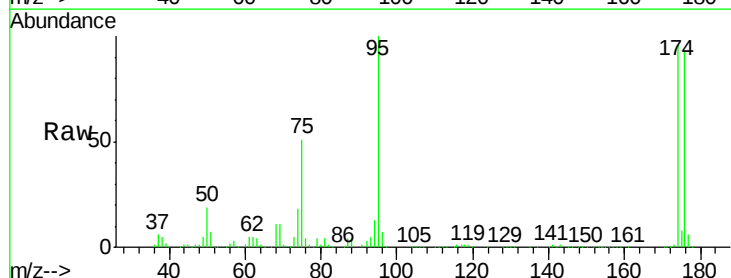
Tgt Ion: 75 Resp: 53557

Ion Ratio Lower Upper

75 100

53 0.1 87.1 130.7#

89 0.0 38.9 58.3#



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

