

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002018.D
 Acq On : 26 May 2018 14:48
 Operator : JC/MD
 Sample : J3064-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:31:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	458495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	430484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245165	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	277988	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
35) Dibromofluoromethane	5.51	113	215483	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
50) Toluene-d8	8.72	98	795271	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.14	95	302920	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	174	Below Cal		88
5) Bromomethane	1.65	94	1036	Below Cal	#	70
10) Methyl Iodide	2.51	142	3197	0.63	ug/l #	90
11) Tert butyl alcohol	3.07	59	6966	6.57	ug/l #	93
13) Acrolein	2.29	56	361	0.79	ug/l	97
16) Acetone	2.45	43	12912	6.20	ug/l	90
17) Carbon Disulfide	2.57	76	2456	0.24	ug/l #	94
18) Methyl Acetate	2.78	43	832	Below Cal	#	53
19) Methyl tert-butyl Ether	3.21	73	36191	2.73	ug/l	95
20) Methylene Chloride	2.86	84	999	Below Cal	#	76
21) trans-1,2-Dichloroethene	3.18	96	309	Below Cal	#	45
25) 2-Butanone	4.71	43	1036	0.27	ug/l #	84
28) Bromochloromethane	5.02	49	166	Below Cal	#	14
31) Cyclohexane	5.58	56	7111	0.96	ug/l #	83
36) 1,1-Dichloropropene	5.67	75	21065	3.30	ug/l #	52
38) Carbon Tetrachloride	5.67	117	27975	3.76	ug/l #	14
39) Methylcyclohexane	7.46	83	21683	2.77	ug/l	99
41) Methacrylonitrile	5.18	41	288	Below Cal		89
55) 1,1,2-Trichloroethane	9.16	97	5907	1.19	ug/l #	17
73) Isopropylbenzene	11.02	105	73717	3.55	ug/l	99
74) N-amyl acetate	6.45	43	431	Below Cal	#	57
75) 1,1,2,2-Tetrachloroethane	11.28	83	2100	Below Cal	#	36
76) 1,2,3-Trichloropropane	11.14	75	159068	27.01	ug/l #	33
78) n-propylbenzene	11.37	91	115245	4.96	ug/l	100
79) 2-Chlorotoluene	11.37	91	115245	7.06	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	159068	64.92	ug/l #	10
82) 4-Chlorotoluene	11.37	91	115245	7.03	ug/l #	44
83) tert-Butylbenzene	11.77	119	21241	1.22	ug/l	92
85) sec-Butylbenzene	11.95	105	55327	2.64	ug/l	84
86) p-Isopropyltoluene	12.24	119	70535	3.77	ug/l	99
89) n-Butylbenzene	12.39	91	30482	1.92	ug/l #	65
90) Hexachloroethane	12.68	117	51629	13.98	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4079	2.21	ug/l #	4
95) Naphthalene	13.85	128	12527	0.57	ug/l #	35

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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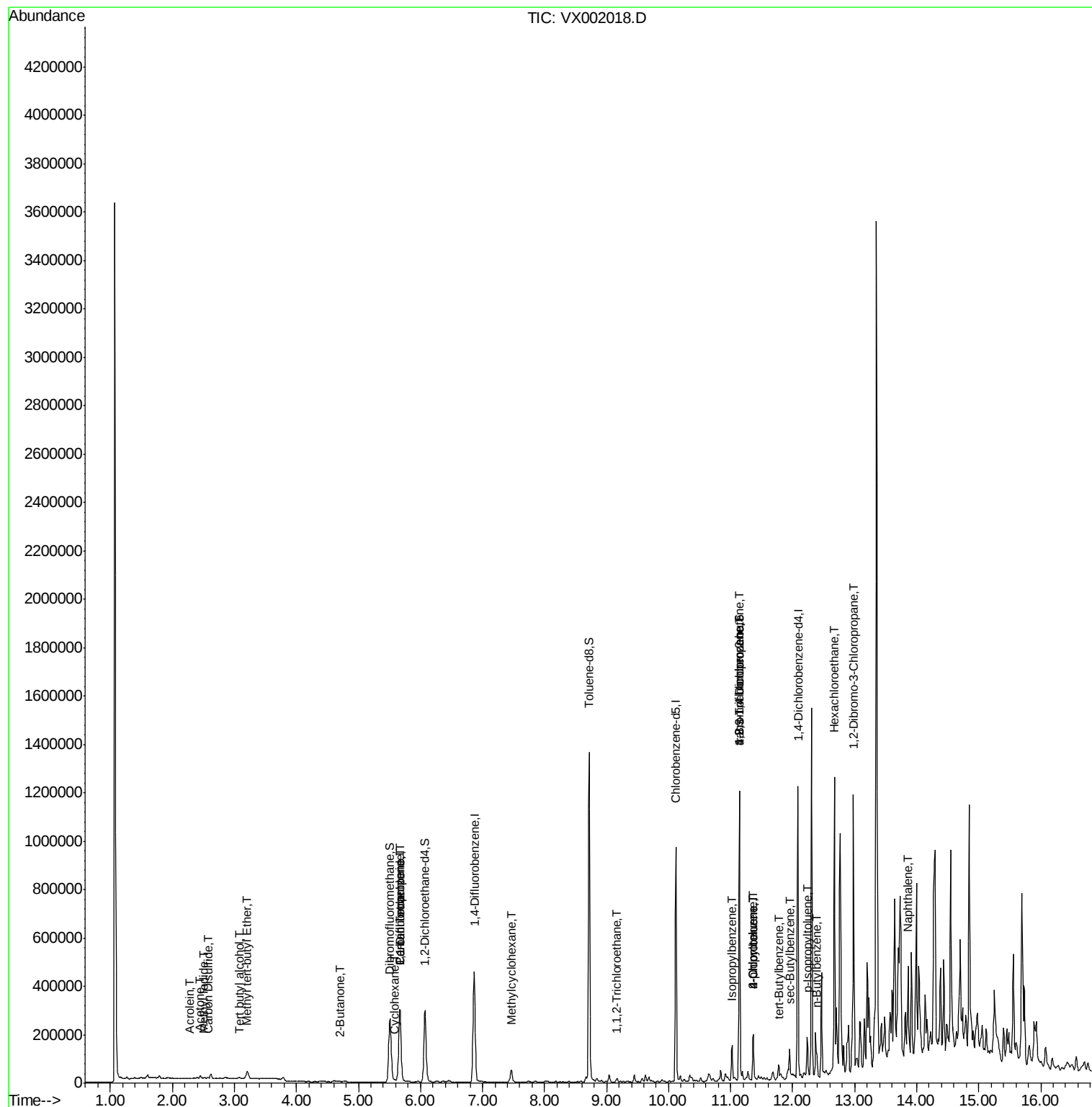
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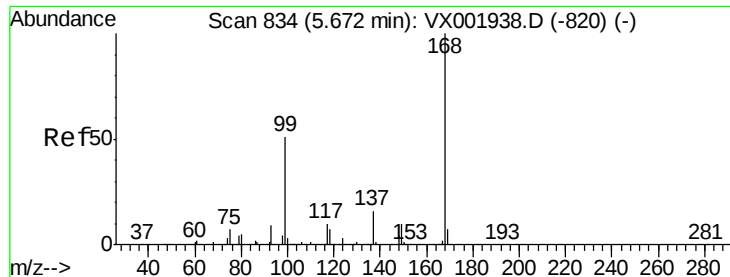
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

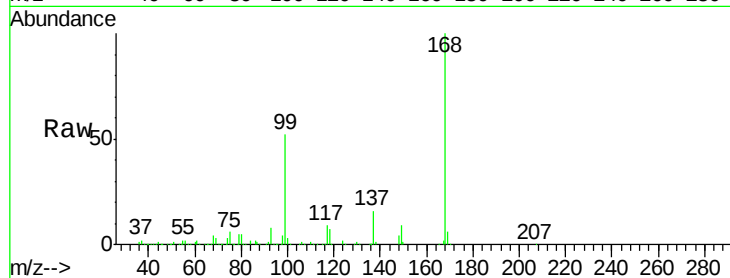
ClientSampleId :

Tot Ion:168 Resp: 301960

Ion Ratio Lower Upper

168 100

99 52.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

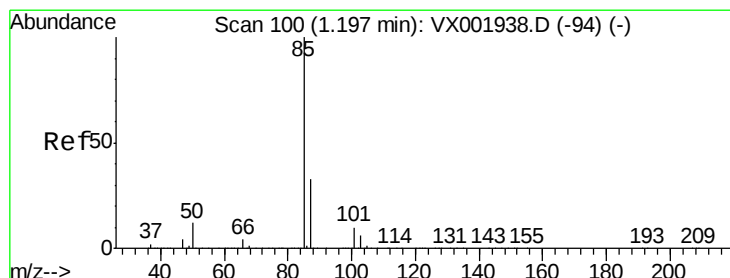
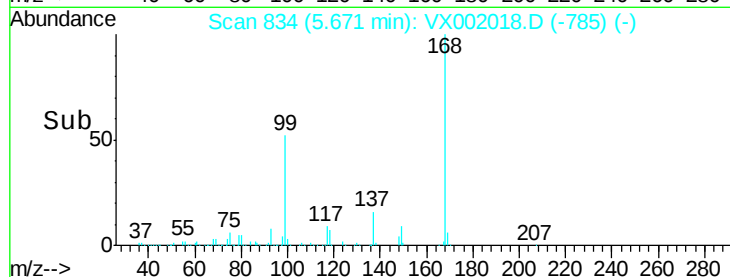
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002018.D

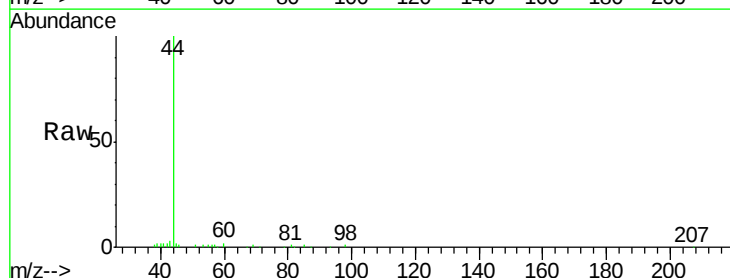
Acq: 26 May 2018 14:48

Tgt Ion: 85 Resp: 174

Ion Ratio Lower Upper

85 100

87 40.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

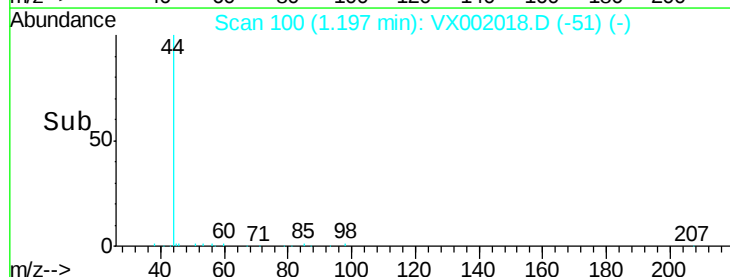
150

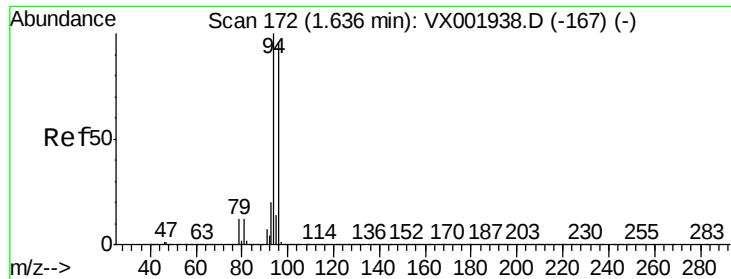
100

50

0

Time--> 1.16 1.18 1.20 1.22





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

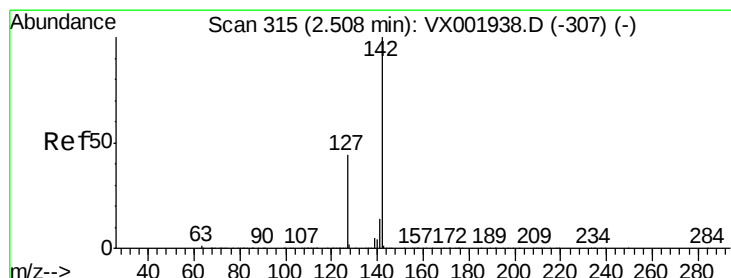
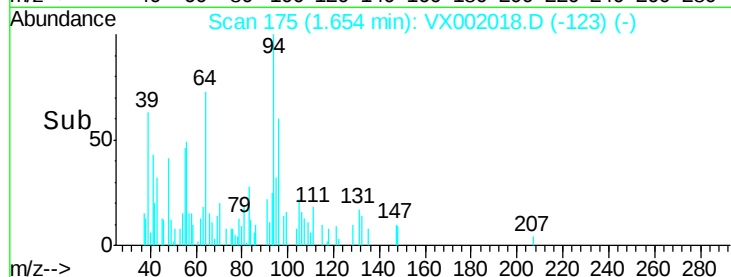
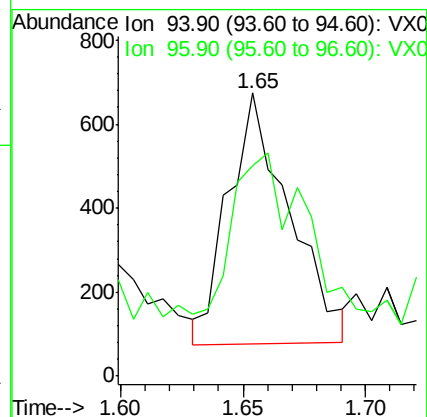
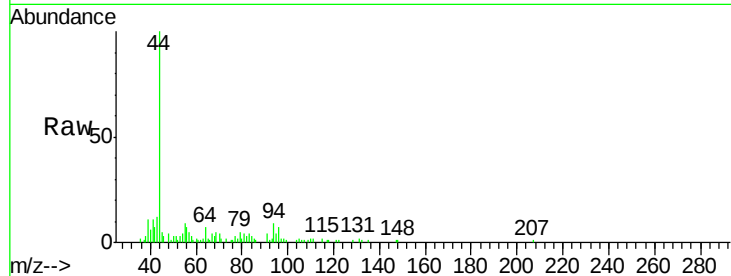
ClientSampleId :

Tot Ion: 94 Resp: 1036

Ion Ratio Lower Upper

94 100

96 65.4 75.9 113.9#



#10

Methyl Iodide

Concen: 0.63 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

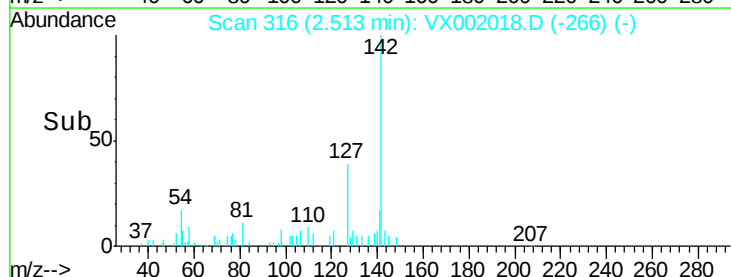
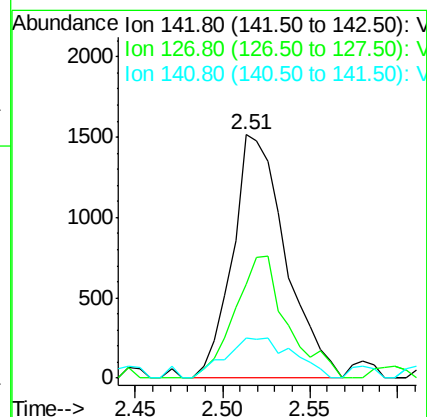
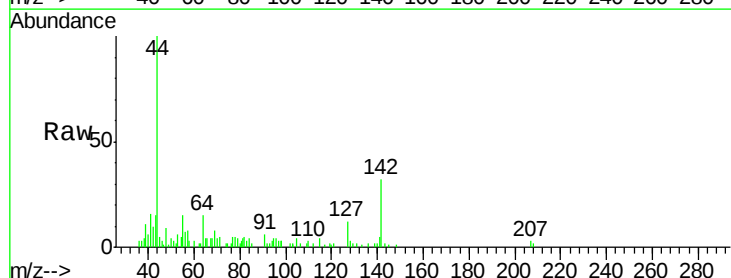
Tgt Ion:142 Resp: 3197

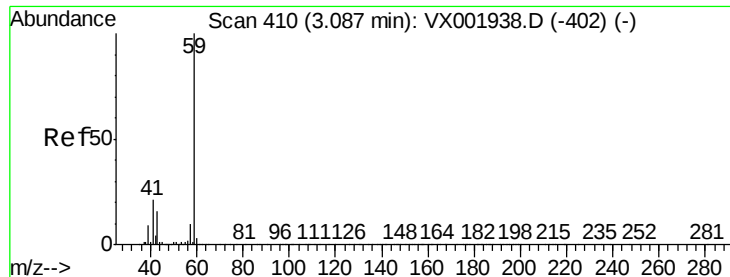
Ion Ratio Lower Upper

142 100

127 49.3 35.5 53.3

141 21.2 11.3 16.9#



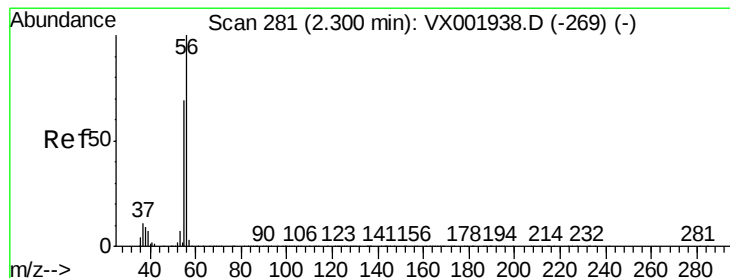
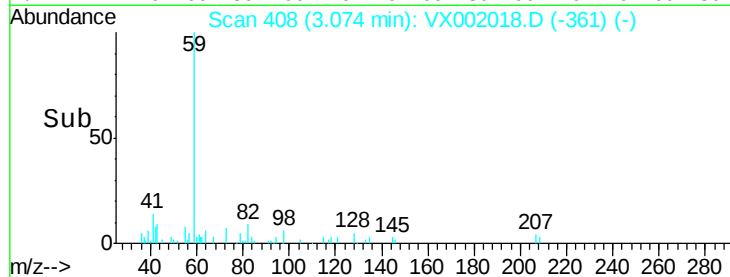
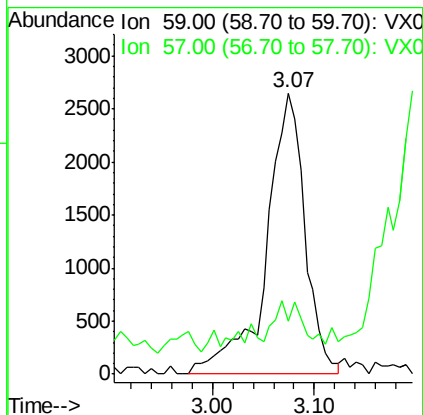
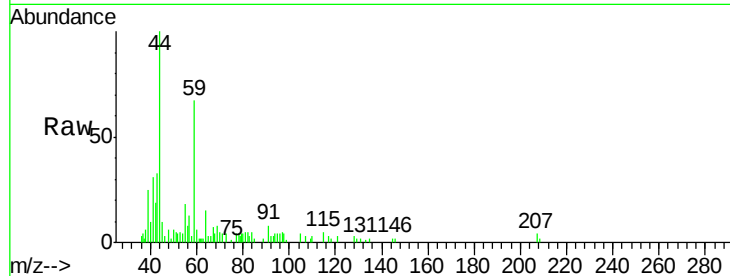


#11

Tert butvl alcohol
 Concen: 6.57 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002018.D
 Acq: 26 May 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :

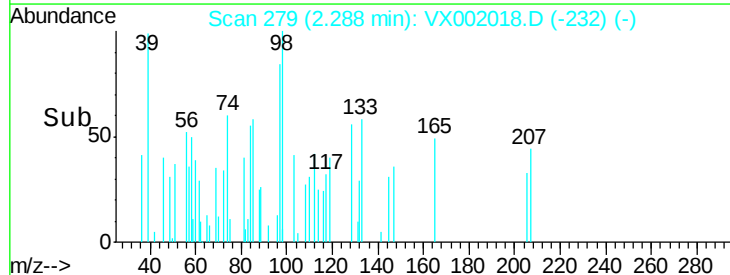
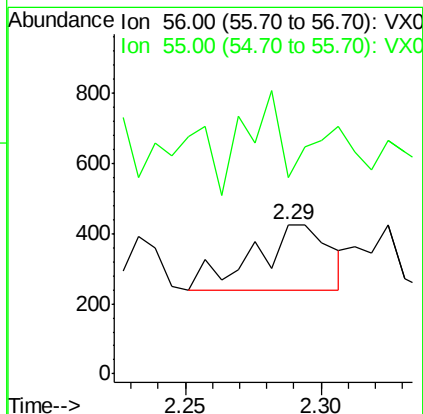
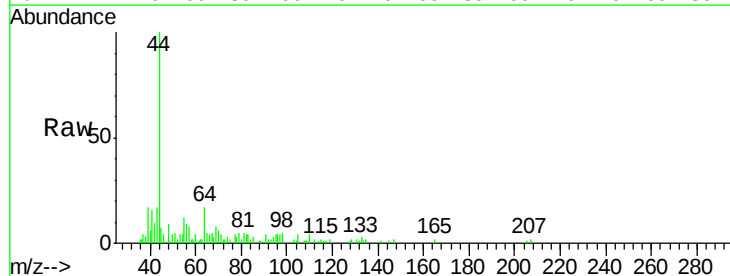
Tot Ion: 59 Resp: 6966
 Ion Ratio Lower Upper
 59 100
 57 8.5 8.9 13.3#

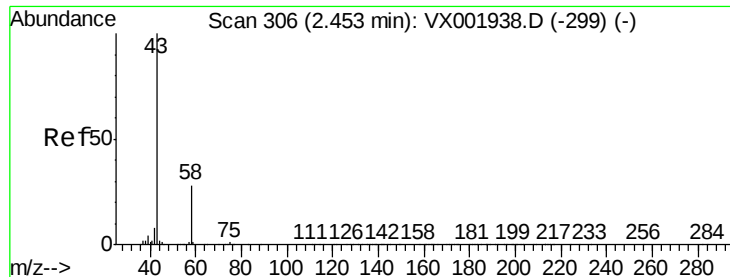


#13

Acrolein
 Concen: 0.79 ug/l
 RT: 2.29 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX002018.D
 Acq: 26 May 2018 14:48

Tgt Ion: 56 Resp: 361
 Ion Ratio Lower Upper
 56 100
 55 73.4 56.8 85.2





#16

Acetone

Concen: 6.20 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

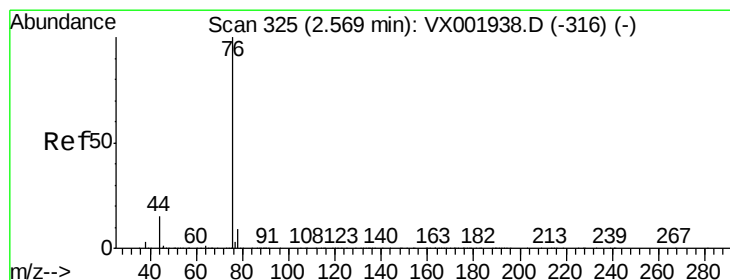
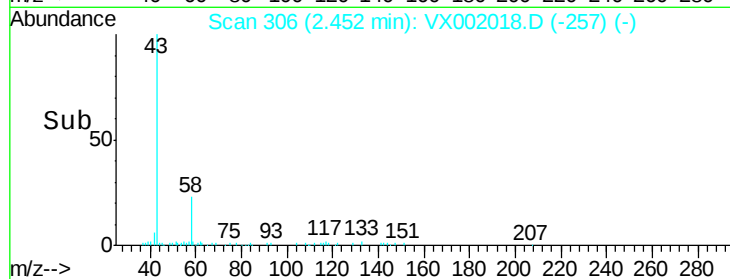
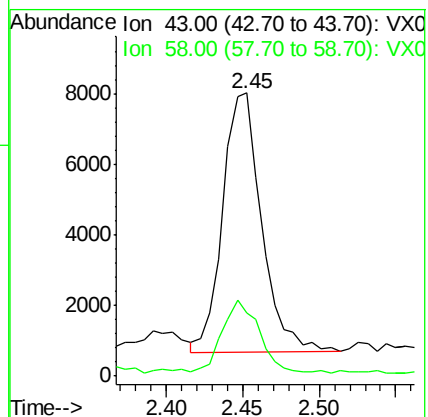
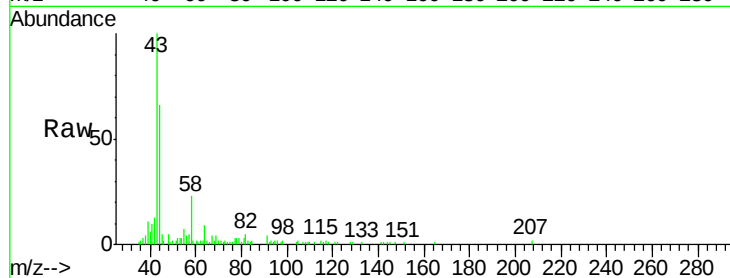
ClientSampleId :

Tot Ion: 43 Resp: 12912

Ion Ratio Lower Upper

43 100

58 22.8 22.3 33.5



#17

Carbon Disulfide

Concen: 0.24 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002018.D

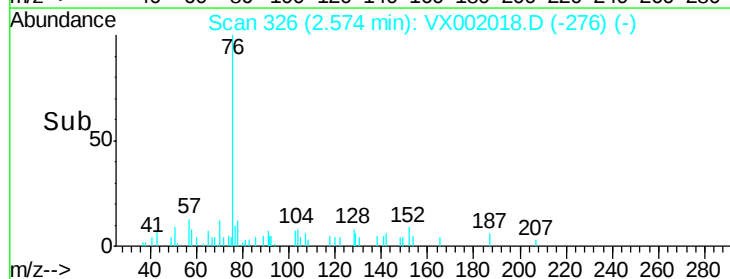
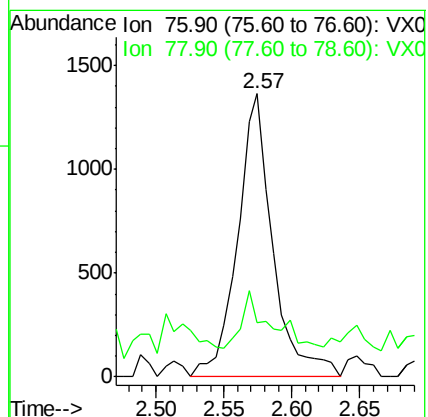
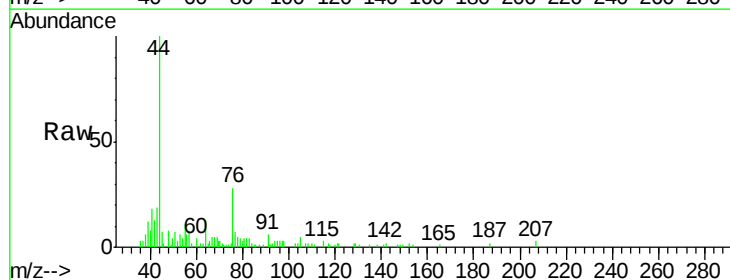
Acq: 26 May 2018 14:48

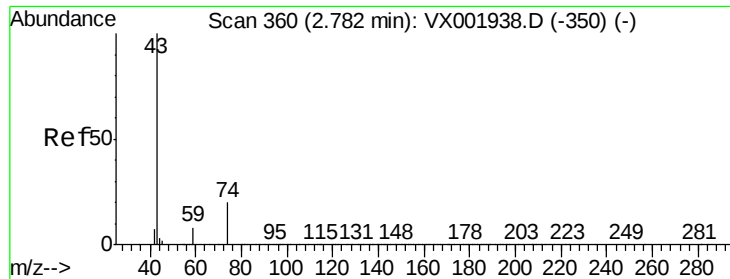
Tgt Ion: 76 Resp: 2456

Ion Ratio Lower Upper

76 100

78 7.0 7.4 11.2#





#18

Methvl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

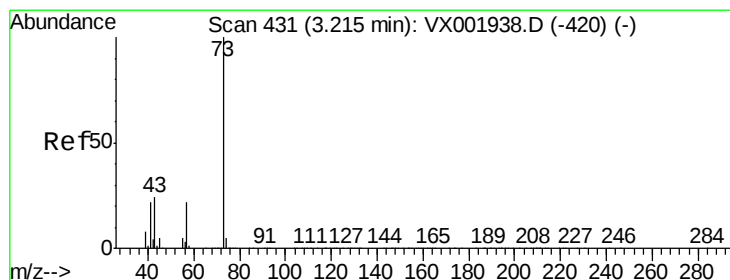
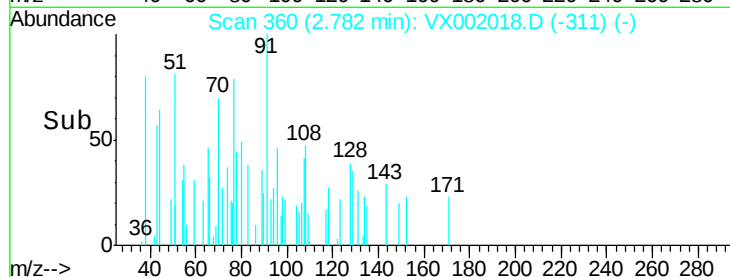
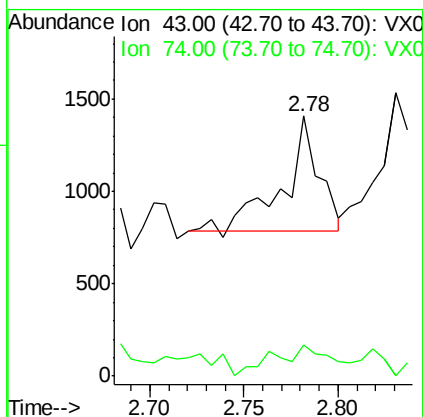
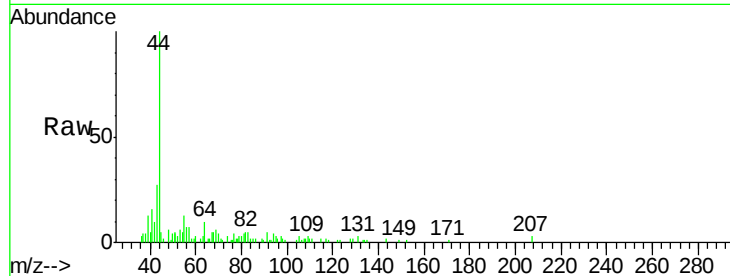
ClientSampleId :

Tot Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

74 42.8 16.8 25.2#



#19

Methyl tert-butyl Ether

Concen: 2.73 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002018.D

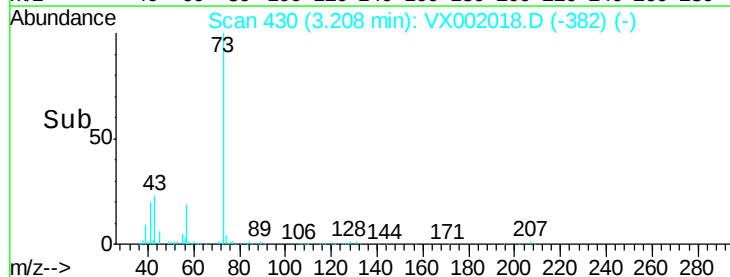
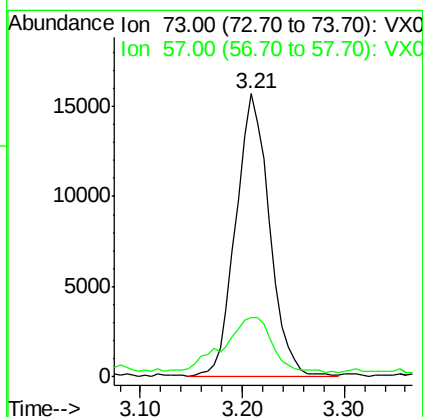
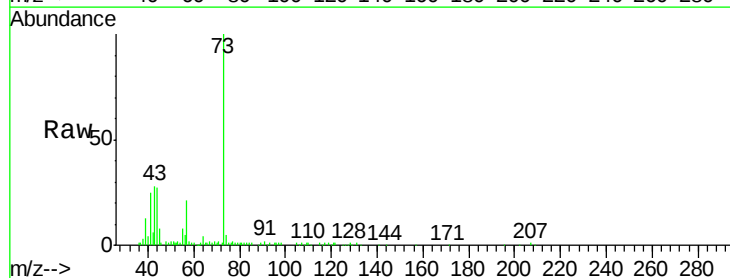
Acq: 26 May 2018 14:48

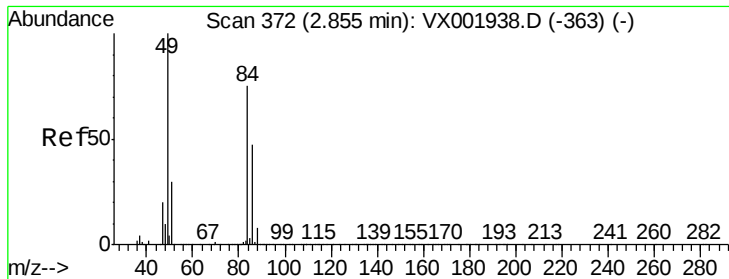
Tgt Ion: 73 Resp: 36191

Ion Ratio Lower Upper

73 100

57 19.5 17.4 26.0

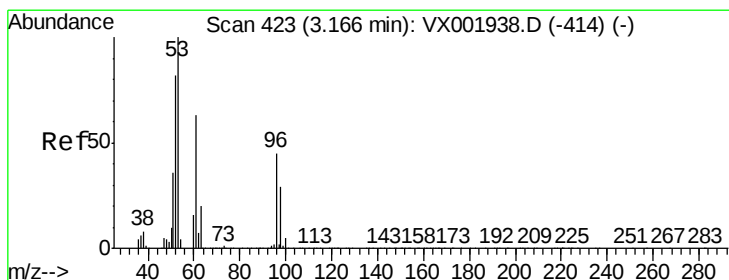
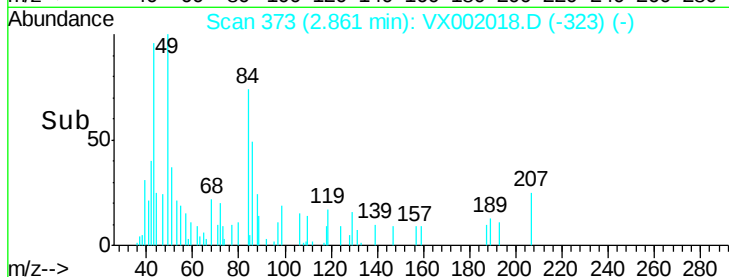
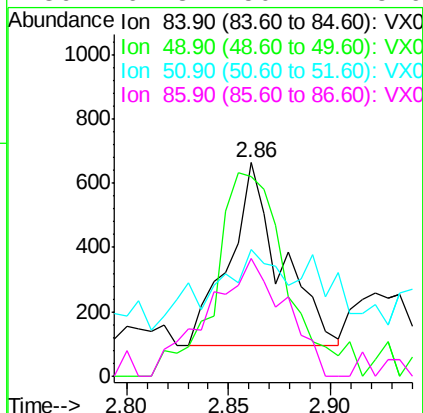
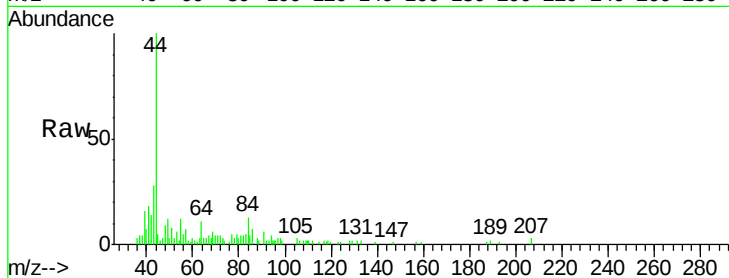




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

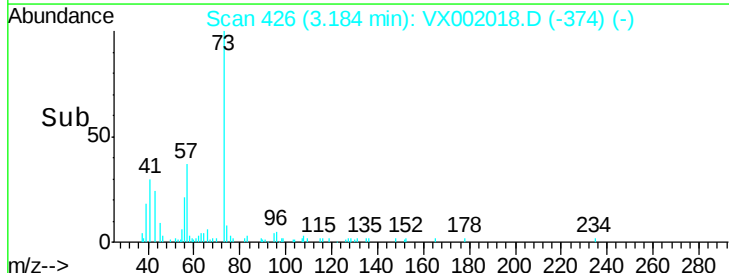
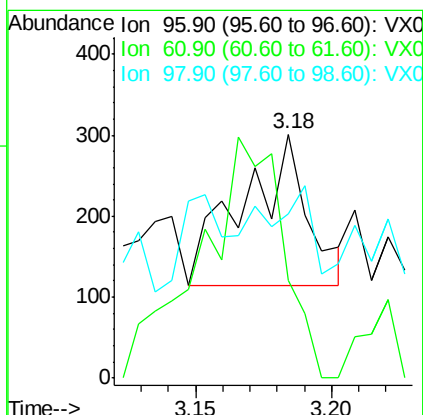
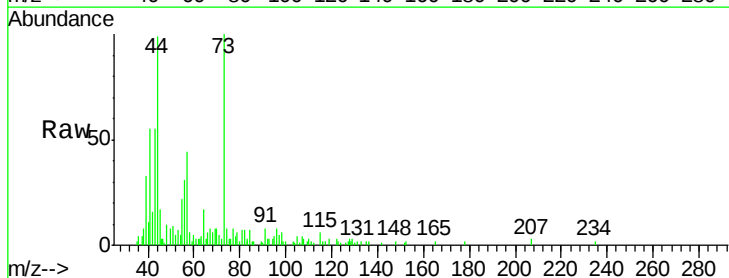
Instrument :
MSVOA_X
ClientSampleId :

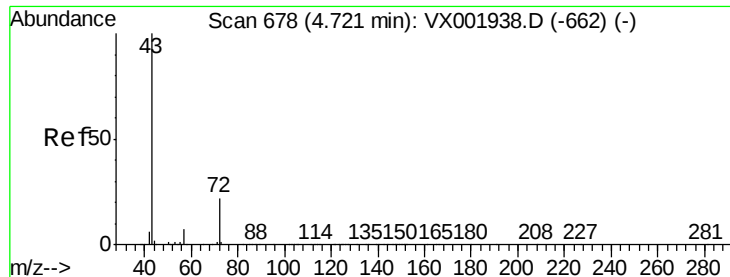
Tot Ion:	84	Resp:	999
Ion	Ratio	Lower	Upper
84	100		
49	97.5	107.2	160.8#
51	18.3	32.4	48.6#
86	64.3	50.4	75.6



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.18 min Scan# 426
Delta R.T. 0.02 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

Tgt Ion:	96	Resp:	309
Ion	Ratio	Lower	Upper
96	100		
61	65.1	113.3	169.9#
98	33.3	51.7	77.5#





#25

2-Butanone

Concen: 0.27 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

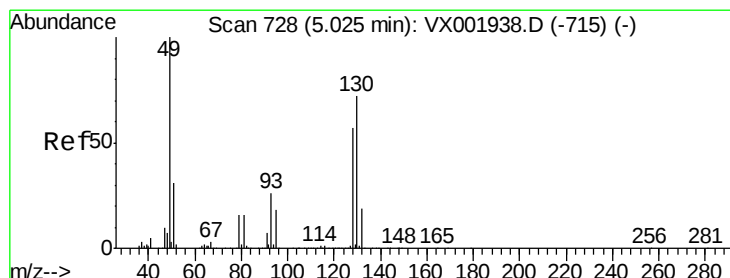
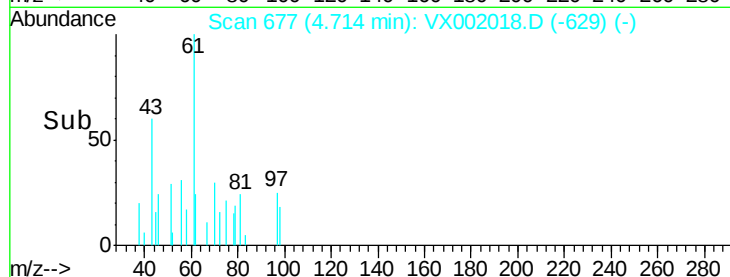
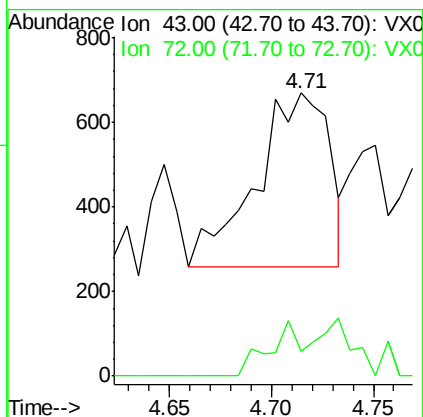
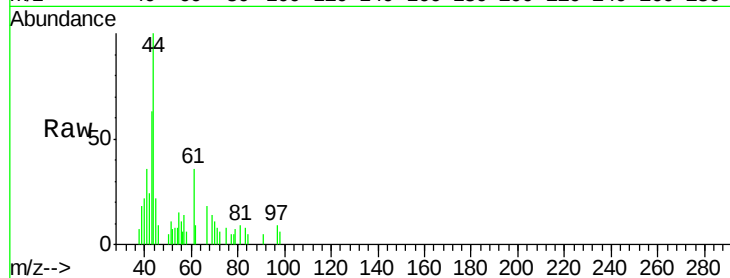
ClientSampled :

Tot Ion: 43 Resp: 1036

Ion Ratio Lower Upper

43 100

72 14.6 17.9 26.9#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

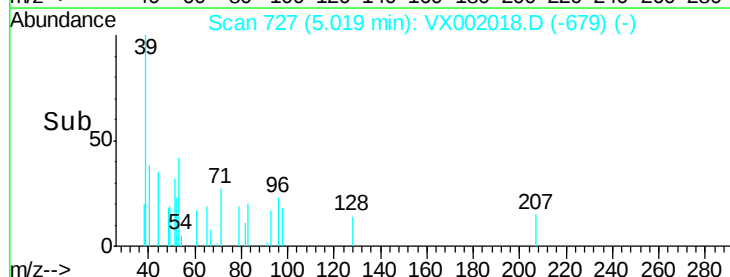
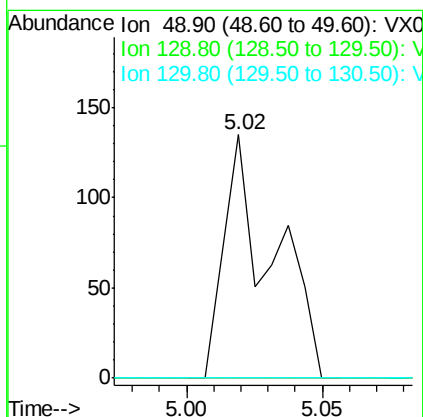
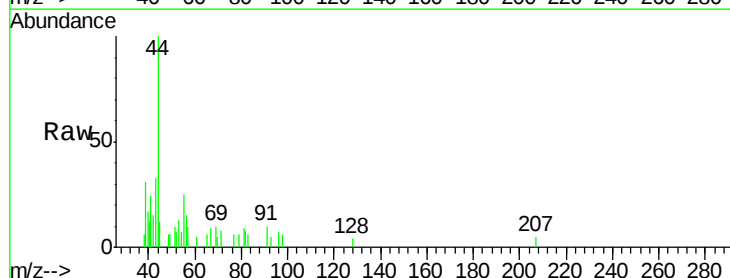
Tgt Ion: 49 Resp: 166

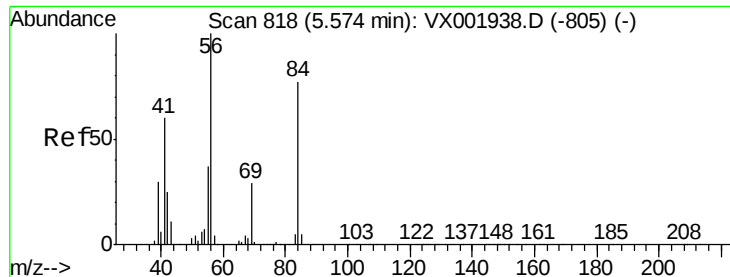
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 59.4 89.2#

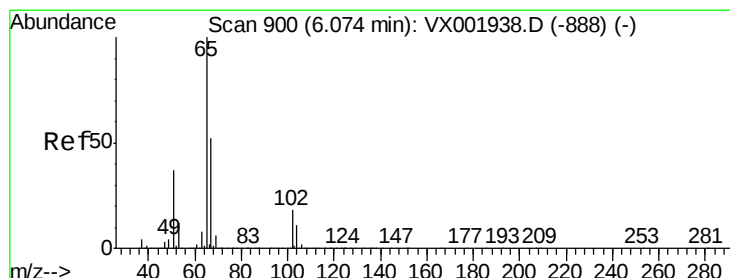
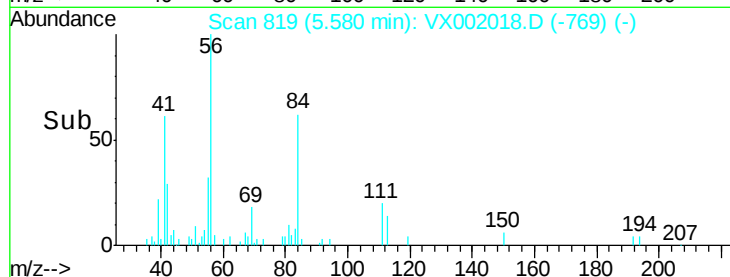
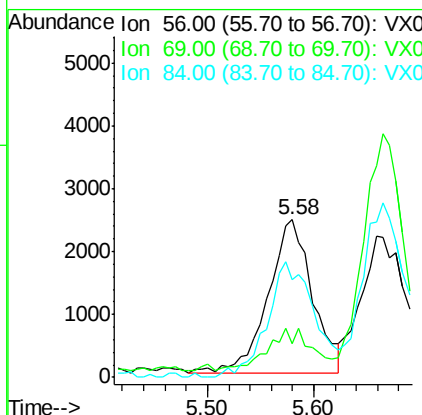
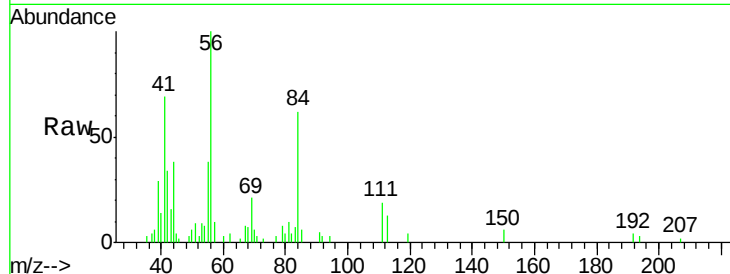




#31
Cyclohexane
Concen: 0.96 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

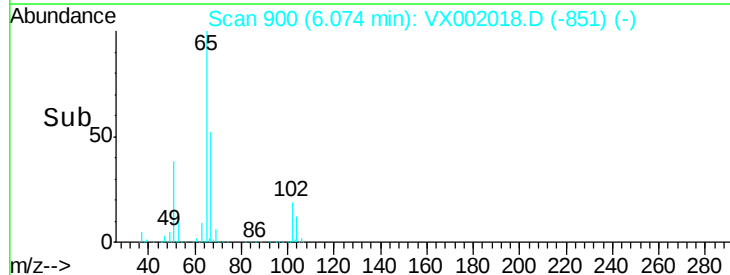
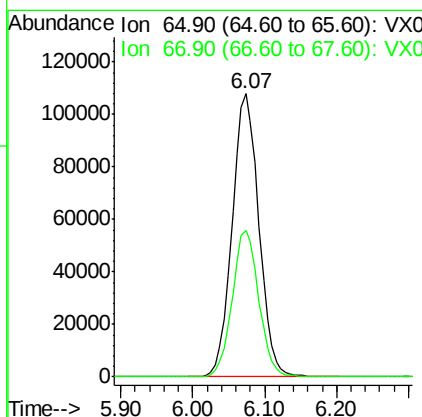
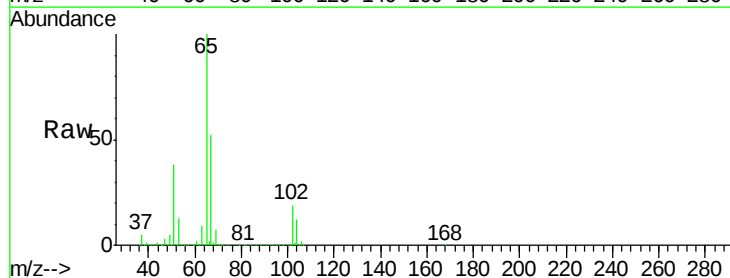
Instrument :
MSVOA_X
ClientSampleId :

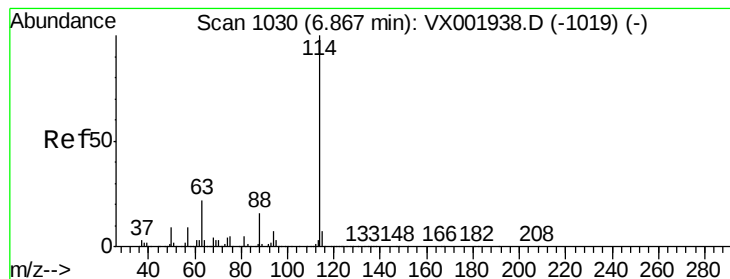
Tot Ion: 56 Resp: 7111
Ion Ratio Lower Upper
56 100
69 17.9 23.1 34.7#
84 63.5 62.0 93.0



#33
1,2-Dichloroethane-d4
Concen: 51.50 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

Tgt Ion: 65 Resp: 277988
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

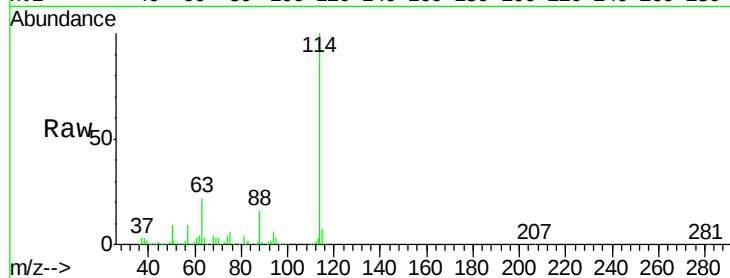
Tot Ion:114 Resp: 458495

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

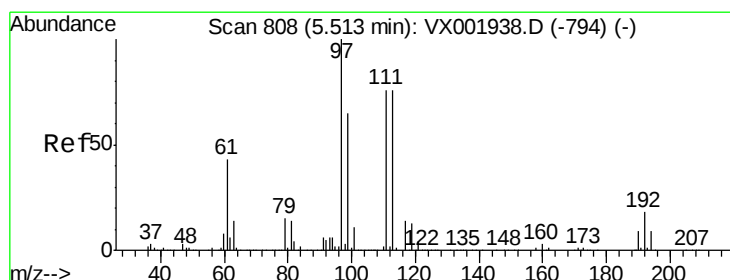
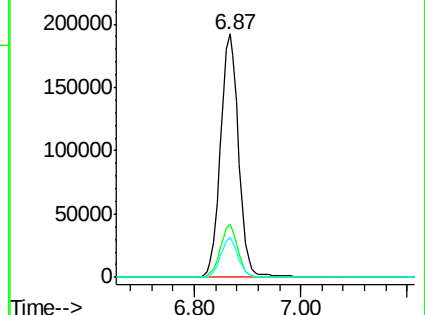
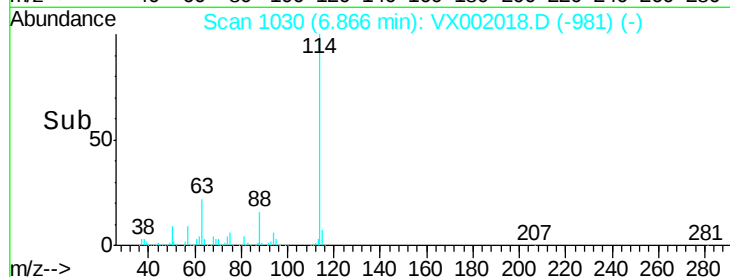
88 16.5 0.0 31.6



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: 47.00 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

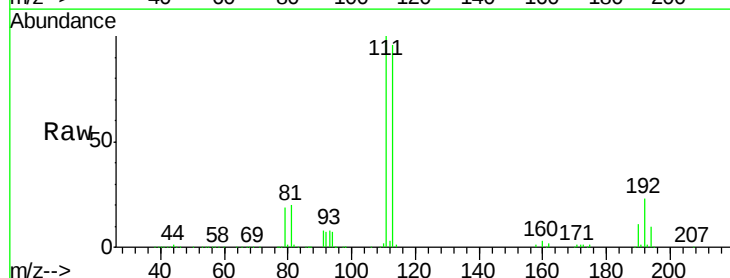
Tgt Ion:113 Resp: 215483

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

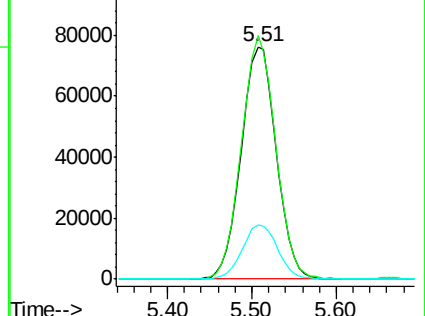
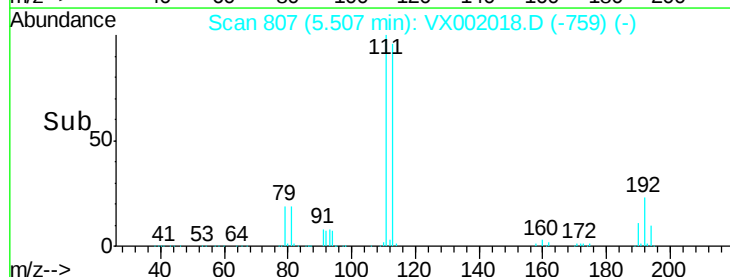
192 23.6 18.9 28.3

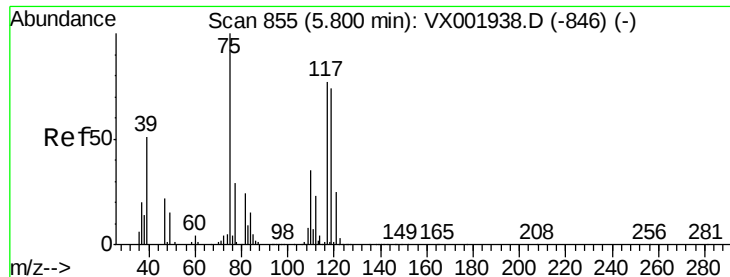


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

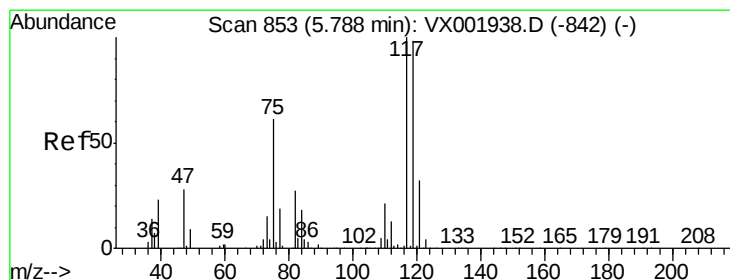
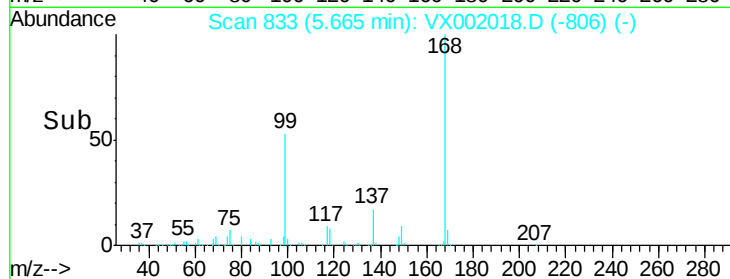
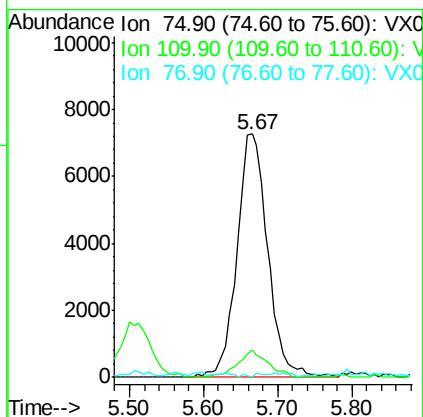
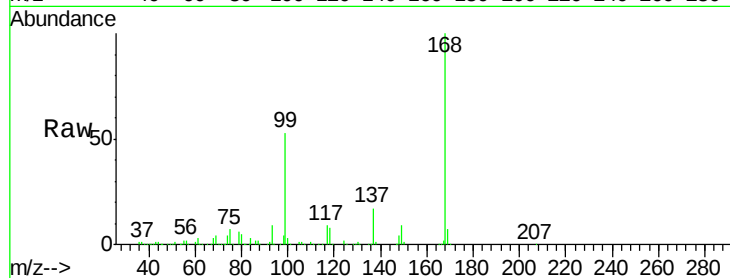




#36
 1,1-Dichloropropene
 Concen: 3.30 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002018.D
 Acq: 26 May 2018 14:48

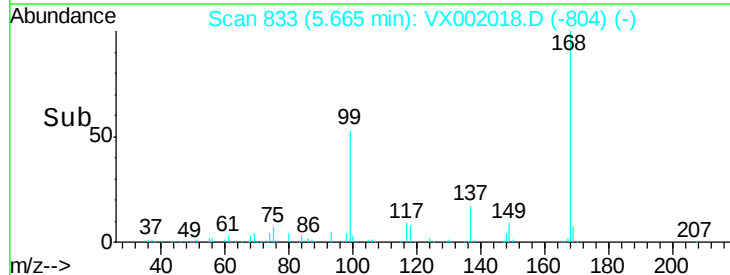
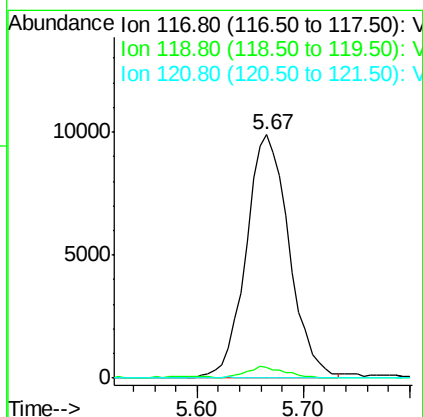
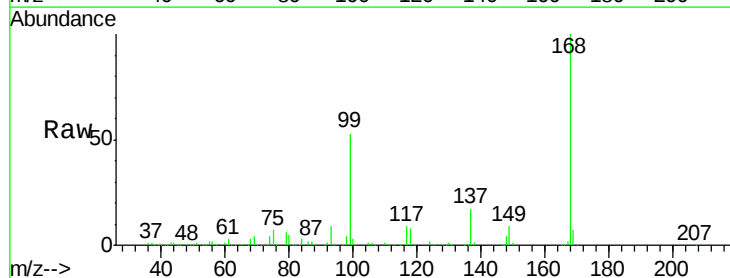
Instrument :
 MSVOA_X
 ClientSampleId :

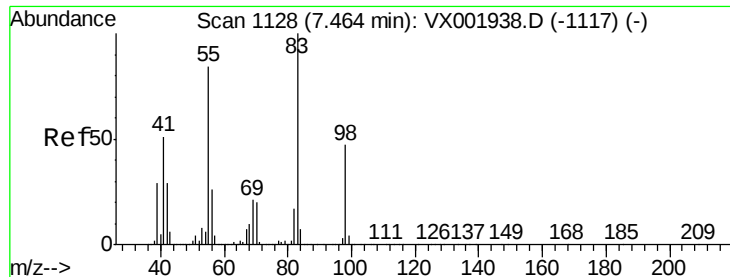
Tot Ion	75	Resp	21065
Ion Ratio	100	Lower	Upper
75	100		
110	10.8	17.4	52.2#
77	0.6	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 3.76 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002018.D
 Acq: 26 May 2018 14:48

Tgt Ion	117	Resp	27975
Ion Ratio	100	Lower	Upper
117	100		
119	4.3	78.5	117.7#
121	0.0	25.5	38.3#

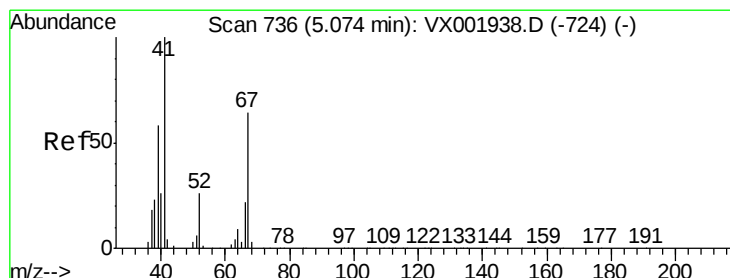
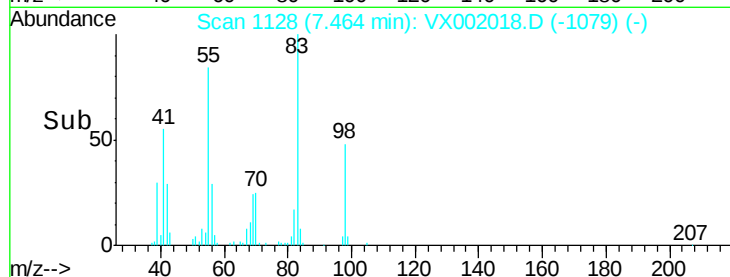
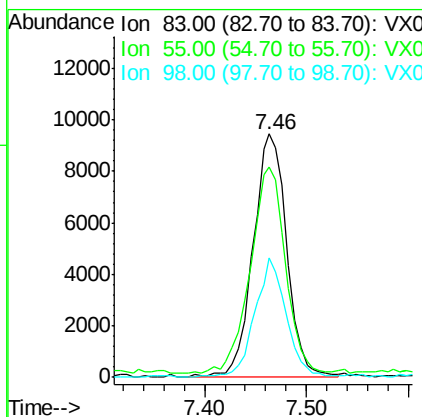
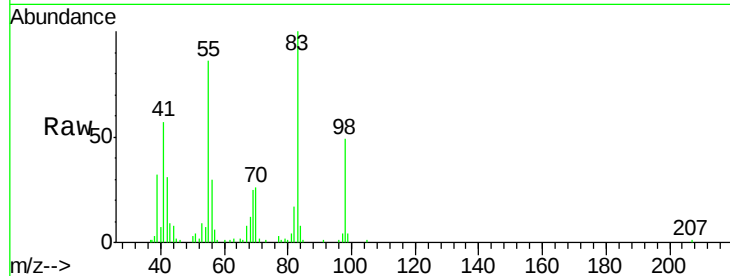




#39
Methylcyclohexane
Concen: 2.77 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

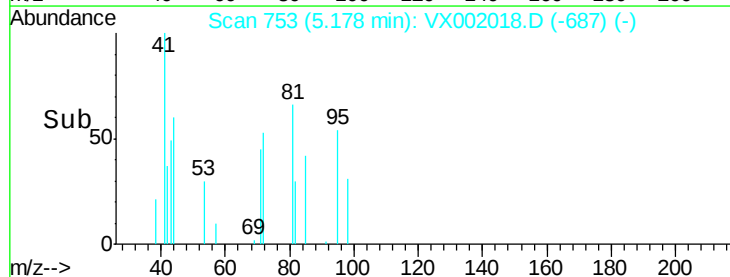
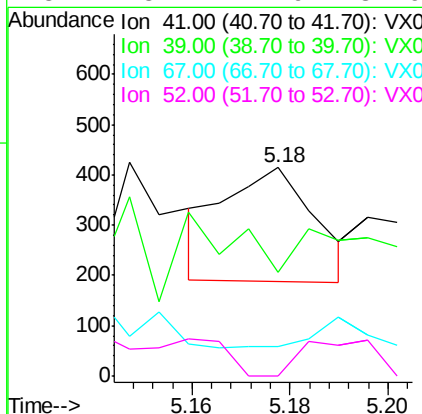
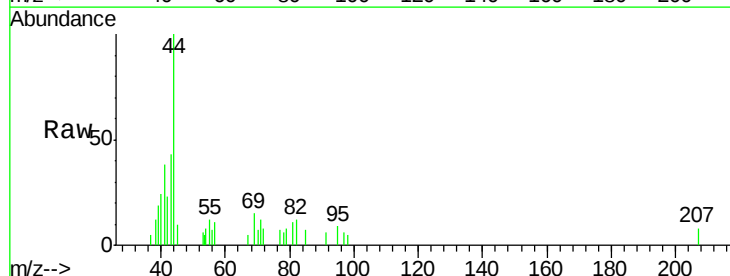
Instrument :
MSVOA_X
ClientSampleId :

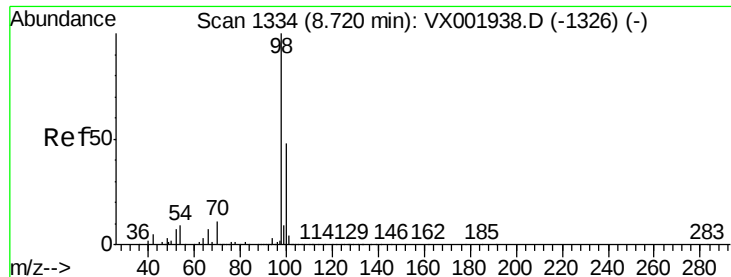
Tot Ion: 83 Resp: 21683
Ion Ratio Lower Upper
83 100
55 84.6 67.3 100.9
98 48.8 37.5 56.3



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.18 min Scan# 753
Delta R.T. 0.10 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

Tgt Ion: 41 Resp: 288
Ion Ratio Lower Upper
41 100
39 48.6 46.0 69.0
67 52.1 50.6 75.8
52 25.7 21.9 32.9

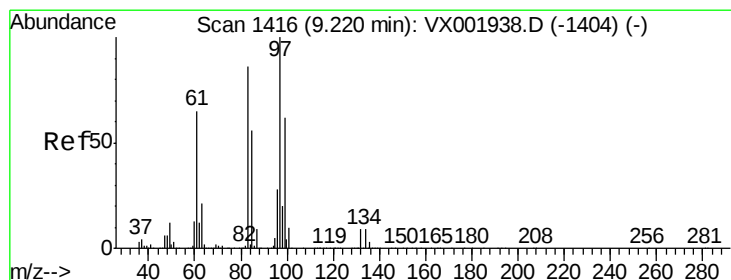
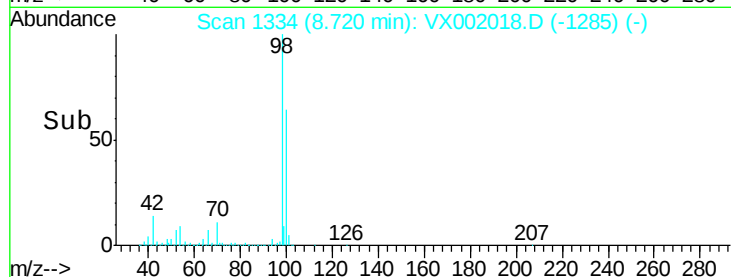
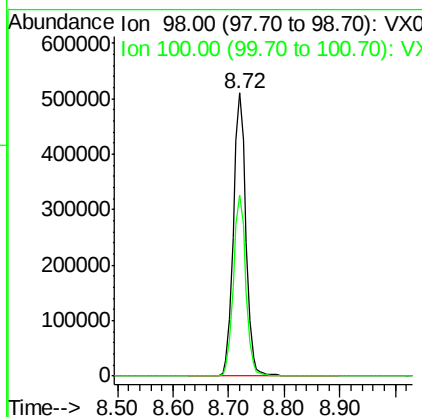
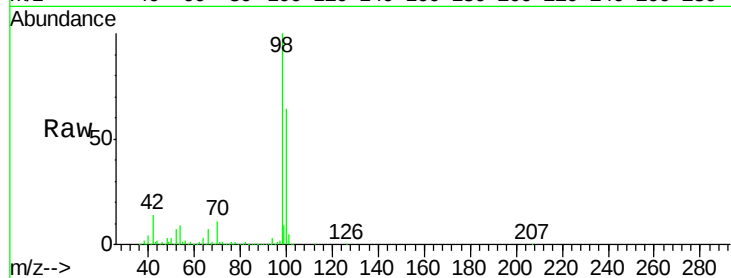




#50
Toluene-d8
Concen: 47.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

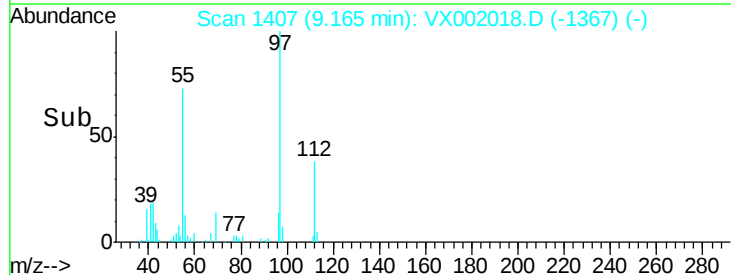
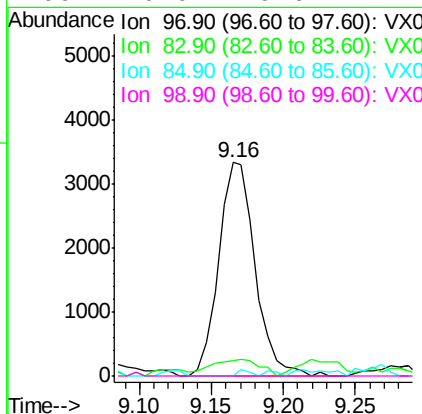
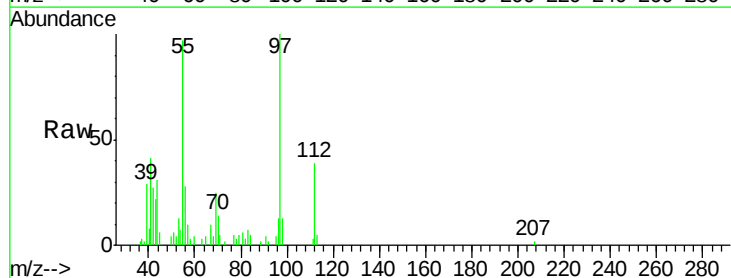
Instrument :
MSVOA_X
ClientSampled :

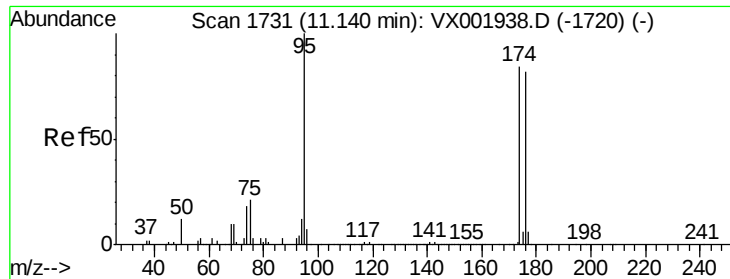
Tot Ion: 98 Resp: 795271
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#55
1,1,2-Trichloroethane
Concen: 1.19 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.06 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

Tgt Ion: 97 Resp: 5907
Ion Ratio Lower Upper
97 100
83 5.0 69.1 103.7#
85 0.0 45.2 67.8#
99 0.0 49.6 74.4#

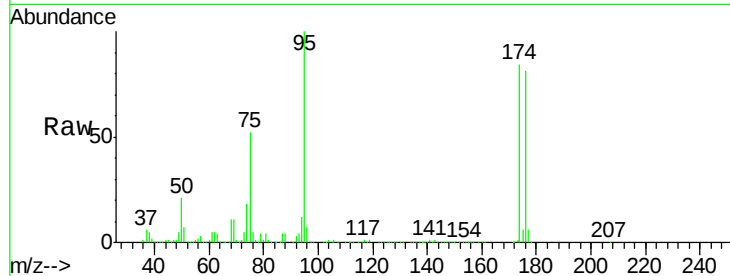




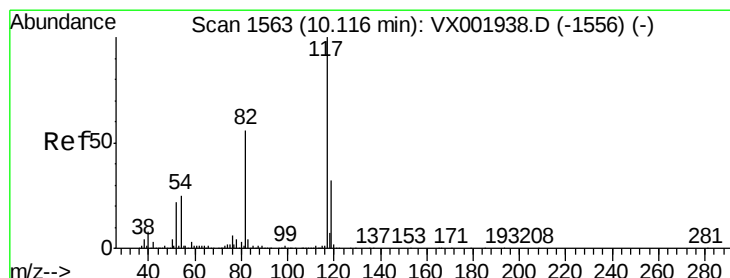
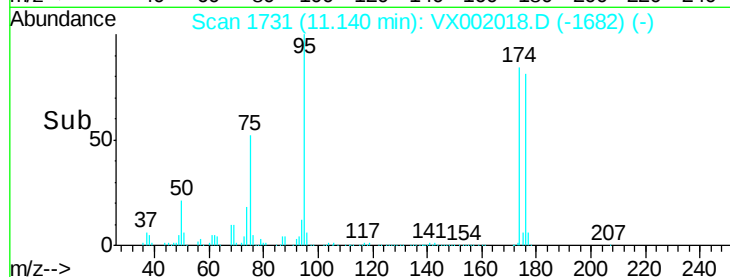
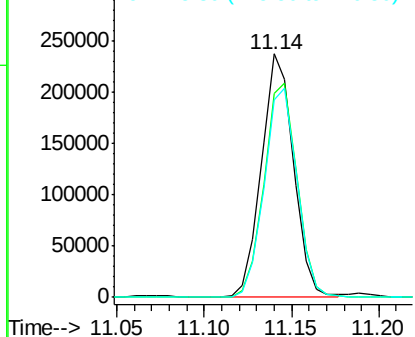
#62
4-Bromofluorobenzene
Concen: 46.64 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 302920
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.8
176 88.1 0.0 175.6

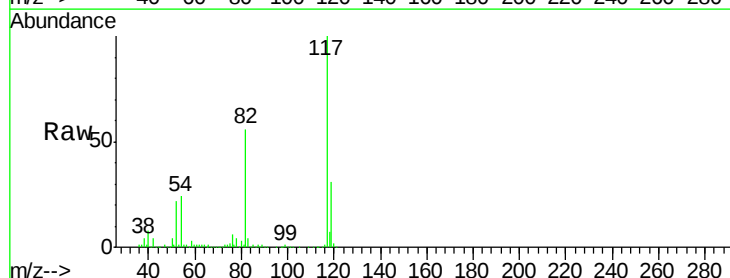


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

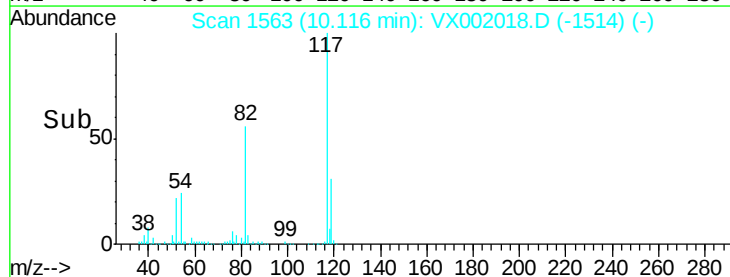
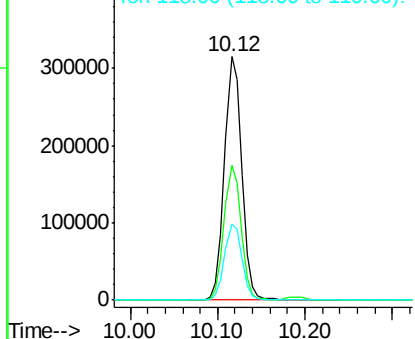


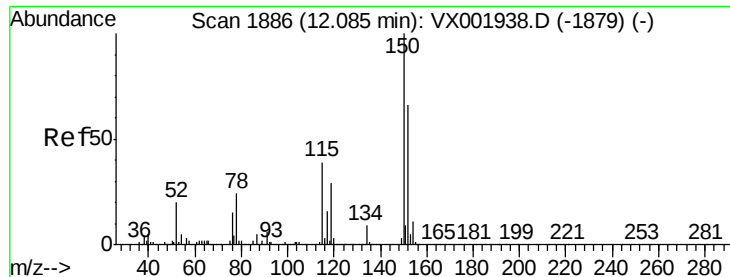
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002018.D
Acq: 26 May 2018 14:48

Tgt Ion: 117 Resp: 430484
Ion Ratio Lower Upper
117 100
82 55.6 44.8 67.2
119 31.3 25.5 38.3



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

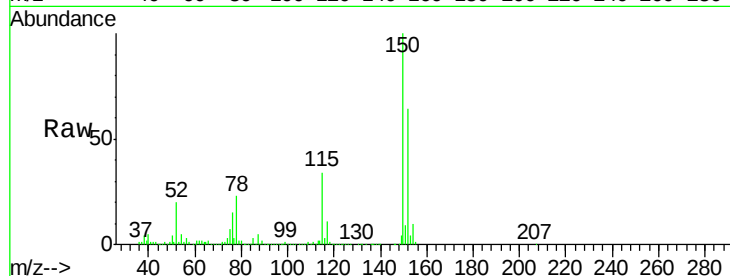
Tot Ion:152 Resp: 245165

Ion Ratio Lower Upper

152 100

115 55.8 42.3 126.8

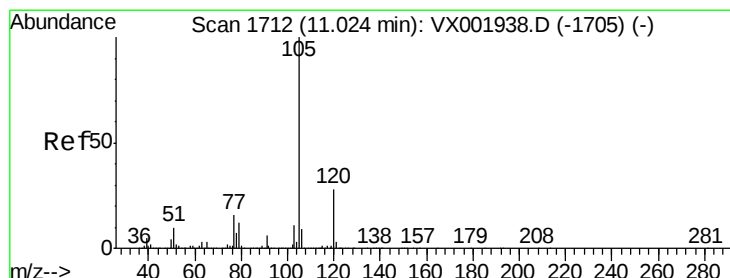
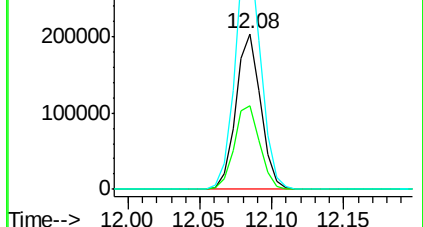
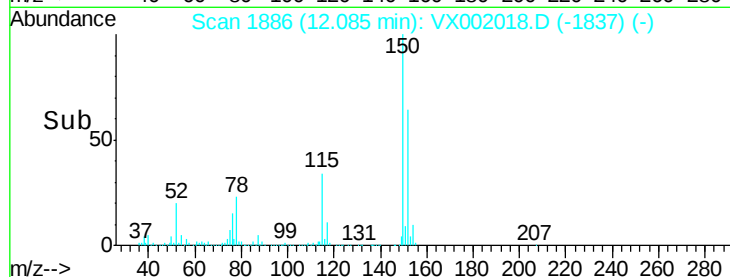
150 157.1 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 3.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002018.D

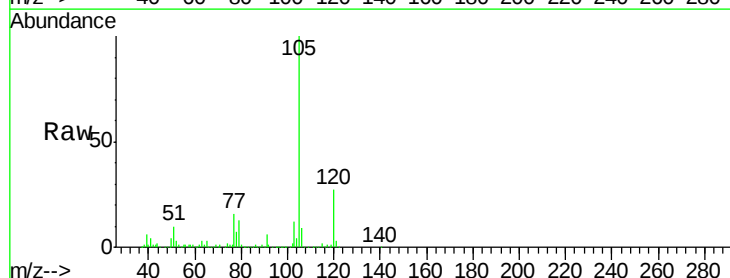
Acq: 26 May 2018 14:48

Tgt Ion:105 Resp: 73717

Ion Ratio Lower Upper

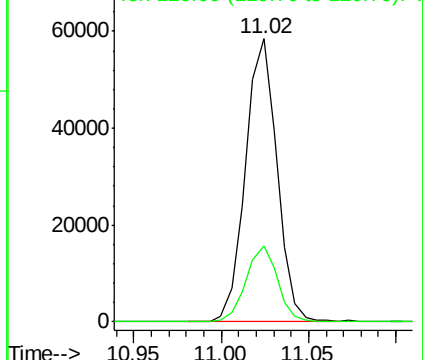
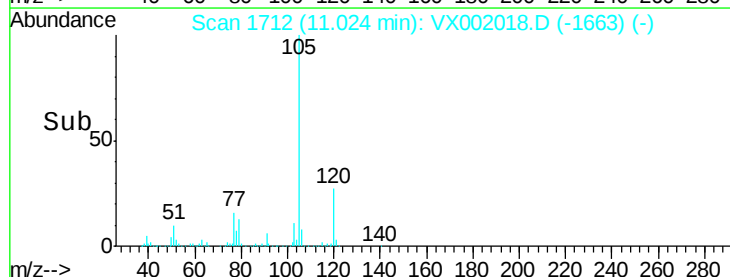
105 100

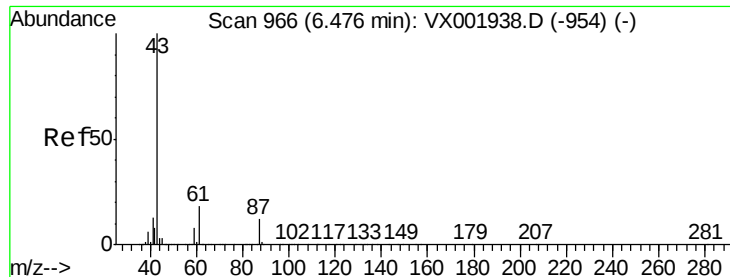
120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 6.45 min Scan# 961

Delta R.T. -0.03 min

Lab File: VX002018.D

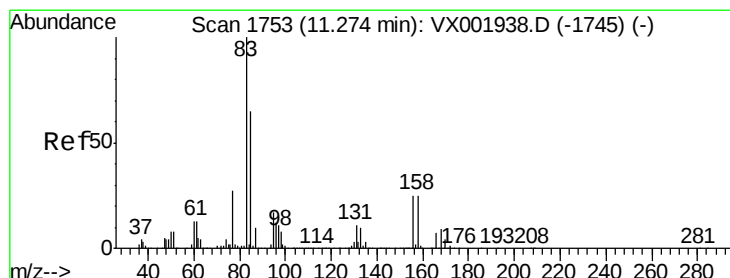
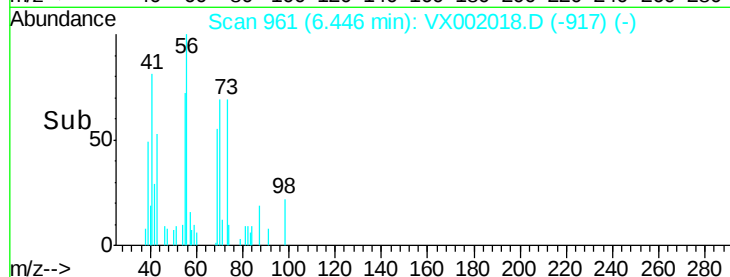
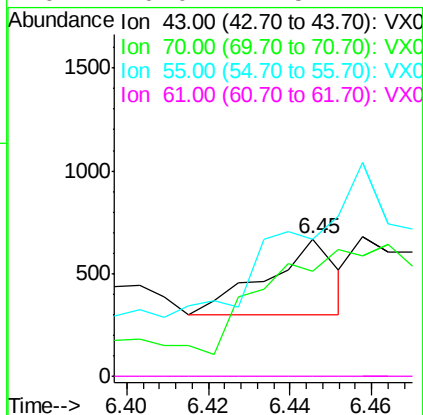
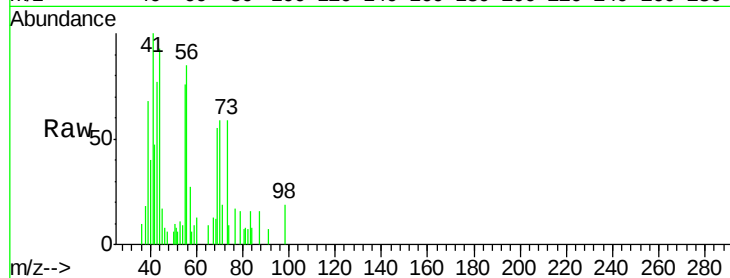
Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	43	Resp:	431
Ion	Ratio	Lower	Upper
43	100		
70	518.6	0.1	0.1#
55	428.1	0.1	0.1#
61	0.0	14.5	21.7#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

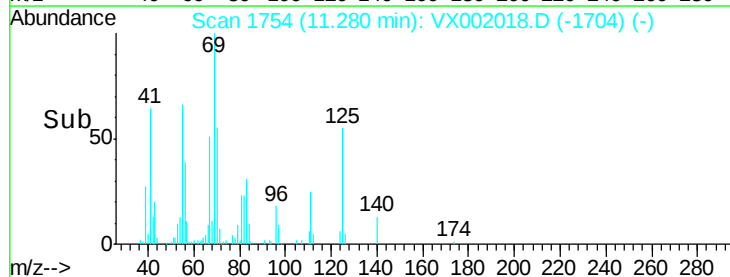
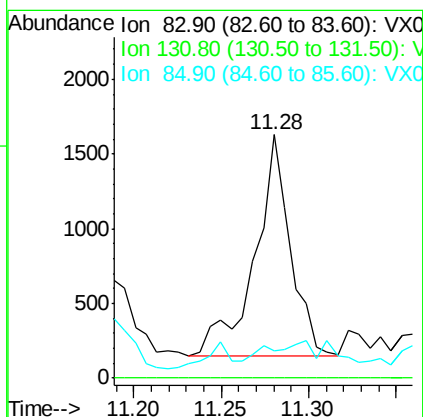
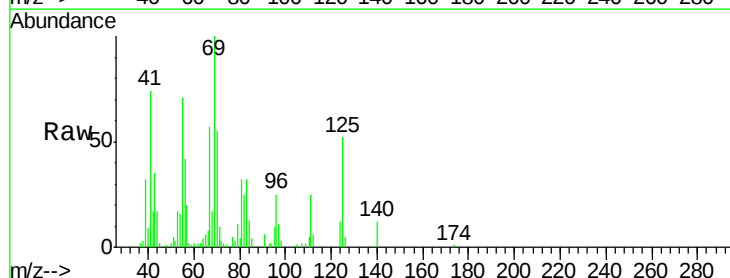
RT: 11.28 min Scan# 1754

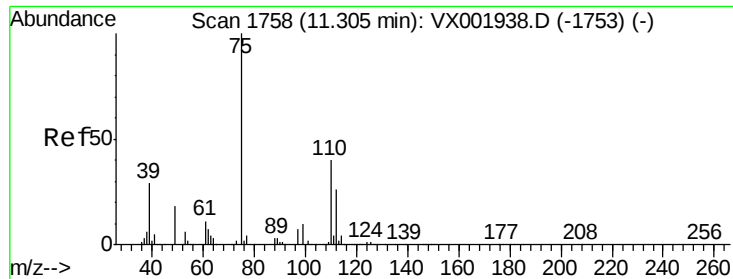
Delta R.T. 0.01 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Tgt Ion:	83	Resp:	2100
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	9.8	32.6	97.7#





#76

1,2,3-Trichloropropane

Concen: 27.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

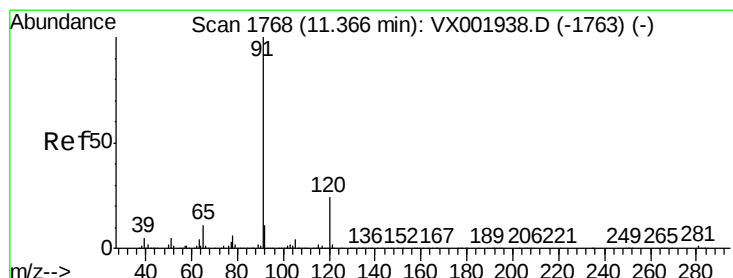
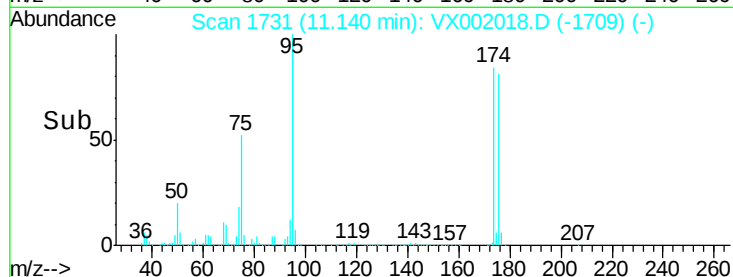
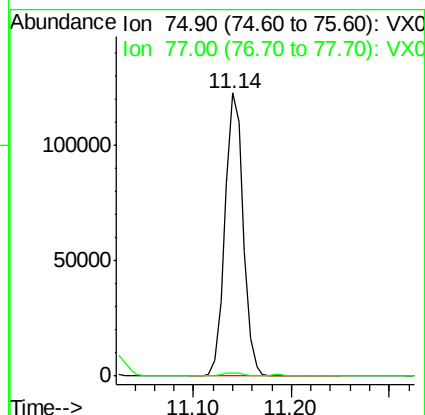
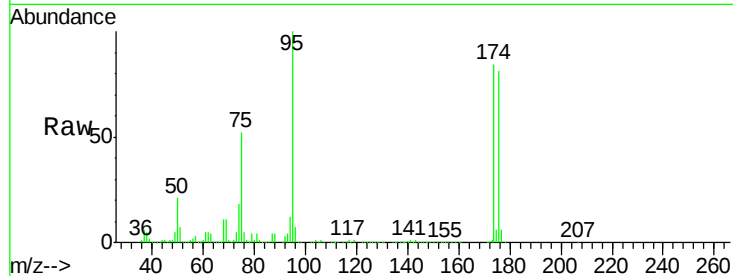
ClientSampleId :

Tot Ion: 75 Resp: 159068

Ion Ratio Lower Upper

75 100

77 1.2 22.8 68.3#



#78

n-propylbenzene

Concen: 4.96 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002018.D

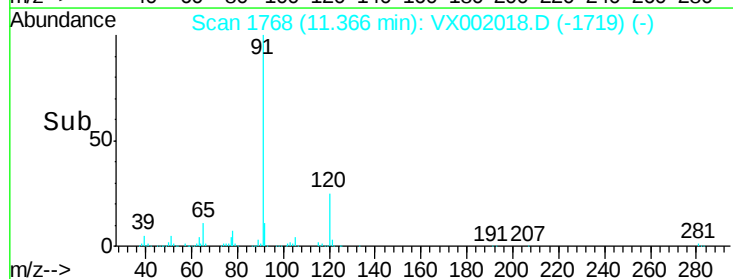
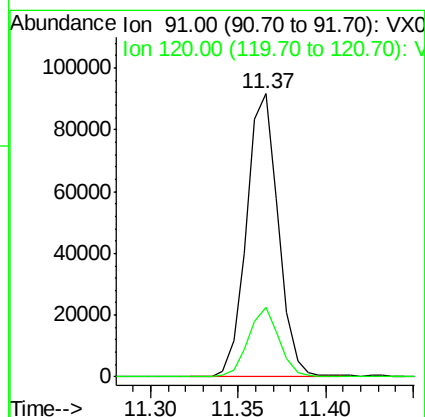
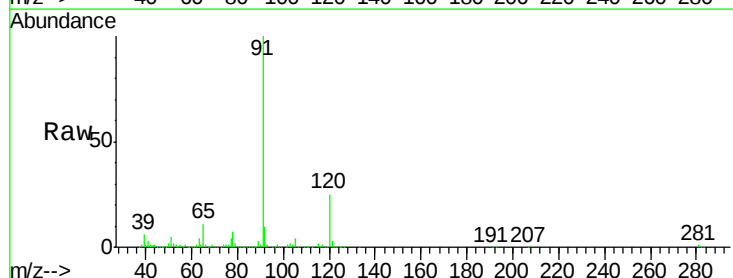
Acq: 26 May 2018 14:48

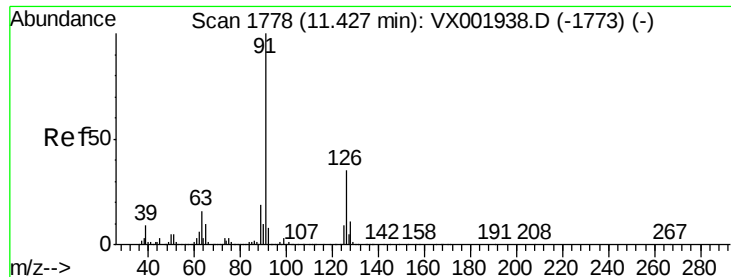
Tgt Ion: 91 Resp: 115245

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.7





#79

2-Chlorotoluene

Concen: 7.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

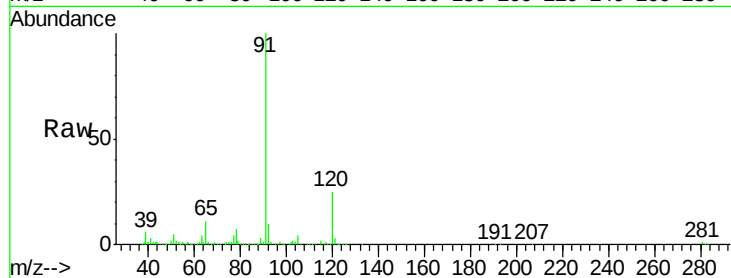
ClientSampled :

Tot Ion: 91 Resp: 115245

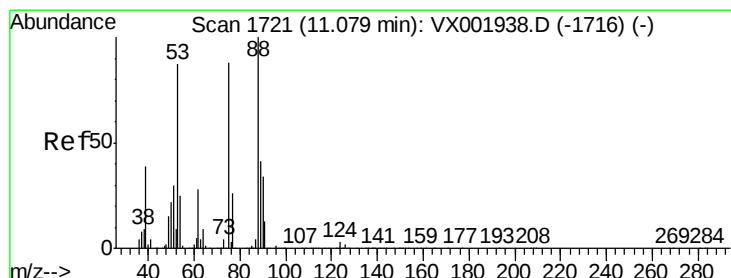
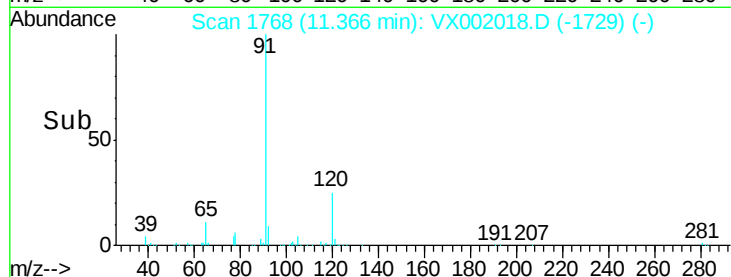
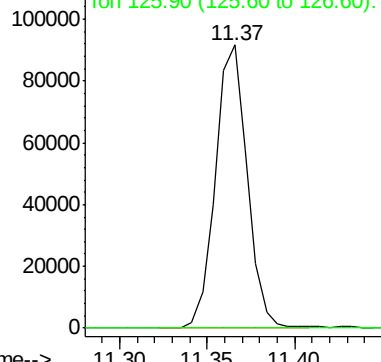
Ion Ratio Lower Upper

91 100

126 0.1 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 64.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

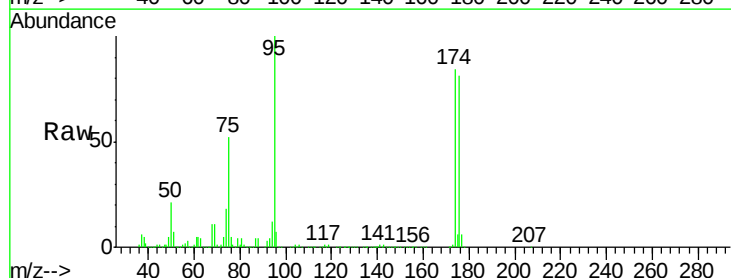
Tgt Ion: 75 Resp: 159068

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

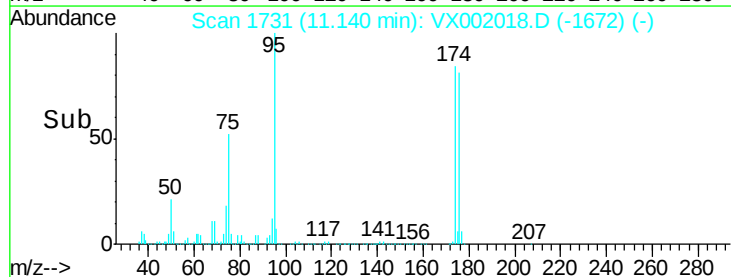
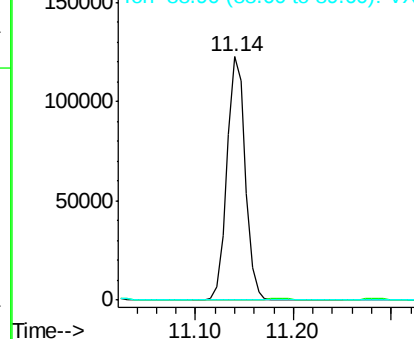
89 0.0 39.4 59.2#

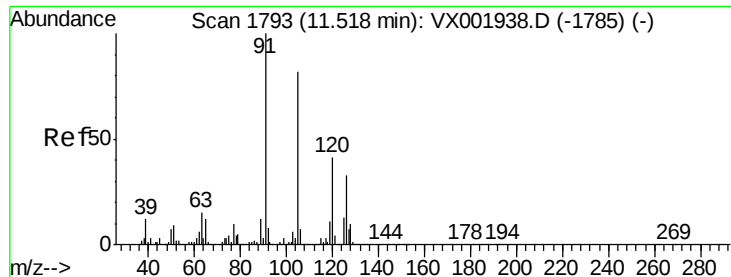


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 7.03 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

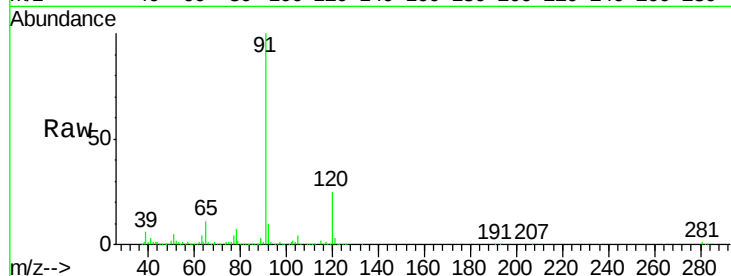
ClientSampled :

Tot Ion: 91 Resp: 115245

Ion Ratio Lower Upper

91 100

126 0.1 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.37

100000

80000

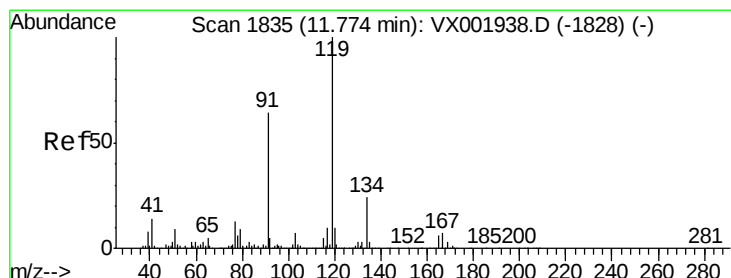
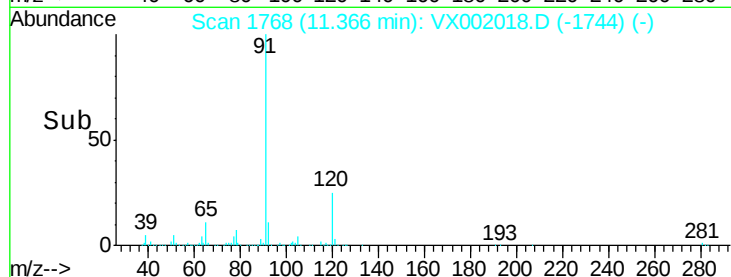
60000

40000

20000

0

Time-->



#83

tert-Butylbenzene

Concen: 1.22 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

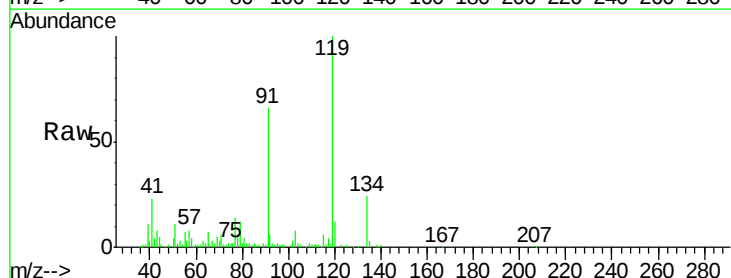
Tgt Ion: 119 Resp: 21241

Ion Ratio Lower Upper

119 100

91 68.3 30.6 91.8

134 25.1 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

11.77

20000

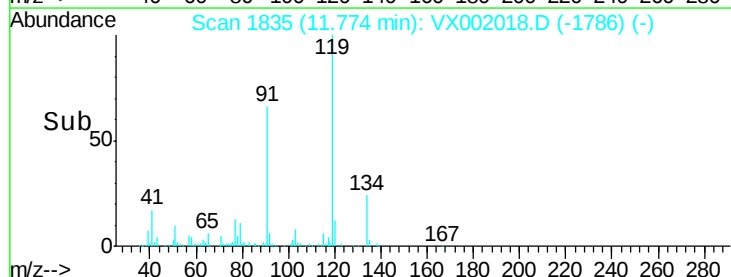
15000

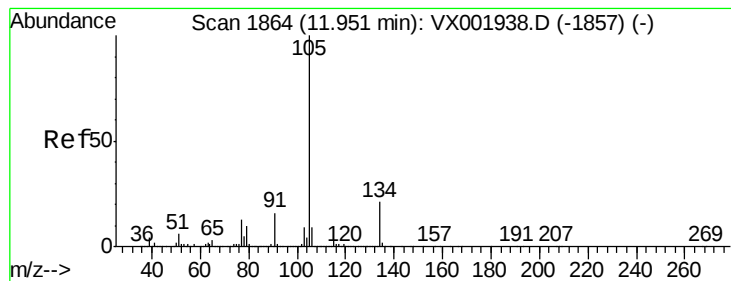
10000

5000

0

Time-->





#85

sec-Butylbenzene

Concen: 2.64 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

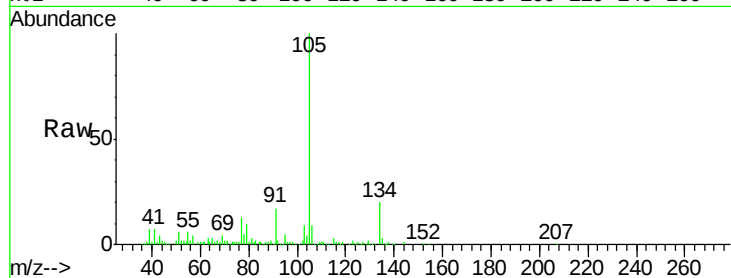
ClientSampled :

Tot Ion:105 Resp: 55327

Ion Ratio Lower Upper

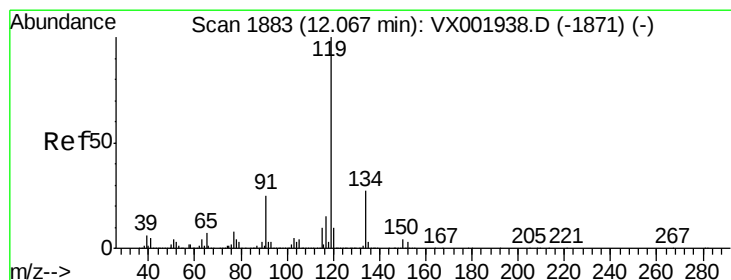
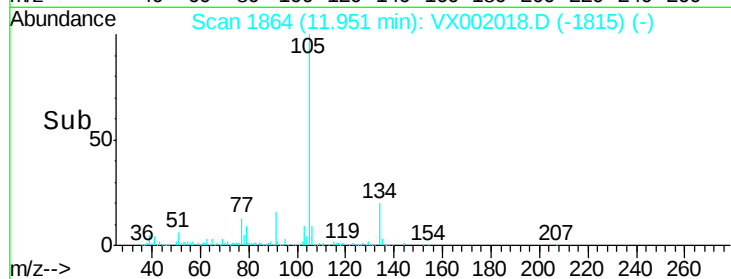
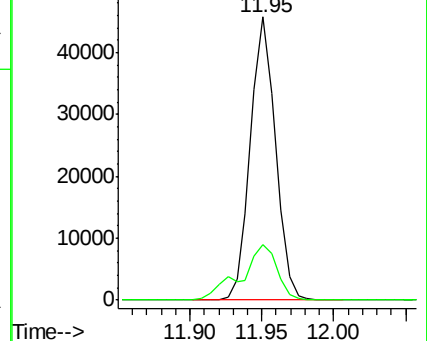
105 100

134 28.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.77 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

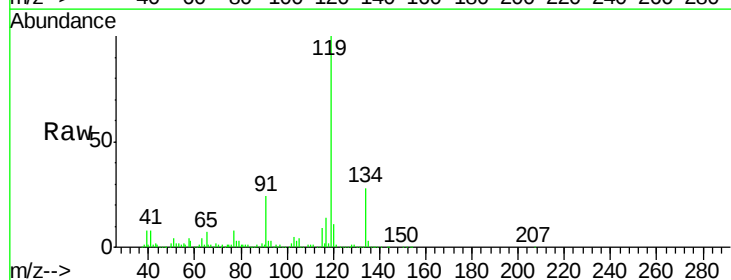
Tgt Ion:119 Resp: 70535

Ion Ratio Lower Upper

119 100

134 28.2 13.6 40.8

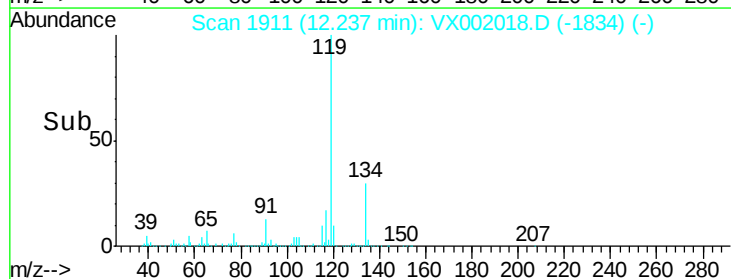
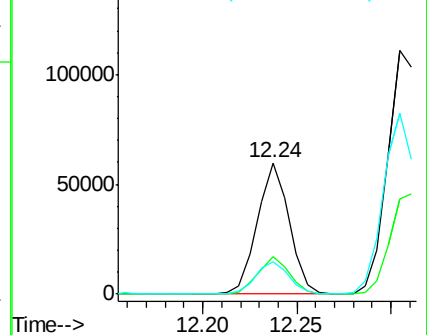
91 24.6 12.2 36.4

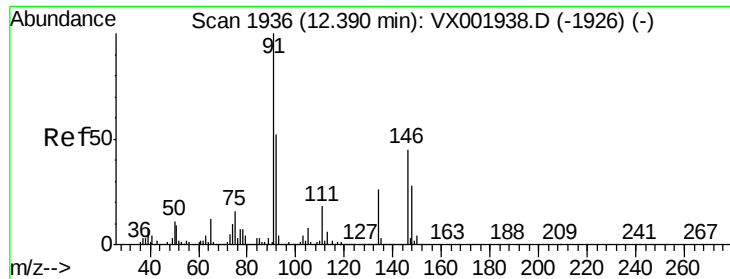


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.92 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

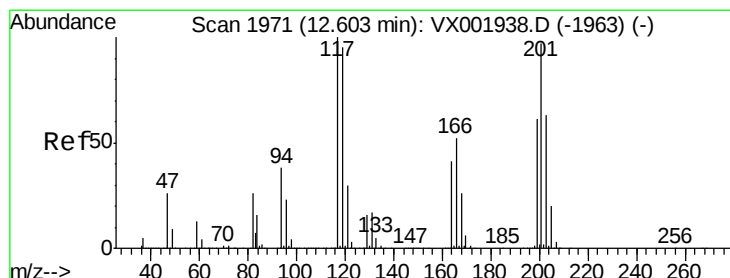
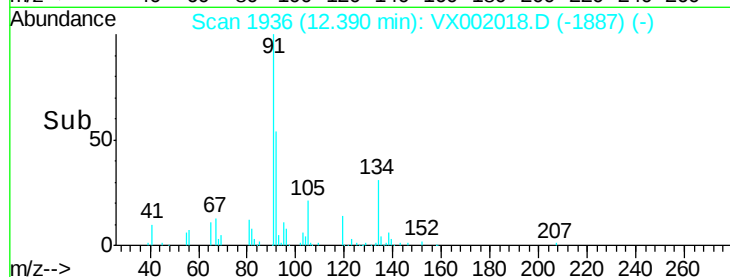
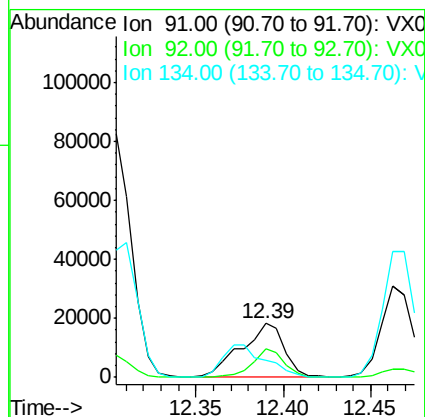
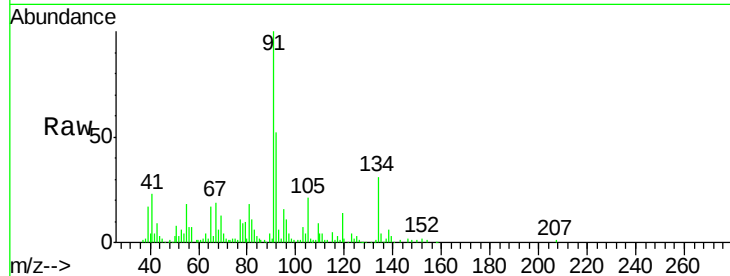
Tot Ion: 91 Resp: 30482

Ion Ratio Lower Upper

91 100

92 40.0 26.3 78.9

134 61.9 13.6 40.7#



#90

Hexachloroethane

Concen: 13.98 ug/l

RT: 12.68 min Scan# 1983

Delta R.T. 0.07 min

Lab File: VX002018.D

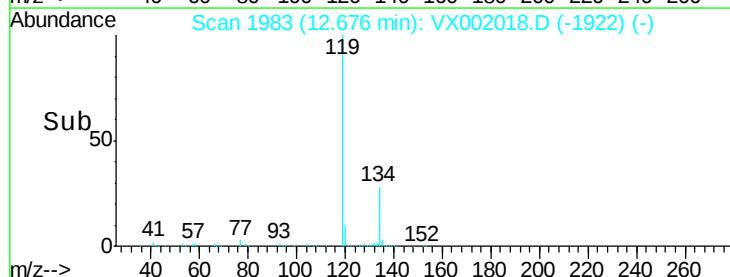
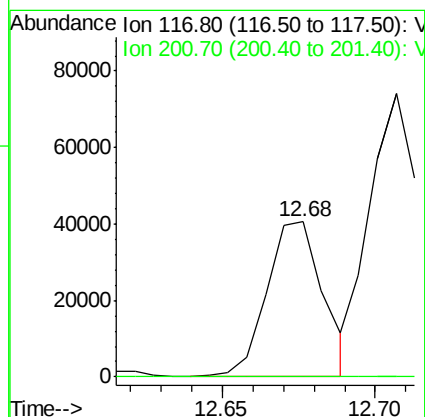
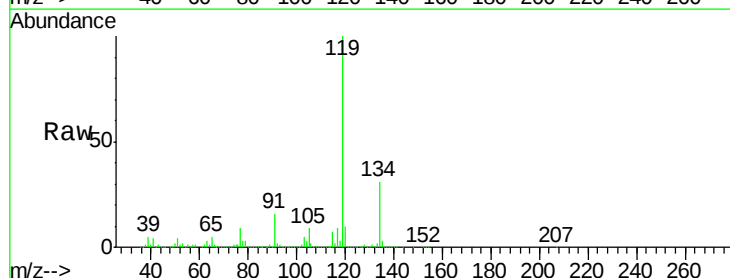
Acq: 26 May 2018 14:48

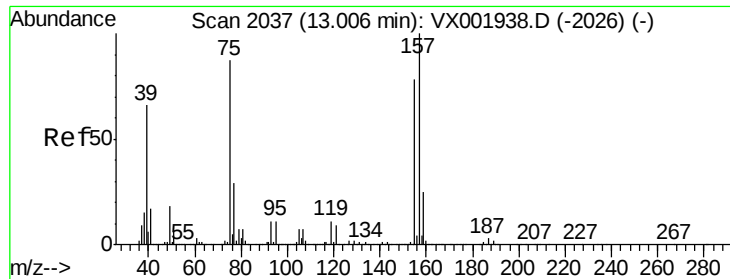
Tgt Ion: 117 Resp: 51629

Ion Ratio Lower Upper

117 100

201 0.0 48.0 144.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.21 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

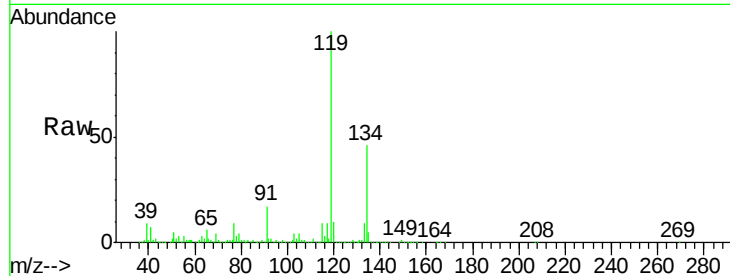
Tot Ion: 75 Resp: 4079

Ion Ratio Lower Upper

75 100

155 10.7 45.1 135.2#

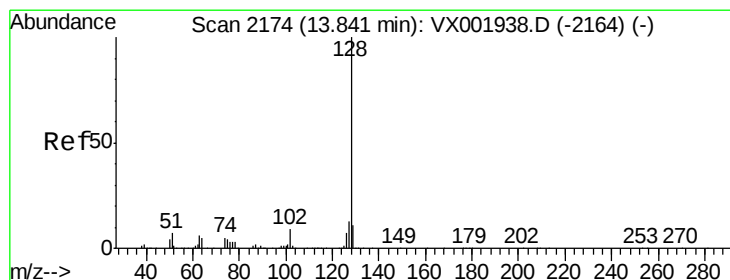
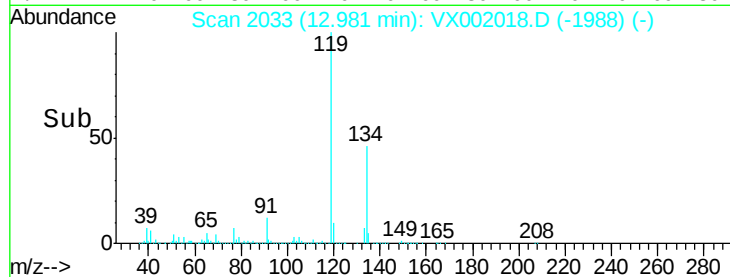
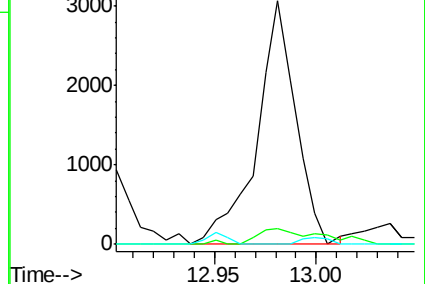
157 1.9 58.1 174.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 0.57 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX002018.D

Acq: 26 May 2018 14:48

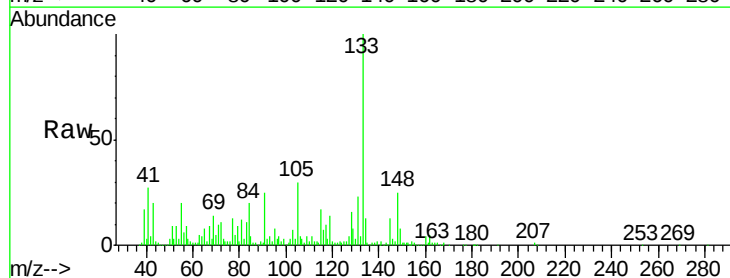
Tgt Ion: 128 Resp: 12527

Ion Ratio Lower Upper

128 100

127 21.2 10.4 15.6#

129 55.7 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

