

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX002013.D
 Acq On : 26 May 2018 08:08
 Operator : JC/MD
 Sample : J3064-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 23:20:01 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	267932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	421752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216796	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	261841	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
35) Dibromofluoromethane	5.51	113	205732	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	8.72	98	720910	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	275639	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	95	Below Cal	#	41
3) Chloromethane	1.33	50	7503	1.82	ug/l	# 59
5) Bromomethane	1.65	94	151	Below Cal	#	51
11) Tert butyl alcohol	3.08	59	7509	7.99	ug/l	# 94
13) Acrolein	2.33	56	474	1.17	ug/l	# 52
16) Acetone	2.45	43	11985	6.48	ug/l	97
17) Carbon Disulfide	2.58	76	2063	0.23	ug/l	# 88
18) Methyl Acetate	2.79	43	1224	Below Cal	#	21
19) Methyl tert-butyl Ether	3.21	73	8766	0.75	ug/l	93
20) Methylene Chloride	2.87	84	1091	Below Cal	#	61
21) trans-1,2-Dichloroethene	3.18	96	280	Below Cal	#	12
25) 2-Butanone	4.71	43	2489	0.73	ug/l	99
28) Bromochloromethane	5.02	49	26	Below Cal	#	14
31) Cyclohexane	5.58	56	2189	0.33	ug/l	# 90
36) 1,1-Dichloropropene	5.67	75	18399	3.14	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	24673	3.61	ug/l	# 15
39) Methylcyclohexane	7.47	83	6064	0.84	ug/l	95
41) Methacrylonitrile	5.06	41	168	Below Cal	#	13
51) 4-Methyl-2-Pentanone	8.66	43	4134	0.54	ug/l	# 86
55) 1,1,2-Trichloroethane	9.16	97	3238	0.71	ug/l	# 21
59) 2-Hexanone	9.32	43	16994	2.87	ug/l	80
73) Isopropylbenzene	11.02	105	93408	5.09	ug/l	100
74) N-amyl acetate	6.48	43	211	Below Cal	#	58
75) 1,1,2,2-Tetrachloroethane	11.28	83	1630	Below Cal	#	16
76) 1,2,3-Trichloropropane	11.14	75	141333	27.14	ug/l	# 33
78) n-propylbenzene	11.37	91	127345	6.19	ug/l	98
79) 2-Chlorotoluene	11.37	91	127345	9.42	ug/l	# 44
81) trans-1,4-Dichloro-2-buten	11.14	75	141333	65.23	ug/l	# 10
82) 4-Chlorotoluene	11.37	91	127345	8.78	ug/l	# 49
83) tert-Butylbenzene	11.77	119	15816	1.03	ug/l	90
84) 1,2,4-Trimethylbenzene	11.95	105	83624	5.16	ug/l	# 32
85) sec-Butylbenzene	11.95	105	83624	4.52	ug/l	81
86) p-Isopropyltoluene	12.24	119	43220	2.61	ug/l	98
89) n-Butylbenzene	12.39	91	9250	0.66	ug/l	# 58

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX002013.D
Acq On : 26 May 2018 08:08
Operator : JC/MD
Sample : J3064-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 27 23:20:01 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

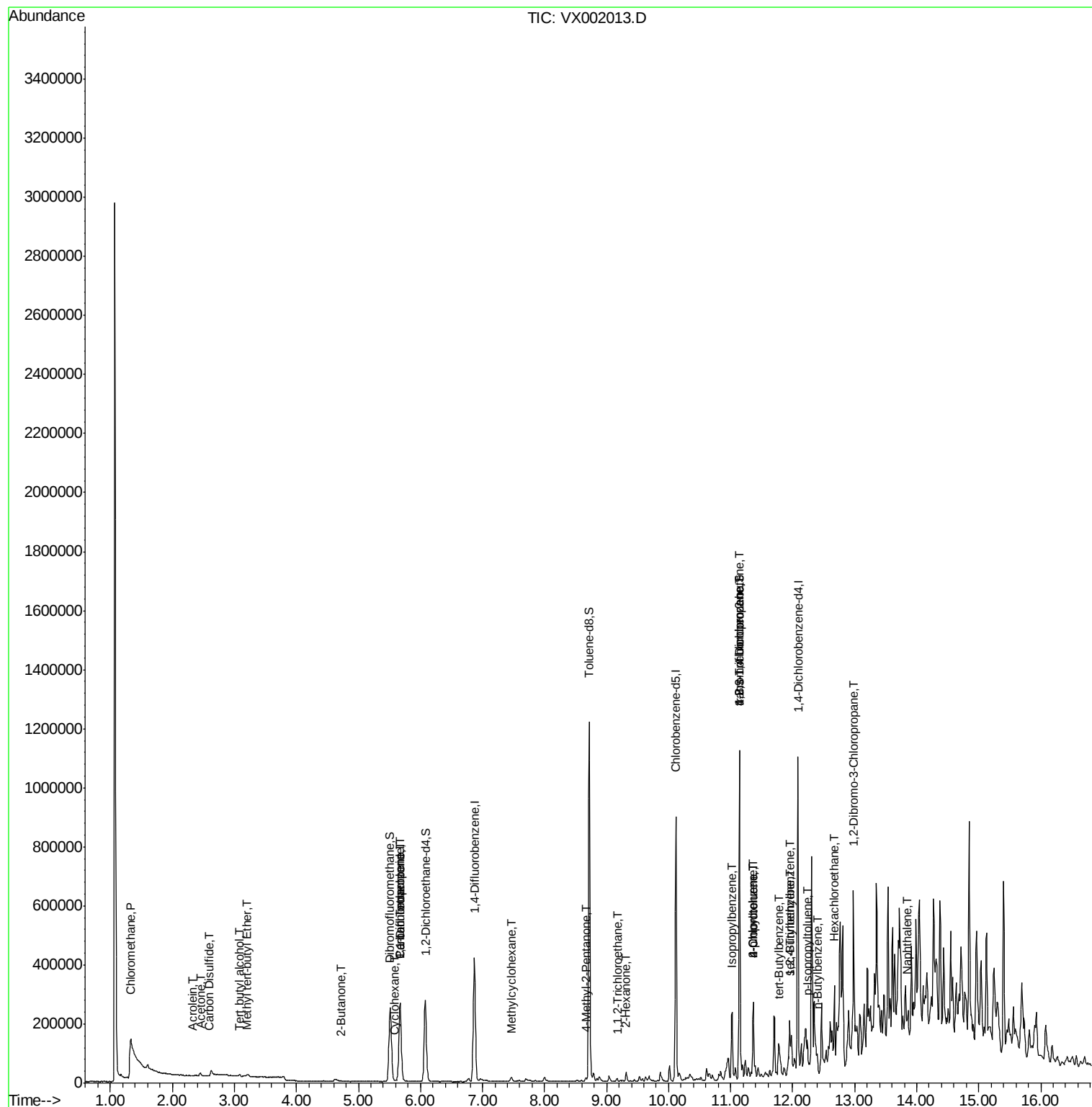
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.68	117	11323	3.47	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2195	1.34	ug/l #	5
95) Naphthalene	13.84	128	7229	0.37	ug/l #	69

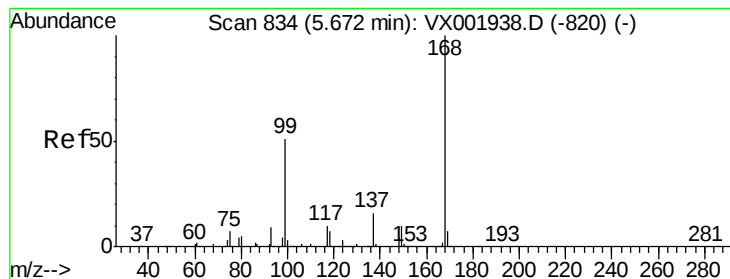
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX002013.D
Acq On : 26 May 2018 08:08
Operator : JC/MD
Sample : J3064-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 27 23:20:01 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

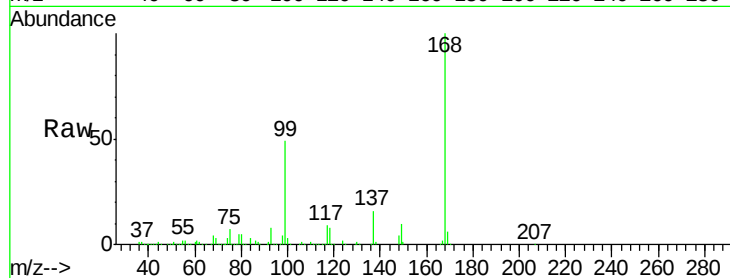
ClientSampleId :

Tot Ion:168 Resp: 267932

Ion Ratio Lower Upper

168 100

99 49.2 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

100000

80000

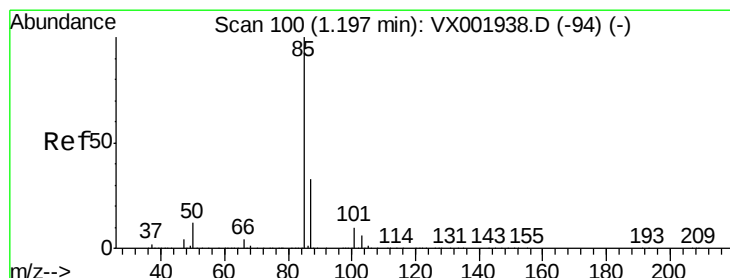
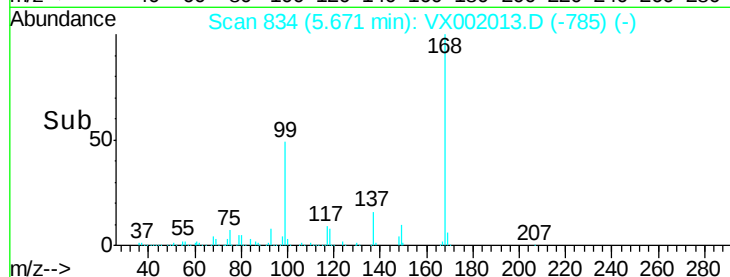
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002013.D

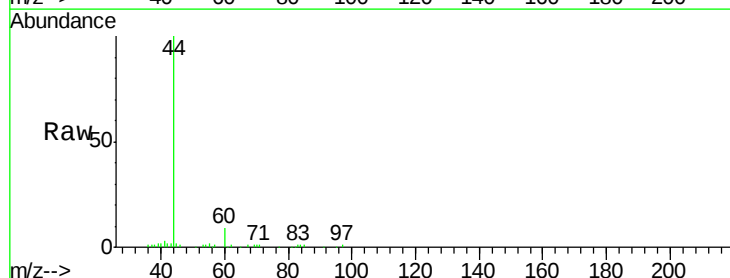
Acq: 26 May 2018 08:08

Tgt Ion: 85 Resp: 95

Ion Ratio Lower Upper

85 100

87 0.0 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

80

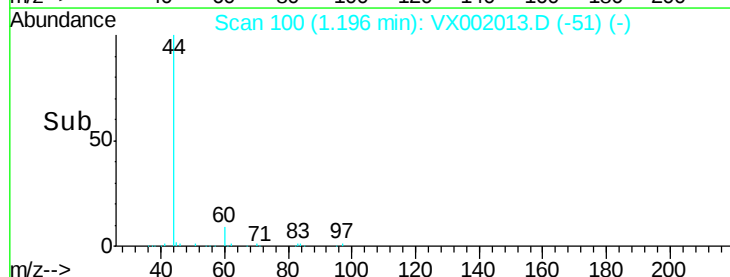
60

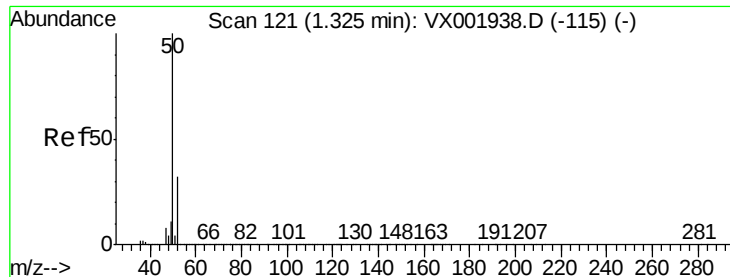
40

20

0

Time-->





#3

Chloromethane

Concen: 1.82 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

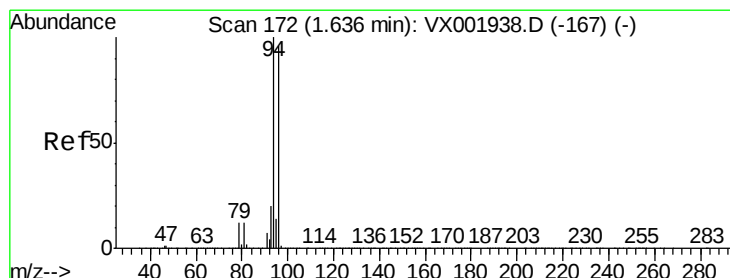
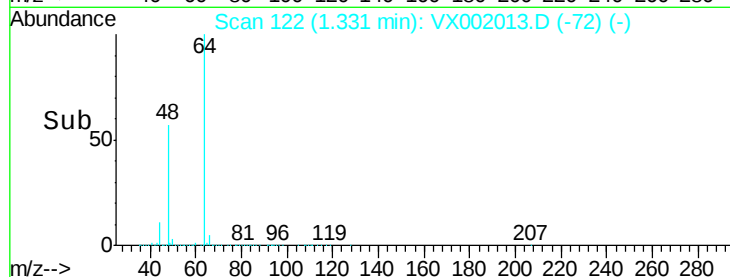
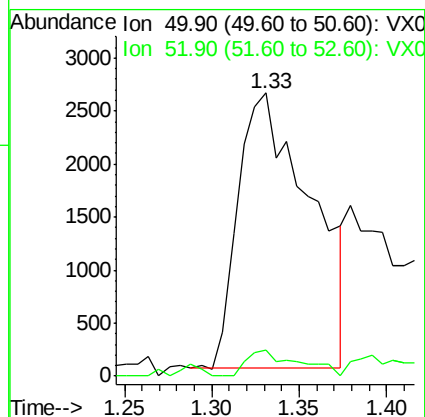
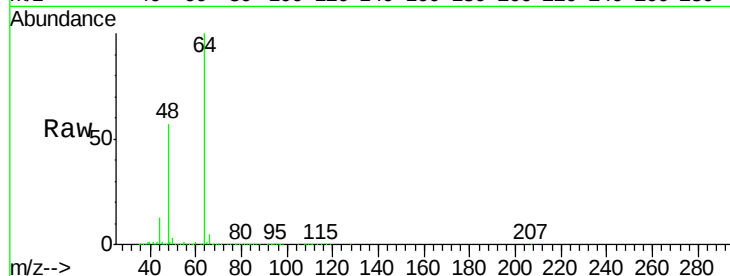
ClientSampleId :

Tot Ion: 50 Resp: 7503

Ion Ratio Lower Upper

50 100

52 9.3 26.0 39.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002013.D

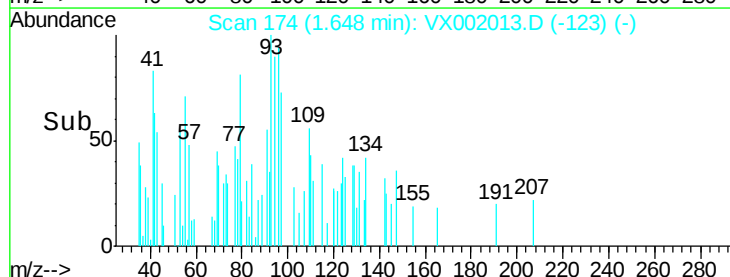
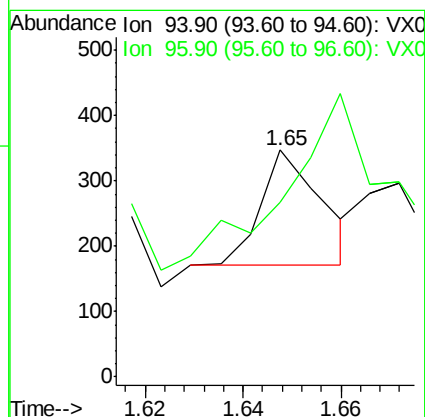
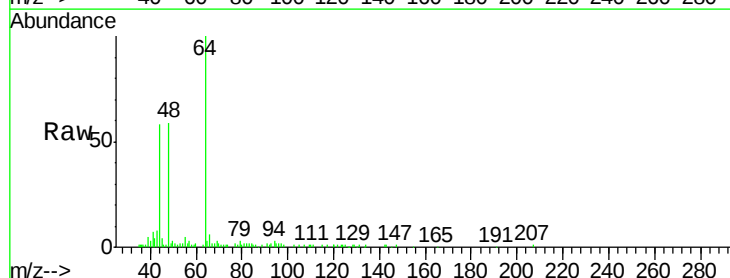
Acq: 26 May 2018 08:08

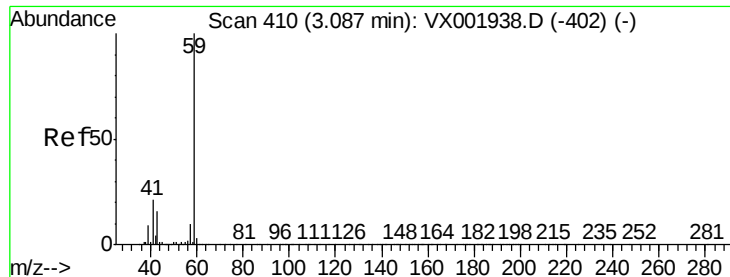
Tgt Ion: 94 Resp: 151

Ion Ratio Lower Upper

94 100

96 47.2 75.9 113.9#

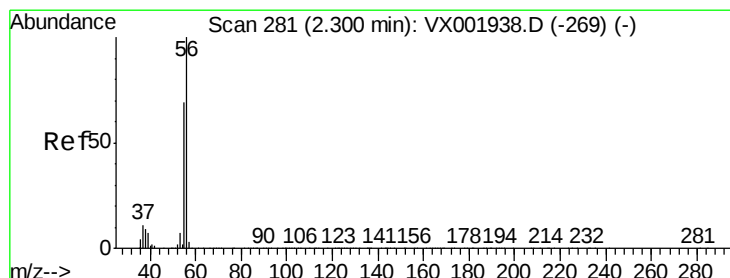
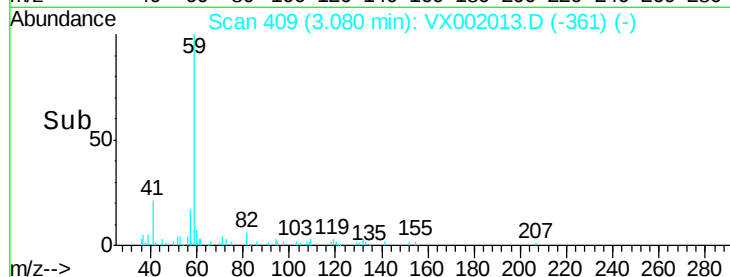
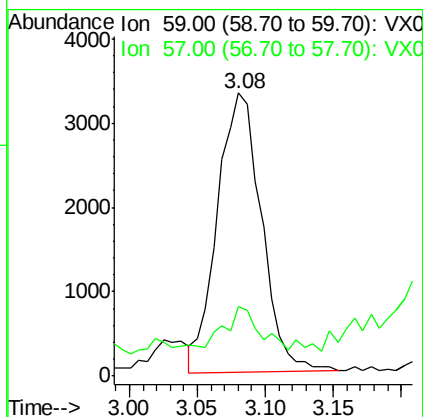
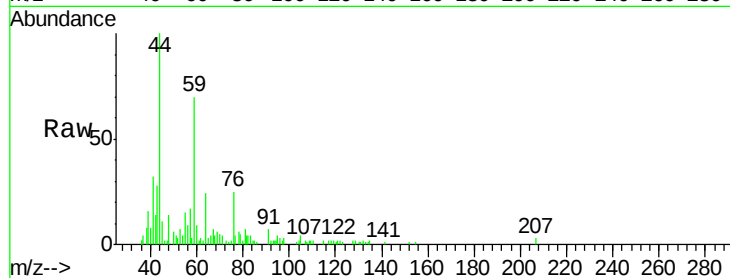




#11
Tert butvl alcohol
Concen: 7.99 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

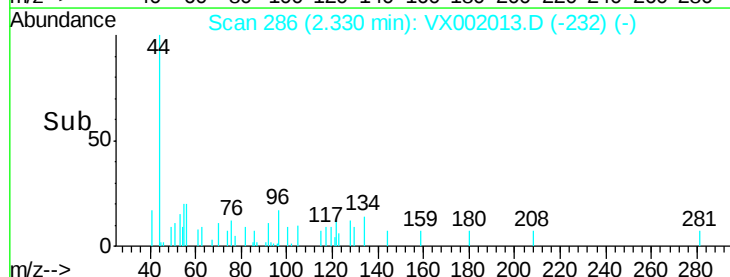
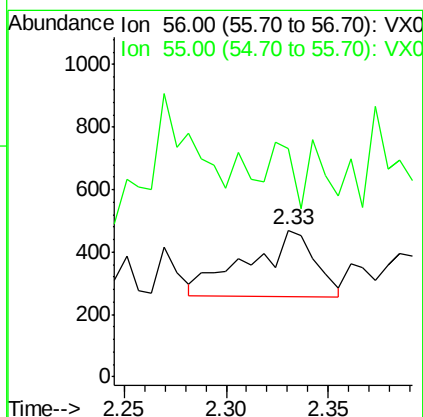
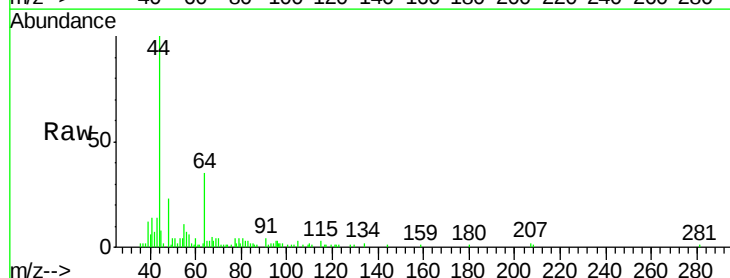
Instrument :
MSVOA_X
ClientSampleId :

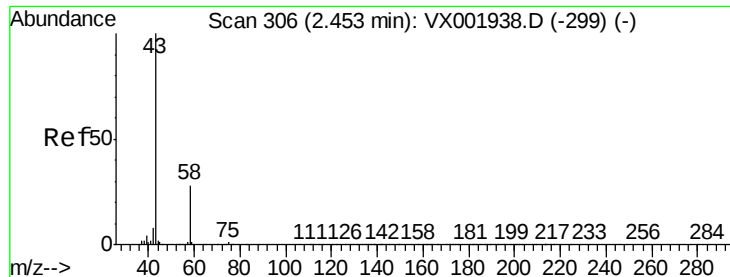
Tot Ion: 59 Resp: 7509
Ion Ratio Lower Upper
59 100
57 13.6 8.9 13.3#



#13
Acrolein
Concen: 1.17 ug/l
RT: 2.33 min Scan# 286
Delta R.T. 0.03 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion: 56 Resp: 474
Ion Ratio Lower Upper
56 100
55 31.4 56.8 85.2#





#16

Acetone

Concen: 6.48 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

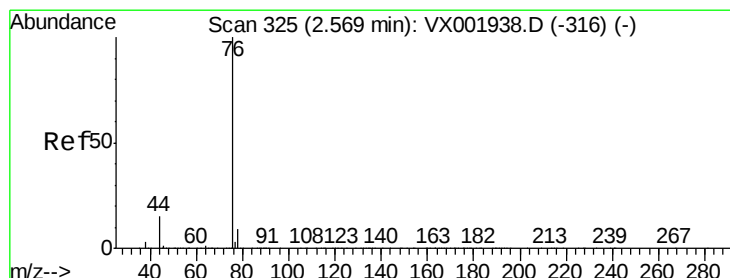
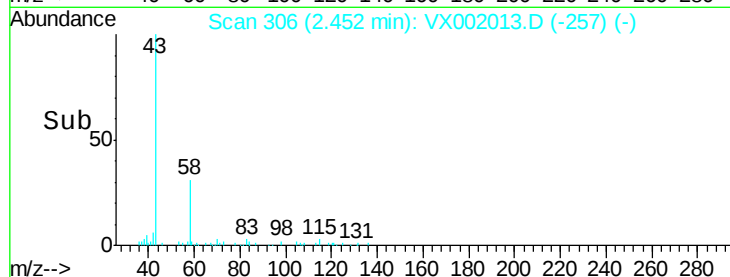
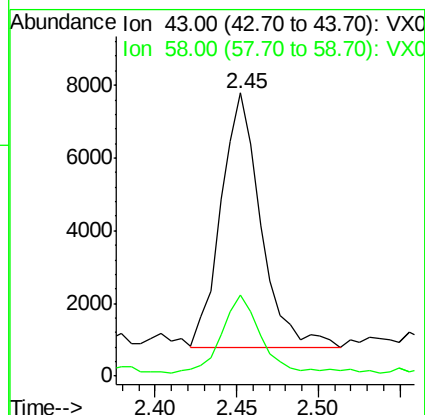
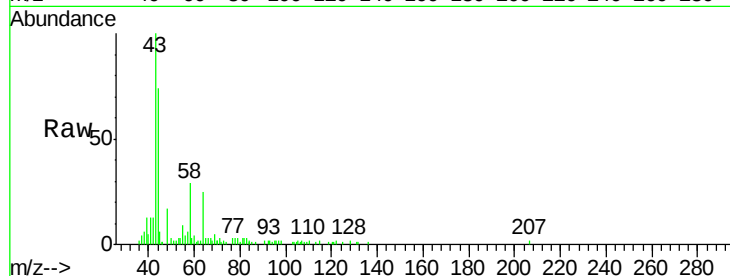
ClientSampleId :

Tot Ion: 43 Resp: 11985

Ion Ratio Lower Upper

43 100

58 29.7 22.3 33.5



#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX002013.D

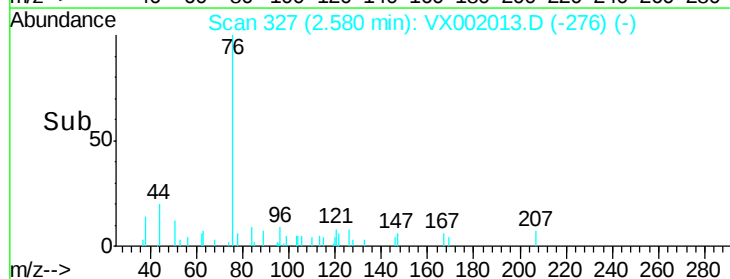
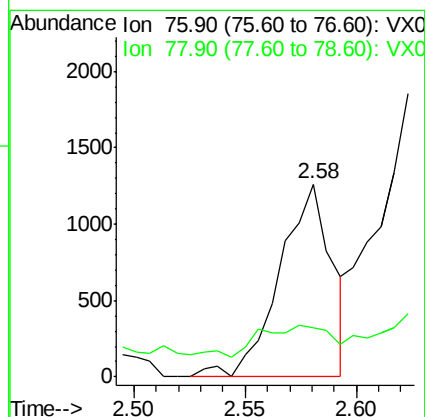
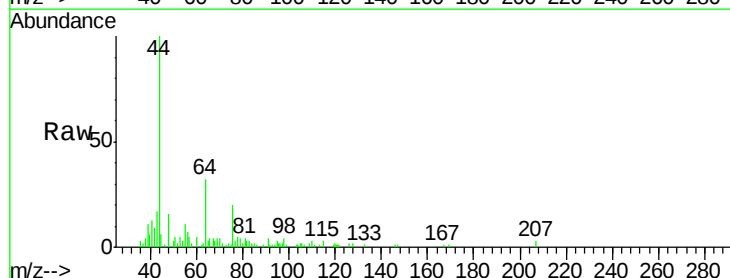
Acq: 26 May 2018 08:08

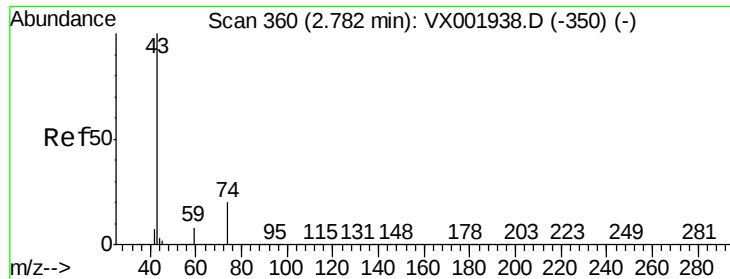
Tgt Ion: 76 Resp: 2063

Ion Ratio Lower Upper

76 100

78 13.8 7.4 11.2#

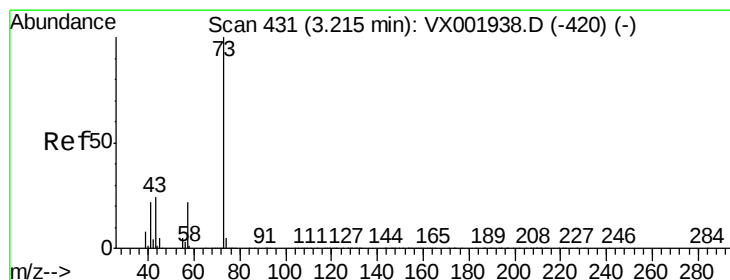
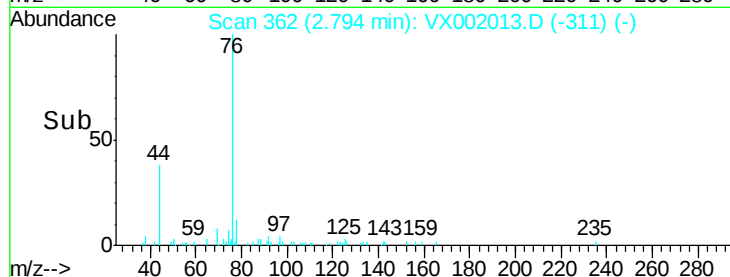
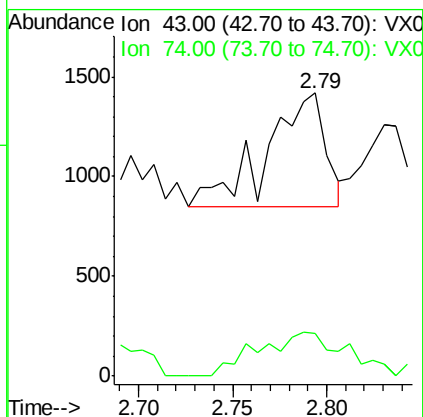
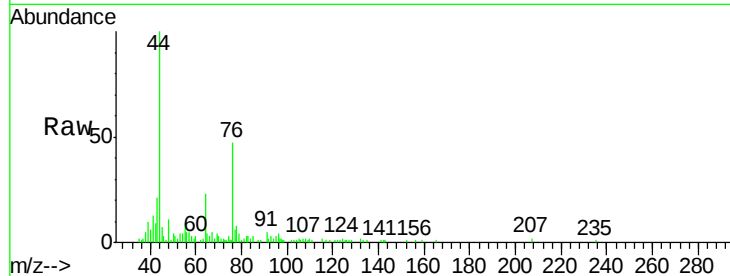




#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

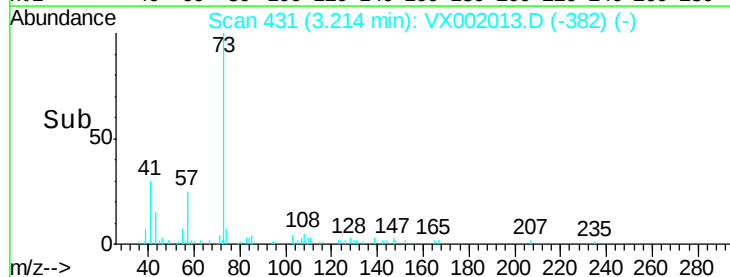
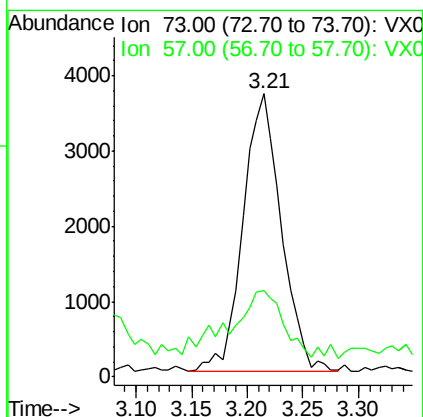
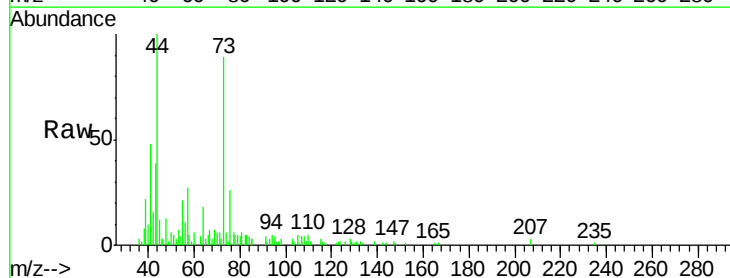
Instrument :
MSVOA_X
ClientSampleId :

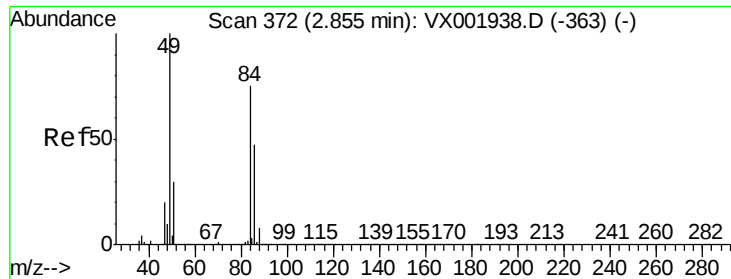
Tot Ion: 43 Resp: 1224
Ion Ratio Lower Upper
43 100
74 57.9 16.8 25.2#



#19
Methyl tert-butyl Ether
Concen: 0.75 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion: 73 Resp: 8766
Ion Ratio Lower Upper
73 100
57 24.9 17.4 26.0

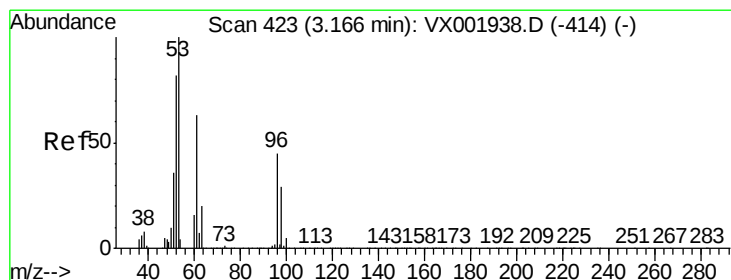
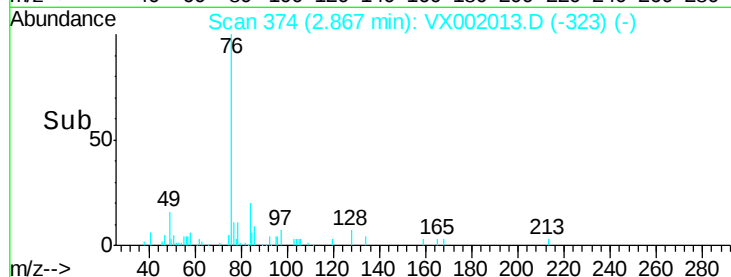
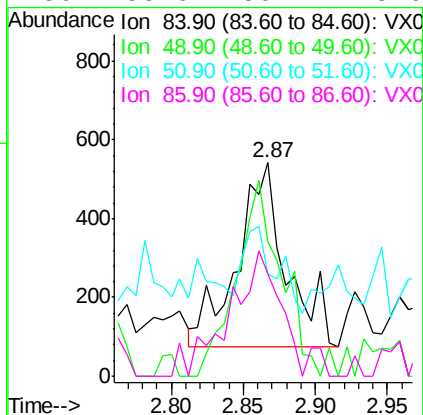
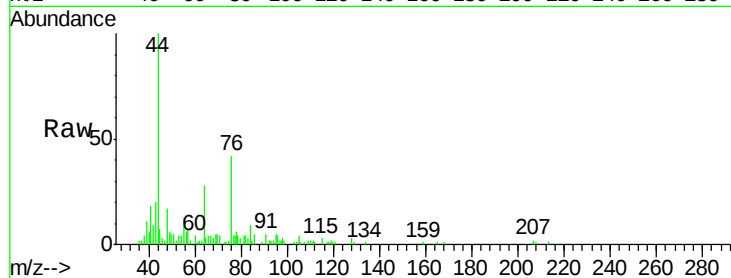




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

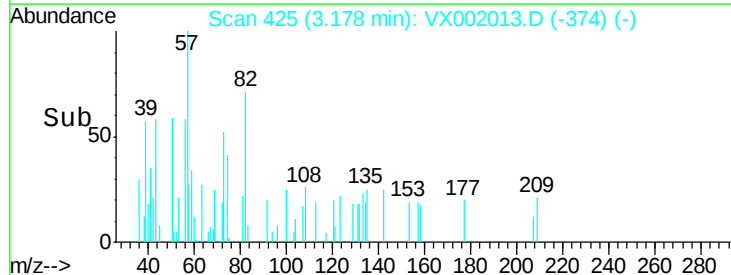
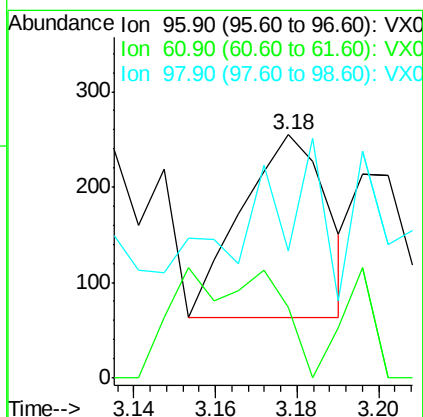
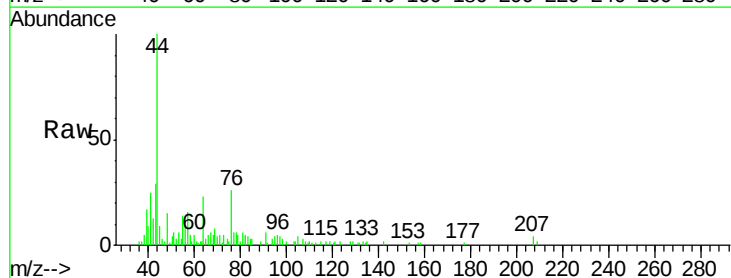
Instrument :
MSVOA_X
ClientSampleId :

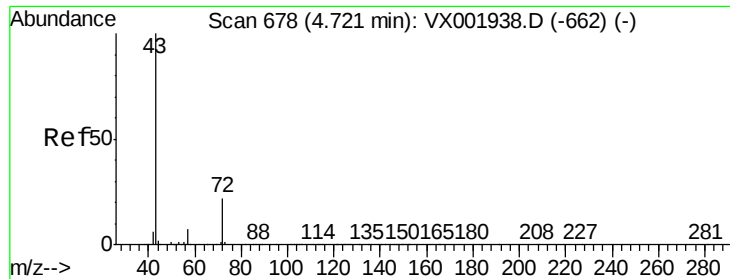
Tot Ion	84	Resp	1091
Ion Ratio	Lower	Upper	
84	100		
49	73.2	107.2	160.8#
51	13.1	32.4	48.6#
86	55.6	50.4	75.6



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.18 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion	96	Resp	280
Ion Ratio	Lower	Upper	
96	100		
61	11.5	113.3	169.9#
98	27.6	51.7	77.5#





#25

2-Butanone

Concen: 0.73 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

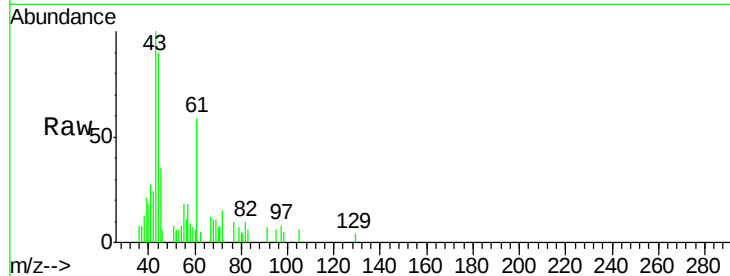
ClientSampled :

Tot Ion: 43 Resp: 2489

Ion Ratio Lower Upper

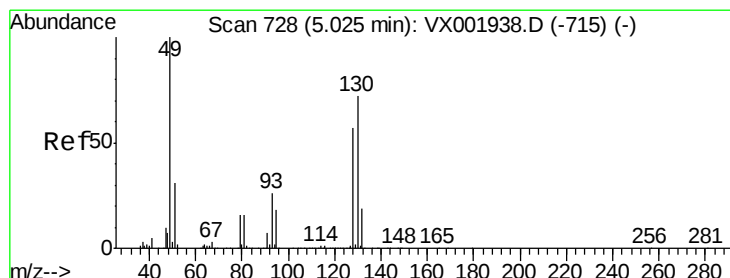
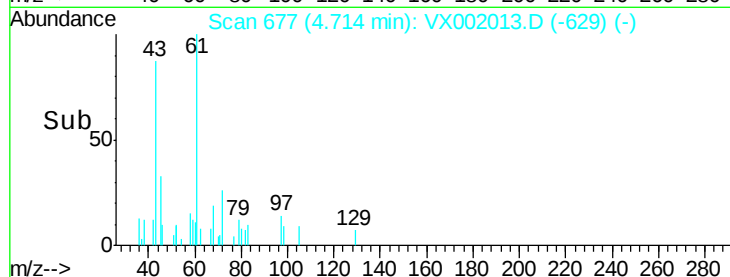
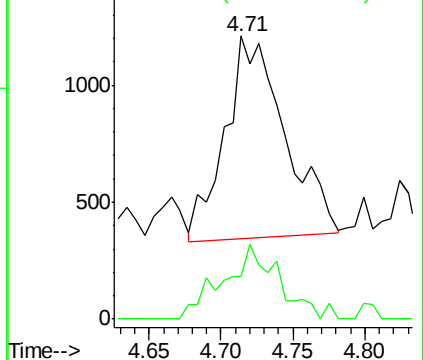
43 100

72 21.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

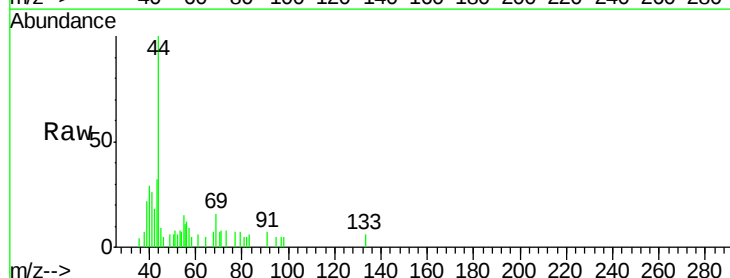
Tgt Ion: 49 Resp: 26

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

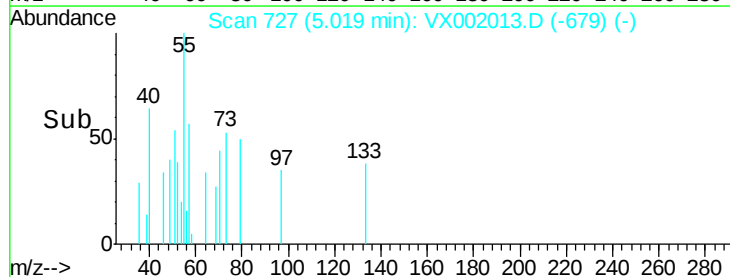
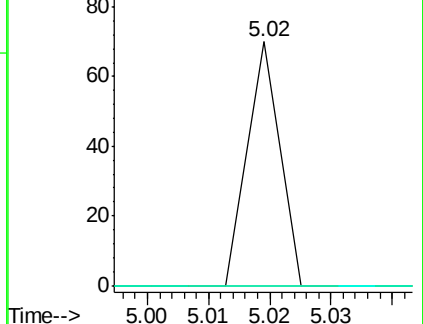
130 0.0 59.4 89.2#

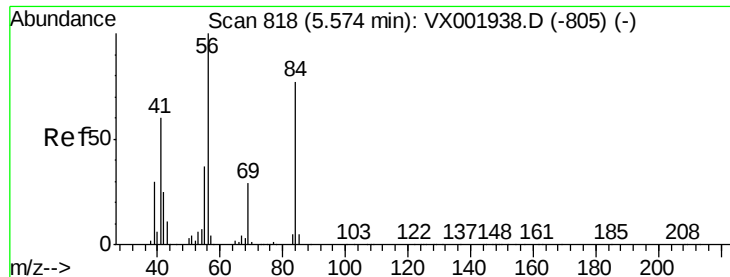


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

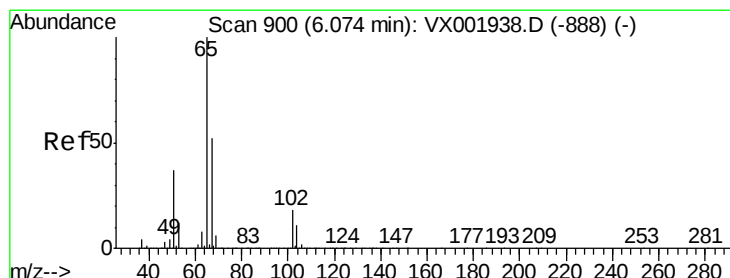
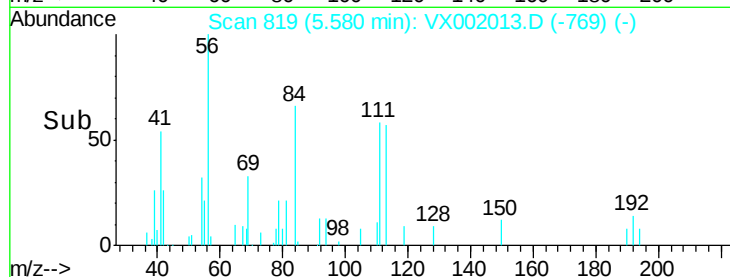
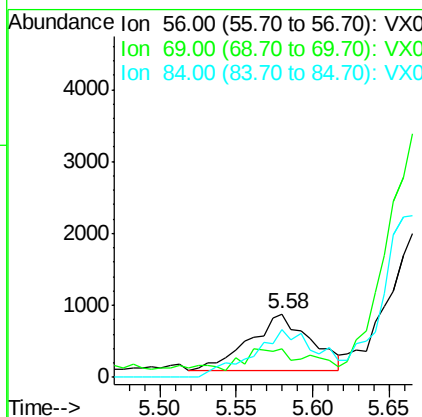
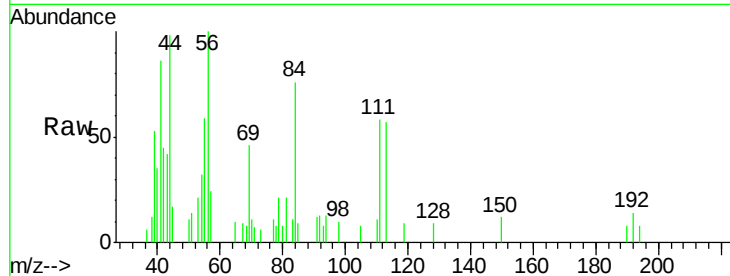




#31
Cyclohexane
Concen: 0.33 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

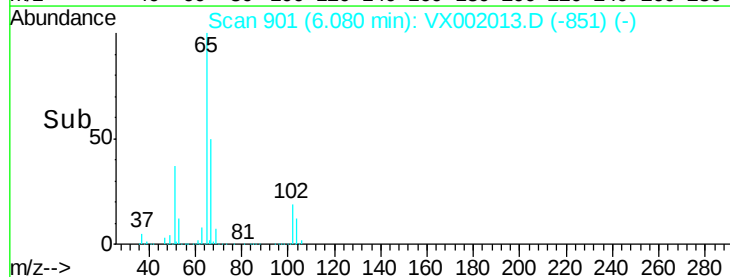
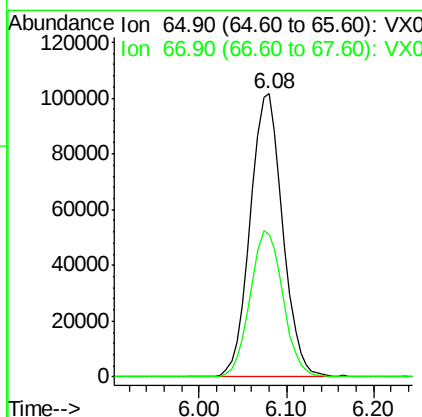
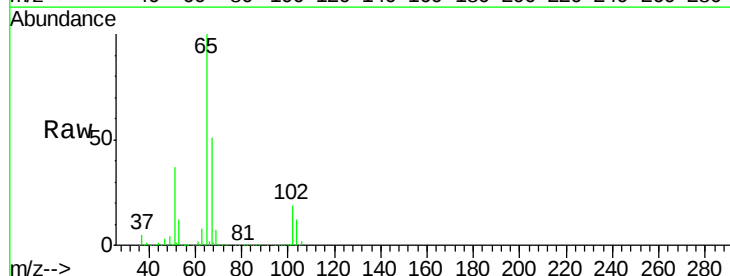
Instrument :
MSVOA_X
ClientSampleId :

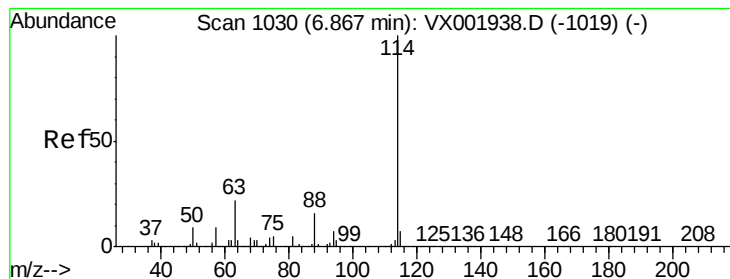
Tot Ion: 56 Resp: 2189
Ion Ratio Lower Upper
56 100
69 35.7 23.1 34.7#
84 85.2 62.0 93.0



#33
1,2-Dichloroethane-d4
Concen: 54.67 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion: 65 Resp: 261841
Ion Ratio Lower Upper
65 100
67 52.1 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: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

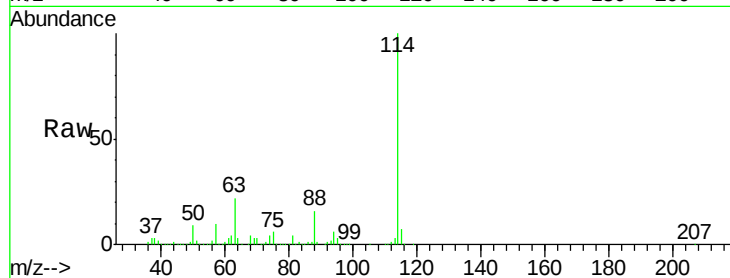
Tot Ion:114 Resp: 421752

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

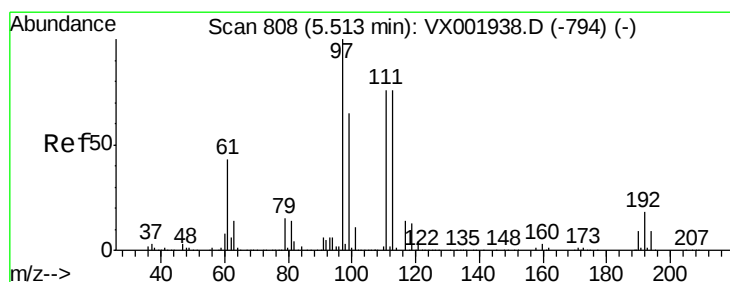
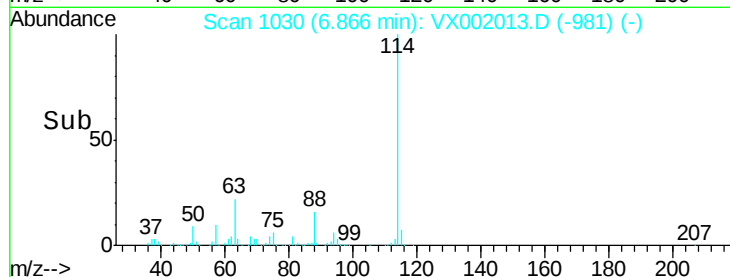
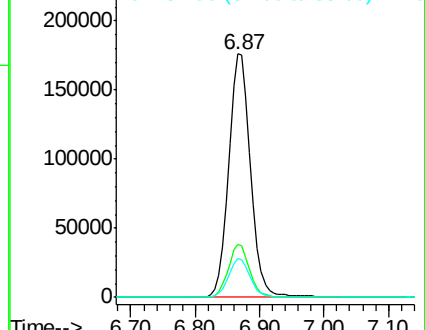
88 16.0 0.0 31.6



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: 48.78 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

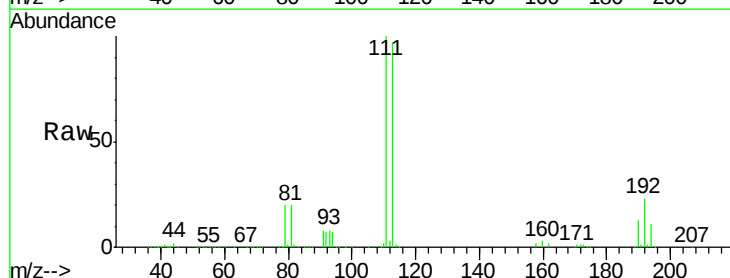
Tgt Ion:113 Resp: 205732

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

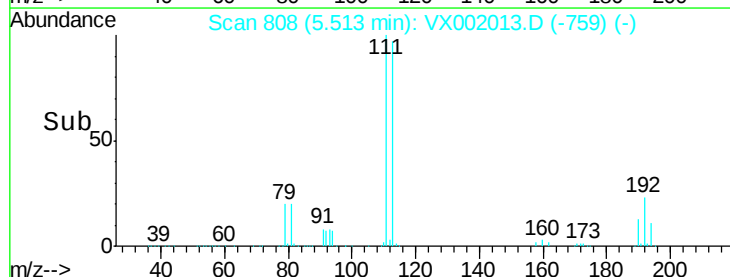
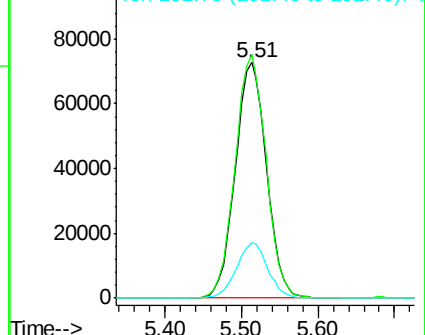
192 23.4 18.9 28.3

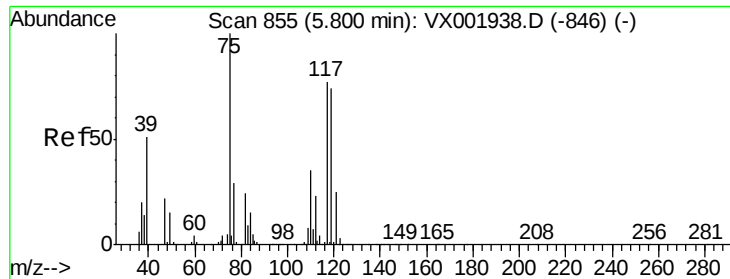


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

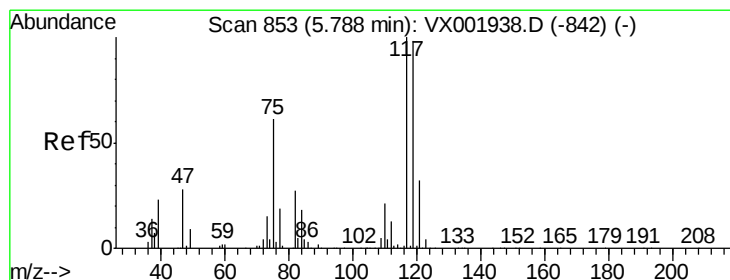
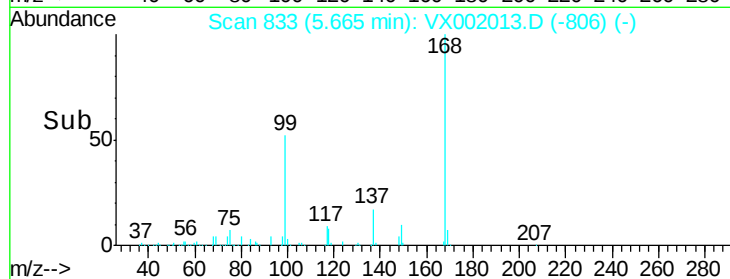
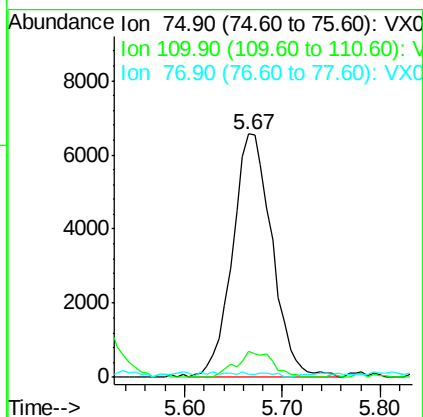
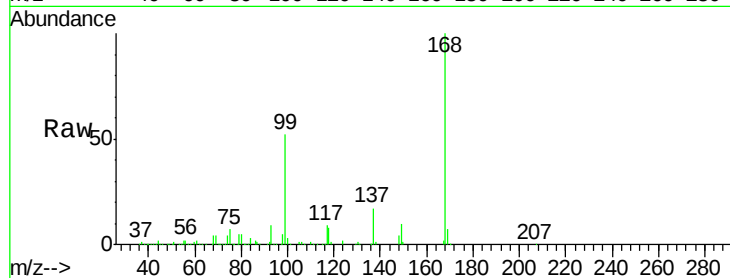




#36
 1,1-Dichloropropene
 Concen: 3.14 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

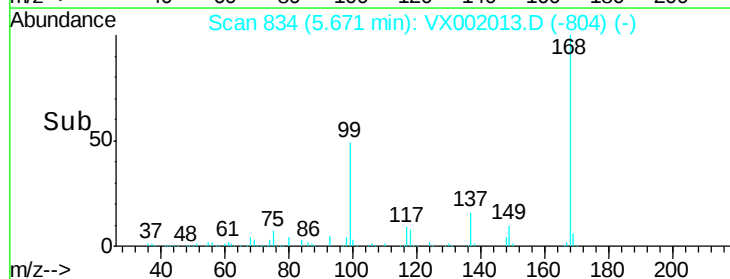
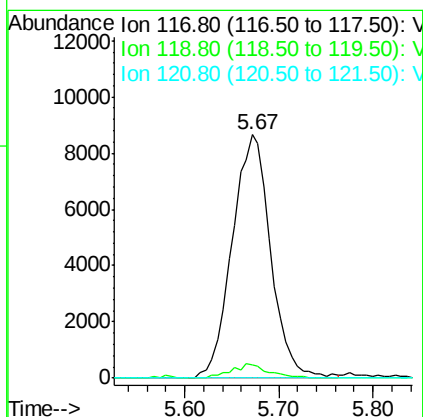
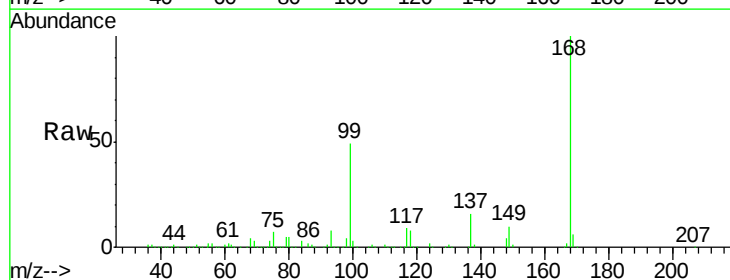
Instrument :
 MSVOA_X
 ClientSampleId :

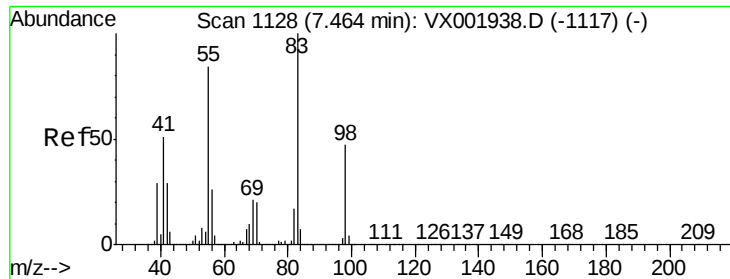
Tot Ion	75	110	77	Resp	Lower	Upper
18399	100	9.7	0.0		17.4	52.2#
					24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 3.61 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

Tgt Ion	117	119	121	Resp	Lower	Upper
24673	100	5.3	0.0		78.5	117.7#
					25.5	38.3#

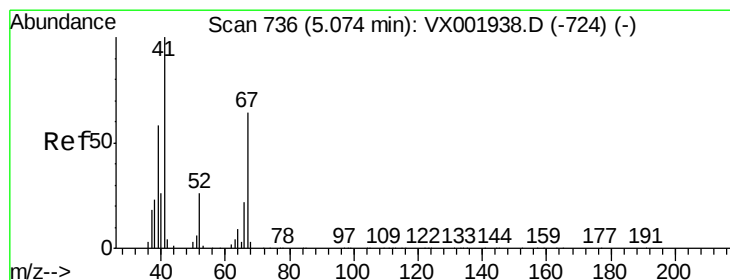
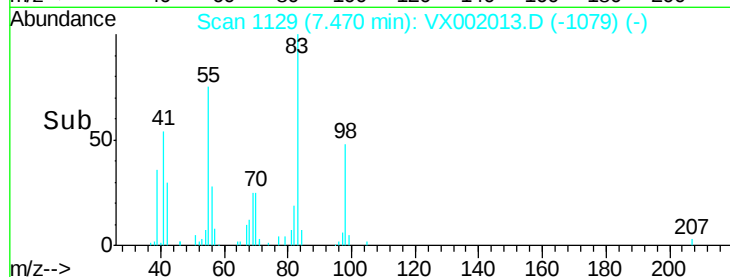
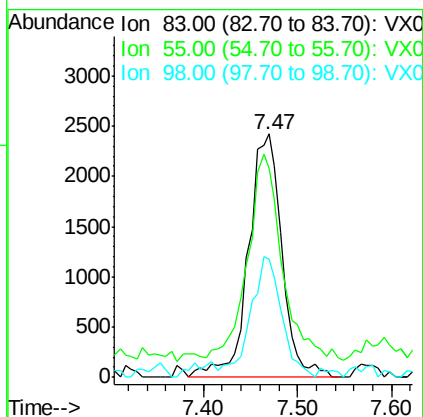
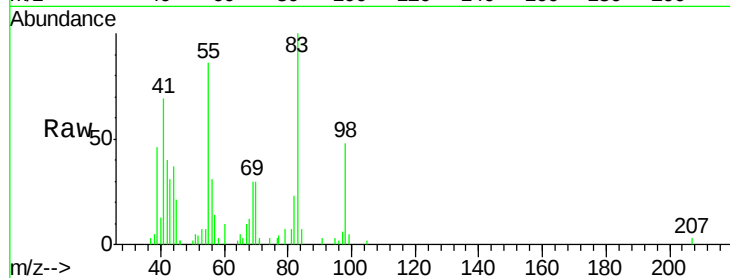




#39
Methvlcvclohexane
Concen: 0.84 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

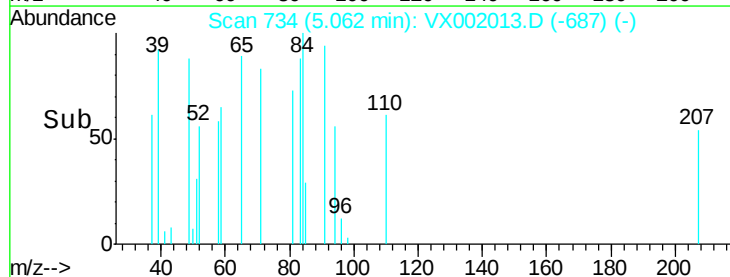
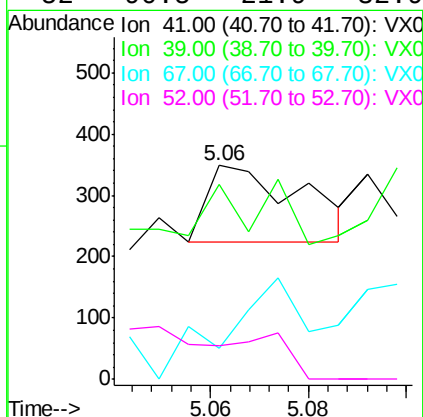
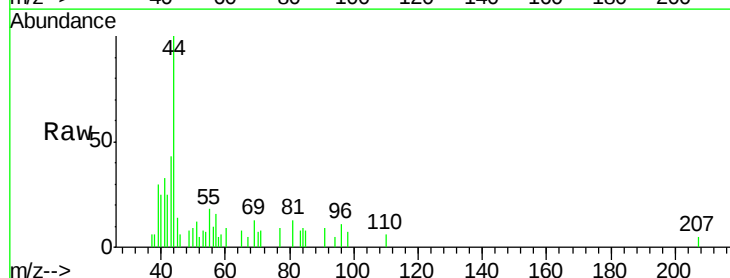
Instrument :
MSVOA_X
ClientSampleId :

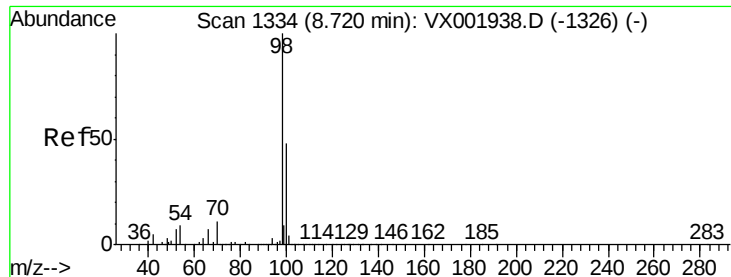
Tot Ion: 83 Resp: 6064
Ion Ratio Lower Upper
83 100
55 77.5 67.3 100.9
98 45.9 37.5 56.3



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion: 41 Resp: 168
Ion Ratio Lower Upper
41 100
39 0.0 46.0 69.0#
67 0.0 50.6 75.8#
52 90.5 21.9 32.9#





#50

Toluene-d8

Concen: 47.21 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

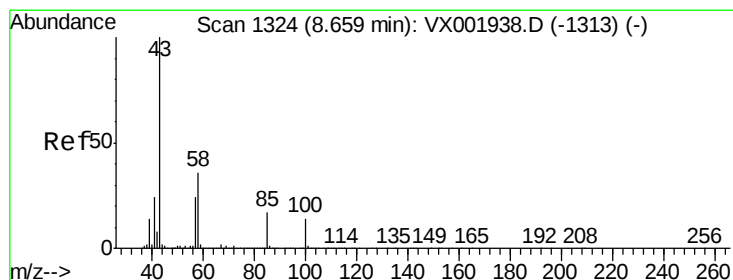
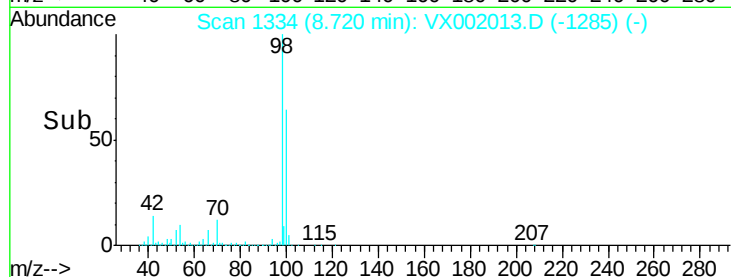
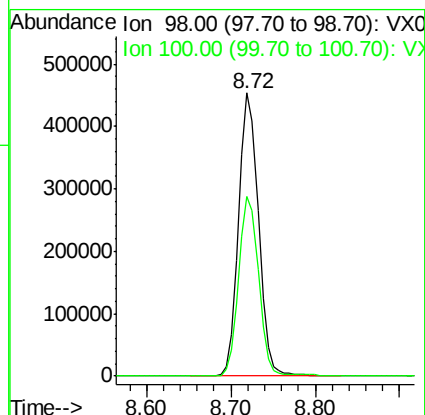
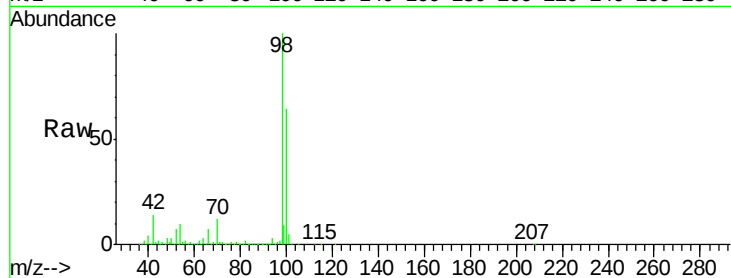
ClientSampled :

Tot Ion: 98 Resp: 720910

Ion Ratio Lower Upper

98 100

100 63.2 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.54 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX002013.D

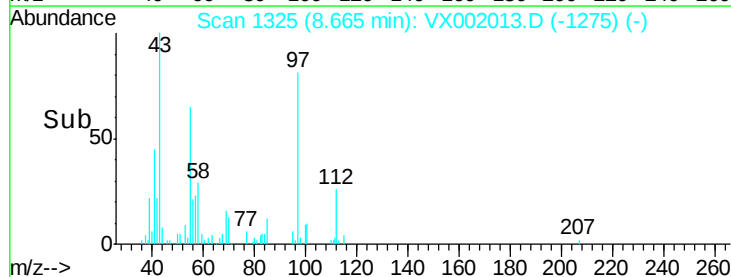
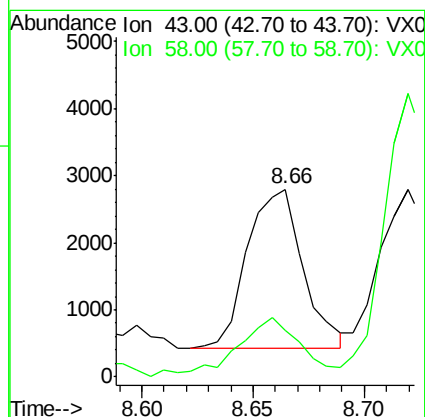
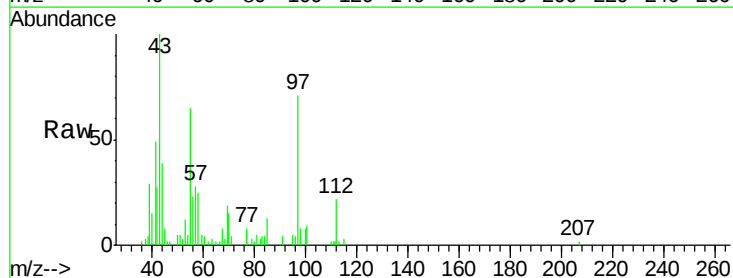
Acq: 26 May 2018 08:08

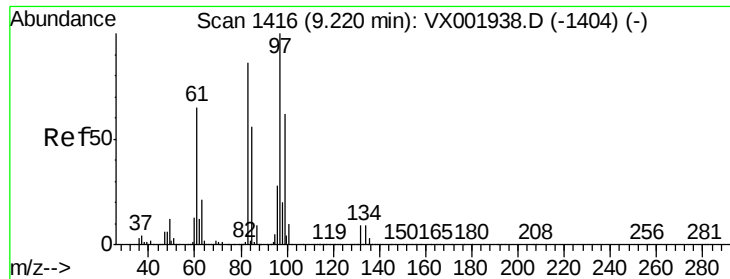
Tgt Ion: 43 Resp: 4134

Ion Ratio Lower Upper

43 100

58 43.6 28.5 42.7#





#55

1,1,2-Trichloroethane

Concen: 0.71 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 3238

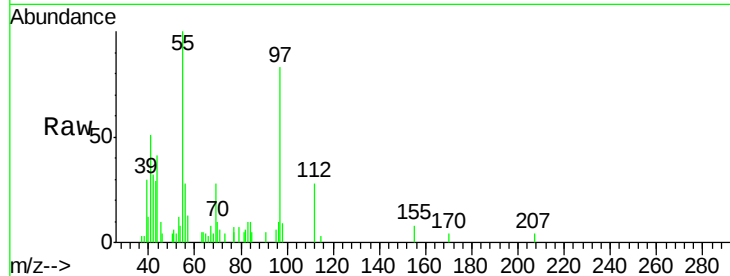
Ion Ratio Lower Upper

97 100

83 8.1 69.1 103.7#

85 6.2 45.2 67.8#

99 0.0 49.6 74.4#



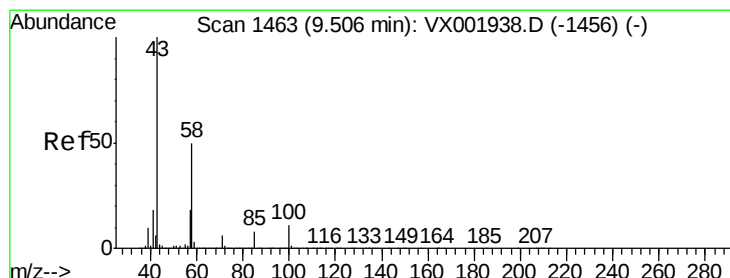
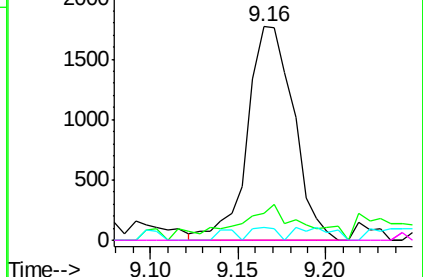
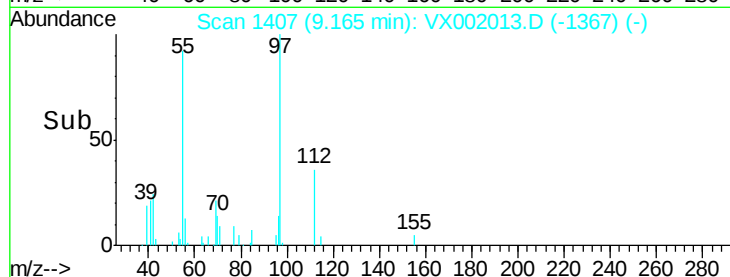
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->



#59

2-Hexanone

Concen: 2.87 ug/l

RT: 9.32 min Scan# 1432

Delta R.T. -0.19 min

Lab File: VX002013.D

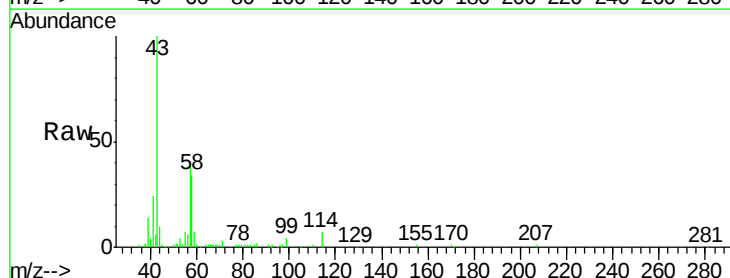
Acq: 26 May 2018 08:08

Tgt Ion: 43 Resp: 16994

Ion Ratio Lower Upper

43 100

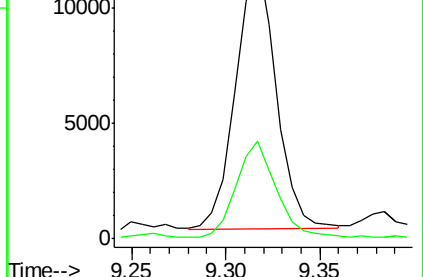
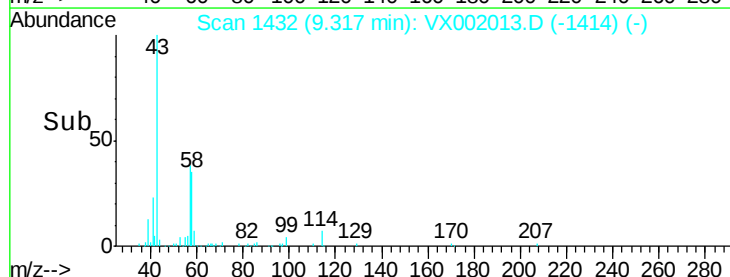
58 36.2 24.9 74.6

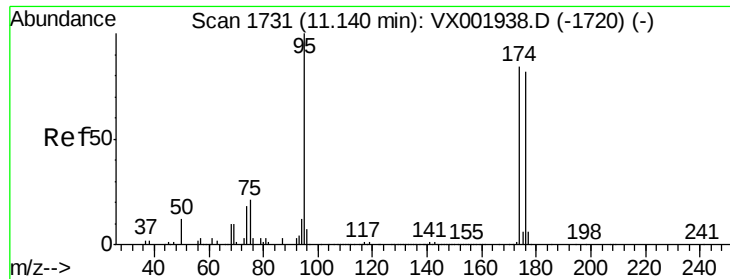


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->

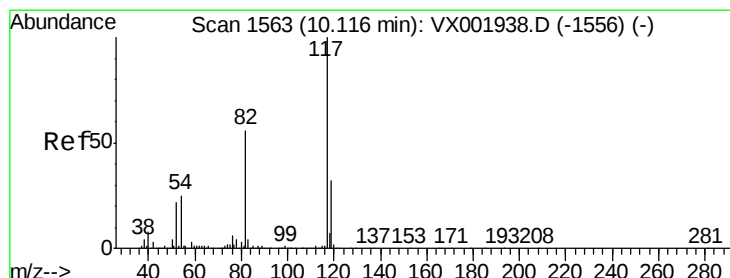
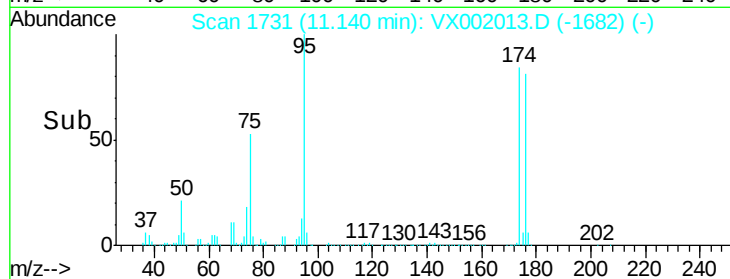
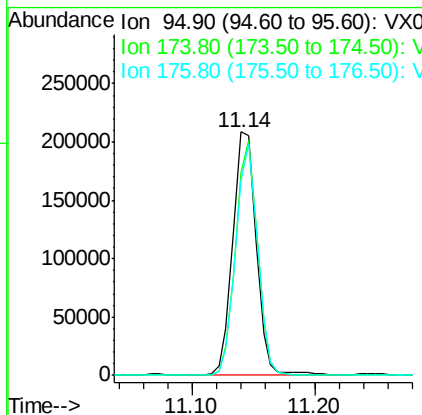
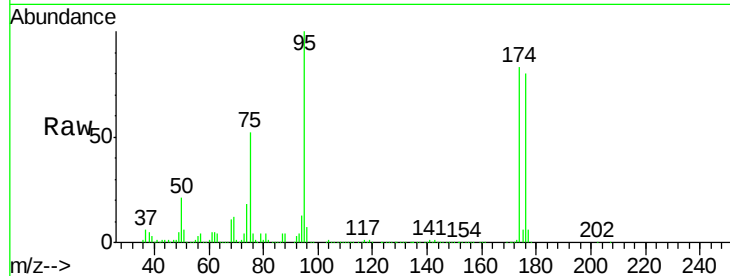




#62
4-Bromofluorobenzene
Concen: 46.14 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

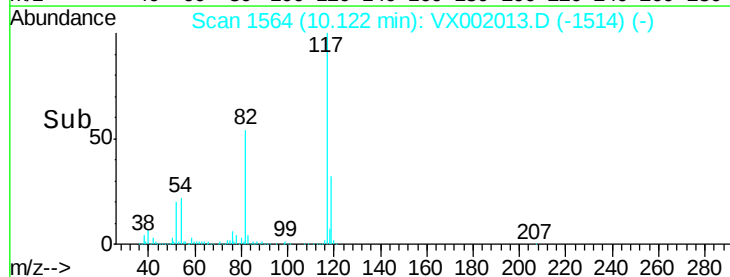
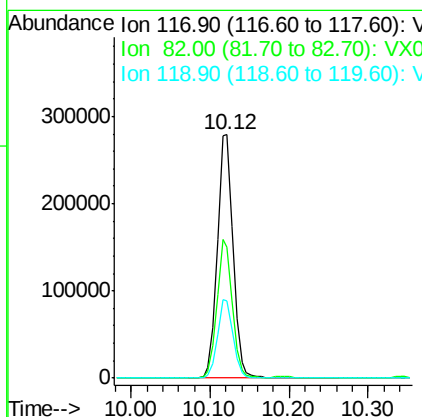
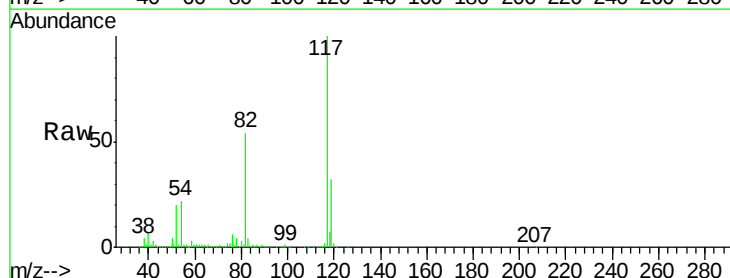
Instrument :
MSVOA_X
ClientSampleId :

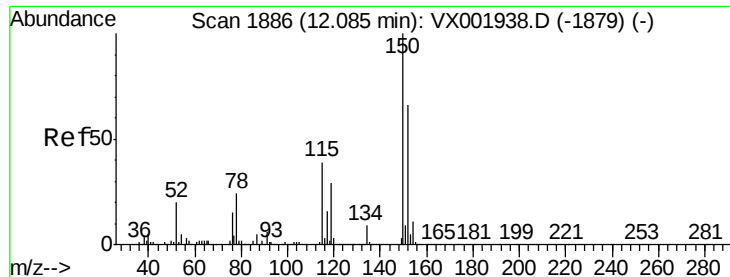
Tot Ion: 95 Resp: 275639
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.8
176 88.3 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion: 117 Resp: 390352
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 31.9 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: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

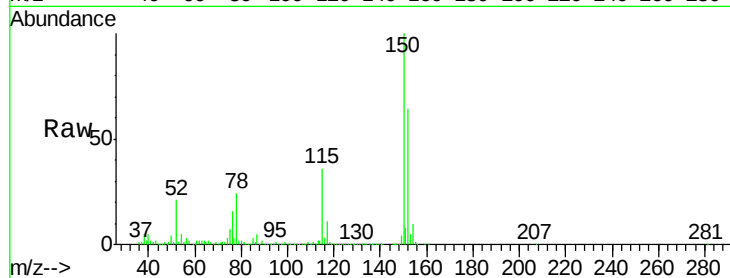
Tot Ion:152 Resp: 216796

Ion Ratio Lower Upper

152 100

115 56.1 42.3 126.8

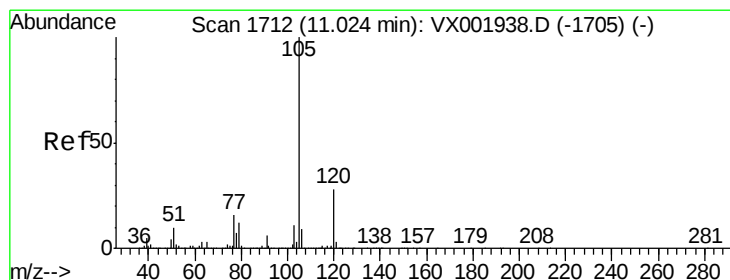
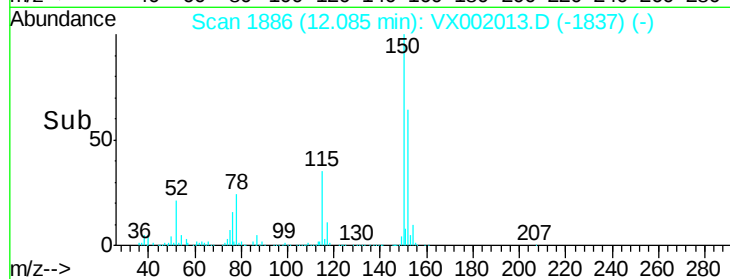
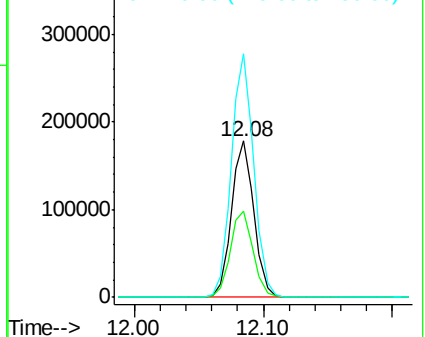
150 155.6 0.0 351.0



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: 5.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002013.D

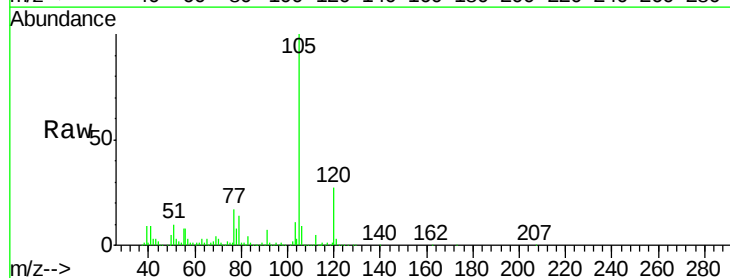
Acq: 26 May 2018 08:08

Tgt Ion:105 Resp: 93408

Ion Ratio Lower Upper

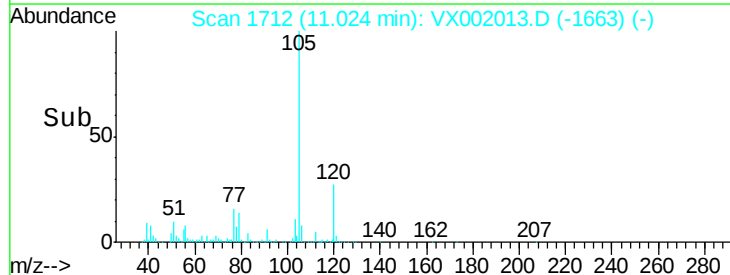
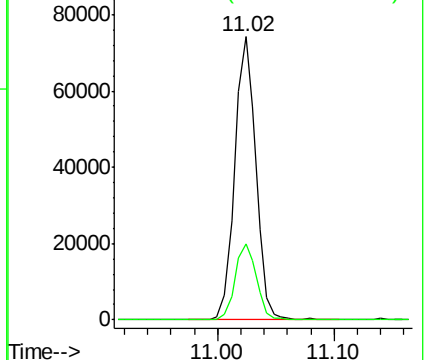
105 100

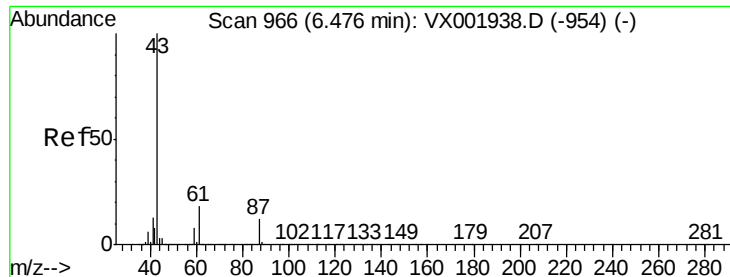
120 27.3 13.6 40.7



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: 6.48 min Scan# 966

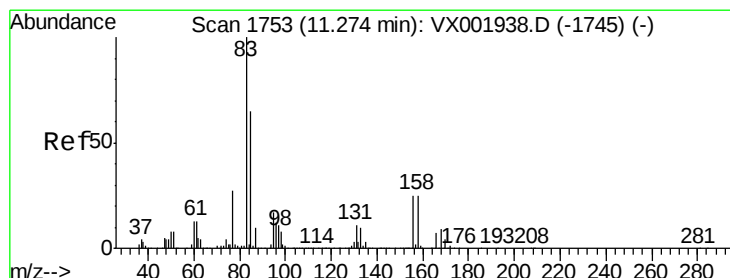
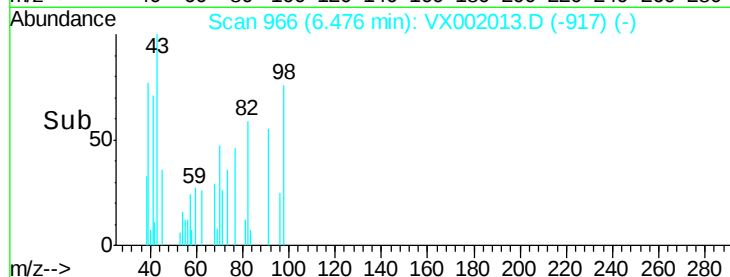
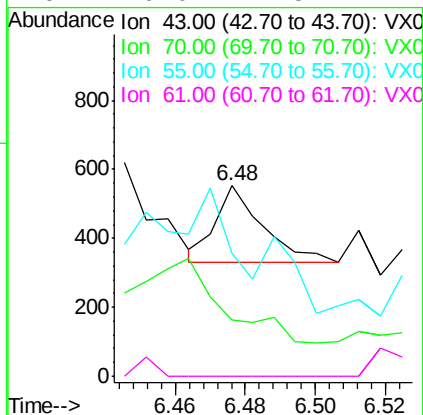
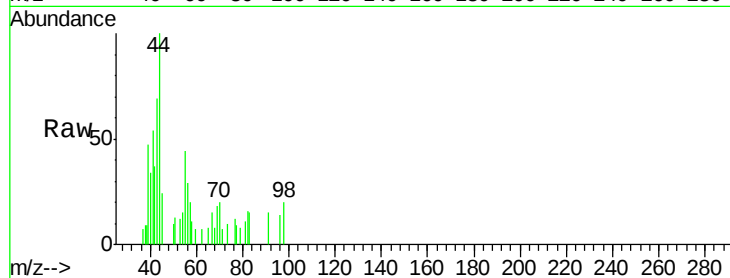
Delta R.T. 0.00 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	43	Resp:	211
Ion	Ratio	Lower	Upper
43	100		
70	442.7	0.1	0.1#
55	137.4	0.1	0.1#
61	0.0	14.5	21.7#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

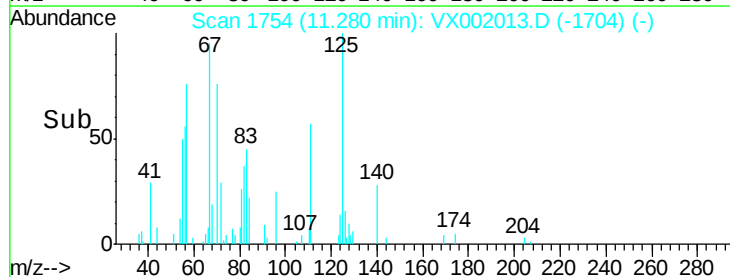
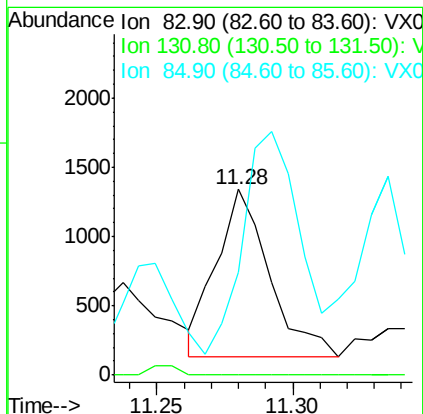
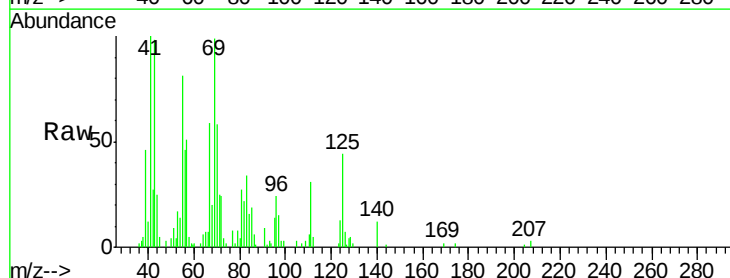
RT: 11.28 min Scan# 1754

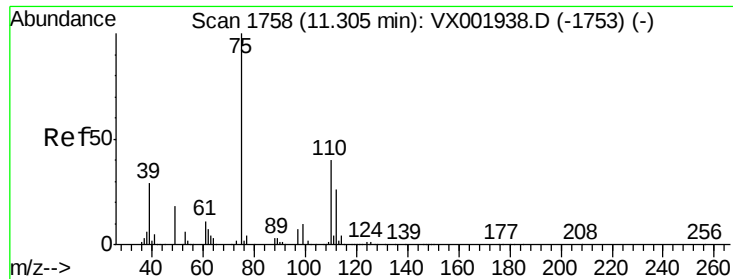
Delta R.T. 0.01 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Tgt Ion:	83	Resp:	1630
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	139.1	32.6	97.7#





#76

1,2,3-Trichloropropane

Concen: 27.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.17 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

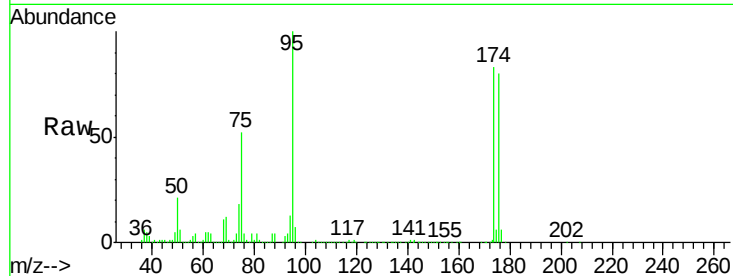
ClientSampleId :

Tot Ion: 75 Resp: 141333

Ion Ratio Lower Upper

75 100

77 1.1 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

120000

100000

80000

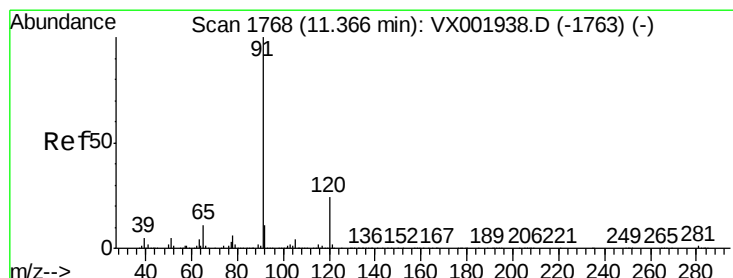
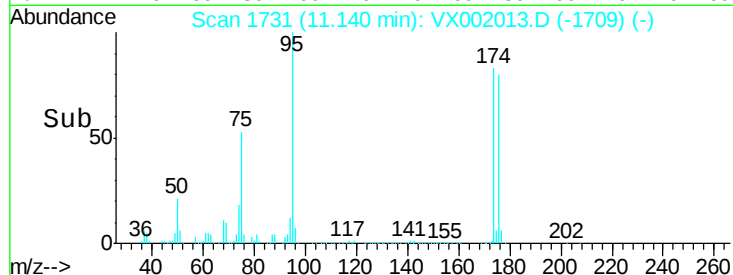
60000

40000

20000

0

Time-->



#78

n-propylbenzene

Concen: 6.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002013.D

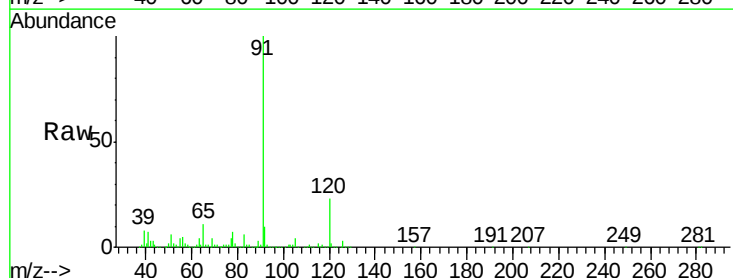
Acq: 26 May 2018 08:08

Tgt Ion: 91 Resp: 127345

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37

120000

100000

80000

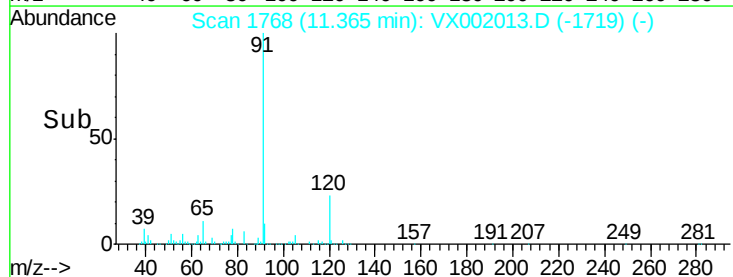
60000

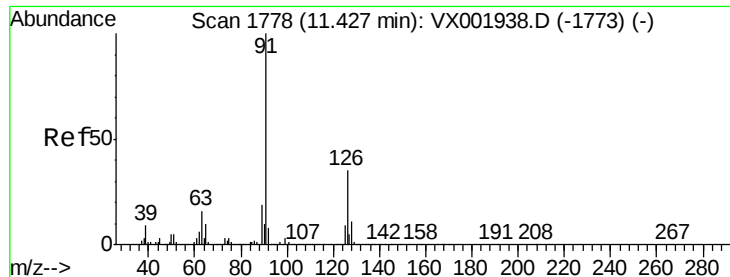
40000

20000

0

Time-->





#79

2-Chlorotoluene

Concen: 9.42 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

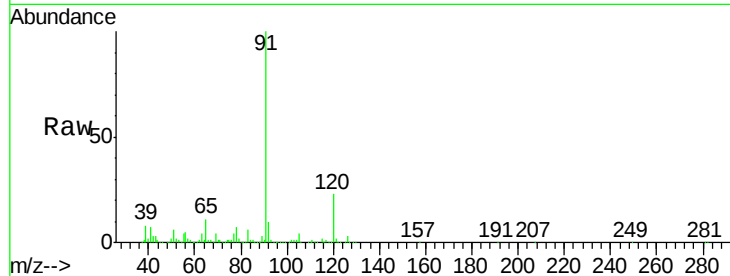
ClientSampleId :

Tot Ion: 91 Resp: 127345

Ion Ratio Lower Upper

91 100

126 2.6 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.37

100000

80000

60000

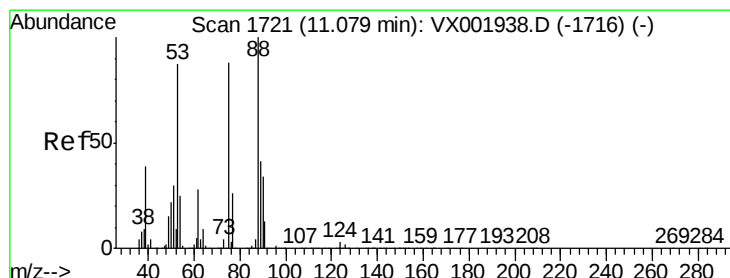
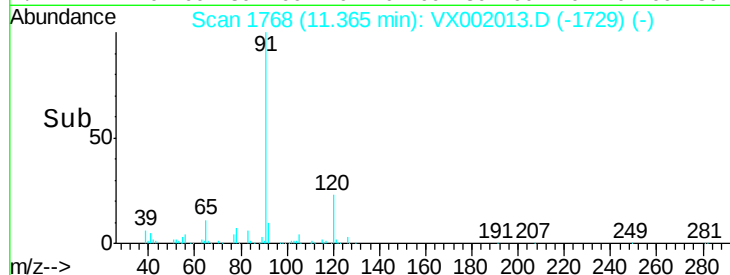
40000

20000

0

Time-->

11.30 11.35 11.40 11.45



#81

trans-1,4-Dichloro-2-butene

Concen: 65.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

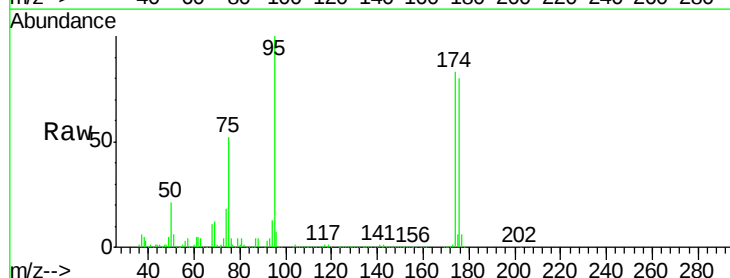
Tgt Ion: 75 Resp: 141333

Ion Ratio Lower Upper

75 100

53 0.4 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

11.14

150000

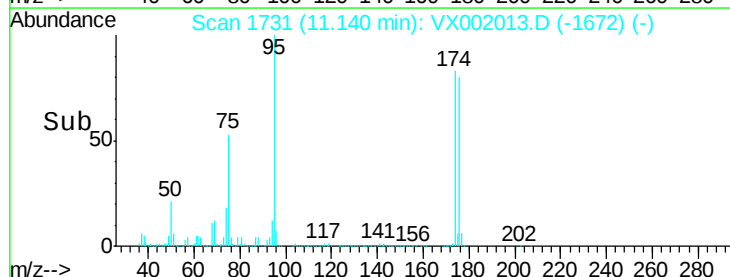
100000

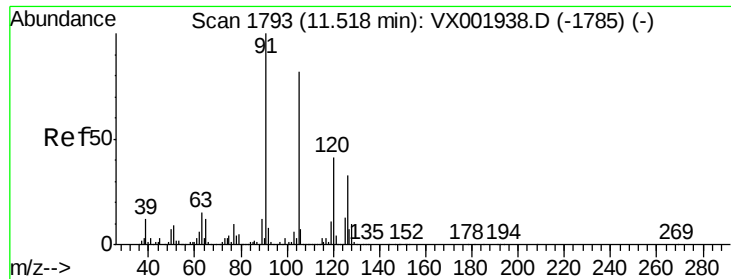
50000

0

Time-->

11.10 11.20





#82

4-Chlorotoluene

Concen: 8.78 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

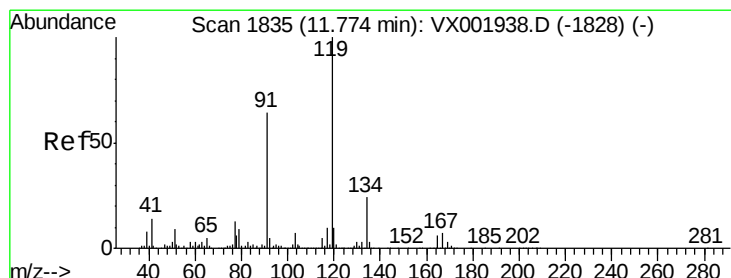
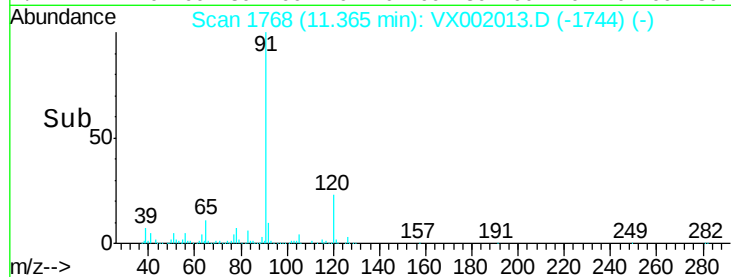
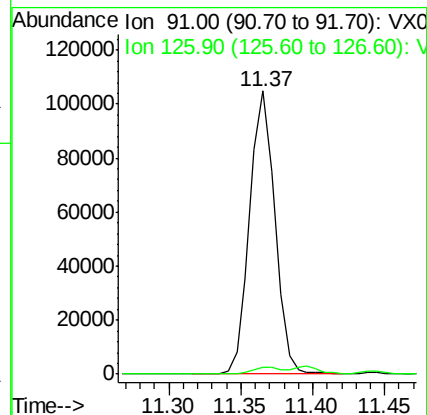
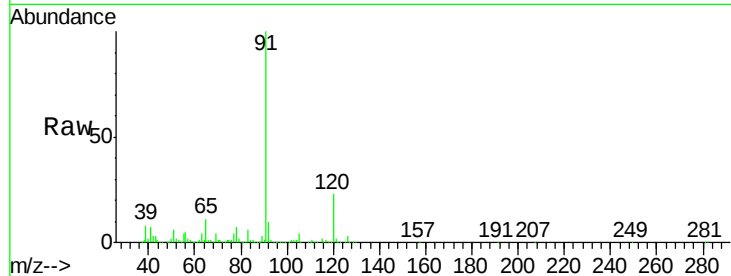
ClientSampleId :

Tot Ion: 91 Resp: 127345

Ion Ratio Lower Upper

91 100

126 2.6 15.3 45.8#



#83

tert-Butylbenzene

Concen: 1.03 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

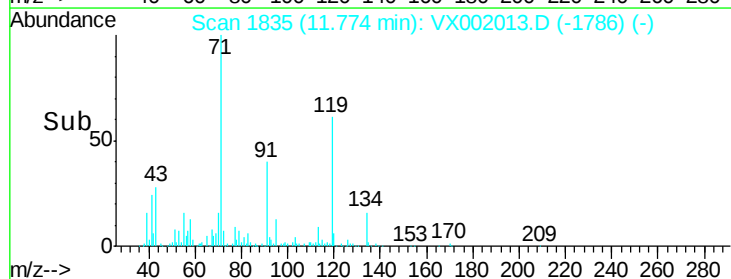
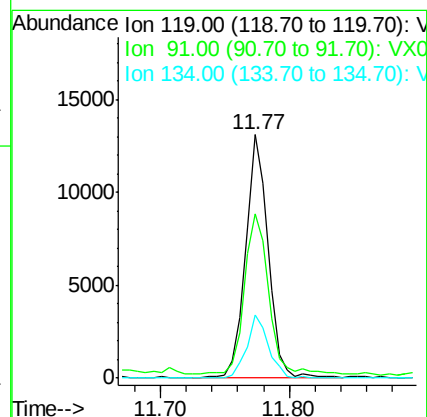
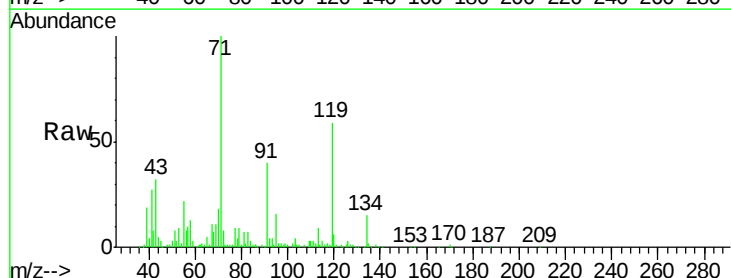
Tgt Ion: 119 Resp: 15816

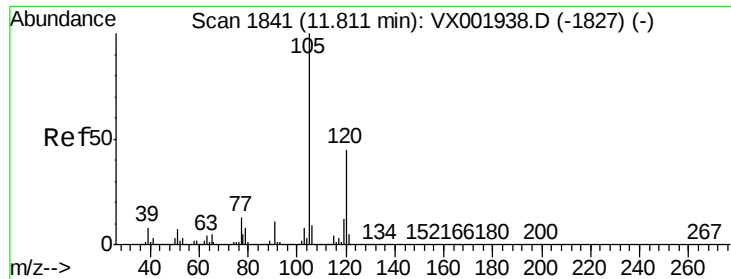
Ion Ratio Lower Upper

119 100

91 70.8 30.6 91.8

134 24.9 11.7 35.0

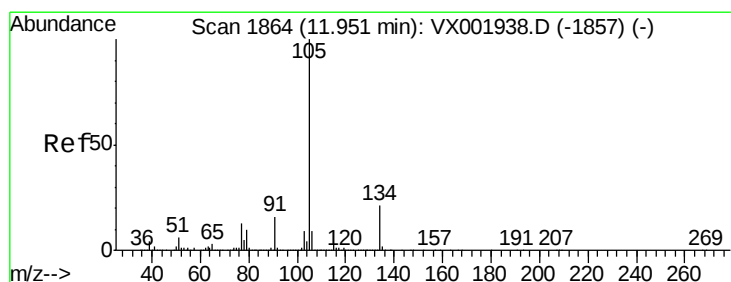
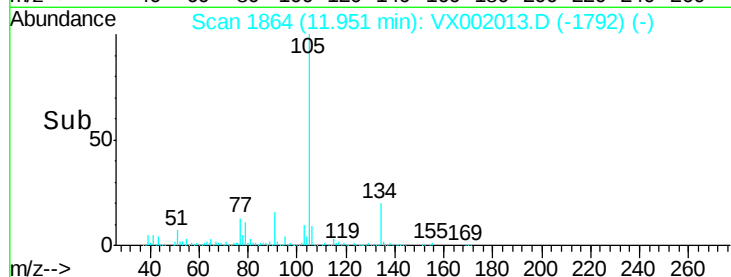
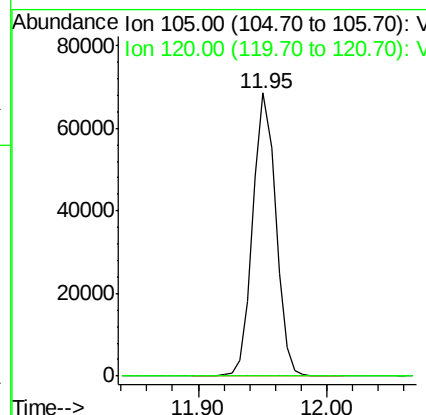
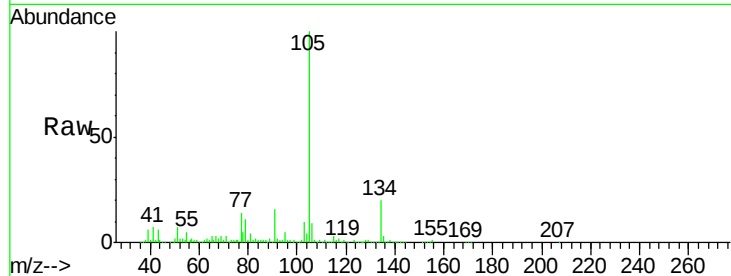




#84
 1,2,4-Trimethylbenzene
 Concen: 5.16 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.14 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

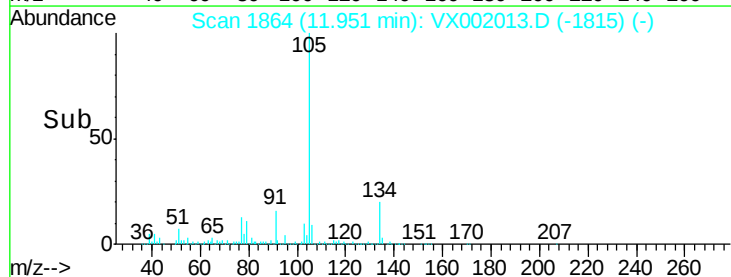
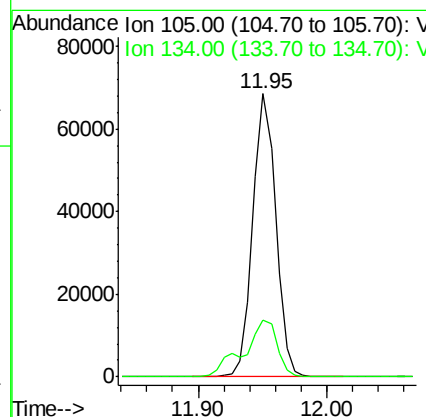
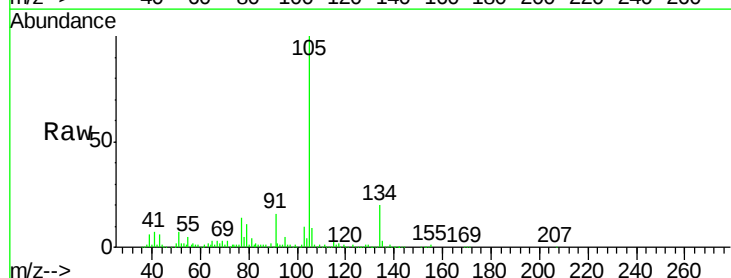
Instrument :
 MSVOA_X
 ClientSampleId :

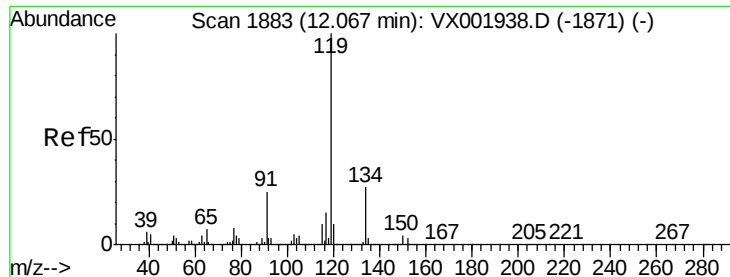
Tot Ion:105 Resp: 83624
 Ion Ratio Lower Upper
 105 100
 120 0.3 22.1 66.5#



#85
 sec-Butylbenzene
 Concen: 4.52 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002013.D
 Acq: 26 May 2018 08:08

Tgt Ion:105 Resp: 83624
 Ion Ratio Lower Upper
 105 100
 134 29.6 10.4 31.4

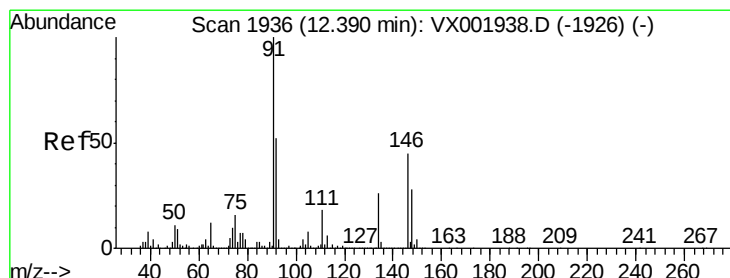
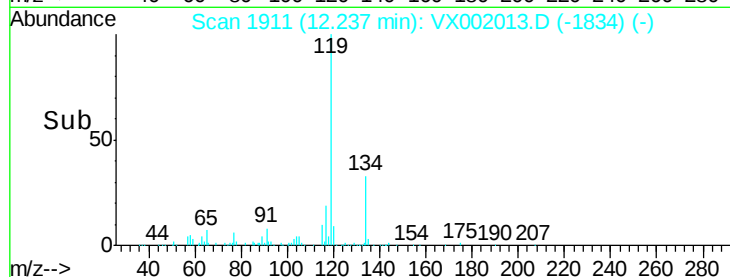
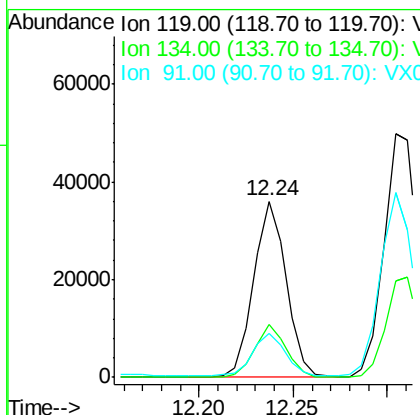
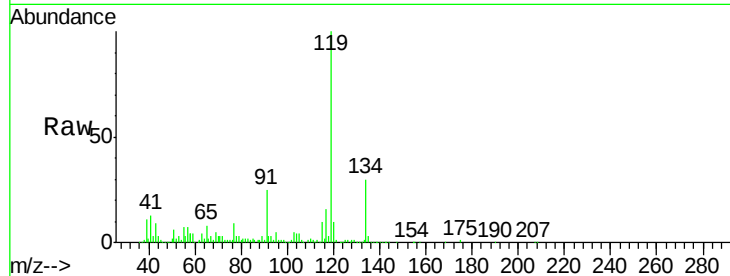




#86
p-Isopropyltoluene
Concen: 2.61 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

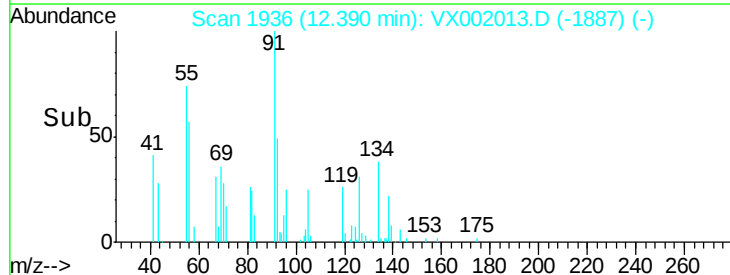
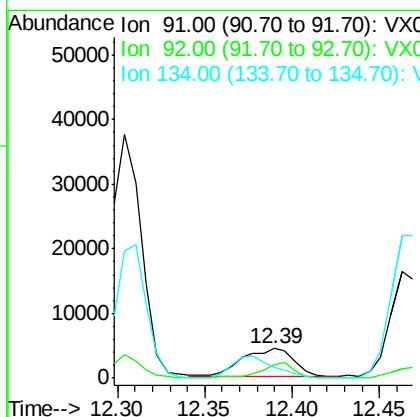
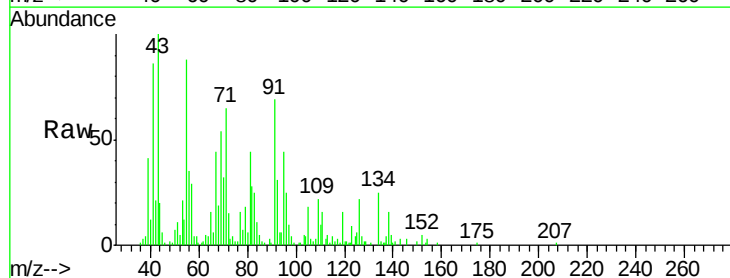
Instrument :
MSVOA_X
ClientSampleId :

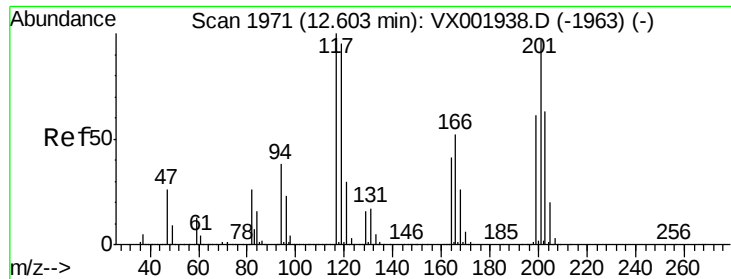
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.9	13.6	40.8
91	24.5	12.2	36.4



#89
n-Butylbenzene
Concen: 0.66 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	32.9	26.3	78.9
134	62.5	13.6	40.7#





#90

Hexachloroethane

Concen: 3.47 ug/l

RT: 12.68 min Scan# 1983

Delta R.T. 0.07 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

Instrument :

MSVOA_X

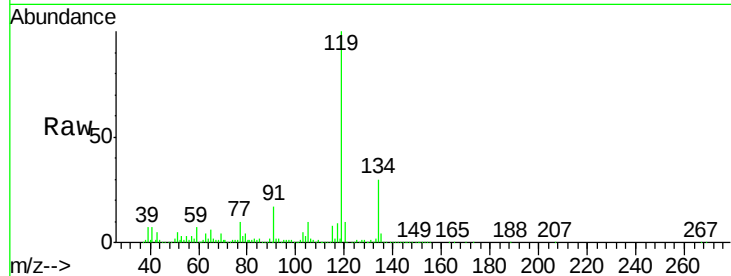
ClientSampleId :

Tot Ion:117 Resp: 11323

Ion Ratio Lower Upper

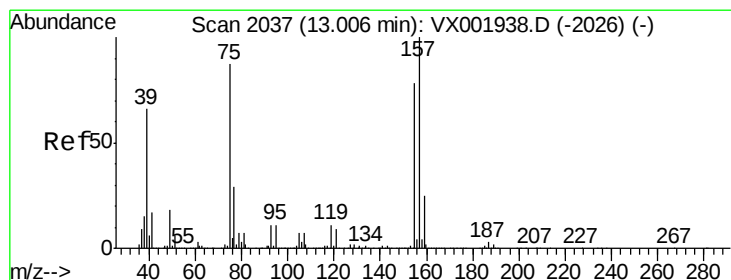
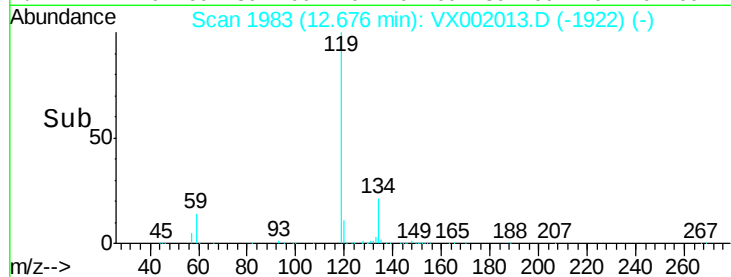
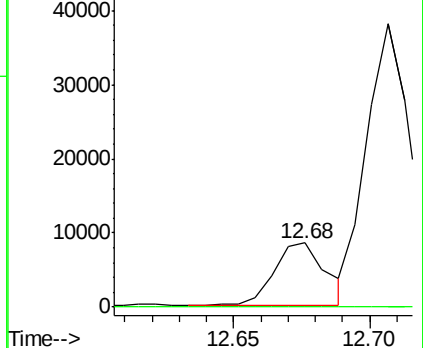
117 100

201 0.0 48.0 144.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.34 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002013.D

Acq: 26 May 2018 08:08

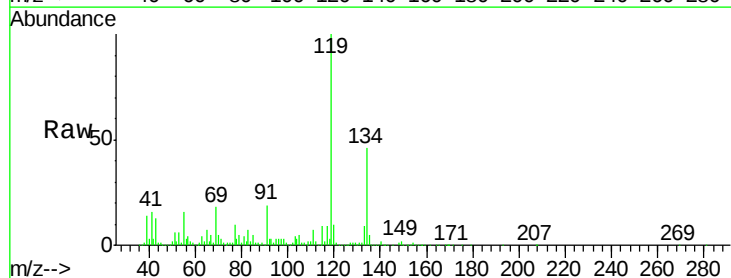
Tgt Ion: 75 Resp: 2195

Ion Ratio Lower Upper

75 100

155 0.0 45.1 135.2#

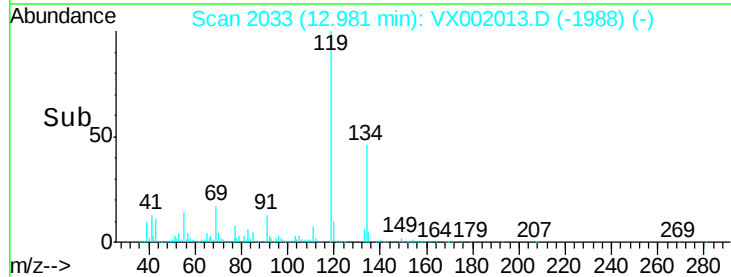
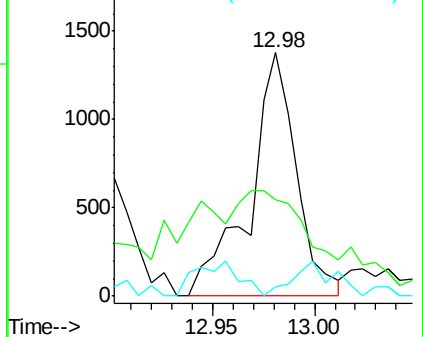
157 12.3 58.1 174.2#

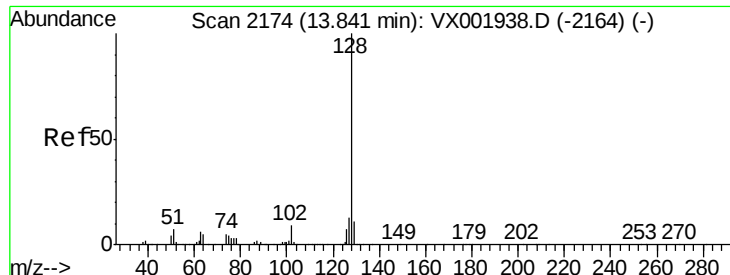


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.37 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002013.D
Acq: 26 May 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#

