

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
 Data File : VX002170.D
 Acq On : 31 May 2018 07:03
 Operator : JC/MD
 Sample : J3185-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

Quant Time: May 31 07:23:29 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	279567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	394736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199737	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	176677	35.35	ug/l	0.00
Spiked Amount			Recovery	=	70.70%	
35) Dibromofluoromethane	5.51	113	131603	33.34	ug/l	0.00
Spiked Amount			Recovery	=	66.68%	
50) Toluene-d8	8.72	98	521318	36.48	ug/l	0.00
Spiked Amount			Recovery	=	72.96%	
62) 4-Bromofluorobenzene	11.14	95	186771	33.40	ug/l	0.00
Spiked Amount			Recovery	=	66.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.46	85	19	Below Cal	#	41
3) Chloromethane	1.34	50	6608	1.54	ug/l	53
5) Bromomethane	1.65	94	255	Below Cal	#	73
10) Methyl Iodide	2.51	142	1085	0.23	ug/l	87
11) Tert butyl alcohol	3.07	59	1538	1.57	ug/l	71
13) Acrolein	2.29	56	88	0.21	ug/l	14
15) Acrylonitrile	3.17	53	410	0.20	ug/l	1
16) Acetone	2.45	43	8900	4.61	ug/l	100
17) Carbon Disulfide	2.58	76	2672	0.28	ug/l	96
18) Methyl Acetate	2.78	43	690	Below Cal	#	73
20) Methylene Chloride	2.87	84	547	Below Cal	#	83
21) trans-1,2-Dichloroethene	3.18	96	200	Below Cal	#	30
25) 2-Butanone	4.72	43	1138	0.32	ug/l	99
28) Bromochloromethane	5.02	49	26	Below Cal	#	14
31) Cyclohexane	5.58	56	109751	15.94	ug/l	96
36) 1,1-Dichloropropene	5.67	75	19399	3.53	ug/l	50
38) Carbon Tetrachloride	5.67	117	25788	4.03	ug/l	15
39) Methylcyclohexane	7.46	83	129920	19.26	ug/l	99
40) Benzene	6.15	78	6568	0.41	ug/l	95
41) Methacrylonitrile	5.10	41	140	Below Cal	#	25
43) Isopropyl Acetate	6.46	43	3254	0.27	ug/l	64
45) 1,2-Dichloropropane	7.46	63	1653	0.38	ug/l	1
48) Methyl methacrylate	7.74	41	7421	1.22	ug/l	54
51) 4-Methyl-2-Pentanone	8.66	43	4326	0.60	ug/l	64
52) Toluene	8.79	92	3831	0.37	ug/l	98
55) 1,1,2-Trichloroethane	9.17	97	18603	4.35	ug/l	18
56) Ethyl methacrylate	9.17	69	4379	0.60	ug/l	1
59) 2-Hexanone	9.52	43	1178	0.21	ug/l	90
67) Ethyl Benzene	10.26	91	5567	0.28	ug/l	91
68) m/p-Xylenes	10.37	106	1615	0.22	ug/l	78
69) o-Xylene	10.70	106	5102	0.68	ug/l	99
73) Isopropylbenzene	11.02	105	98794	5.84	ug/l	99
74) N-amyl acetate	6.46	43	3254	Below Cal	#	58
75) 1,1,2,2-Tetrachloroethane	11.28	83	913	Below Cal	#	78

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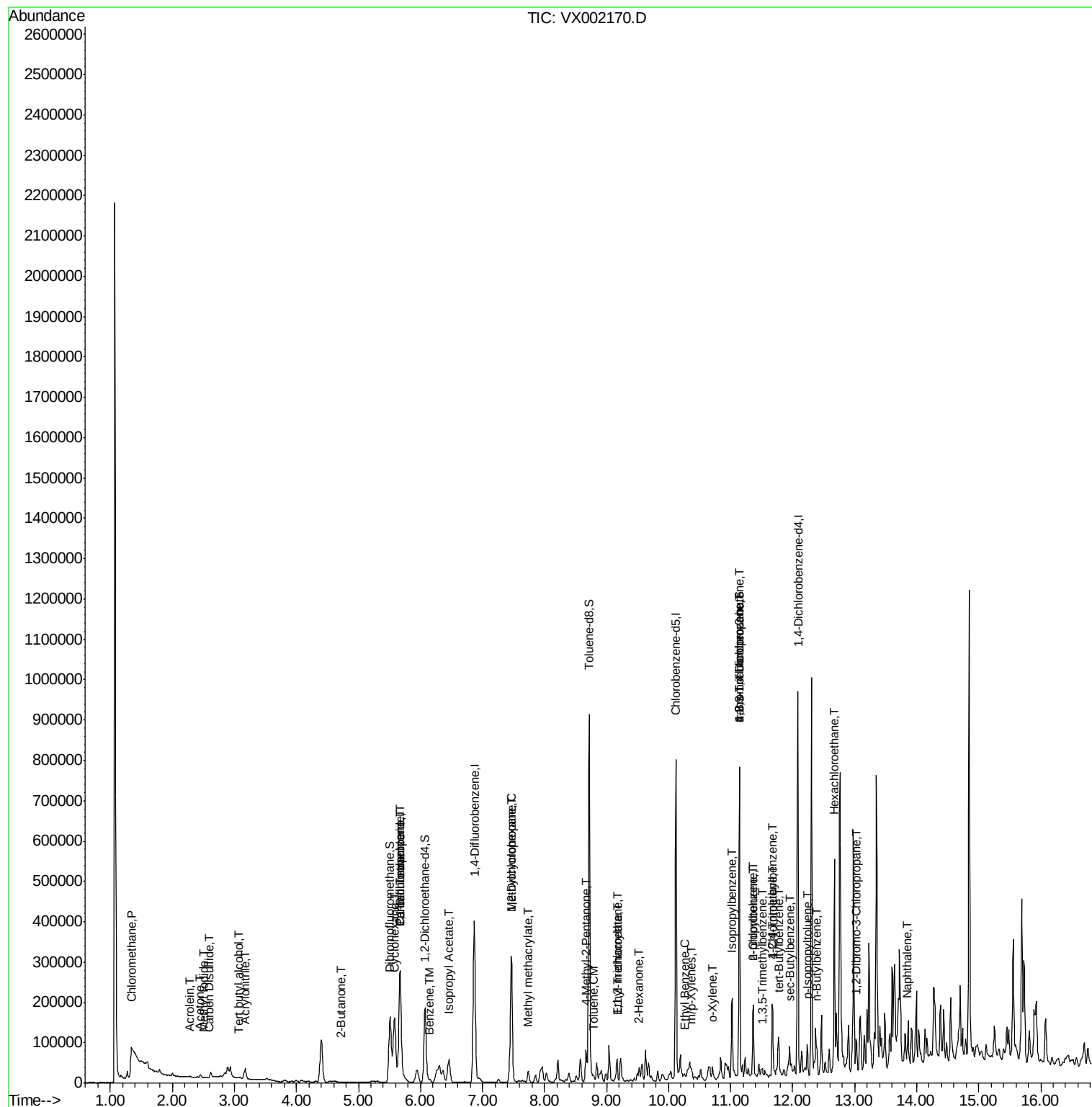
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.14	75	98948	20.62	ug/l #	32
78) n-propylbenzene	11.37	91	104516	5.52	ug/l	99
79) 2-Chlorotoluene	11.37	91	104516	8.13	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	6067	0.42	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	98948	49.57	ug/l #	10
82) 4-Chlorotoluene	11.67	91	10741	0.80	ug/l #	44
83) tert-Butylbenzene	11.77	119	11997	0.85	ug/l	87
84) 1,2,4-Trimethylbenzene	11.67	105	80825	5.41	ug/l	80
85) sec-Butylbenzene	11.95	105	30816	1.81	ug/l	94
86) p-Isopropyltoluene	12.24	119	32333	2.12	ug/l	95
89) n-Butylbenzene	12.39	91	24133	1.87	ug/l #	64
90) Hexachloroethane	12.67	117	23605	7.84	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	377	0.25	ug/l #	1
95) Naphthalene	13.84	128	4975	0.28	ug/l #	30

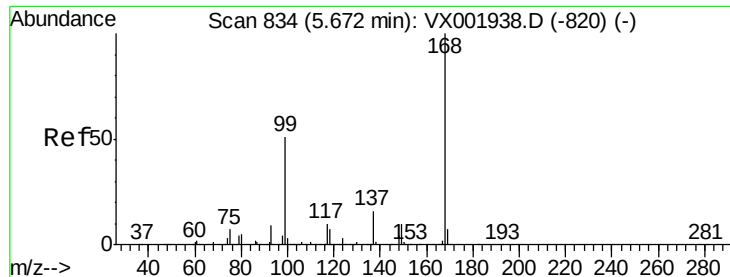
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampleId :

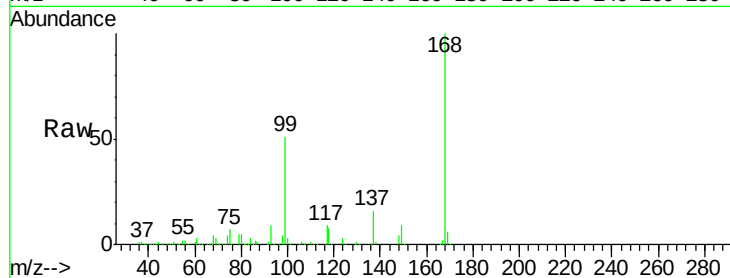
MW-34

Tgt Ion:168 Resp: 279567

Ion Ratio Lower Upper

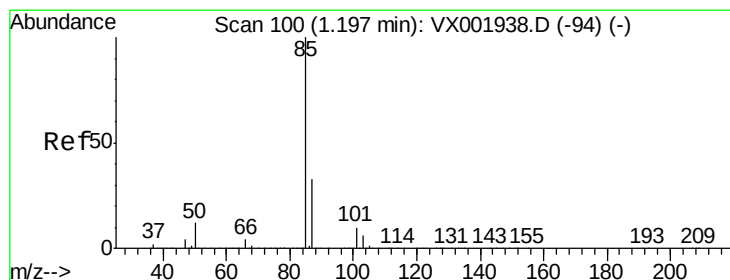
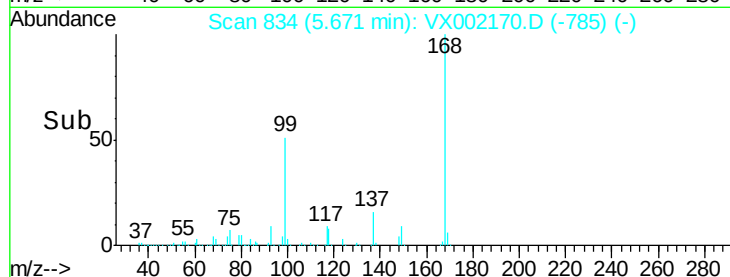
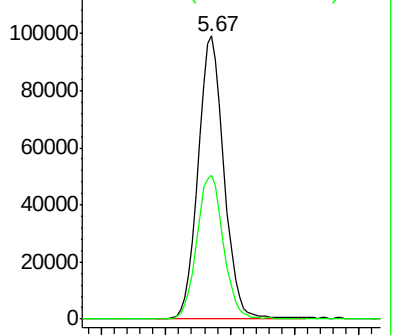
168 100

99 50.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.46 min Scan# 144

Delta R.T. 0.27 min

Lab File: VX002170.D

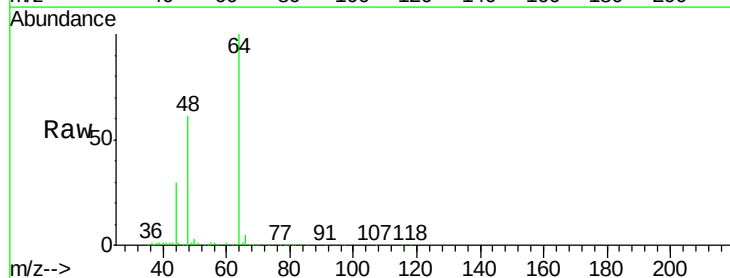
Acq: 31 May 2018 07:03

Tgt Ion: 85 Resp: 19

Ion Ratio Lower Upper

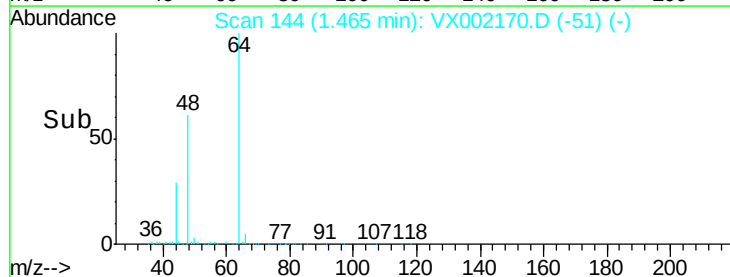
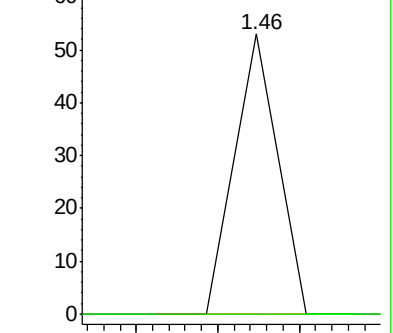
85 100

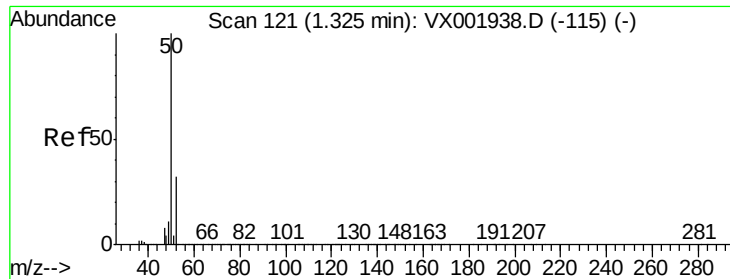
87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.54 ug/l

RT: 1.34 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampled :

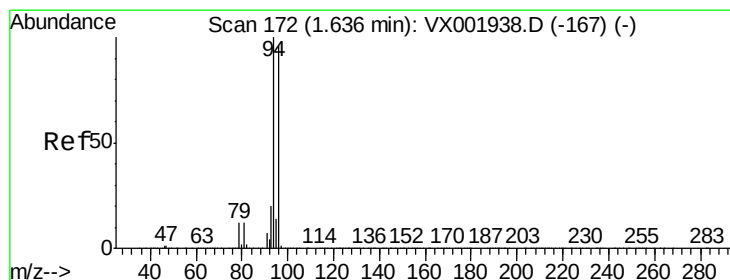
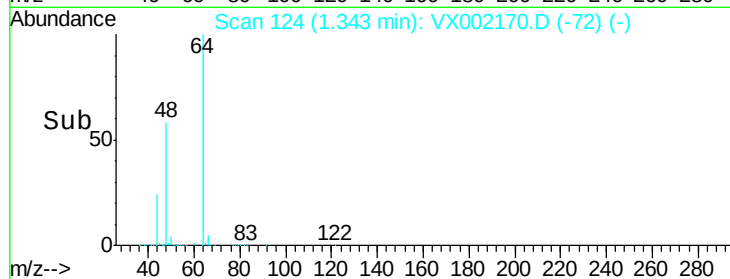
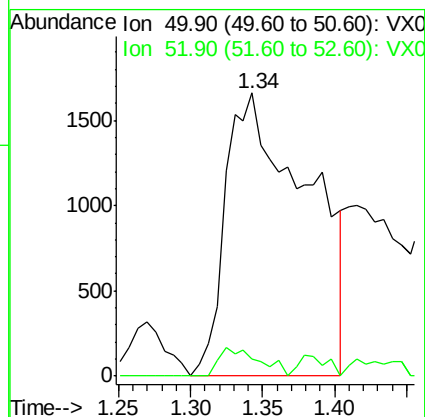
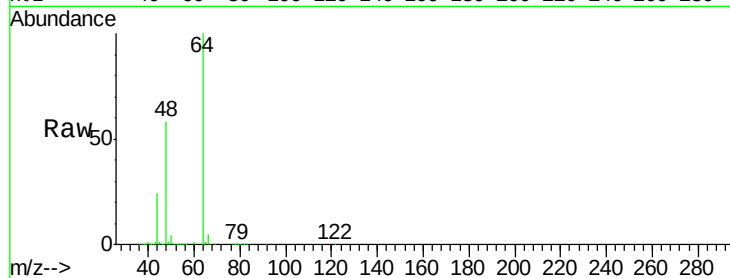
MW-34

Tgt Ion: 50 Resp: 6608

Ion Ratio Lower Upper

50 100

52 6.0 26.0 39.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002170.D

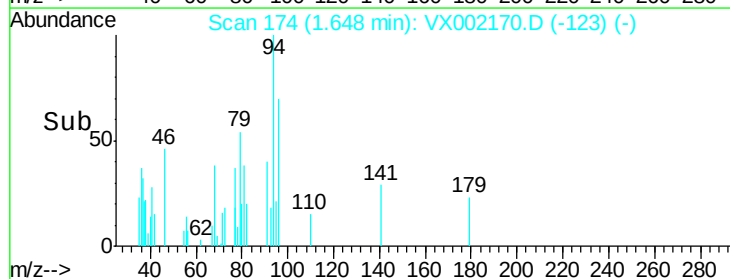
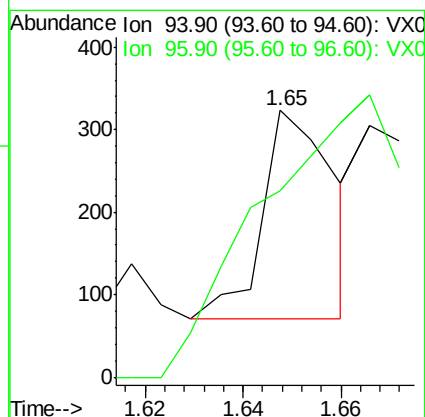
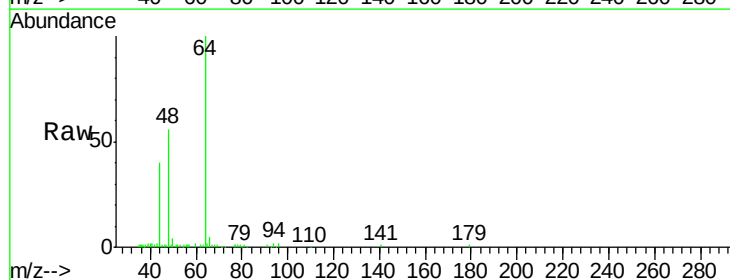
Acq: 31 May 2018 07:03

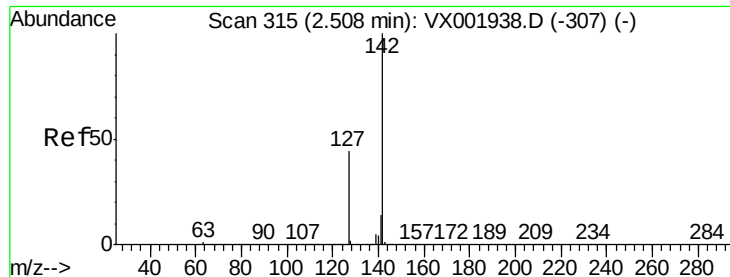
Tgt Ion: 94 Resp: 255

Ion Ratio Lower Upper

94 100

96 68.7 75.9 113.9#

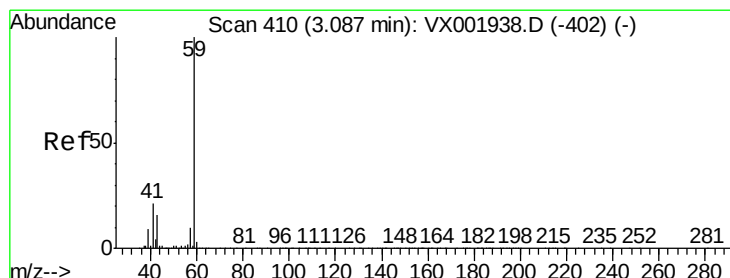
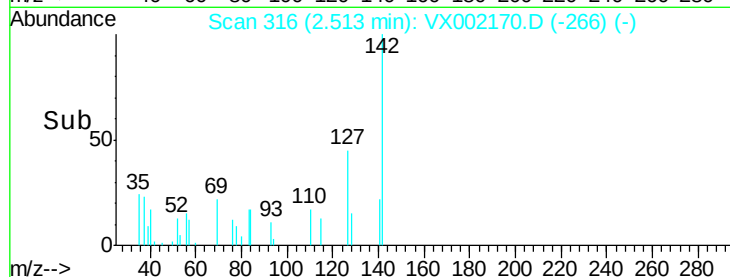
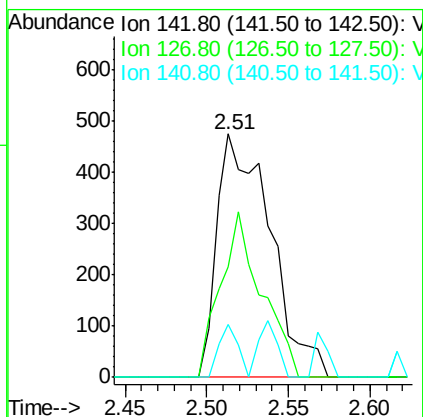
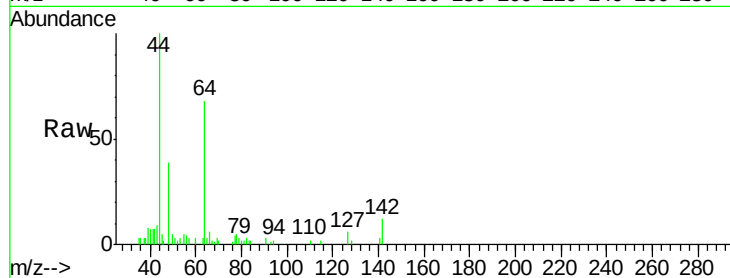




#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

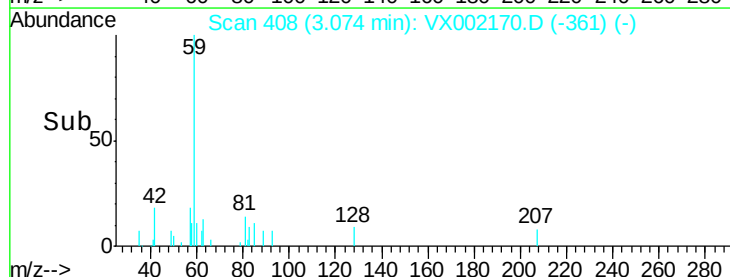
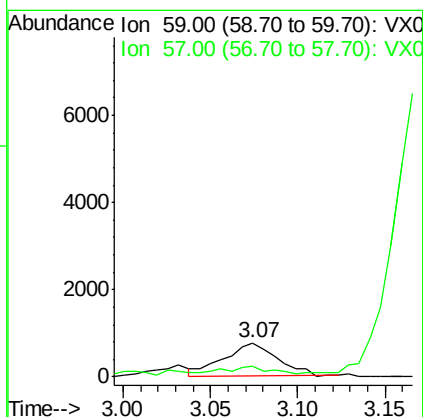
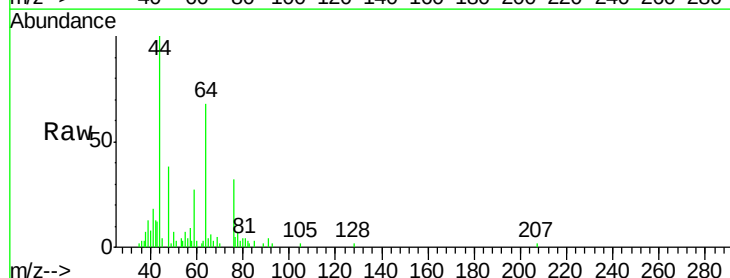
Instrument :
MSVOA_X
ClientSampled :
MW-34

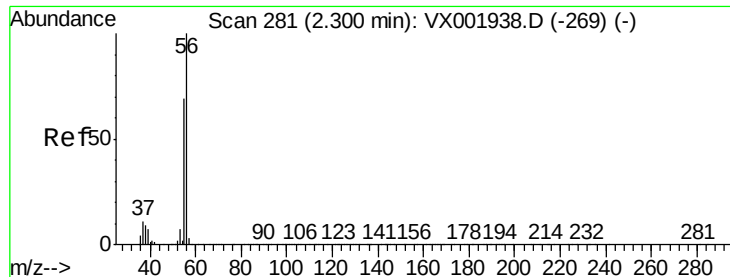
Tgt Ion: 142 Resp: 1085
Ion Ratio Lower Upper
142 100
127 52.0 35.5 53.3
141 7.9 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.57 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

Tgt Ion: 59 Resp: 1538
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#





#13

Acrolein

Concen: 0.21 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampled :

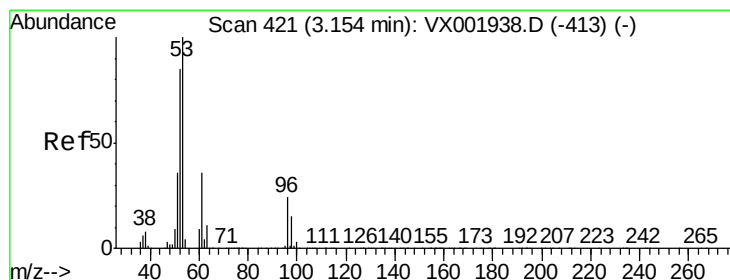
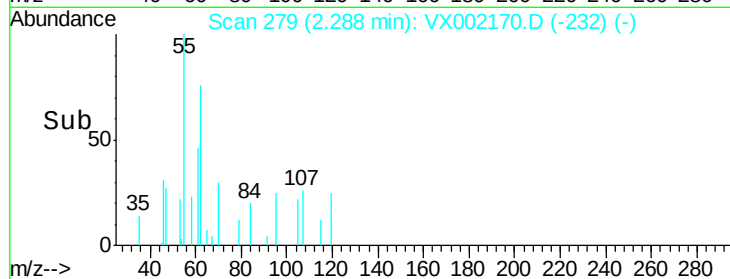
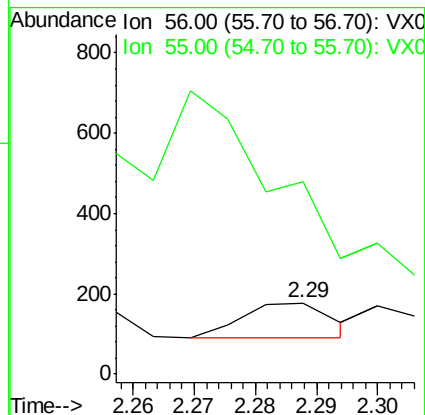
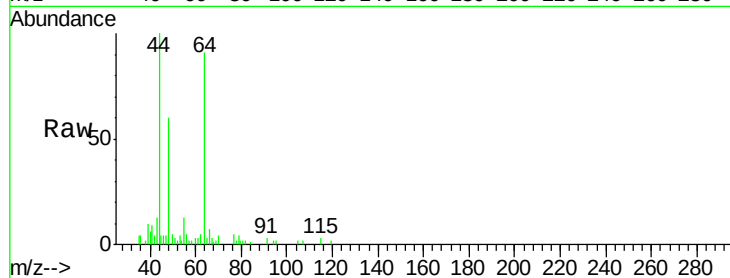
MW-34

Tgt Ion: 56 Resp: 88

Ion Ratio Lower Upper

56 100

55 0.0 56.8 85.2#



#15

Acrylonitrile

Concen: 0.20 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

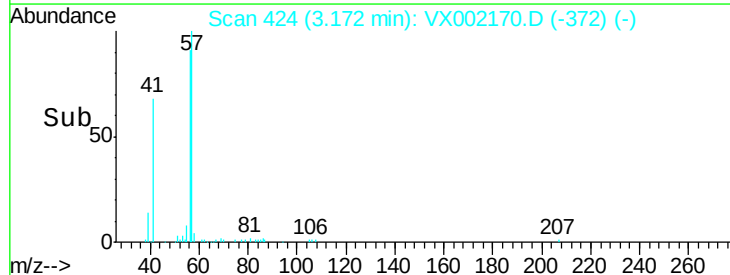
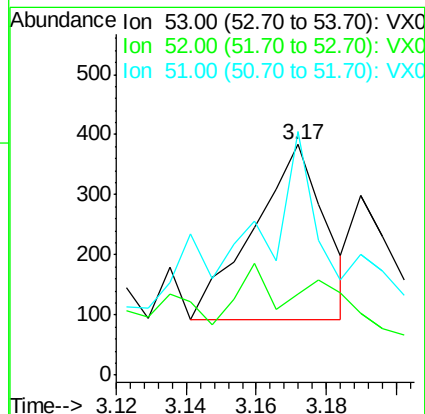
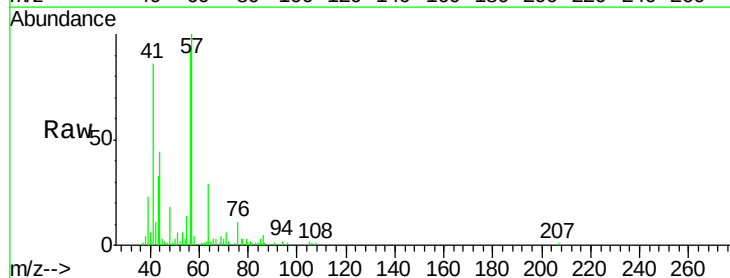
Tgt Ion: 53 Resp: 410

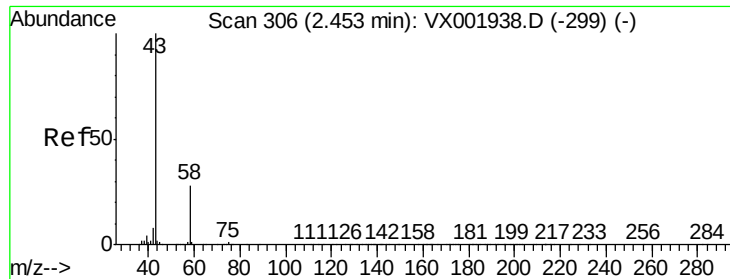
Ion Ratio Lower Upper

53 100

52 15.4 66.4 99.6#

51 146.6 29.3 43.9#





#16

Acetone

Concen: 4.61 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampleId :

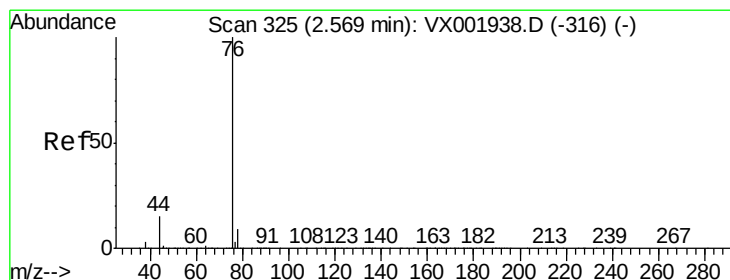
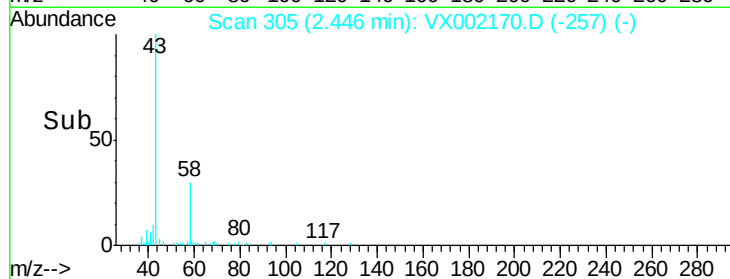
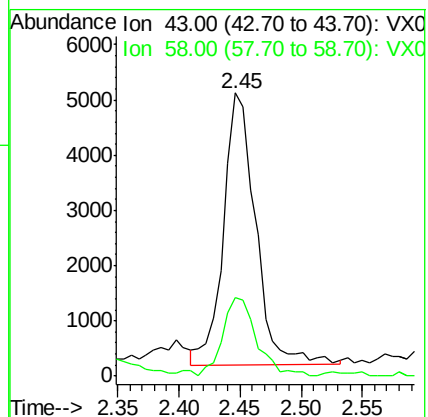
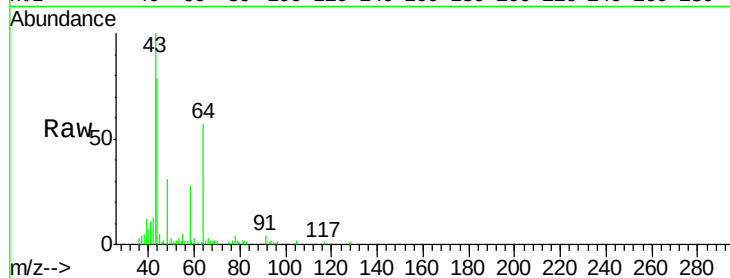
MW-34

Tgt Ion: 43 Resp: 8900

Ion Ratio Lower Upper

43 100

58 28.1 22.3 33.5



#17

Carbon Disulfide

Concen: 0.28 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX002170.D

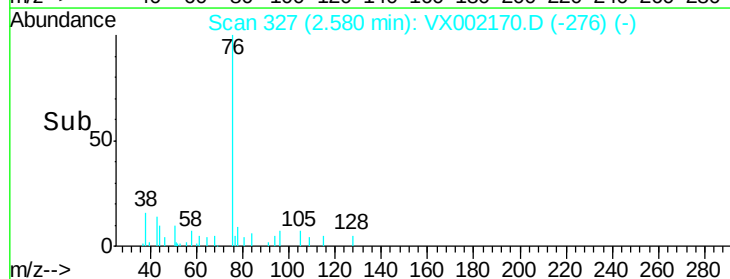
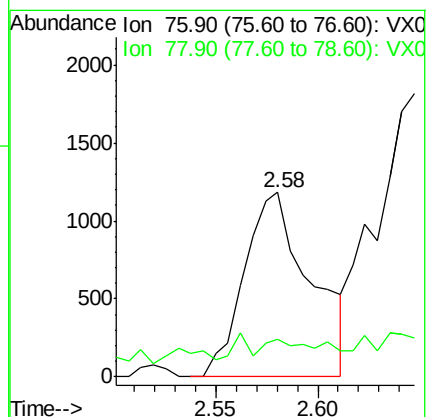
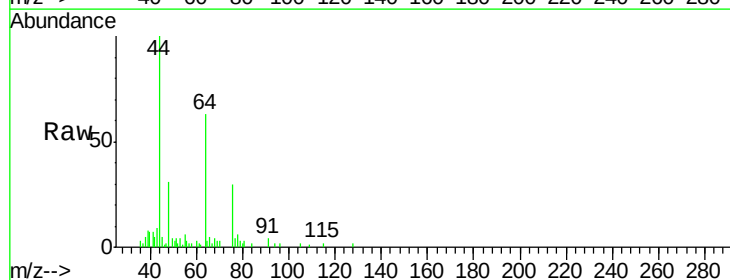
Acq: 31 May 2018 07:03

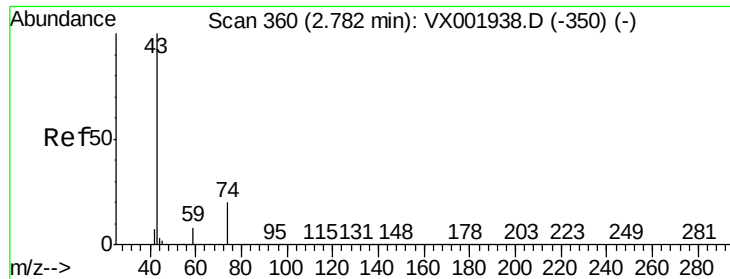
Tgt Ion: 76 Resp: 2672

Ion Ratio Lower Upper

76 100

78 7.8 7.4 11.2





#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampled :

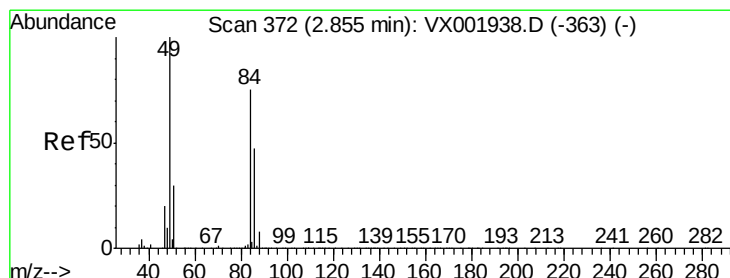
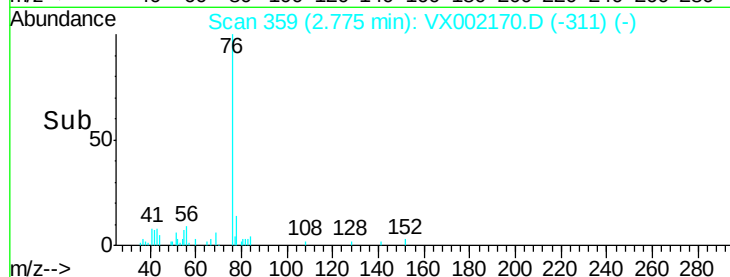
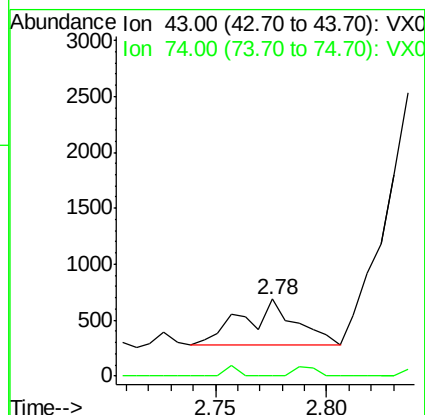
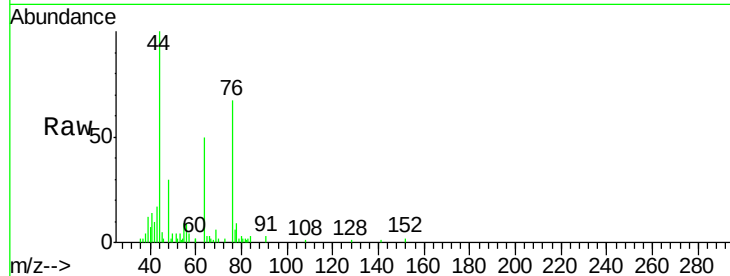
MW-34

Tgt Ion: 43 Resp: 690

Ion Ratio Lower Upper

43 100

74 8.3 16.8 25.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Tgt Ion: 84 Resp: 547

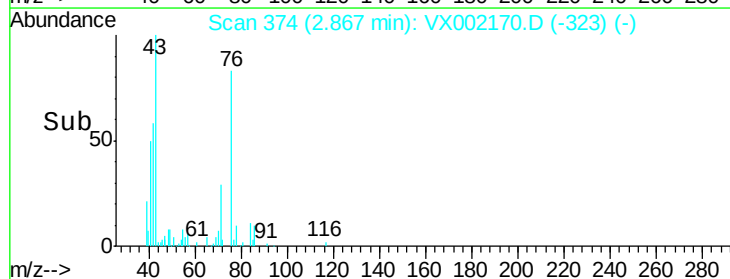
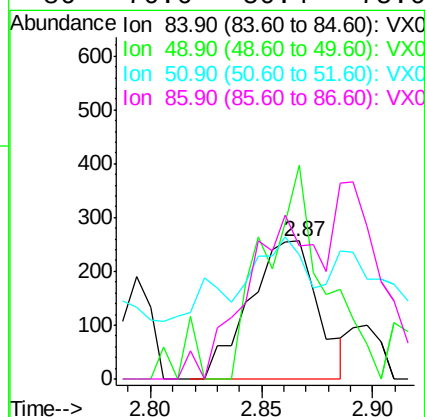
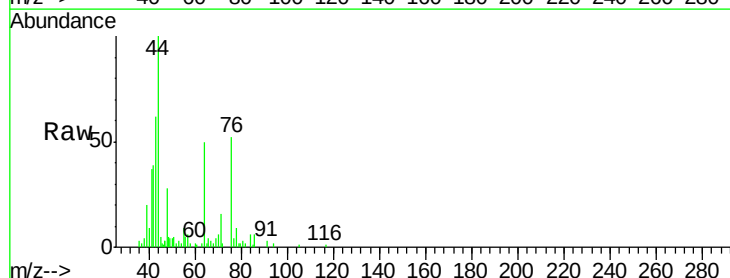
Ion Ratio Lower Upper

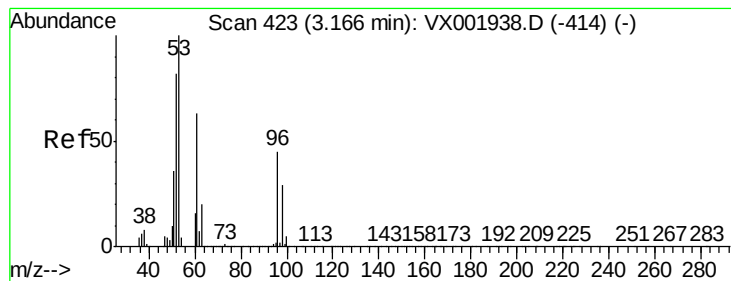
84 100

49 109.4 107.2 160.8

51 42.2 32.4 48.6

86 76.6 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: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampled :

MW-34

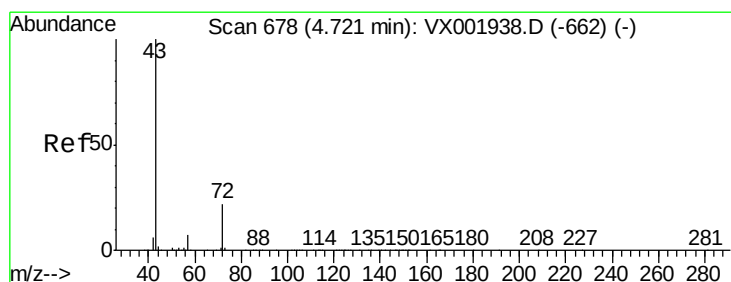
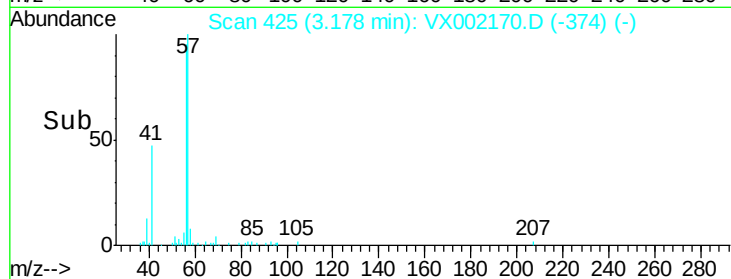
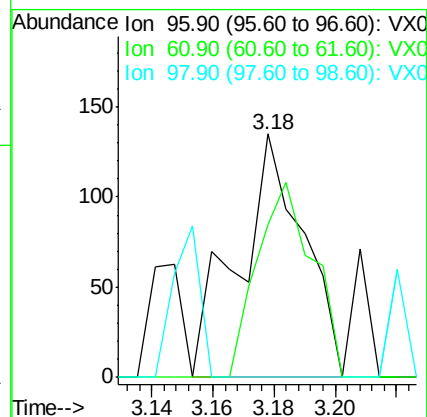
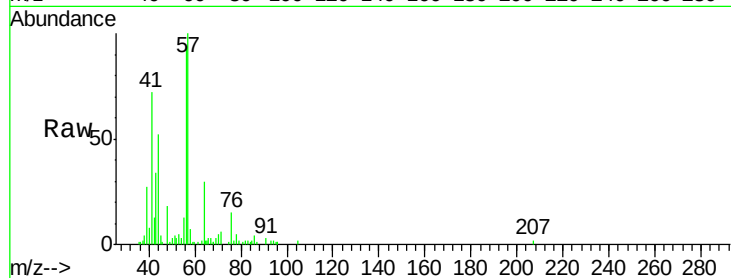
Tgt Ion: 96 Resp: 200

Ion Ratio Lower Upper

96 100

61 63.0 113.3 169.9#

98 0.0 51.7 77.5#



#25

2-Butanone

Concen: 0.32 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX002170.D

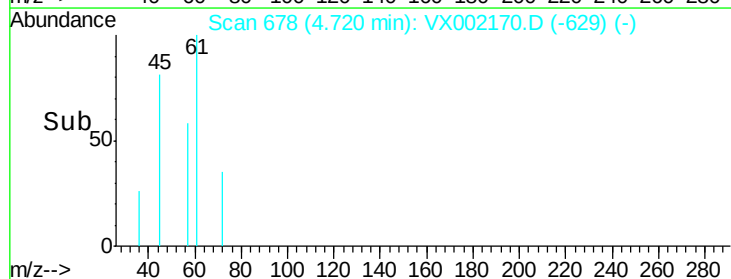
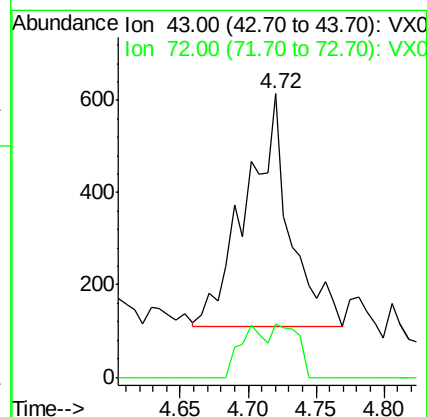
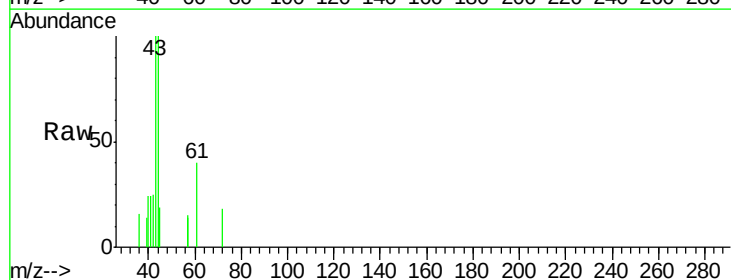
Acq: 31 May 2018 07:03

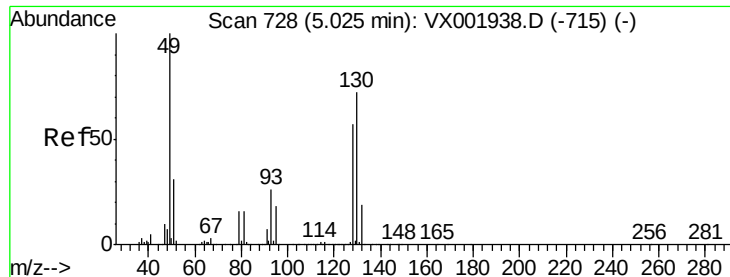
Tgt Ion: 43 Resp: 1138

Ion Ratio Lower Upper

43 100

72 22.7 17.9 26.9





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

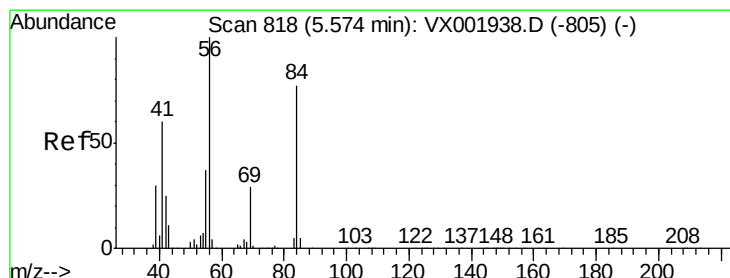
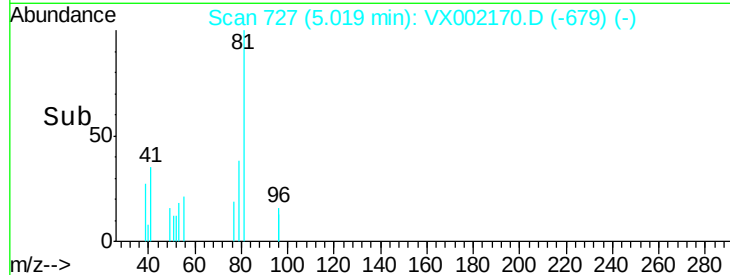
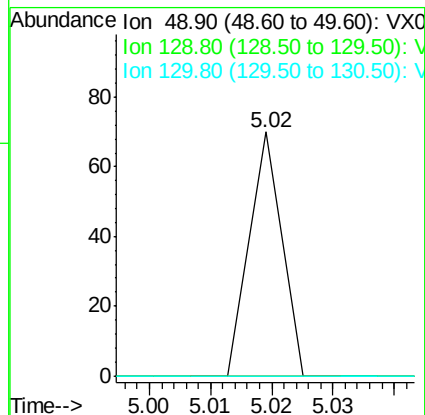
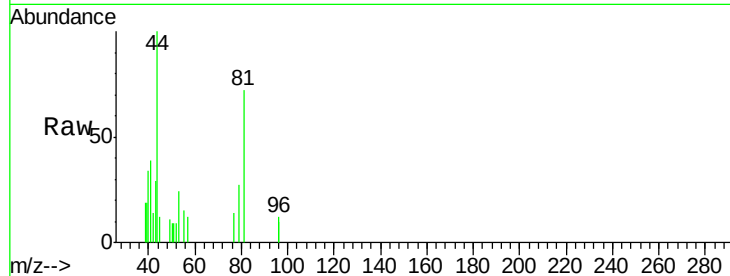
Delta R.T. -0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :
MSVOA_X
ClientSampleId :
MW-34

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#



#31

Cyclohexane

Concen: 15.94 ug/l

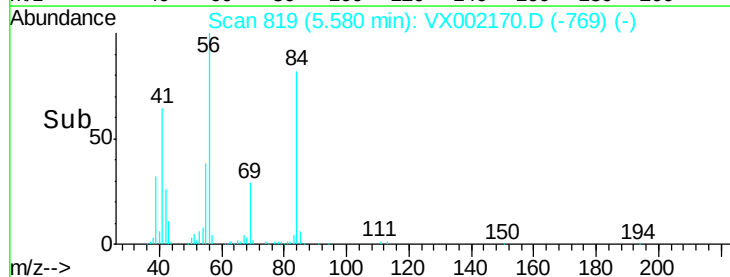
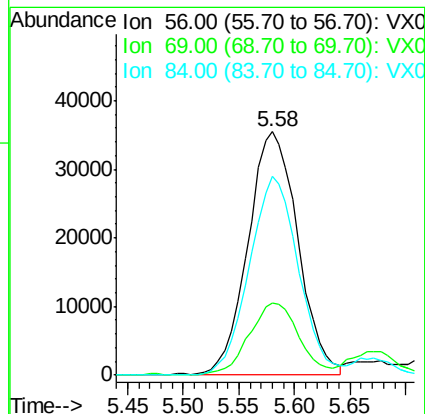
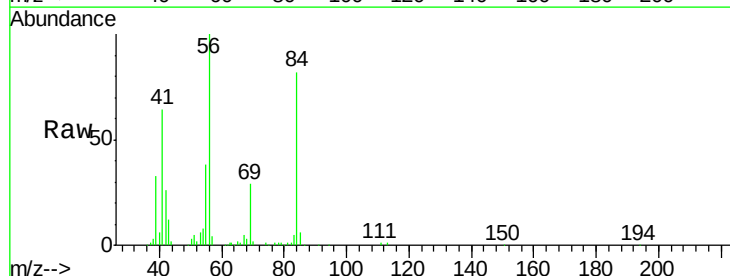
RT: 5.58 min Scan# 819

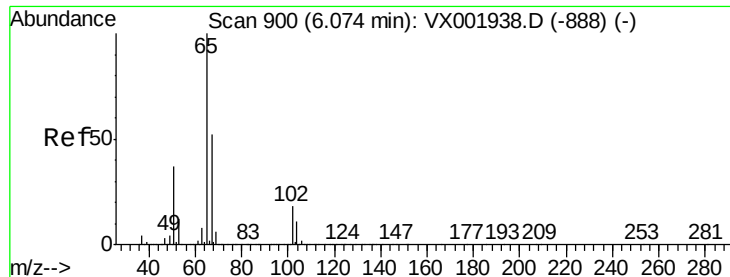
Delta R.T. 0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Tgt Ion:	56	Resp:	109751
Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.1	34.7
84	82.0	62.0	93.0

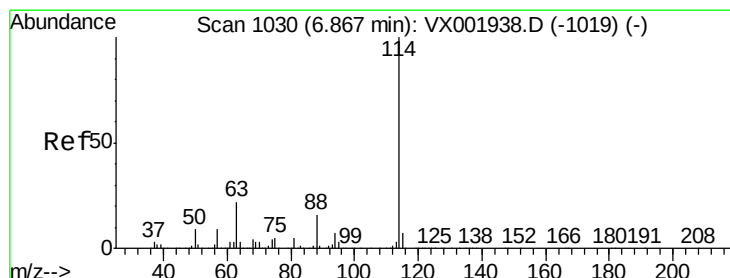
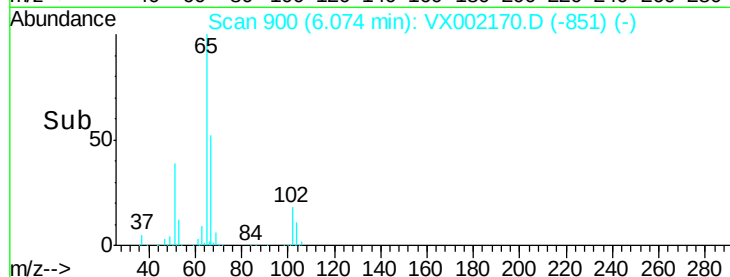
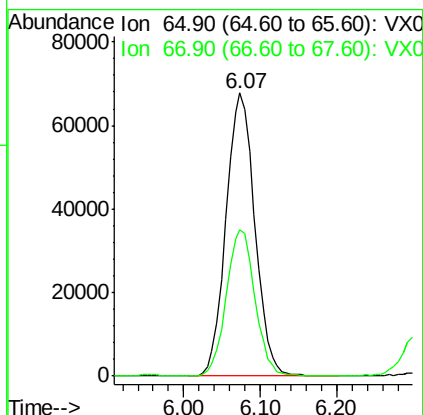
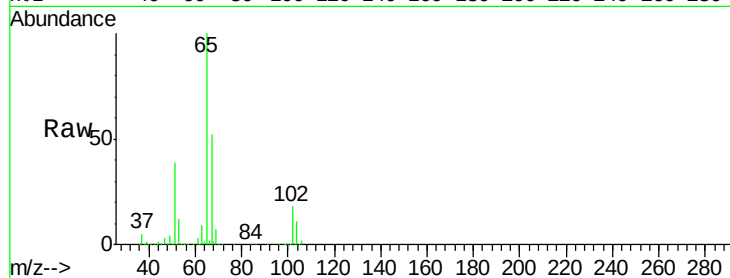




#33
 1,2-Dichloroethane-d4
 Concen: 35.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002170.D
 Acq: 31 May 2018 07:03

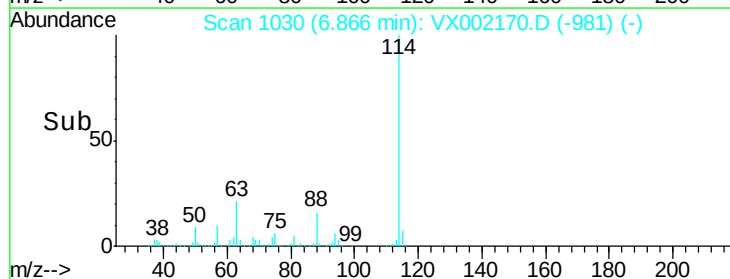
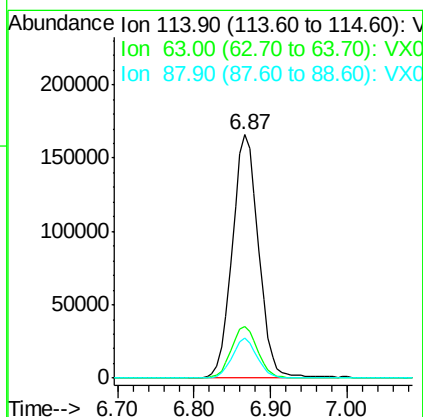
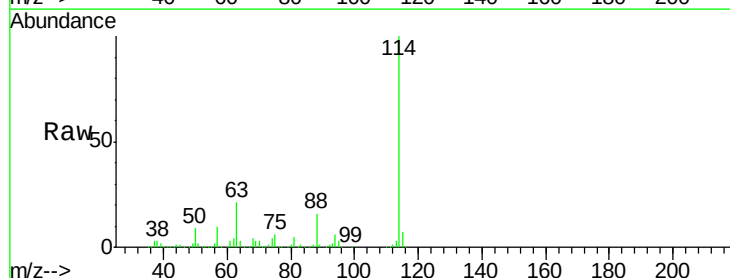
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

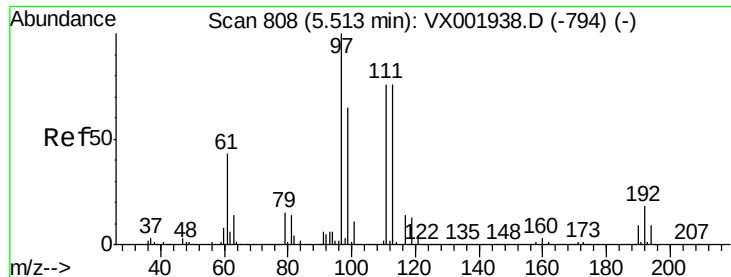
Tgt Ion: 65 Resp: 176677
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002170.D
 Acq: 31 May 2018 07:03

Tgt Ion: 114 Resp: 394736
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.3 0.0 31.6

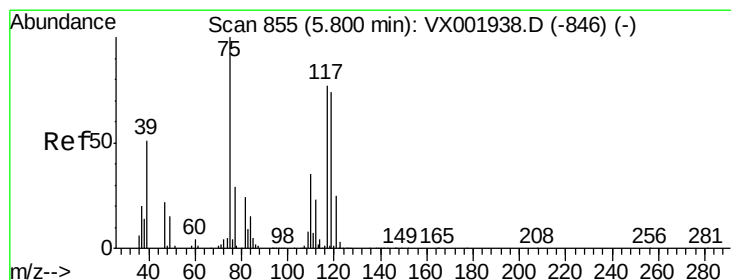
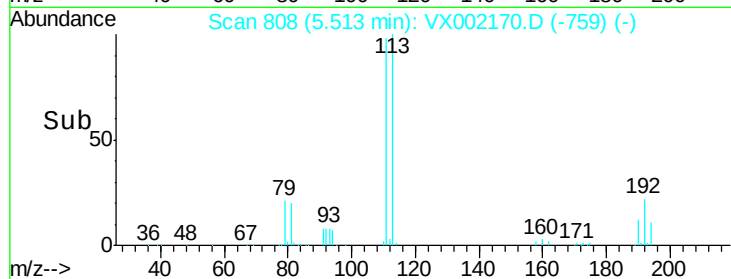
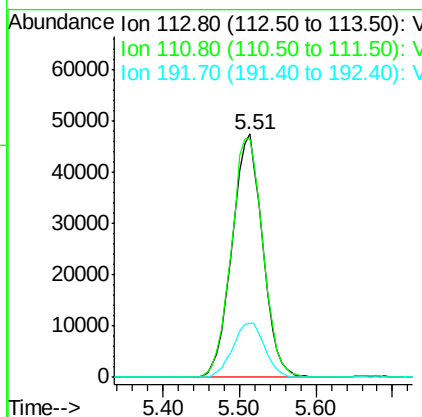
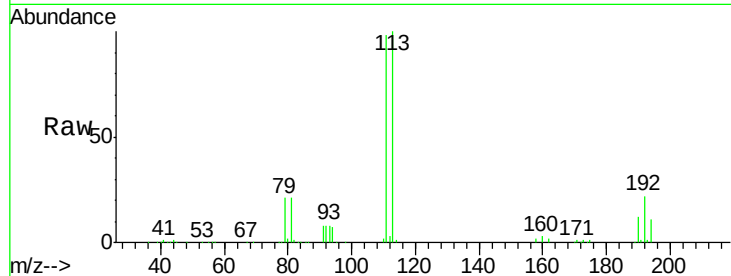




#35
 Dibromofluoromethane
 Concen: 33.34 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX002170.D
 Acq: 31 May 2018 07:03

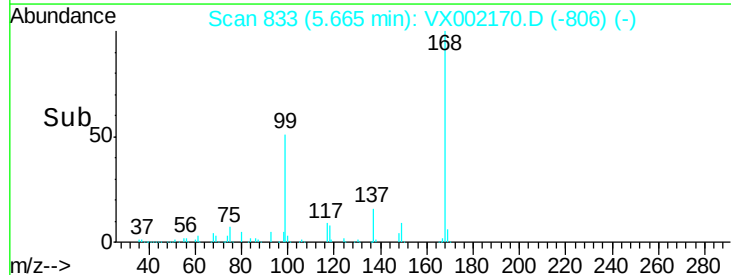
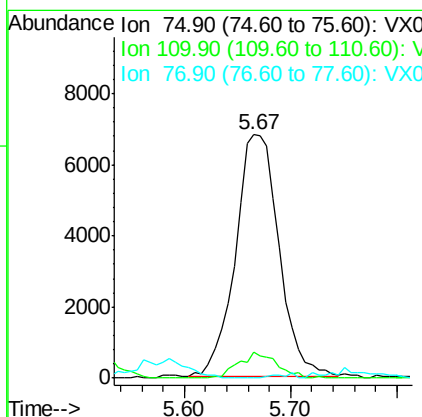
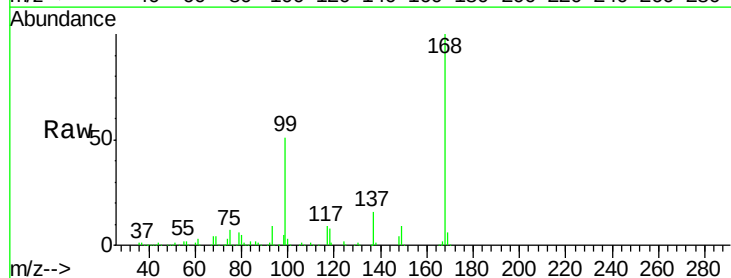
Instrument :
 MSVOA_X
 ClientSampled :
 MW-34

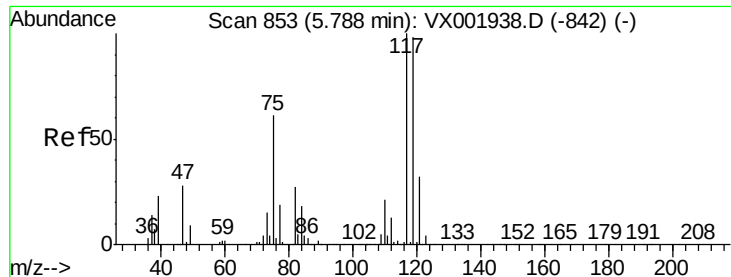
Tgt Ion:113 Resp: 131603
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 23.5 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 3.53 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002170.D
 Acq: 31 May 2018 07:03

Tgt Ion: 75 Resp: 19399
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.4 52.2#
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.03 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampled :

MW-34

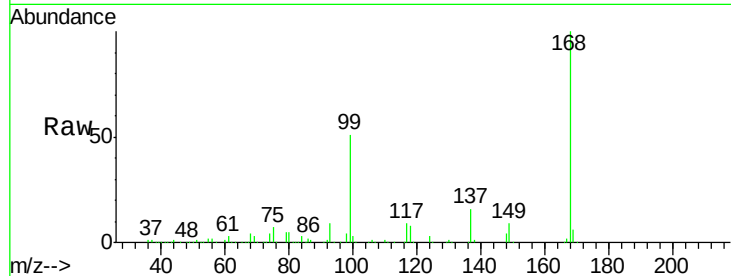
Tgt Ion:117 Resp: 25788

Ion Ratio Lower Upper

117 100

119 4.8 78.5 117.7#

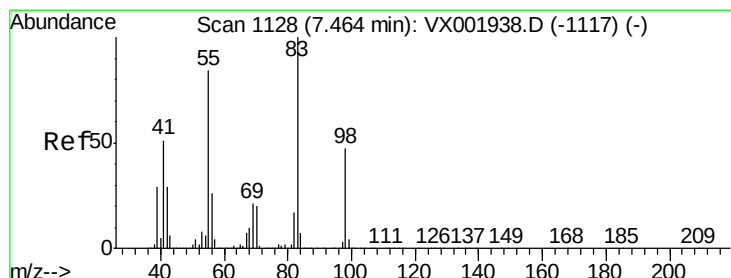
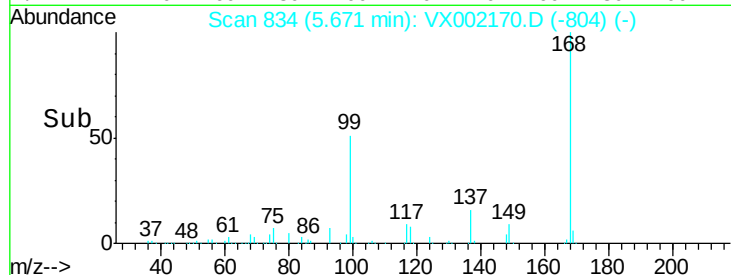
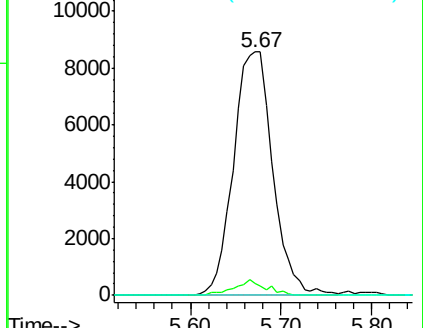
121 0.0 25.5 38.3#



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



#39

Methylcyclohexane

Concen: 19.26 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

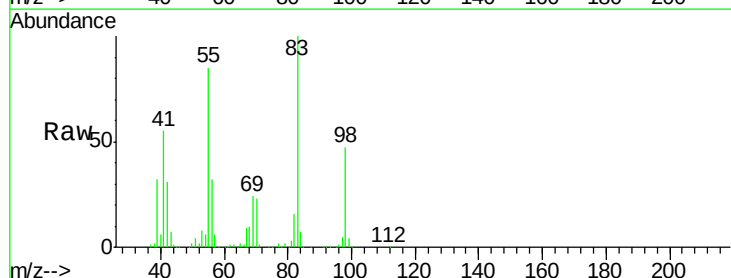
Tgt Ion: 83 Resp: 129920

Ion Ratio Lower Upper

83 100

55 84.9 67.3 100.9

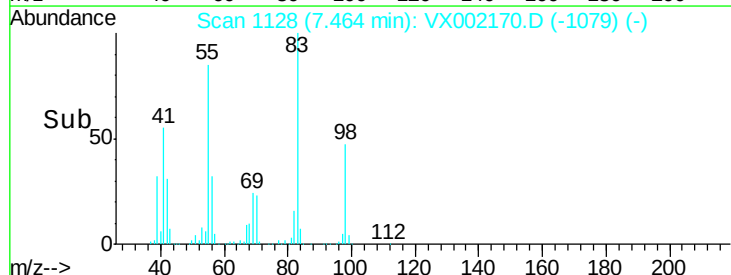
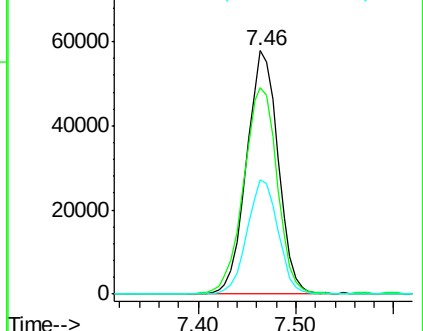
98 47.0 37.5 56.3

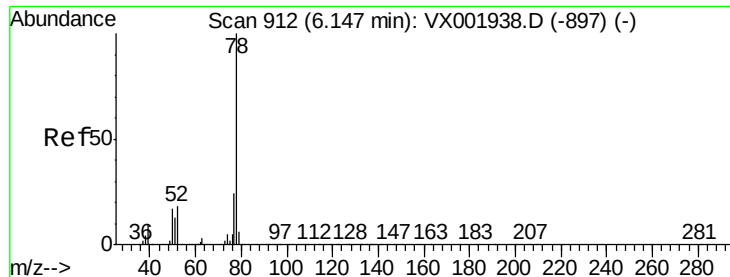


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.41 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampled :

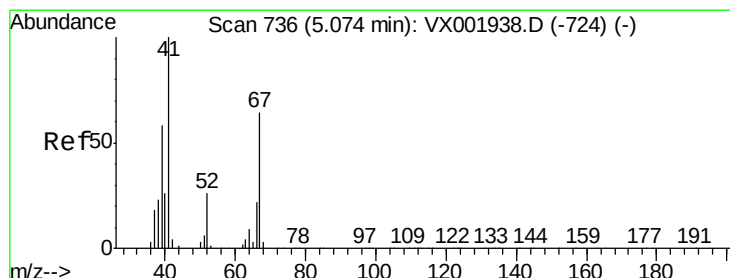
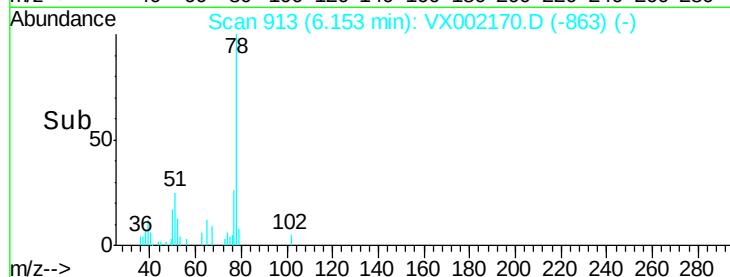
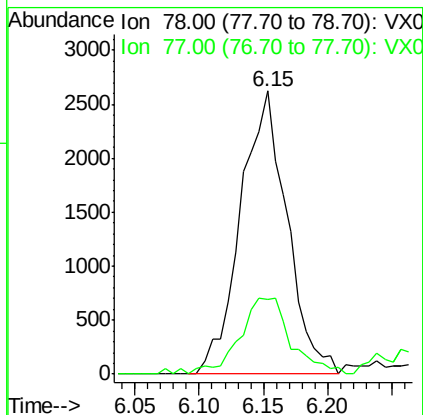
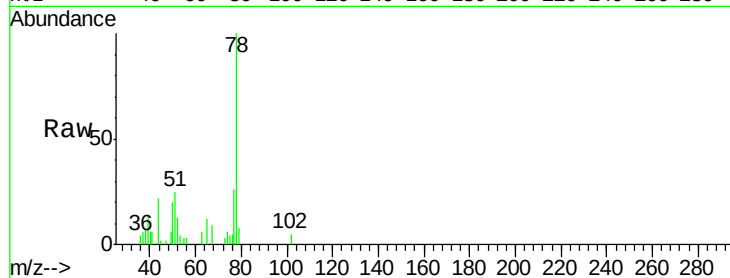
MW-34

Tgt Ion: 78 Resp: 6568

Ion Ratio Lower Upper

78 100

77 26.3 19.1 28.7



#41

Methacrylonitrile

Concen: Below Cal

RT: 5.10 min Scan# 740

Delta R.T. 0.02 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Tgt Ion: 41 Resp: 140

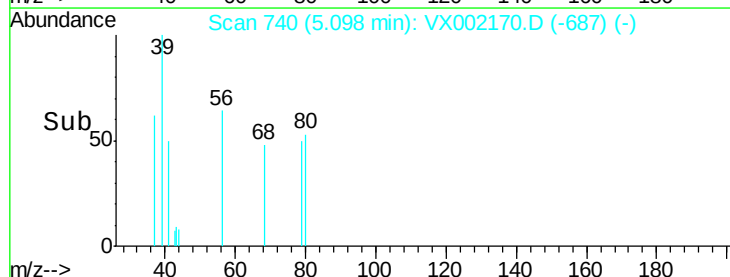
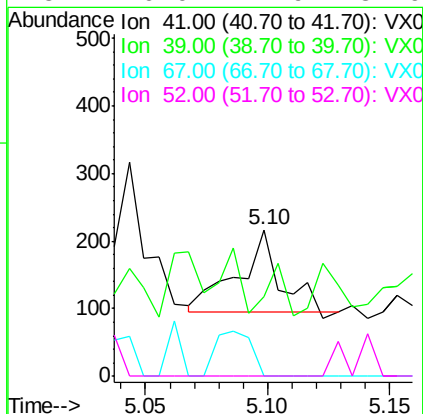
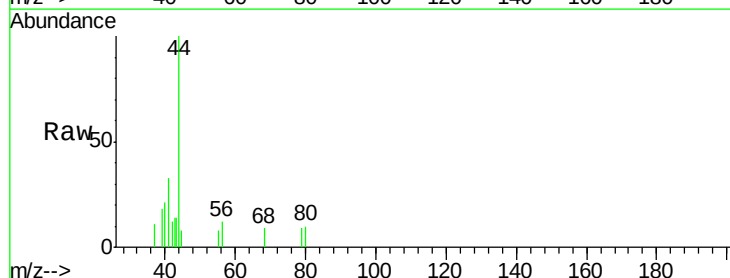
Ion Ratio Lower Upper

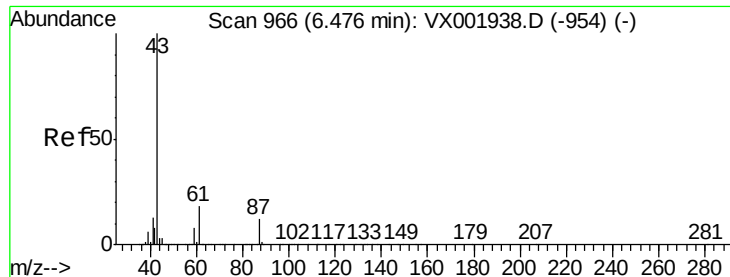
41 100

39 0.0 46.0 69.0#

67 0.0 50.6 75.8#

52 0.0 21.9 32.9#





#43

Isopropyl Acetate

Concen: 0.27 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampleId :

MW-34

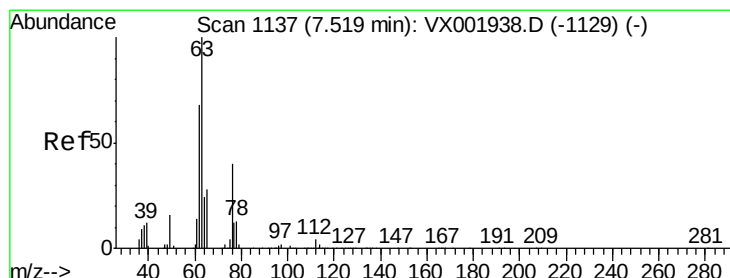
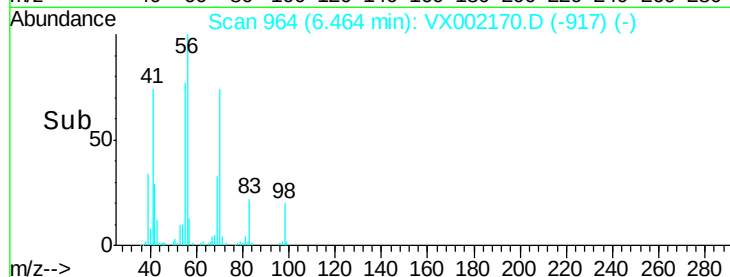
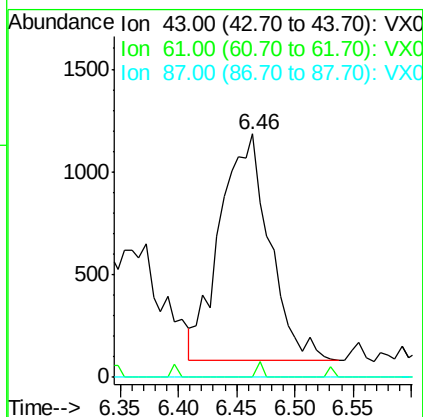
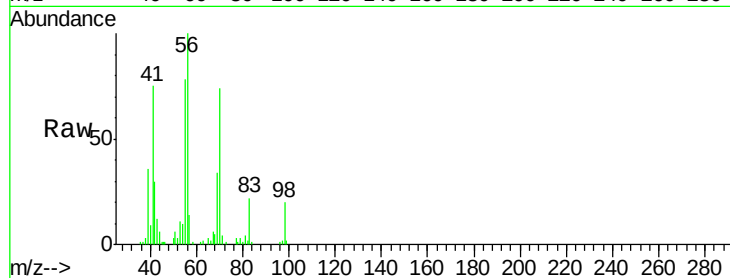
Tgt Ion: 43 Resp: 3254

Ion Ratio Lower Upper

43 100

61 0.8 14.5 21.7#

87 0.0 9.5 14.3#



#45

1,2-Dichloropropane

Concen: 0.38 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX002170.D

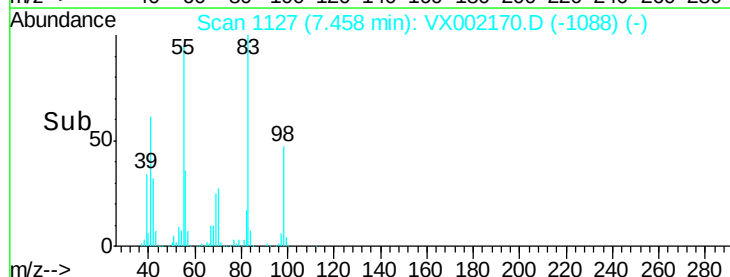
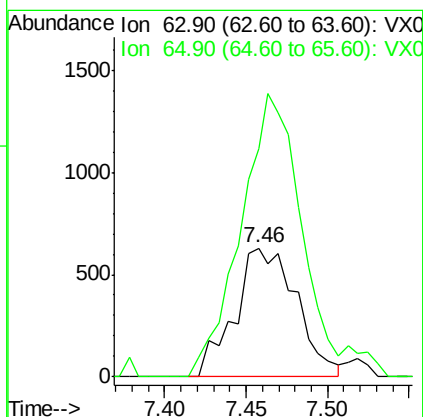
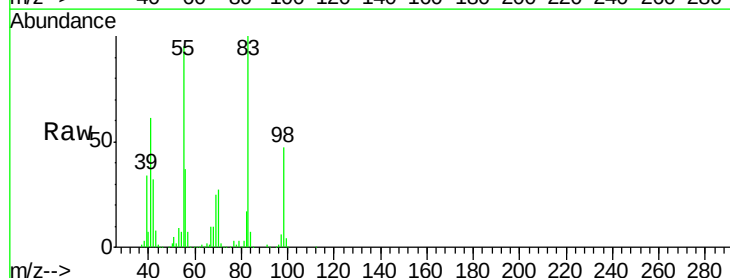
Acq: 31 May 2018 07:03

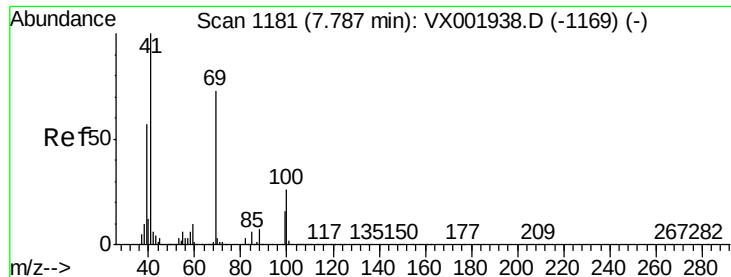
Tgt Ion: 63 Resp: 1653

Ion Ratio Lower Upper

63 100

65 177.6 24.1 36.1#

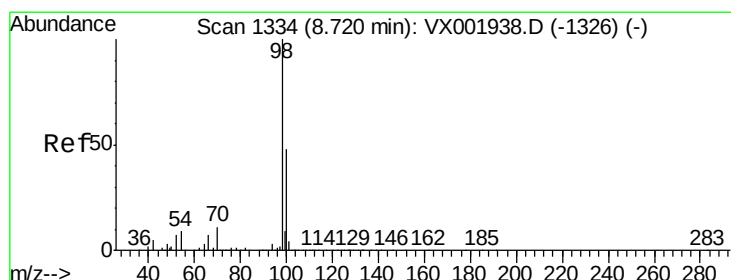
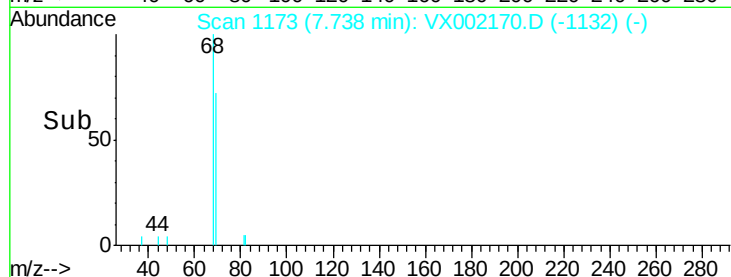
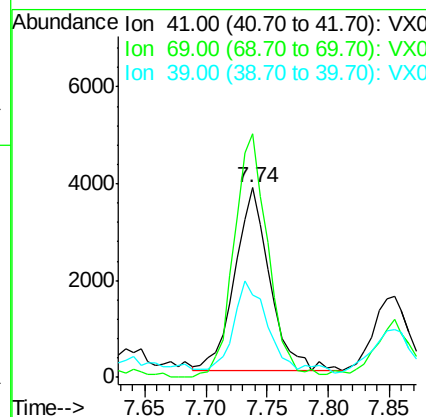
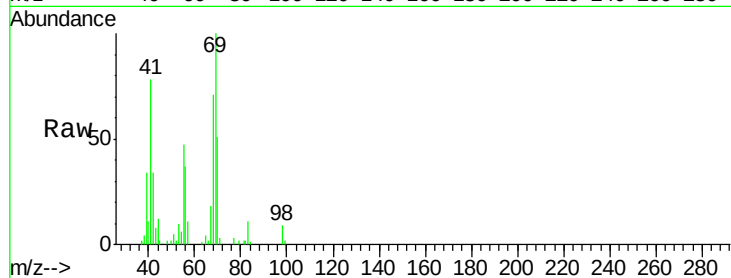




#48
Methyl methacrylate
Concen: 1.22 ug/l
RT: 7.74 min Scan# 1173
Delta R.T. -0.05 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

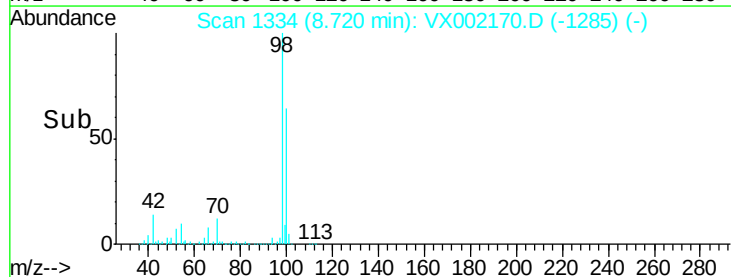
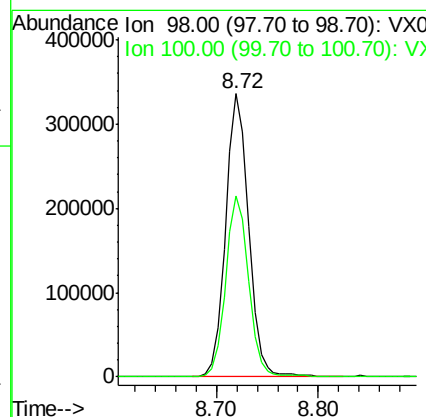
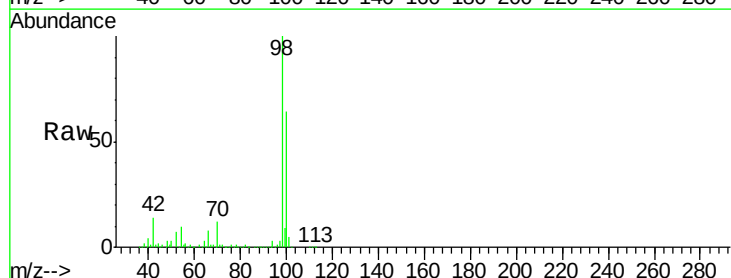
Instrument :
MSVOA_X
ClientSampled :
MW-34

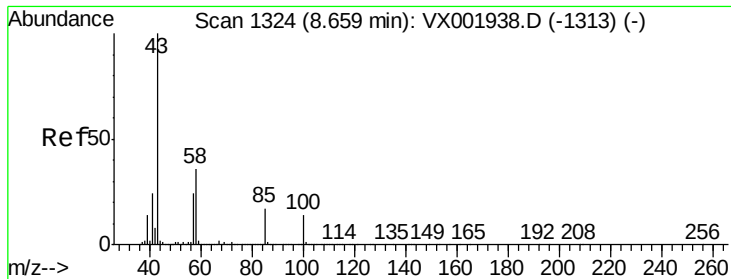
Tgt Ion: 41 Resp: 7421
Ion Ratio Lower Upper
41 100
69 130.2 58.6 87.8#
39 45.0 46.3 69.5#



#50
Toluene-d8
Concen: 36.48 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

Tgt Ion: 98 Resp: 521318
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.60 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampled :

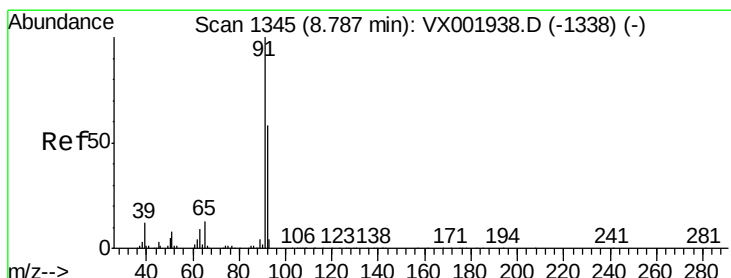
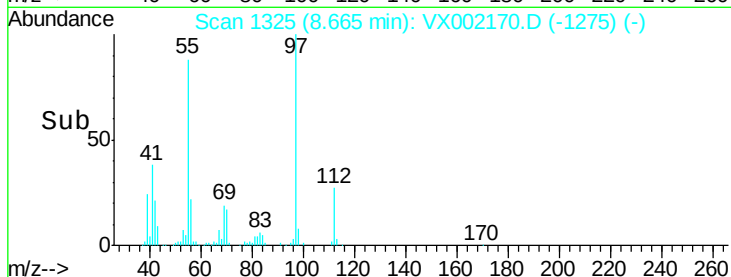
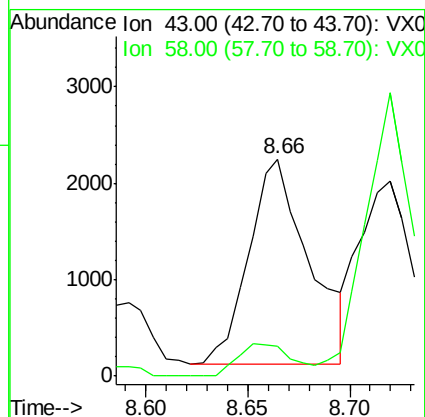
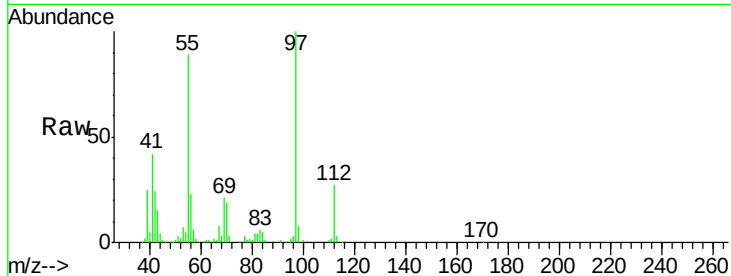
MW-34

Tgt Ion: 43 Resp: 4326

Ion Ratio Lower Upper

43 100

58 14.7 28.5 42.7#



#52

Toluene

Concen: 0.37 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002170.D

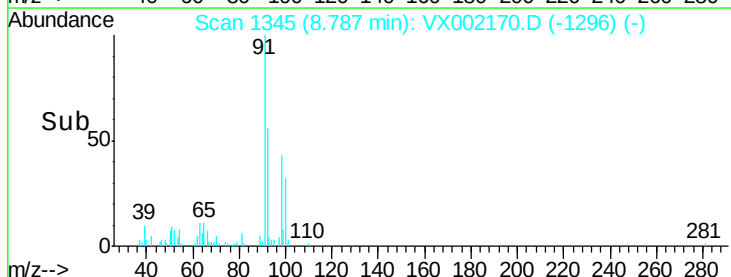
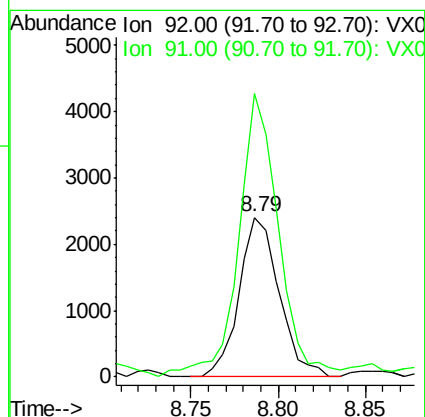
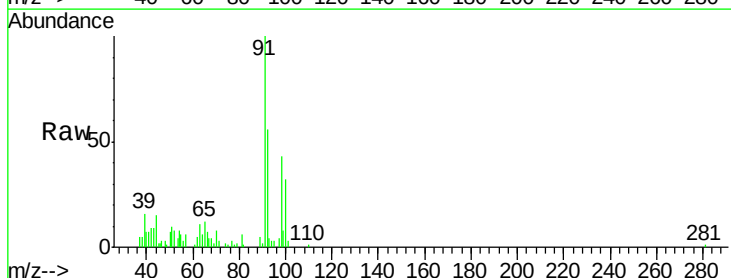
Acq: 31 May 2018 07:03

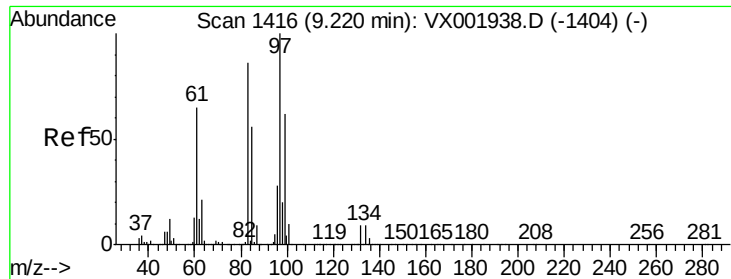
Tgt Ion: 92 Resp: 3831

Ion Ratio Lower Upper

92 100

91 177.5 139.4 209.2





#55

1,1,2-Trichloroethane

Concen: 4.35 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampleId :

MW-34

Tgt Ion: 97 Resp: 18603

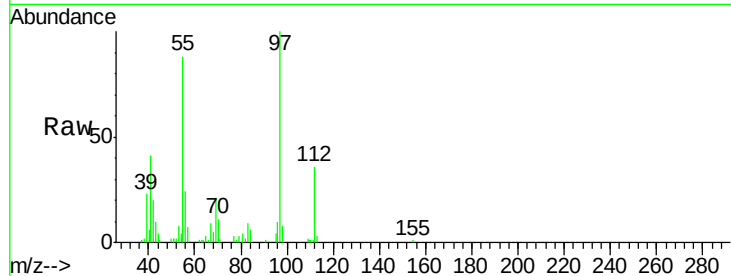
Ion Ratio Lower Upper

97 100

83 7.7 69.1 103.7#

85 0.0 45.2 67.8#

99 0.0 49.6 74.4#

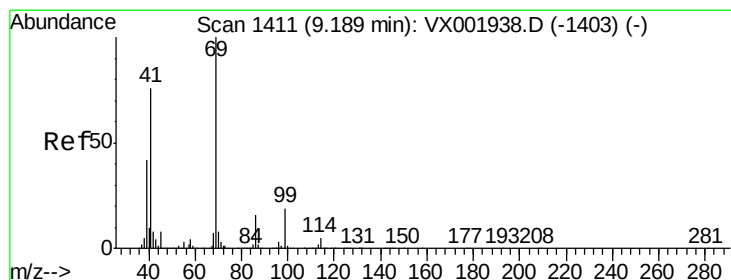
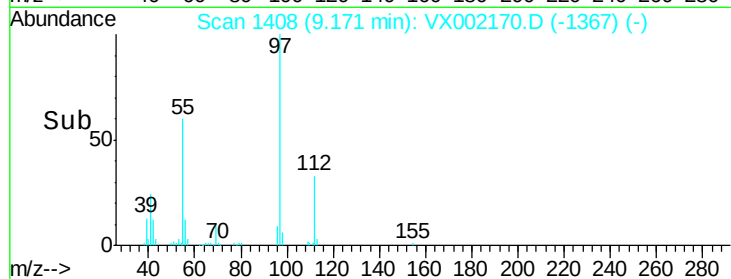
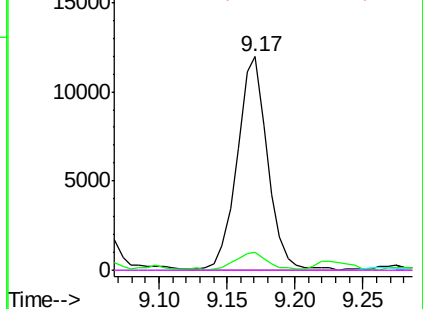


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 0.60 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.02 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

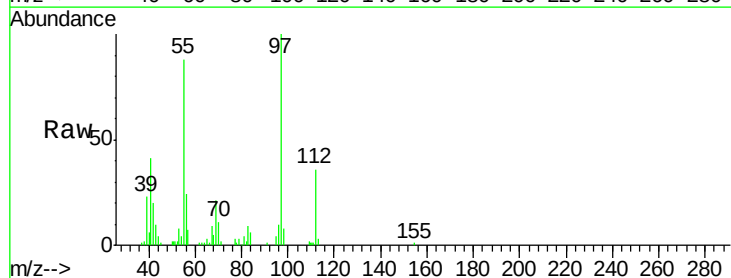
Tgt Ion: 69 Resp: 4379

Ion Ratio Lower Upper

69 100

41 177.0 61.0 91.6#

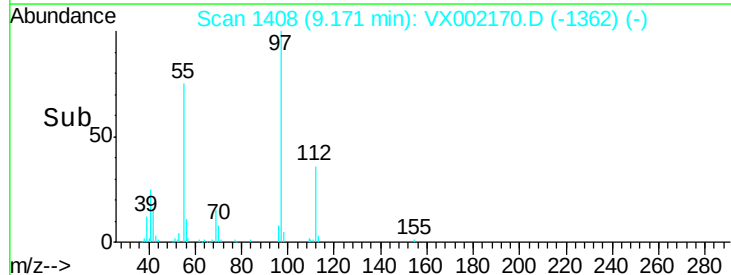
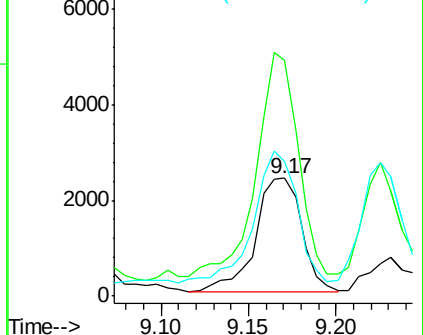
39 116.8 34.4 51.6#

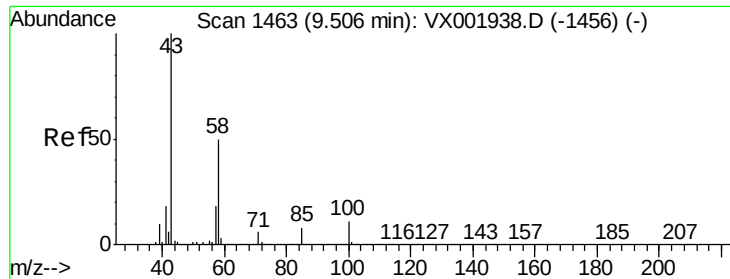


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

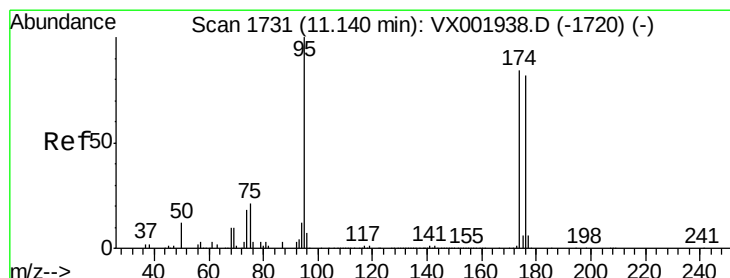
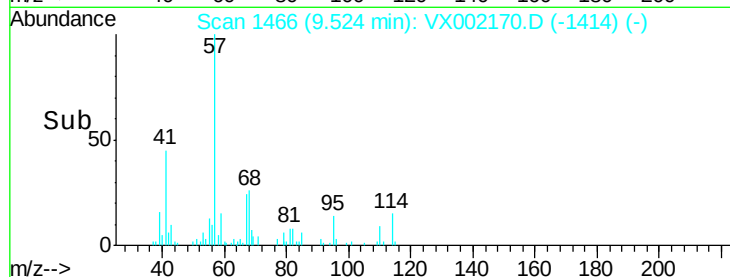
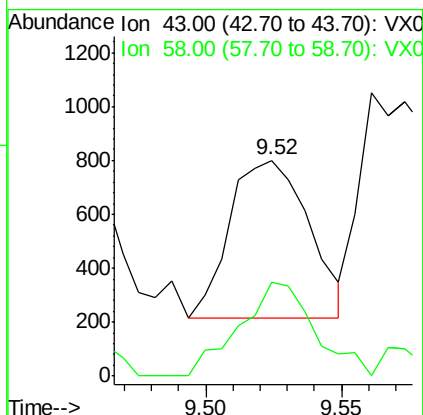
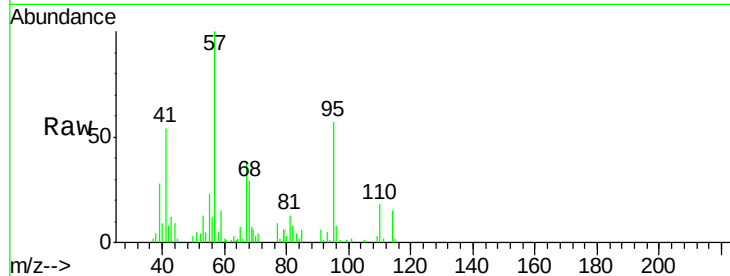




#59
2-Hexanone
Concen: 0.21 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

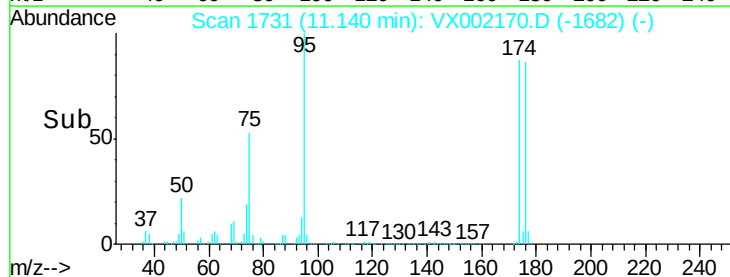
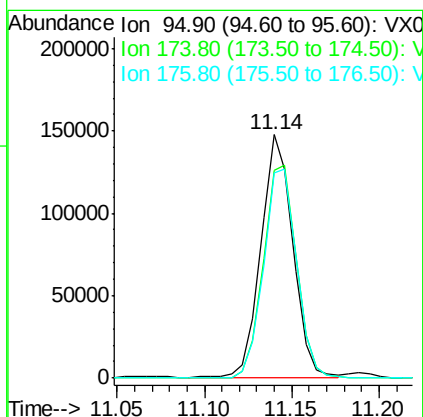
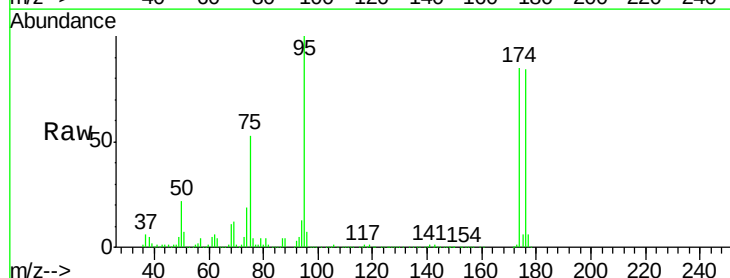
Instrument :
MSVOA_X
ClientSampled :
MW-34

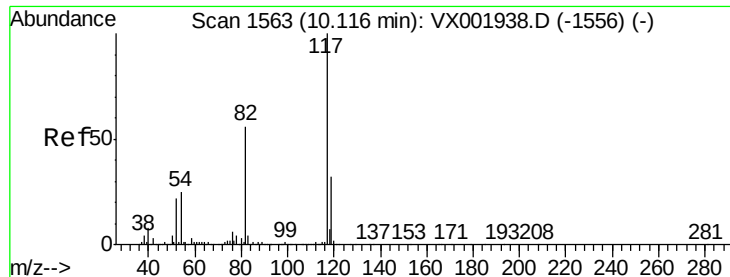
Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
58 56.4 24.9 74.6



#62
4-Bromofluorobenzene
Concen: 33.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

Tgt Ion: 95 Resp: 186771
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.8
176 89.8 0.0 175.6

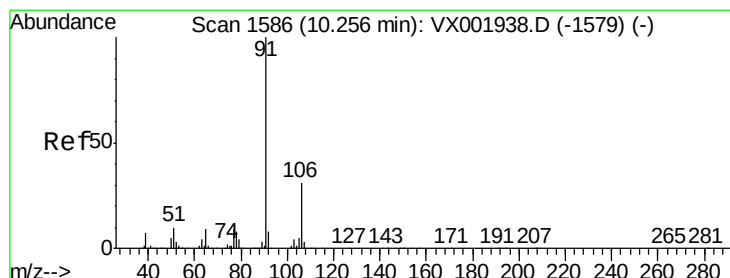
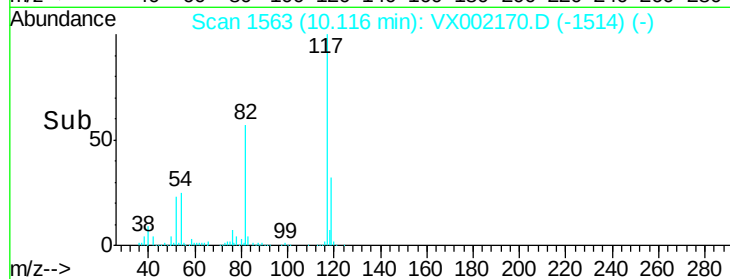
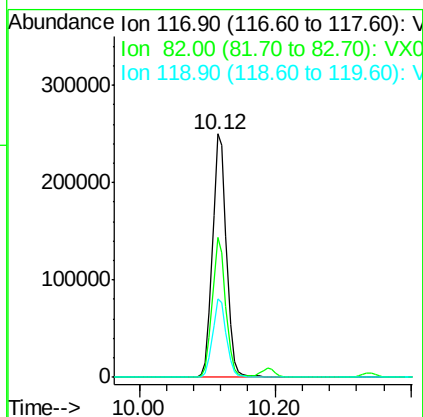
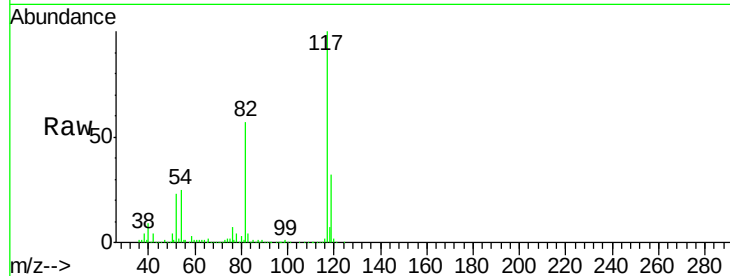




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

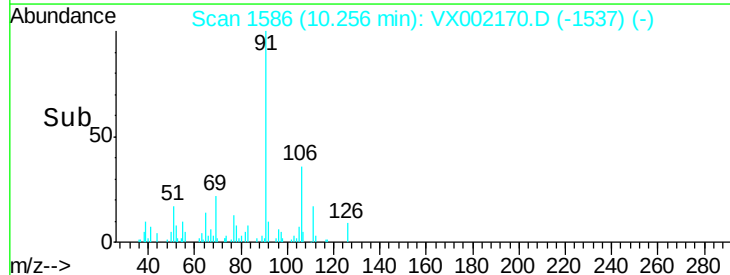
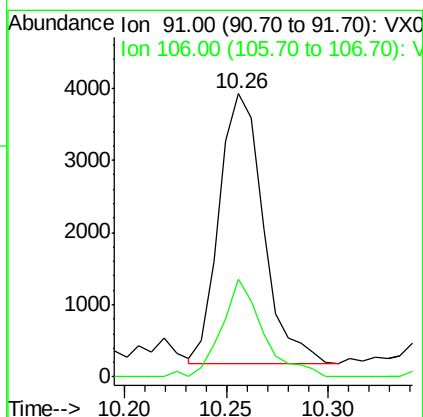
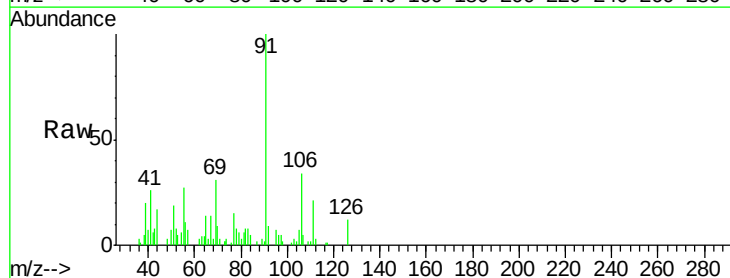
Instrument :
MSVOA_X
ClientSampled :
MW-34

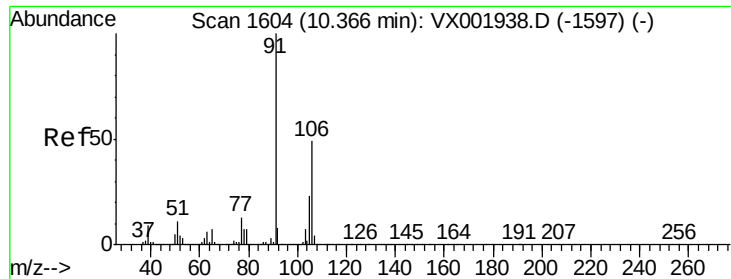
Tgt Ion: 117 Resp: 355480
Ion Ratio Lower Upper
117 100
82 57.4 44.8 67.2
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 0.28 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

Tgt Ion: 91 Resp: 5567
Ion Ratio Lower Upper
91 100
106 36.2 25.0 37.6

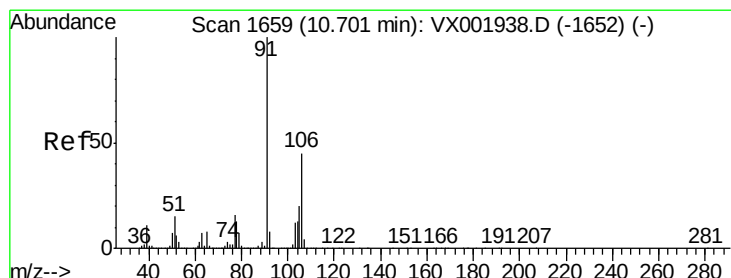
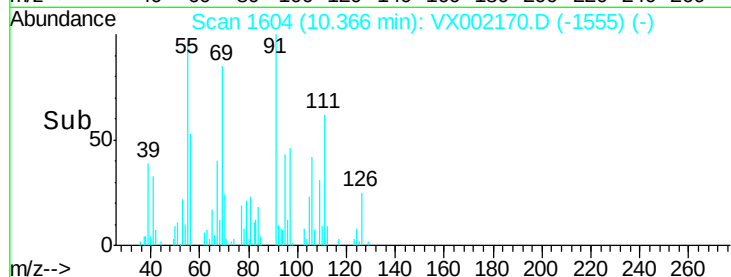
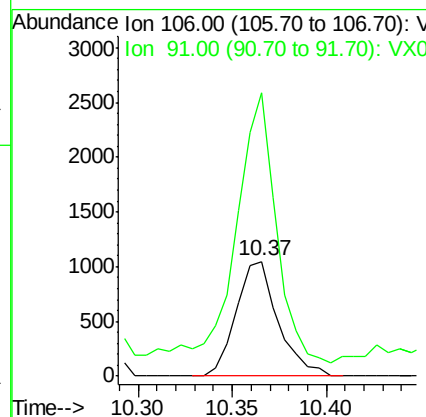
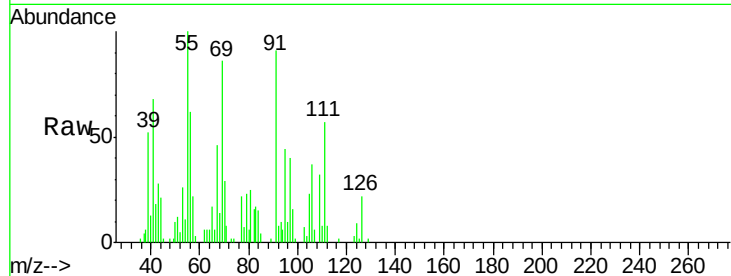




#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

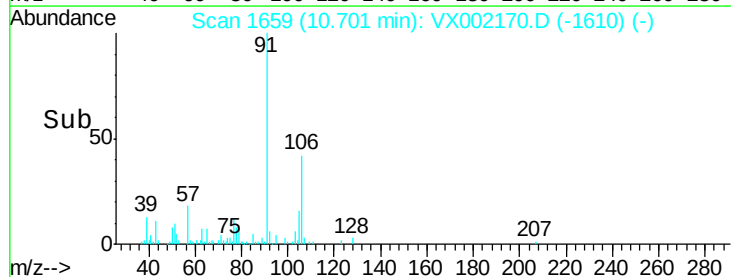
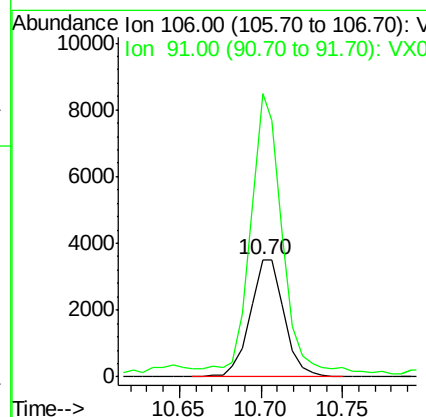
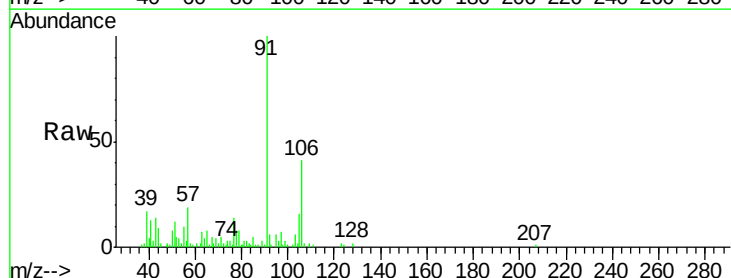
Instrument :
MSVOA_X
ClientSampleId :
MW-34

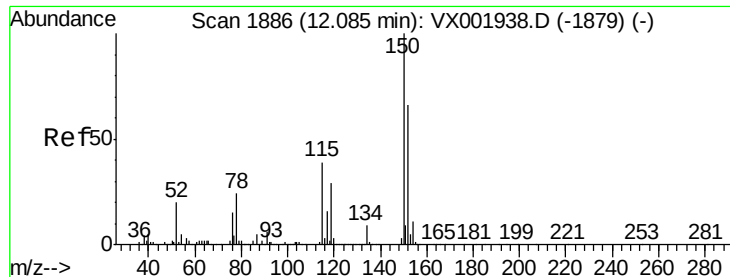
Tgt Ion:106 Resp: 1615
Ion Ratio Lower Upper
106 100
91 239.6 165.0 247.6



#69
o-Xylene
Concen: 0.68 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

Tgt Ion:106 Resp: 5102
Ion Ratio Lower Upper
106 100
91 219.6 108.7 325.9

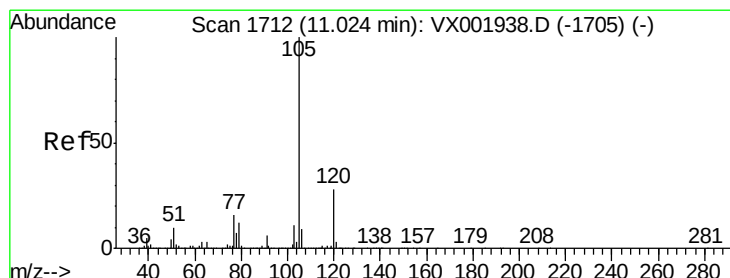
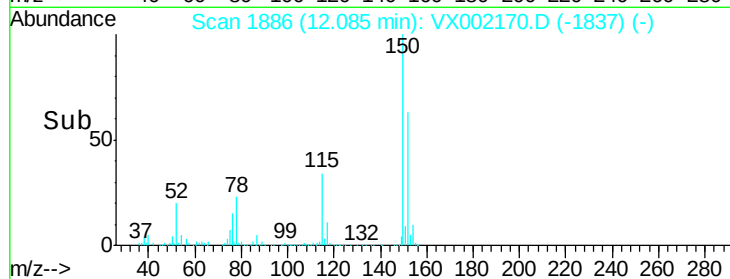
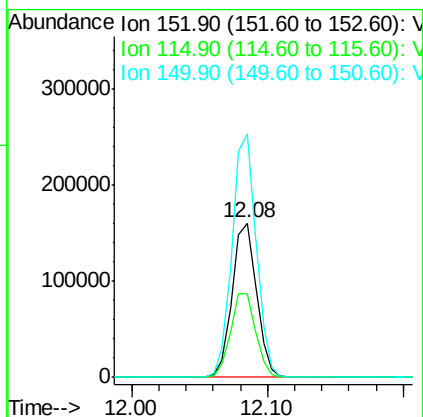
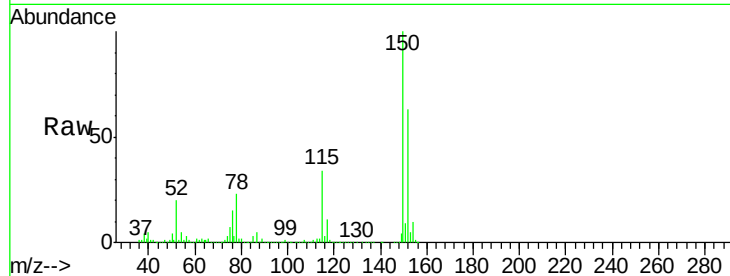




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002170.D
 Acq: 31 May 2018 07:03

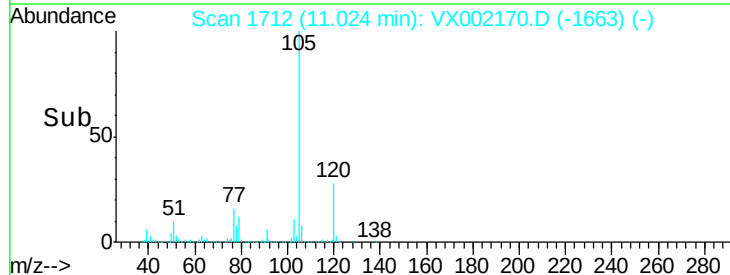
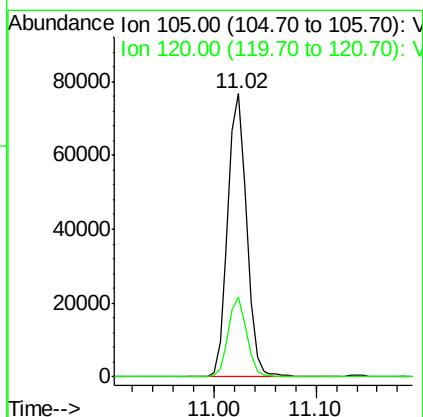
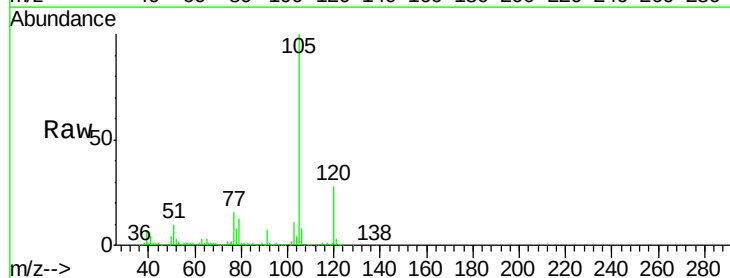
Instrument :
 MSVOA_X
 ClientSampled :
 MW-34

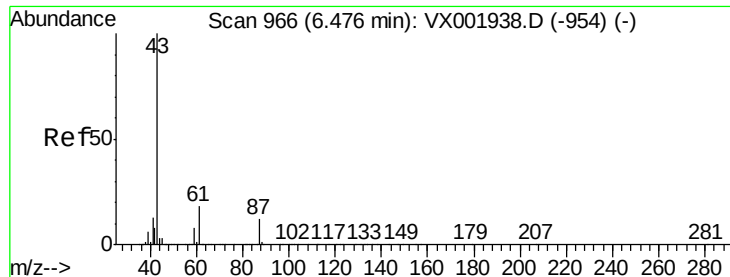
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	42.3	126.8
150	156.8	0.0	351.0



#73
 Isopropylbenzene
 Concen: 5.84 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX002170.D
 Acq: 31 May 2018 07:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.6	40.7





#74

N-amyI acetate

Concen: Below Cal

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampleId :

MW-34

Tgt Ion: 43 Resp: 3254

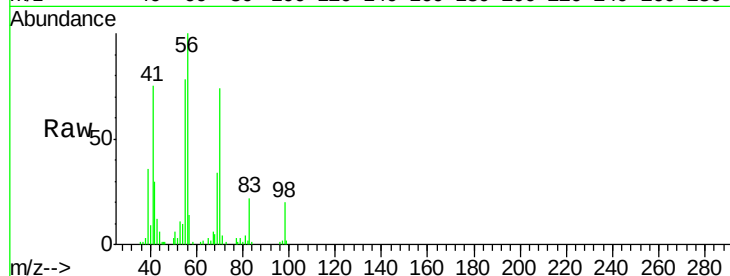
Ion Ratio Lower Upper

43 100

70 654.1 0.1 0.1#

55 715.1 0.1 0.1#

61 0.8 14.5 21.7#

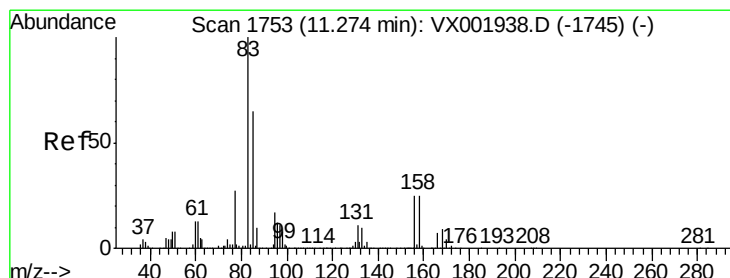
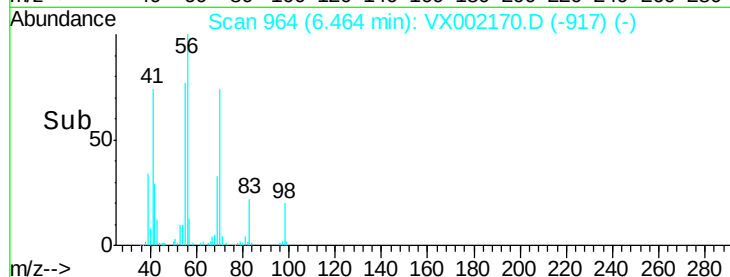
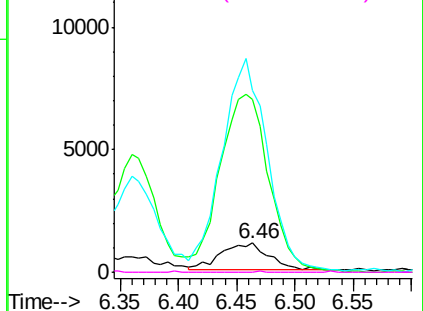


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

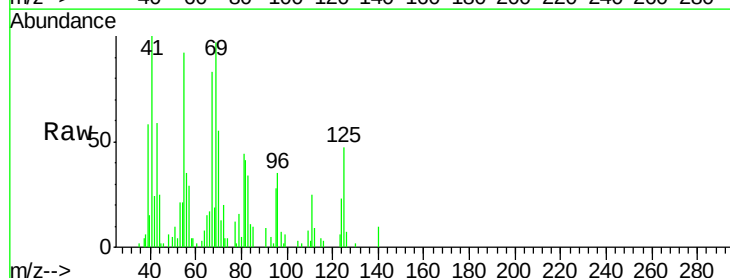
Tgt Ion: 83 Resp: 913

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

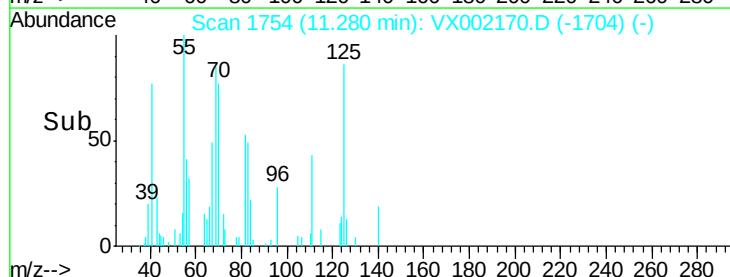
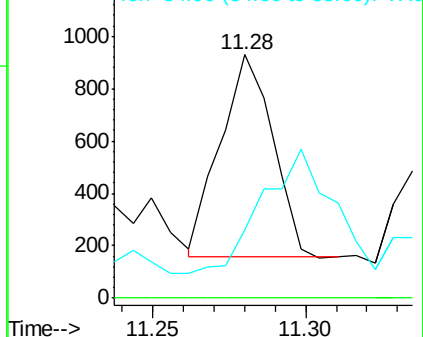
85 81.3 32.6 97.7

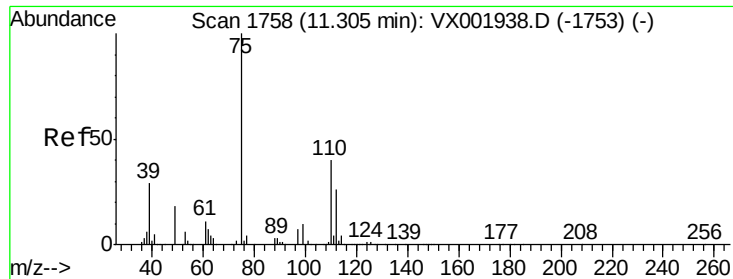


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 20.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.17 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampled :

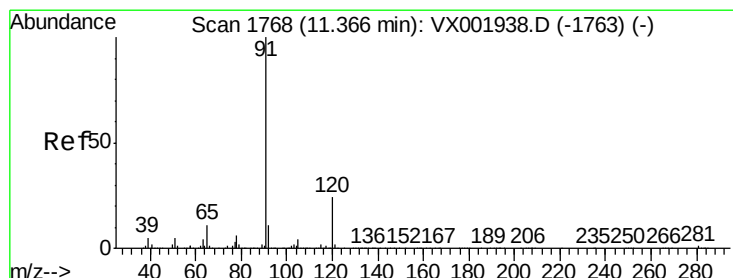
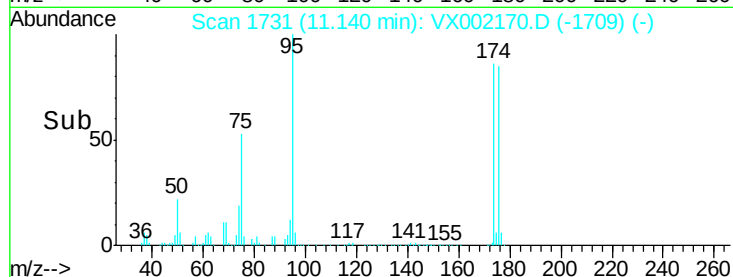
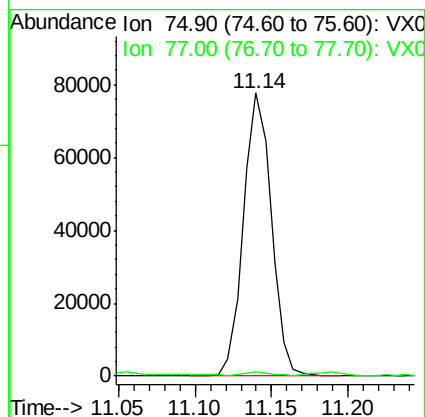
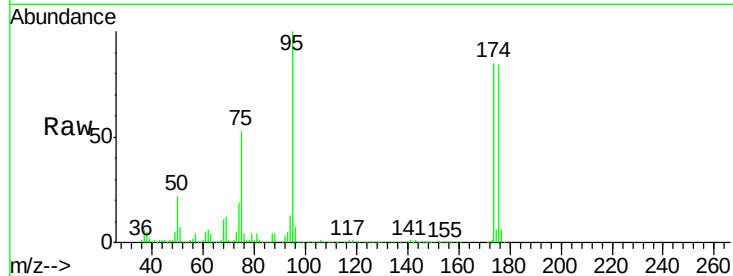
MW-34

Tgt Ion: 75 Resp: 98948

Ion Ratio Lower Upper

75 100

77 1.0 22.8 68.3#



#78

n-propylbenzene

Concen: 5.52 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002170.D

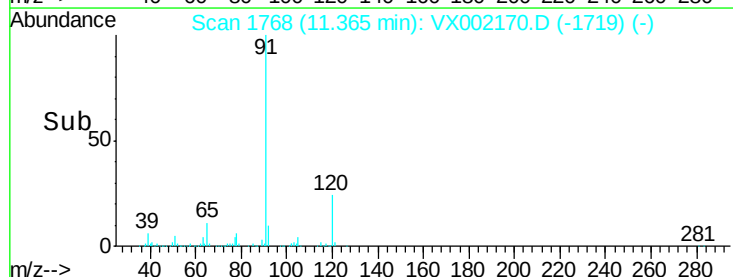
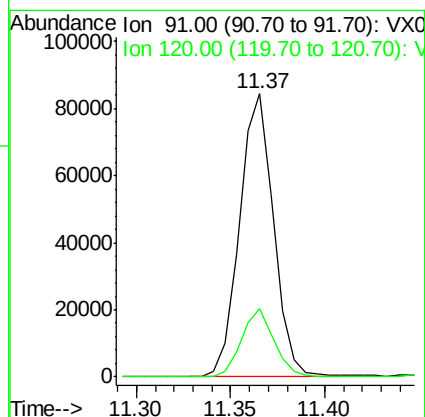
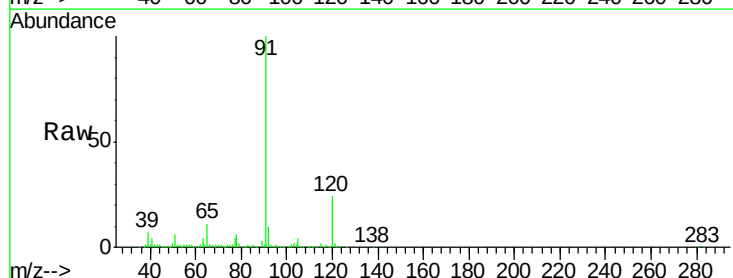
Acq: 31 May 2018 07:03

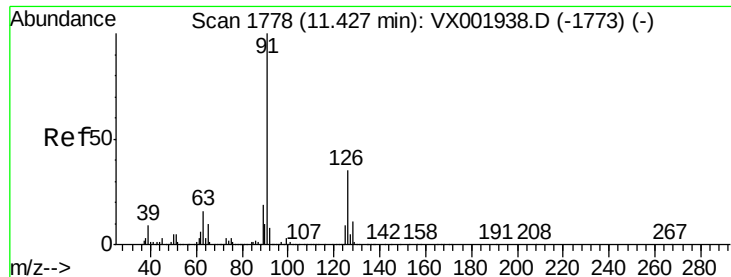
Tgt Ion: 91 Resp: 104516

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.7





#79

2-Chlorotoluene

Concen: 8.13 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampleId :

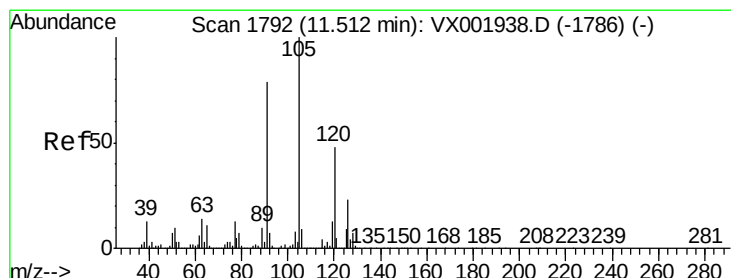
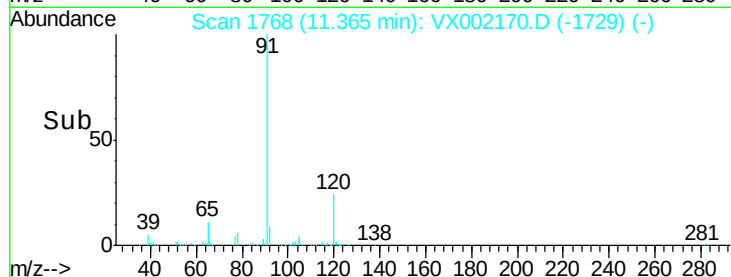
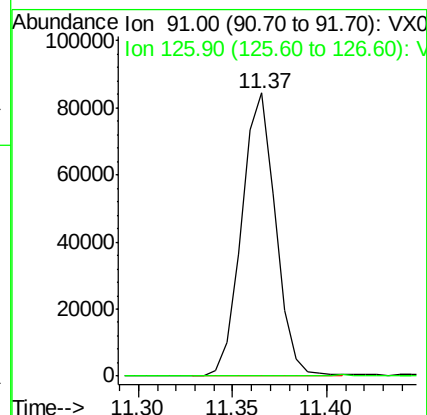
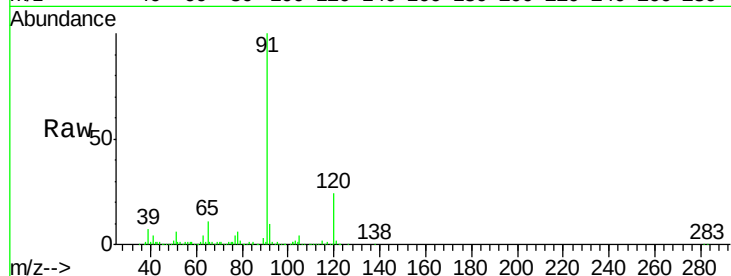
MW-34

Tgt Ion: 91 Resp: 104516

Ion Ratio Lower Upper

91 100

126 0.4 17.4 52.2#



#80

1,3,5-Trimethylbenzene

Concen: 0.42 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002170.D

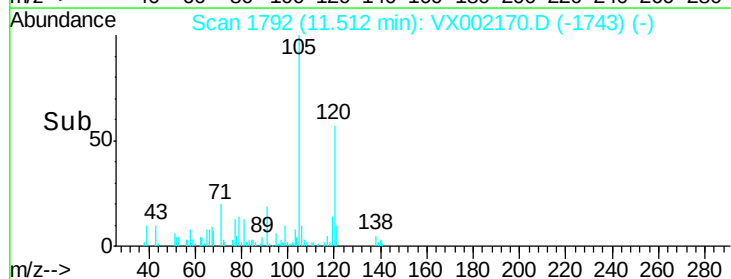
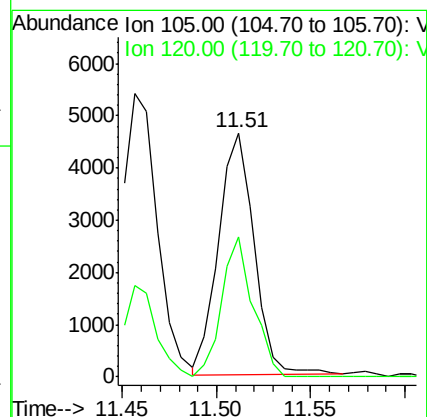
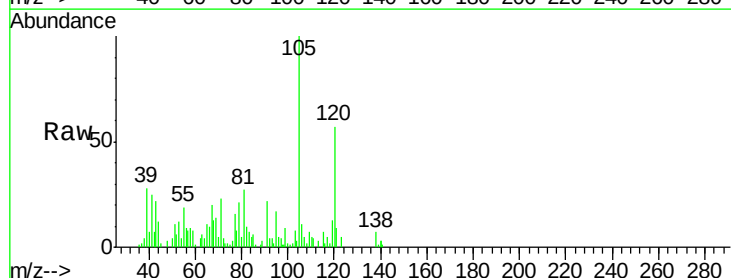
Acq: 31 May 2018 07:03

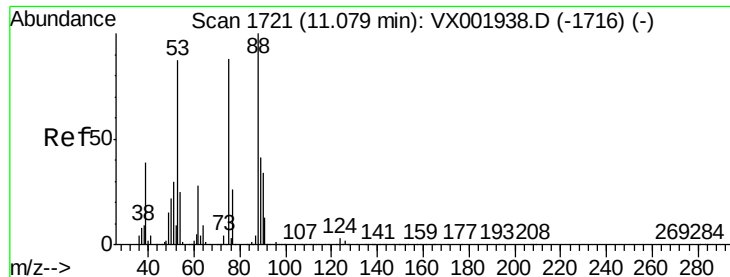
Tgt Ion: 105 Resp: 6067

Ion Ratio Lower Upper

105 100

120 51.0 24.1 72.4

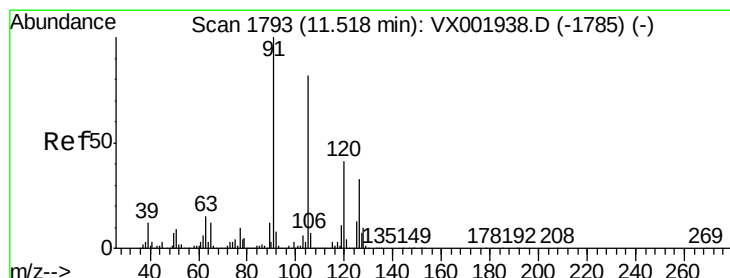
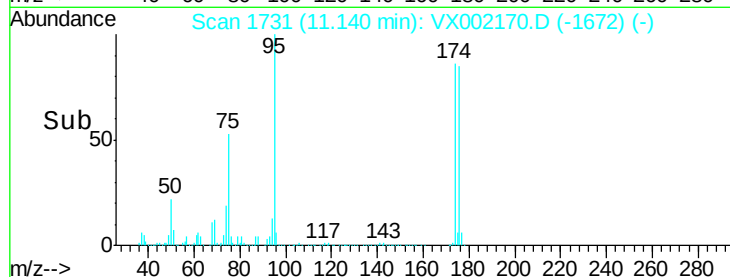
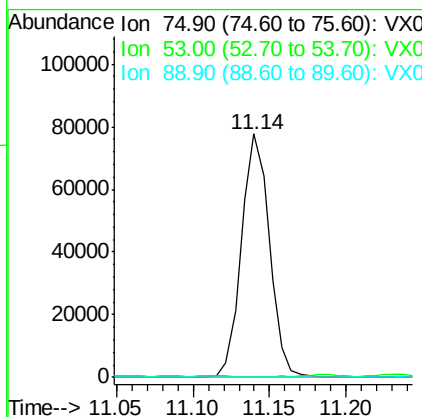
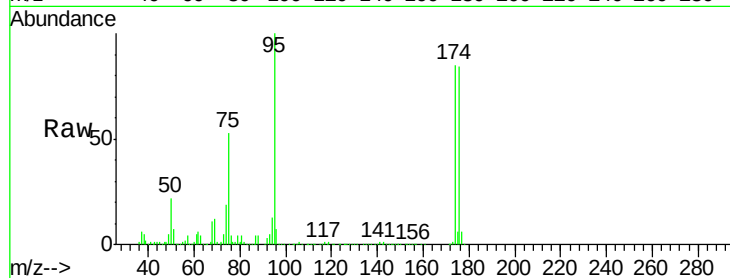




#81
trans-1,4-Dichloro-2-butene
Concen: 49.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

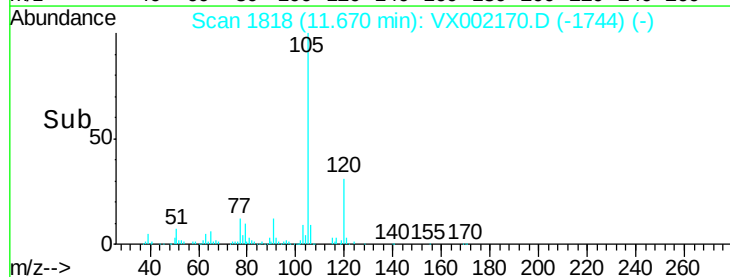
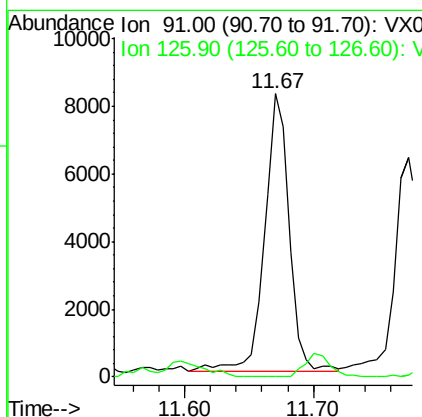
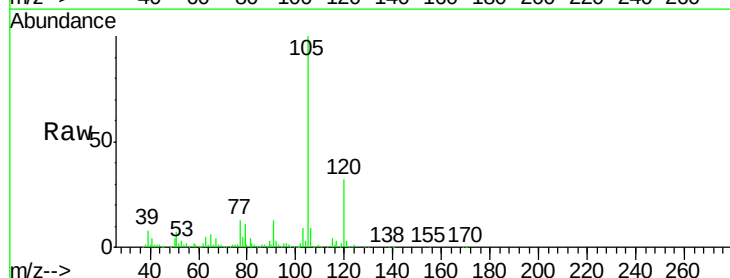
Instrument :
MSVOA_X
ClientSampled :
MW-34

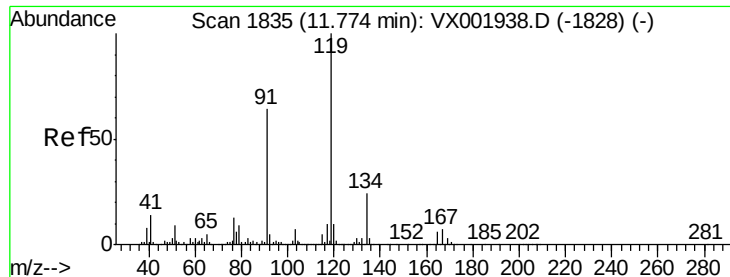
Tgt Ion: 75 Resp: 98948
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 39.4 59.2#



#82
4-Chlorotoluene
Concen: 0.80 ug/l
RT: 11.67 min Scan# 1818
Delta R.T. 0.15 min
Lab File: VX002170.D
Acq: 31 May 2018 07:03

Tgt Ion: 91 Resp: 10741
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.8#

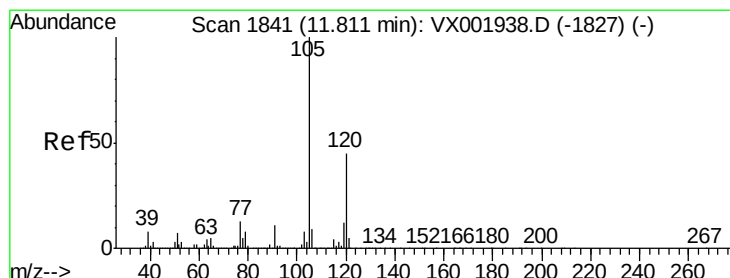
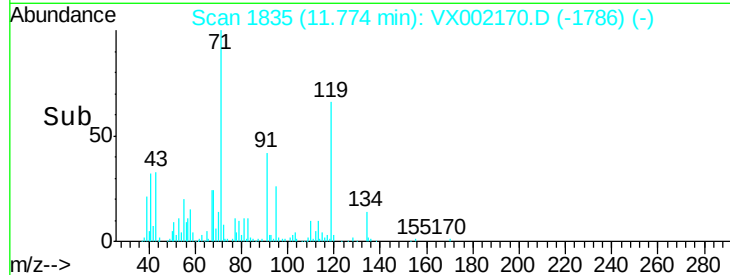
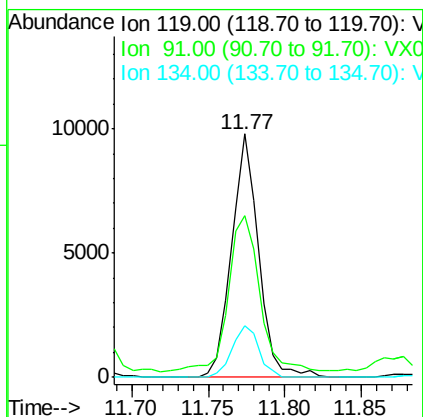
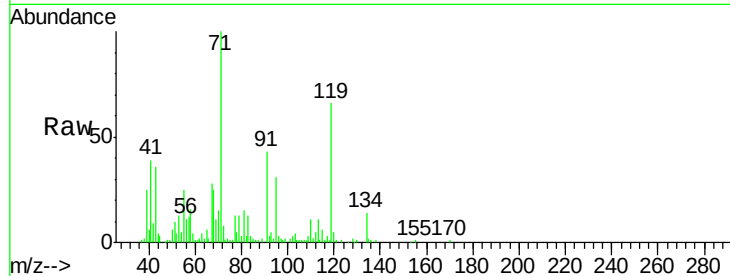




#83
 tert-Butylbenzene
 Concen: 0.85 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002170.D
 Acq: 31 May 2018 07:03

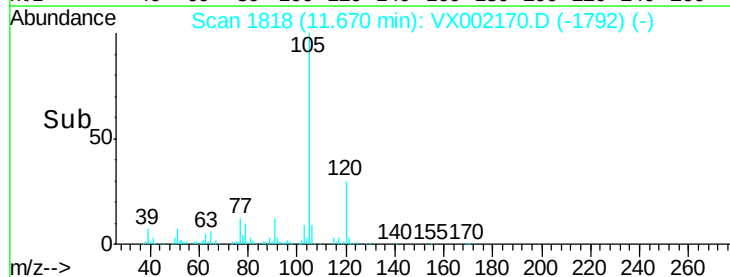
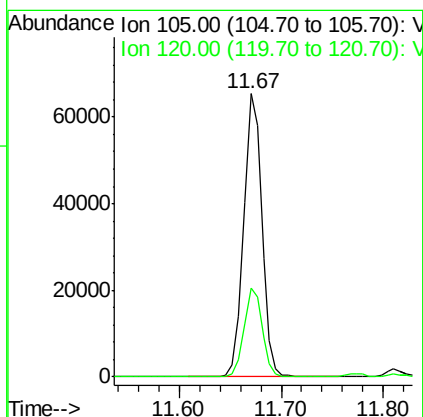
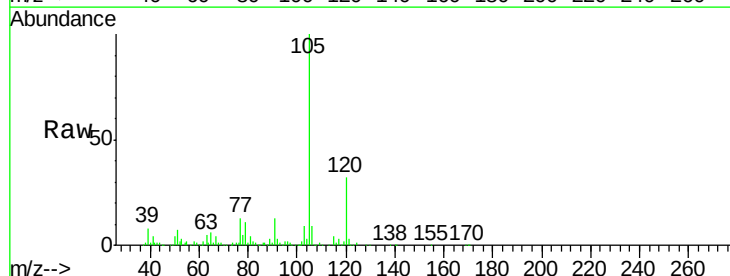
Instrument :
 MSVOA_X
 ClientSampled :
 MW-34

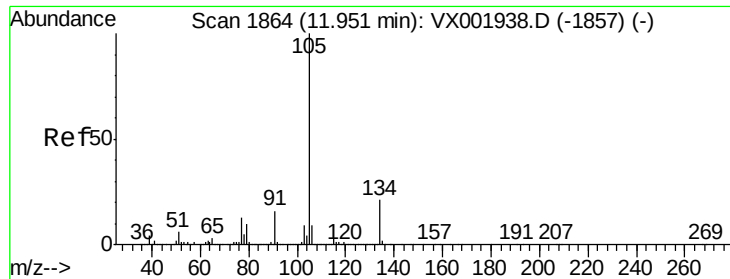
Tgt Ion	Ratio	Lower	Upper
119	100		
91	73.1	30.6	91.8
134	21.0	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 5.41 ug/l
 RT: 11.67 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VX002170.D
 Acq: 31 May 2018 07:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	31.3	22.1	66.5





#85

sec-Butylbenzene

Concen: 1.81 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampleId :

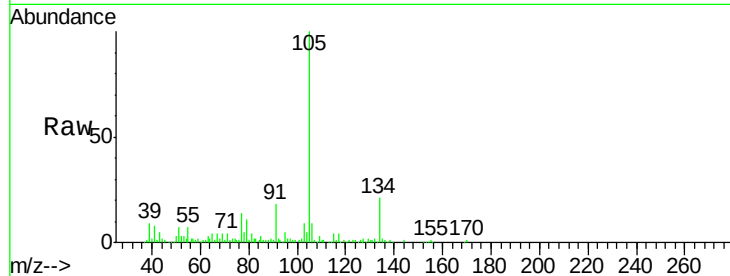
MW-34

Tgt Ion:105 Resp: 30816

Ion Ratio Lower Upper

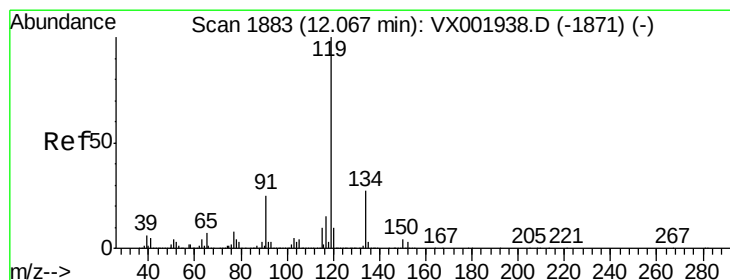
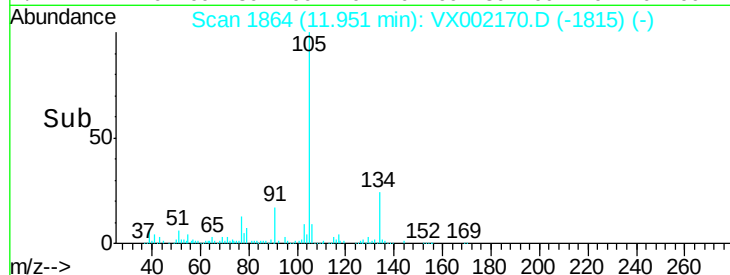
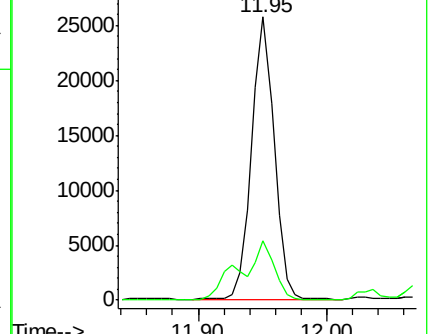
105 100

134 18.0 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: 2.12 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

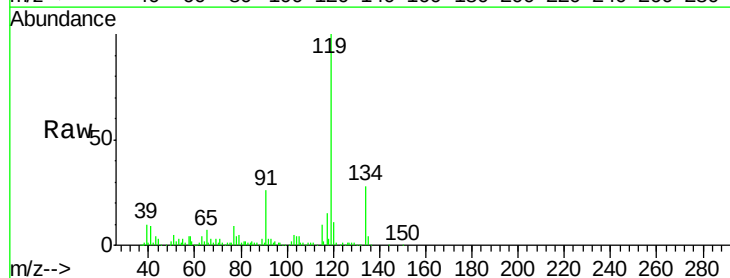
Tgt Ion:119 Resp: 32333

Ion Ratio Lower Upper

119 100

134 29.4 13.6 40.8

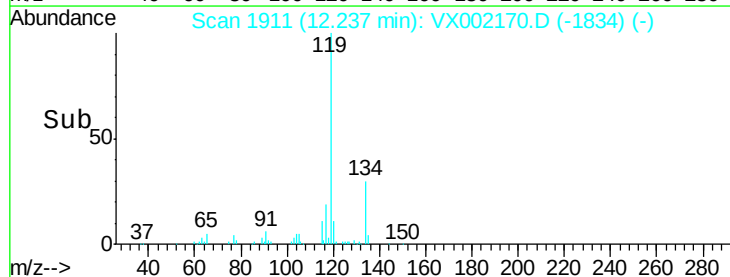
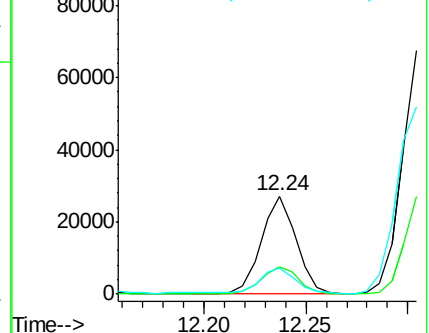
91 27.1 12.2 36.4

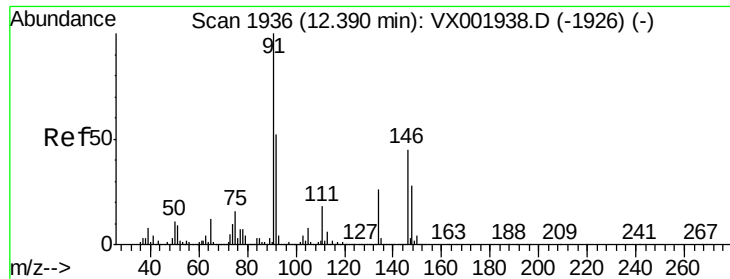


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.87 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampleId :

MW-34

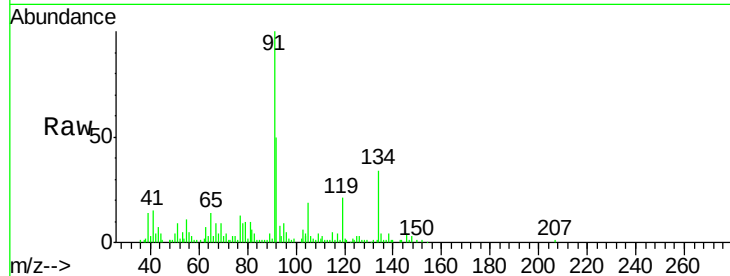
Tgt Ion: 91 Resp: 24133

Ion Ratio Lower Upper

91 100

92 39.3 26.3 78.9

134 63.7 13.6 40.7#

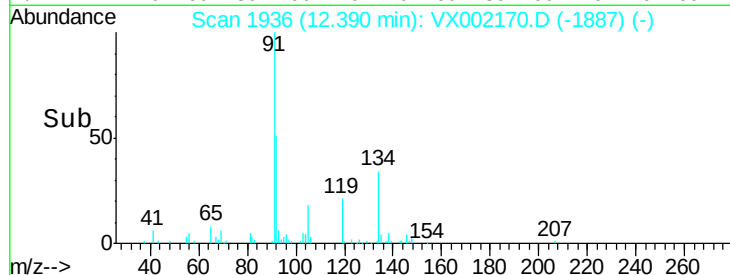


Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001938.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001938.D (-1926) (-)

Time-->

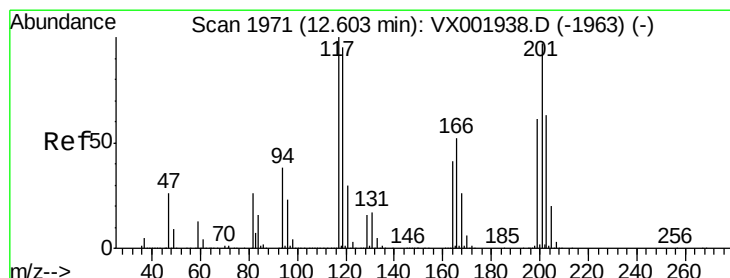


Abundance Ion 91.00 (90.70 to 91.70): VX002170.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002170.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002170.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 7.84 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002170.D

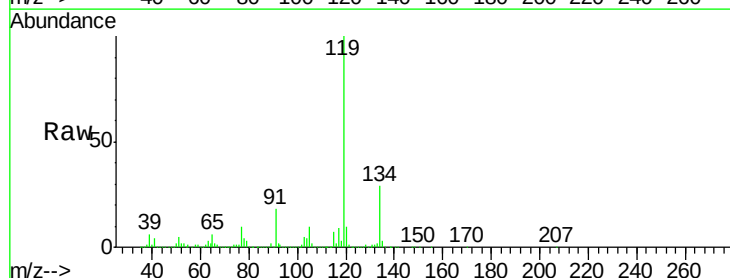
Acq: 31 May 2018 07:03

Tgt Ion: 117 Resp: 23605

Ion Ratio Lower Upper

117 100

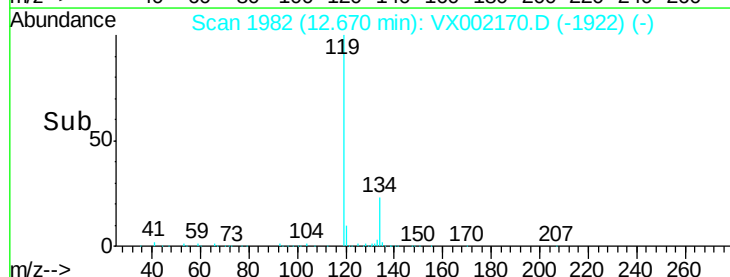
201 0.0 48.0 144.0#



Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001938.D (-1963) (-)

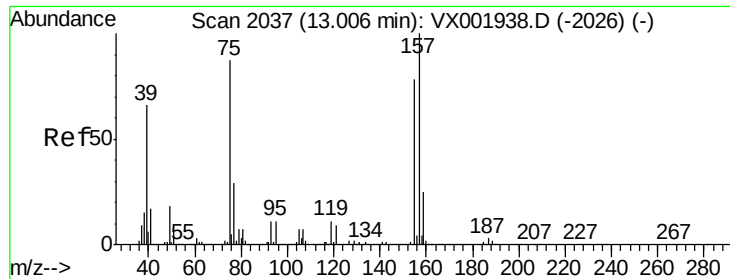
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX002170.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX002170.D (-1922) (-)

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.25 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Instrument :

MSVOA_X

ClientSampled :

MW-34

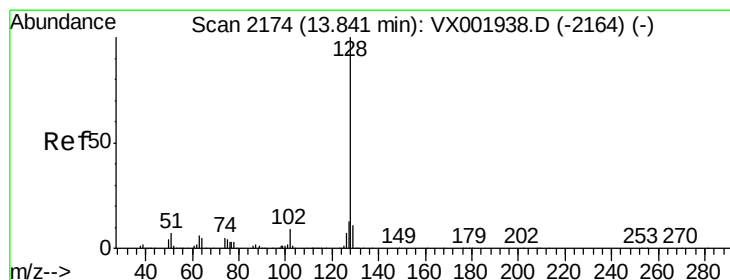
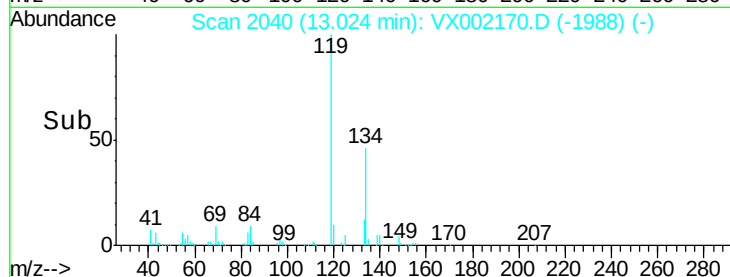
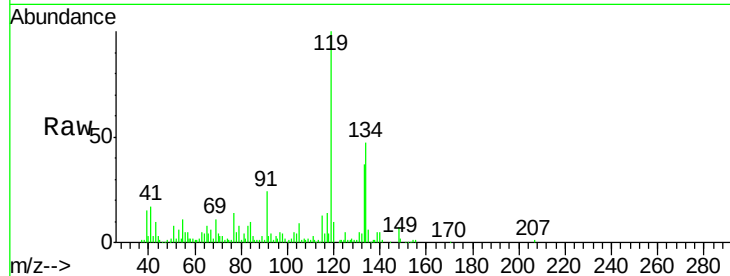
Tgt Ion: 75 Resp: 377

Ion Ratio Lower Upper

75 100

155 0.0 45.1 135.2#

157 0.0 58.1 174.2#



#95

Naphthalene

Concen: 0.28 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002170.D

Acq: 31 May 2018 07:03

Tgt Ion: 128 Resp: 4975

Ion Ratio Lower Upper

128 100

127 28.6 10.4 15.6#

129 51.5 8.8 13.2#

