

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011519\
 Data File : VX007064.D
 Acq On : 15 Jan 2019 17:46
 Operator : JC/SP
 Sample : K1007-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NB-07-011419

Quant Time: Jan 16 00:06:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	557111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	869420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	839120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	415955	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	300638	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
35) Dibromofluoromethane	5.51	113	265288	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
50) Toluene-d8	8.71	98	1063711	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	11.13	95	381762	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1451	0.237	ug/l	85
6) Chloroethane	1.71	64	948	0.237	ug/l #	48
10) Methyl Iodide	2.52	142	1757	0.235	ug/l	92
11) Tert butyl alcohol	3.07	59	2203	1.604	ug/l #	77
13) Acrolein	2.31	56	897	4.580	ug/l	94
14) Allyl chloride	2.85	41	34145	3.891	ug/l #	26
15) Acrylonitrile	3.14	53	732	0.232	ug/l #	1
16) Acetone	2.45	43	22586	7.847	ug/l	95
17) Carbon Disulfide	2.57	76	2657	0.202	ug/l #	71
18) Methyl Acetate	2.78	43	3004	0.360	ug/l #	61
20) Methylene Chloride	2.86	84	975544	179.661	ug/l	96
25) 2-Butanone	4.71	43	8462	2.055	ug/l	92
36) 1,1-Dichloropropene	5.66	75	35101	4.644	ug/l #	49
38) Carbon Tetrachloride	5.67	117	51886	6.822	ug/l #	16
41) Methacrylonitrile	5.04	41	991	0.212	ug/l #	28
43) Isopropyl Acetate	6.46	43	31939	2.499	ug/l	97
48) Methyl methacrylate	7.68	41	20610	3.140	ug/l #	20
49) 1,4-Dioxane	7.75	88	151	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	174329	21.221	ug/l #	48
52) Toluene	8.78	92	4786	0.323	ug/l	99
54) cis-1,3-Dichloropropene	8.62	75	87362	10.285	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	18163	1.868	ug/l #	46
59) 2-Hexanone	9.54	43	235350	37.594	ug/l #	51
67) Ethyl Benzene	10.26	91	7814	0.259	ug/l	93
68) m/p-Xylenes	10.36	106	12741	1.070	ug/l	97
69) o-Xylene	10.70	106	6660	0.574	ug/l	99
71) Bromoform	10.85	173	137	4.750	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	184709	21.913	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	12641	0.516	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	184709	64.910	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	46682	1.894	ug/l	99
88) 1,4-Dichlorobenzene	12.03	146	1169	0.229	ug/l	86
90) Hexachloroethane	12.59	117	1119	3.161	ug/l #	11
95) Naphthalene	13.83	128	53025	1.769	ug/l	96

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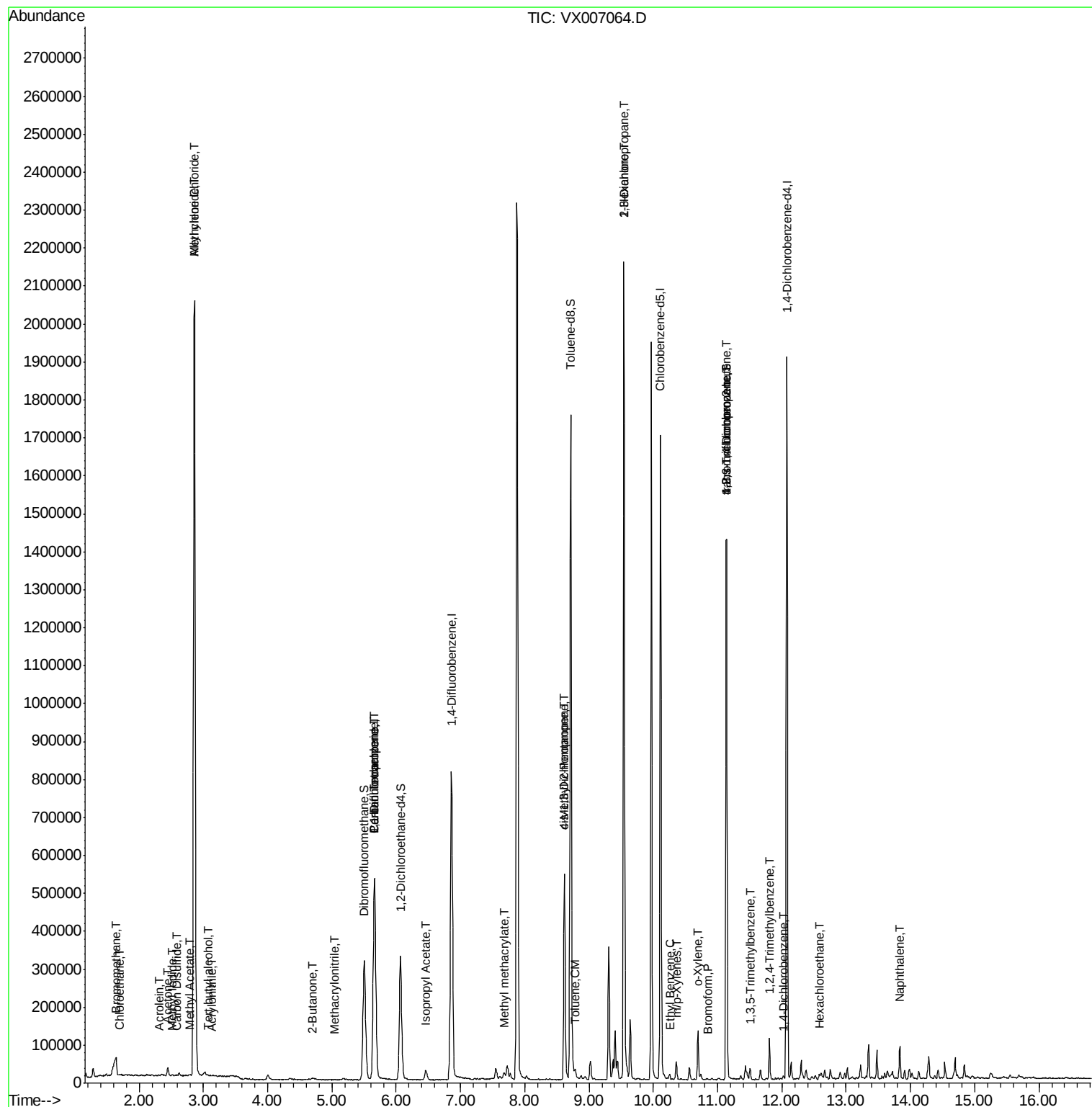
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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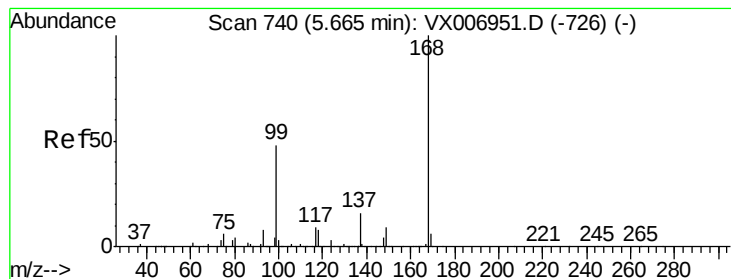
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

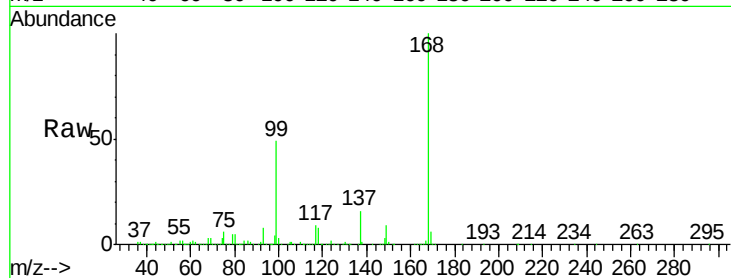
NB-07-011419

Tot Ion:168 Resp: 557111

Ion Ratio Lower Upper

168 100

99 48.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

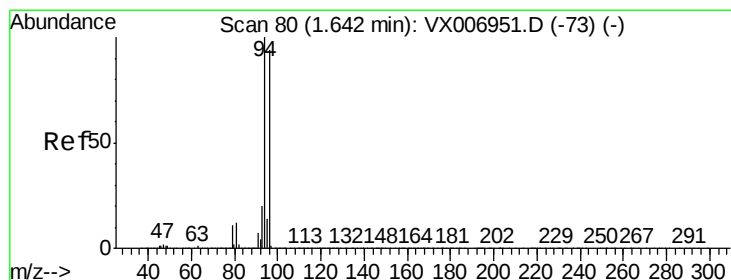
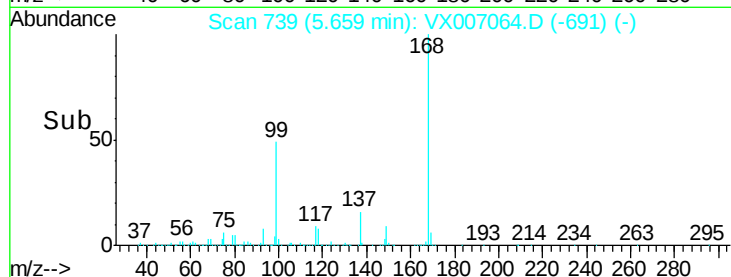
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.237 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007064.D

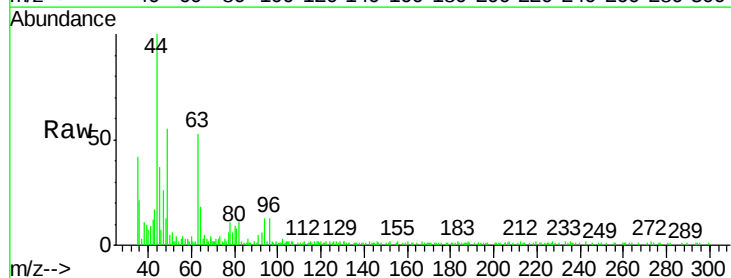
Acq: 15 Jan 2019 17:46

Tgt Ion: 94 Resp: 1451

Ion Ratio Lower Upper

94 100

96 106.1 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

600

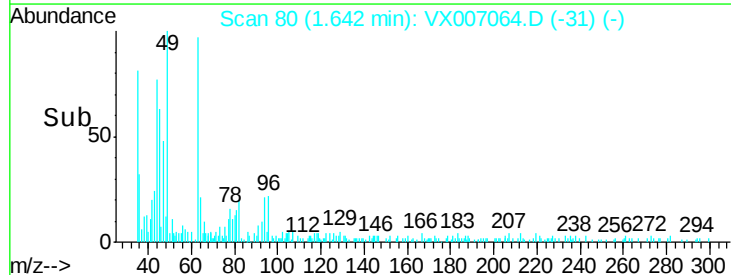
400

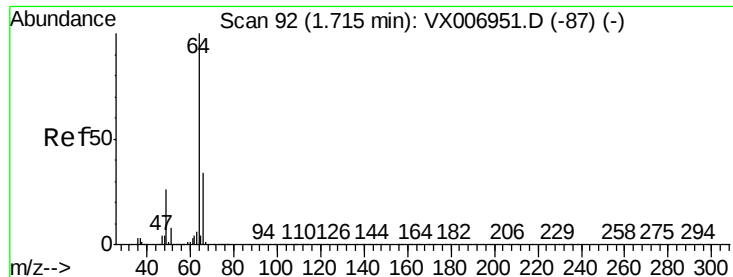
200

0

1.60 1.65

Time-->





#6

Chloroethane

Concen: 0.237 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

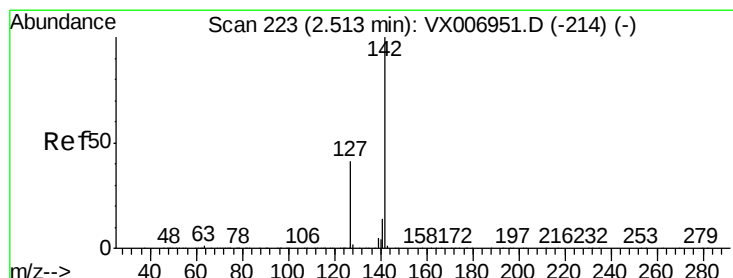
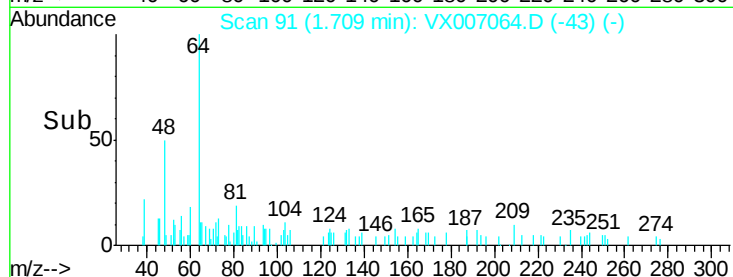
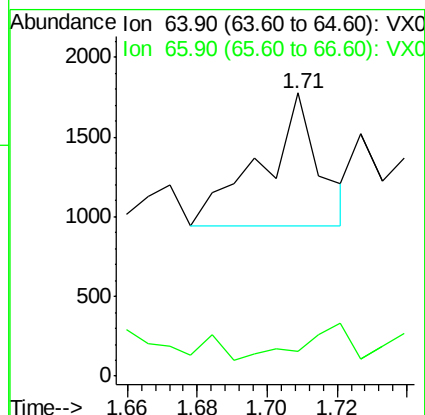
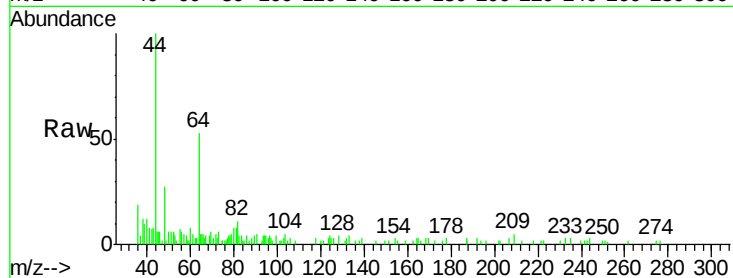
NB-07-011419

Tot Ion: 64 Resp: 948

Ion Ratio Lower Upper

64 100

66 3.6 26.4 39.6#



#10

Methyl Iodide

Concen: 0.235 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

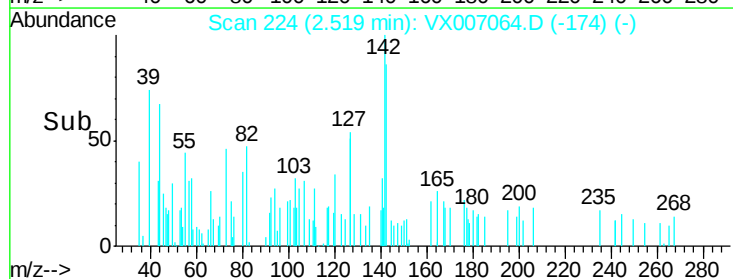
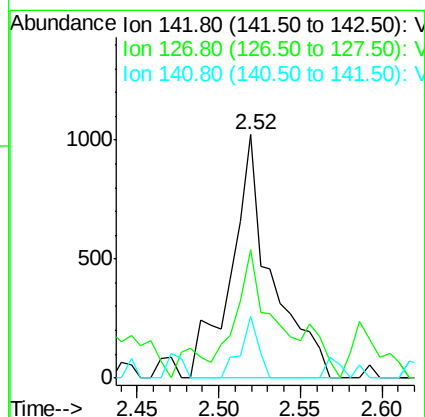
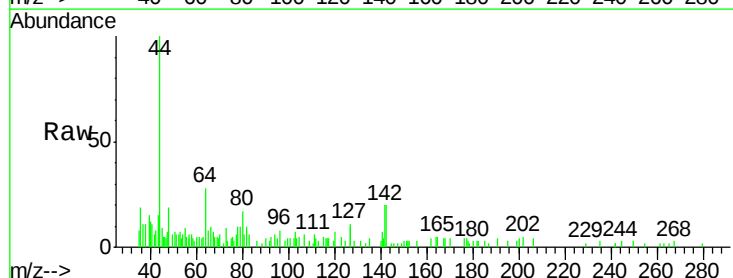
Tgt Ion: 142 Resp: 1757

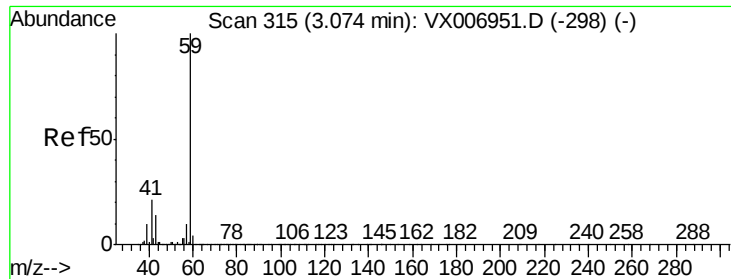
Ion Ratio Lower Upper

142 100

127 47.5 33.9 50.9

141 11.4 11.4 17.0



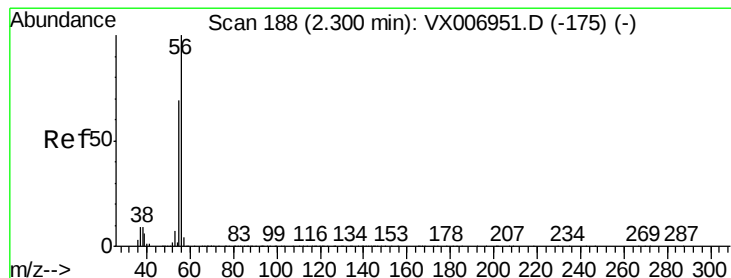
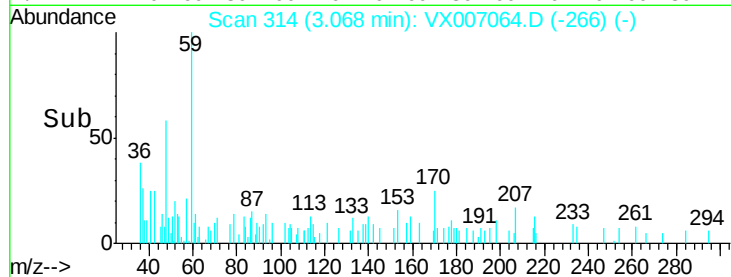
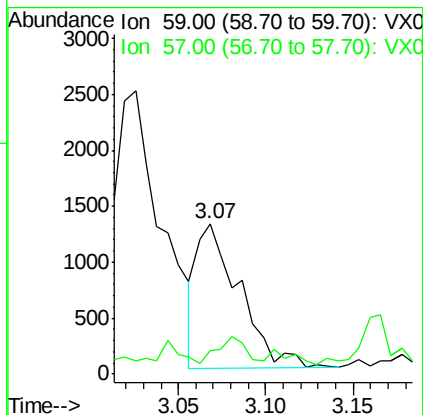
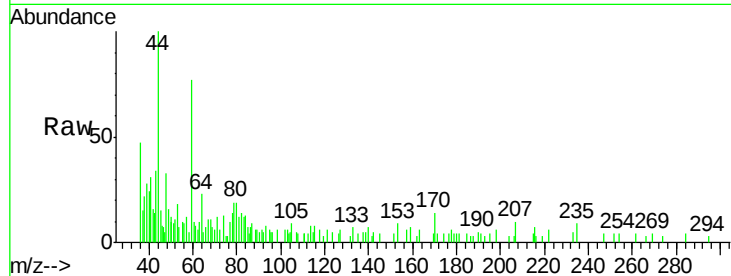


#11

Tert butyl alcohol
Concen: 1.604 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

Instrument :
MSVOA_X
ClientSampled :
NB-07-011419

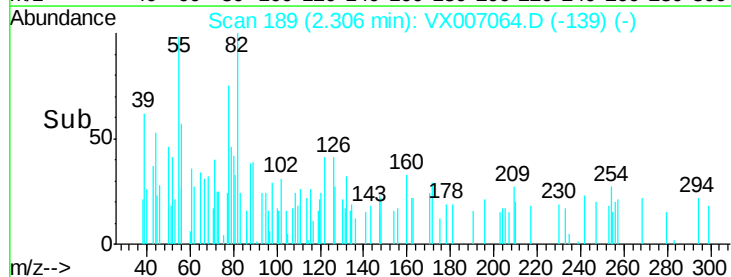
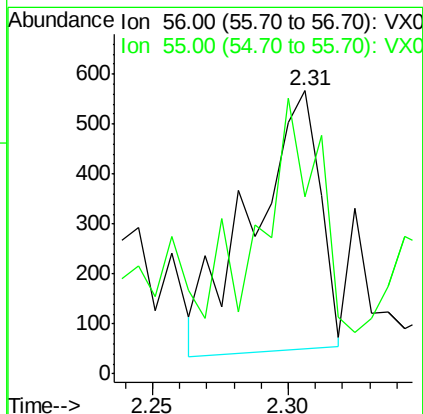
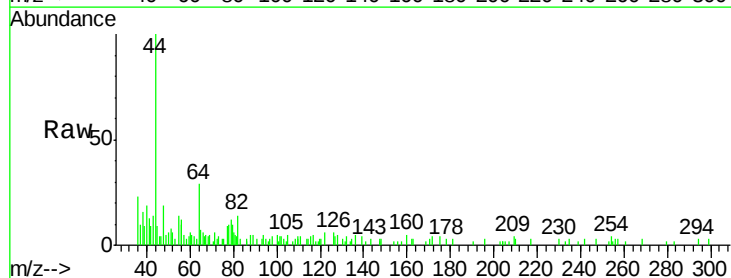
Tot Ion: 59 Resp: 2203
Ion Ratio Lower Upper
59 100
57 19.1 8.5 12.7#

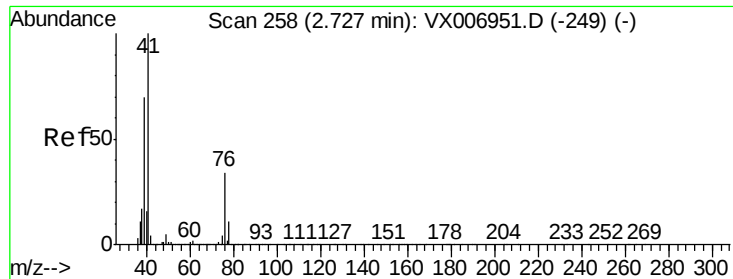


#13

Acrolein
Concen: 4.580 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

Tgt Ion: 56 Resp: 897
Ion Ratio Lower Upper
56 100
55 77.9 58.2 87.4





#14

Allvl chloride

Concen: 3.891 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.13 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

NB-07-011419

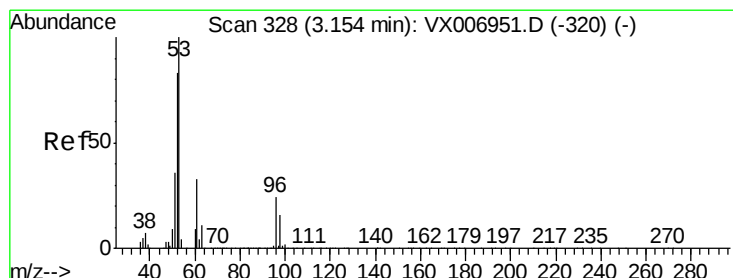
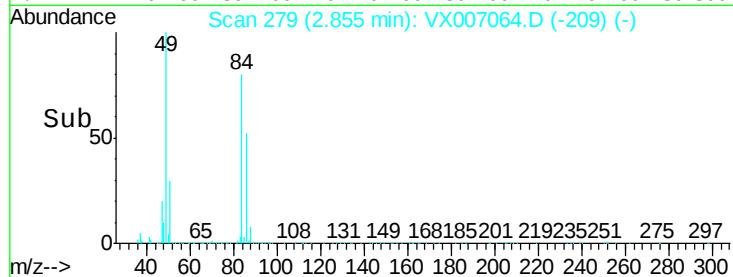
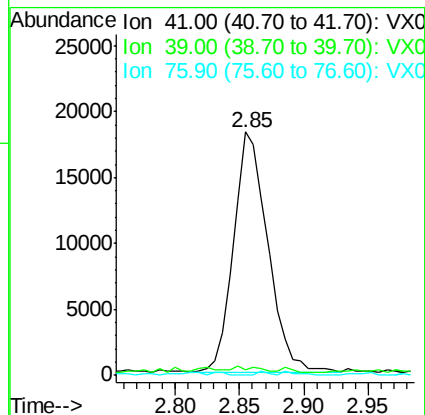
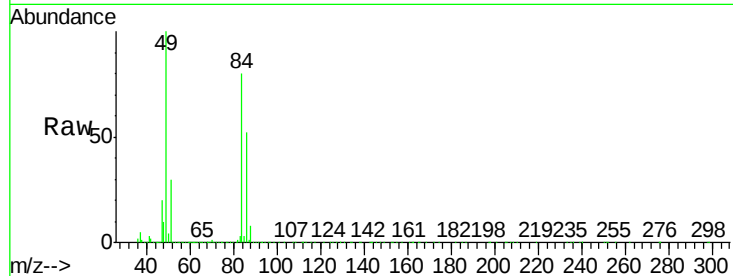
Tot Ion: 41 Resp: 34145

Ion Ratio Lower Upper

41 100

39 1.4 53.6 80.4#

76 0.6 27.4 41.2#



#15

Acrylonitrile

Concen: 0.232 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.02 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

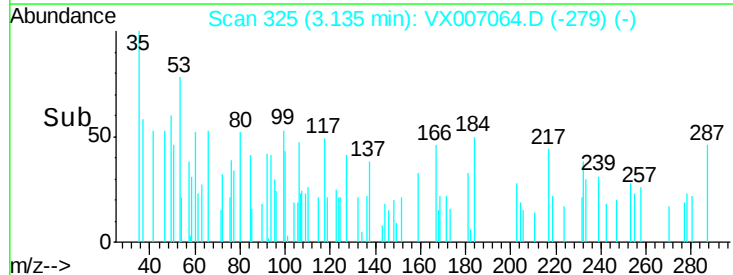
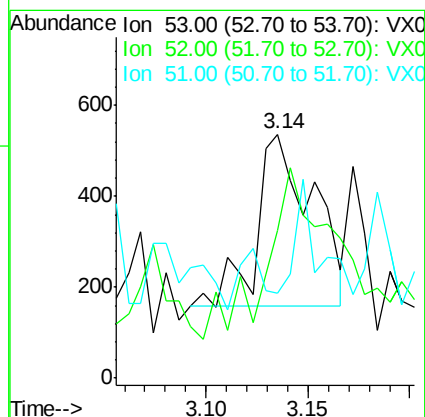
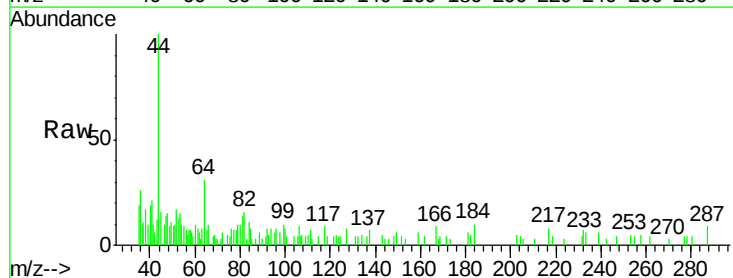
Tgt Ion: 53 Resp: 732

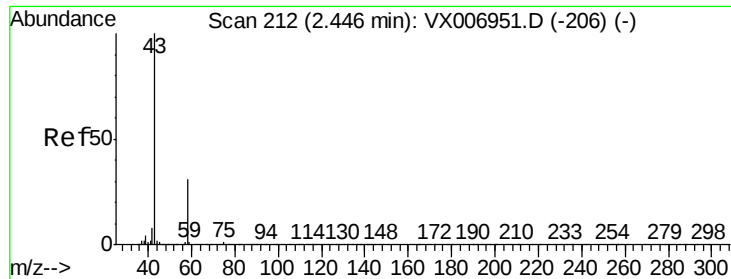
Ion Ratio Lower Upper

53 100

52 212.4 66.0 99.0#

51 0.0 28.6 42.8#





#16

Acetone

Concen: 7.847 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

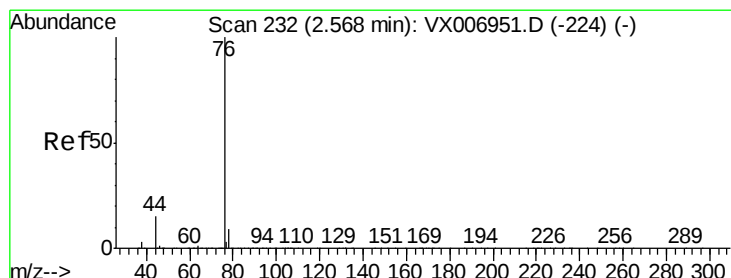
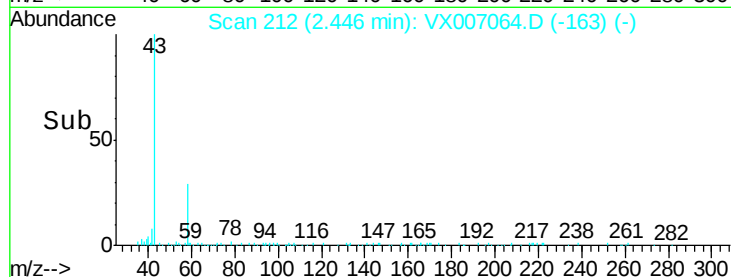
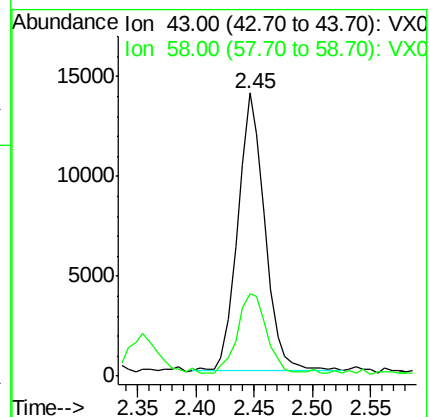
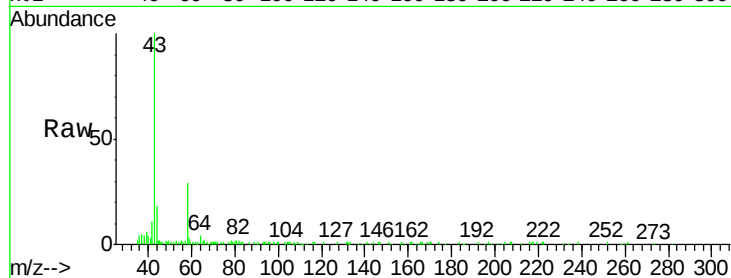
NB-07-011419

Tot Ion: 43 Resp: 22586

Ion Ratio Lower Upper

43 100

58 28.6 25.0 37.6



#17

Carbon Disulfide

Concen: 0.202 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007064.D

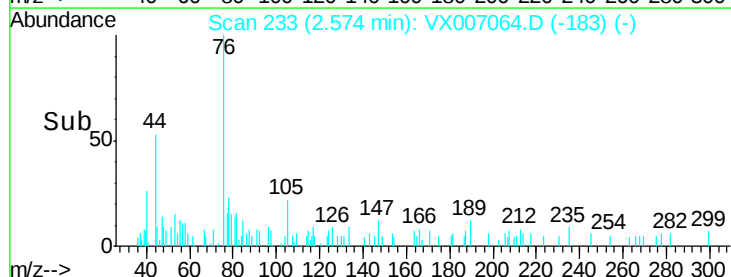
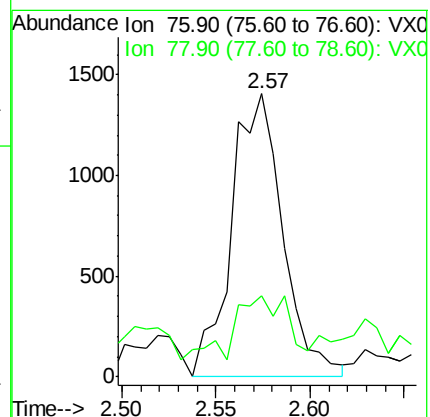
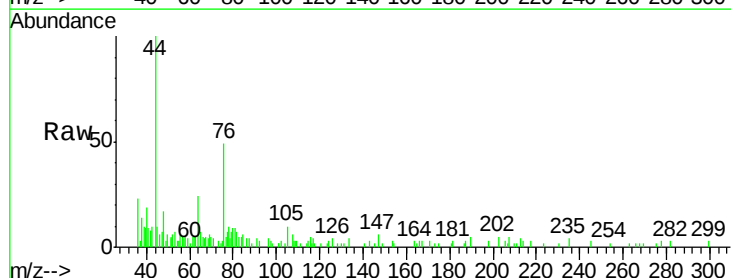
Acq: 15 Jan 2019 17:46

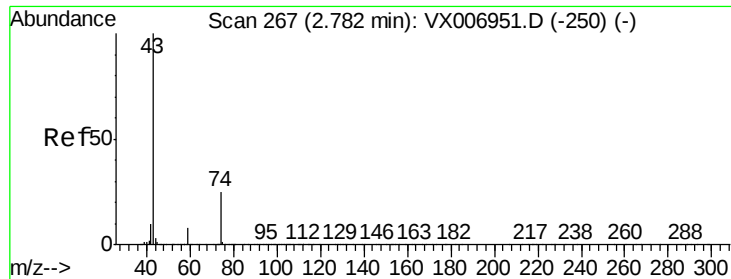
Tgt Ion: 76 Resp: 2657

Ion Ratio Lower Upper

76 100

78 19.4 7.0 10.6#

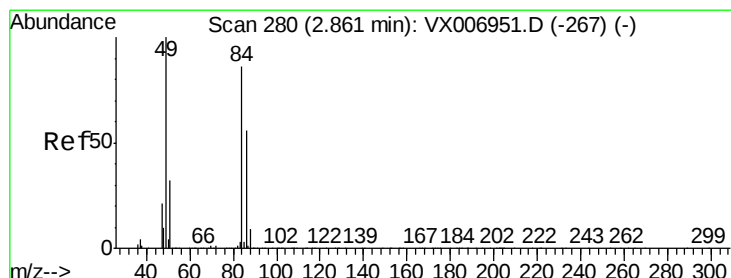
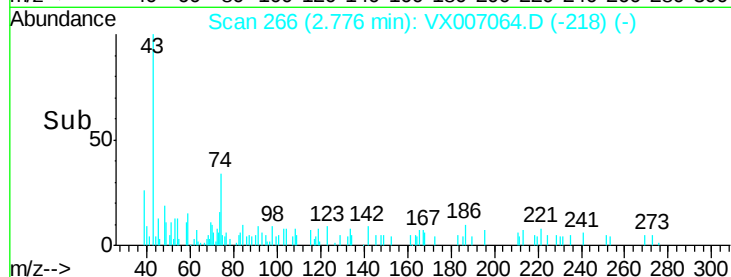
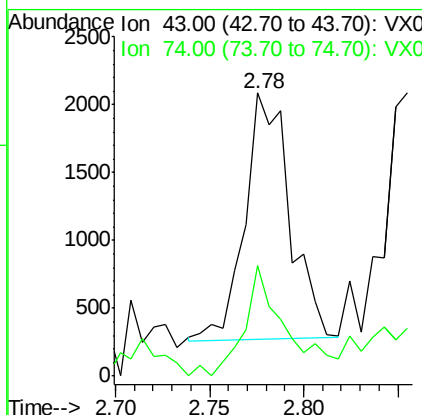
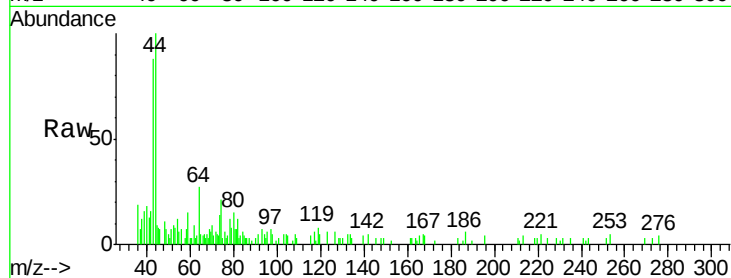




#18
Methyl Acetate
Concen: 0.360 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

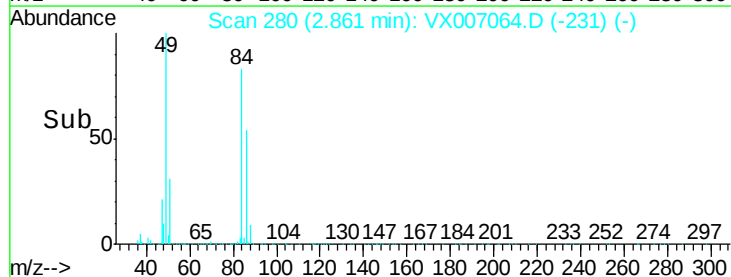
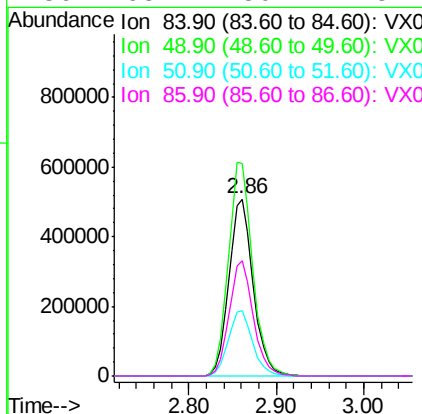
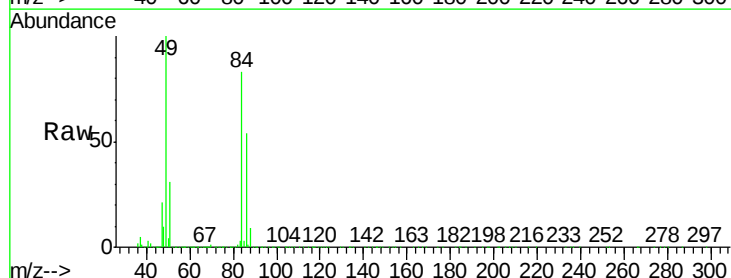
Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

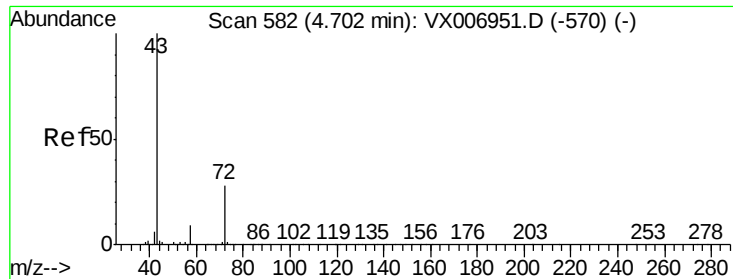
Tot Ion: 43 Resp: 3004
Ion Ratio Lower Upper
43 100
74 42.1 18.6 28.0#



#20
Methylene Chloride
Concen: 179.661 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

Tgt Ion: 84 Resp: 975544
Ion Ratio Lower Upper
84 100
49 120.2 91.8 137.6
51 37.2 28.5 42.7
86 65.2 50.2 75.2

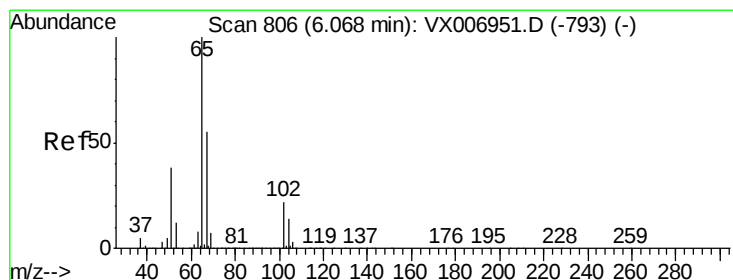
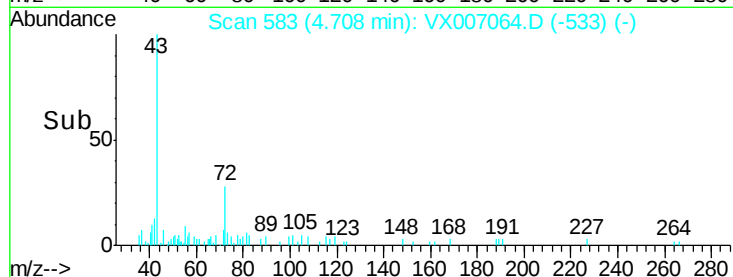
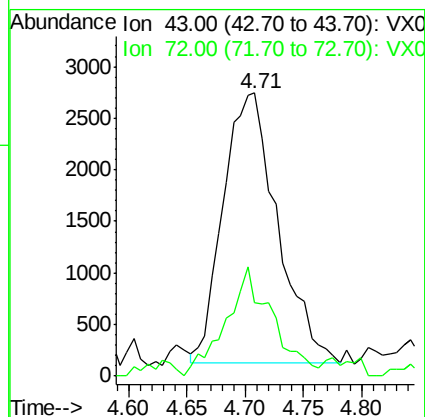
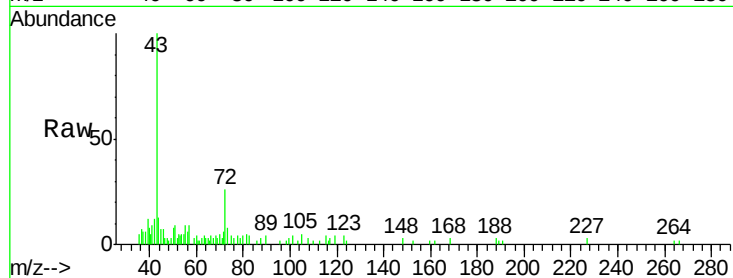




#25
2-Butanone
Concen: 2.055 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

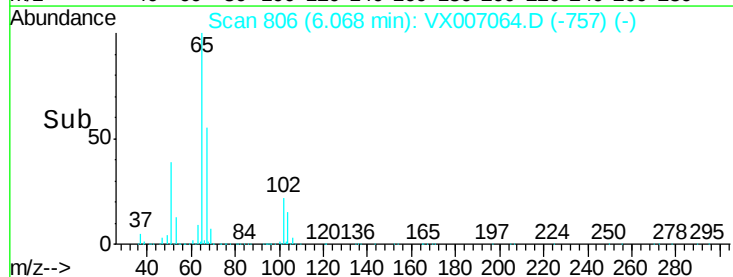
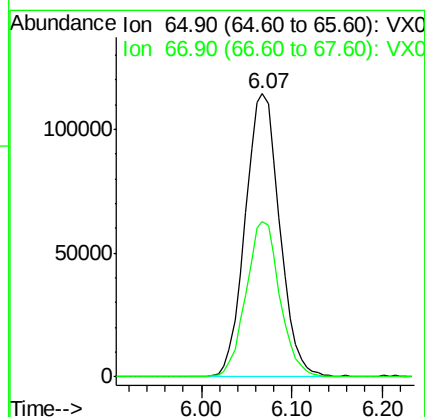
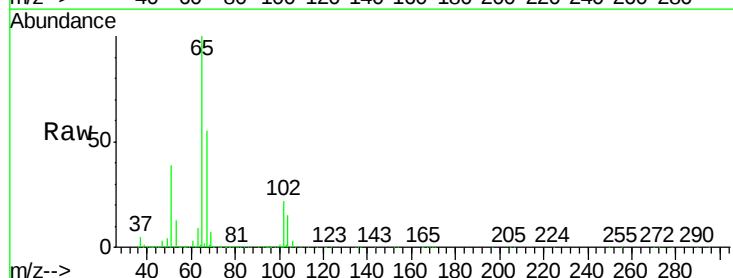
Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

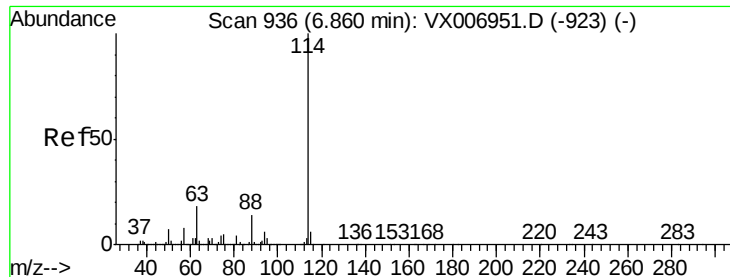
Tot Ion: 43 Resp: 8462
Ion Ratio Lower Upper
43 100
72 23.8 22.4 33.6



#33
1,2-Dichloroethane-d4
Concen: 51.636 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

Tgt Ion: 65 Resp: 300638
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

NB-07-011419

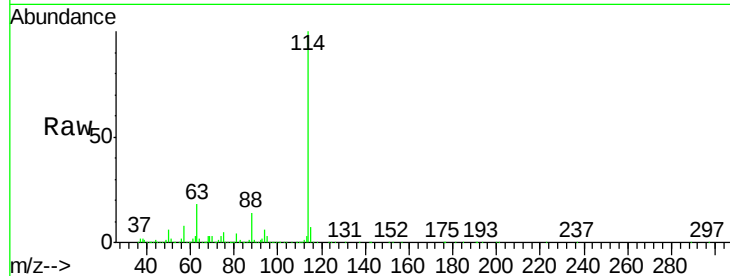
Tot Ion:114 Resp: 869420

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

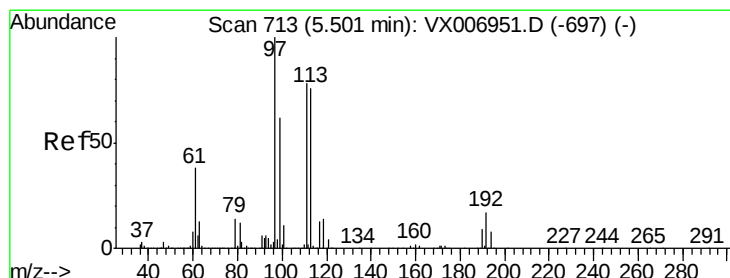
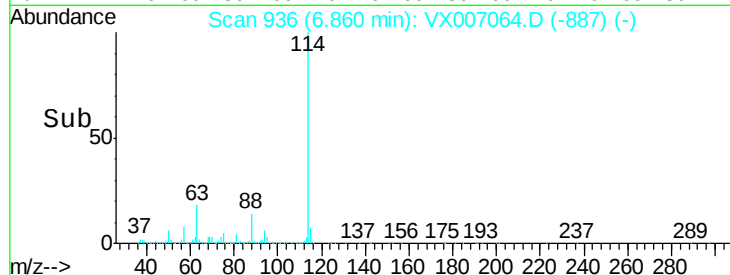
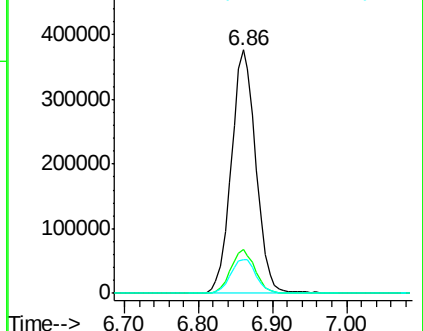
88 13.9 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.648 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

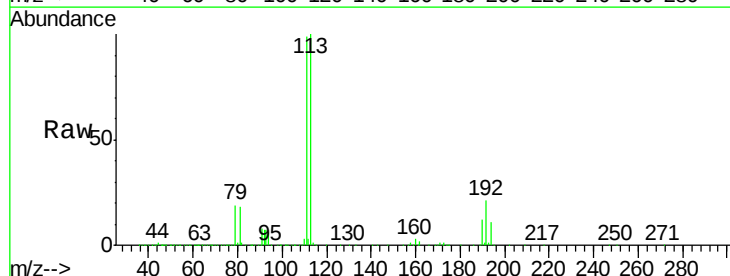
Tgt Ion:113 Resp: 265288

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

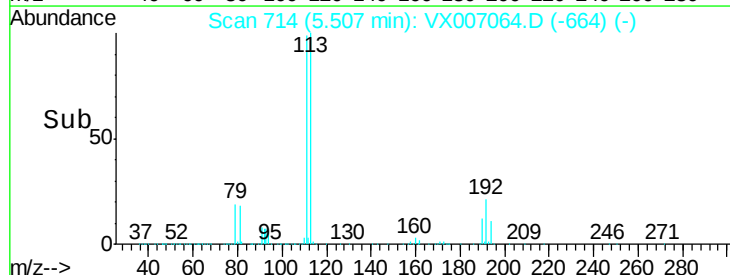
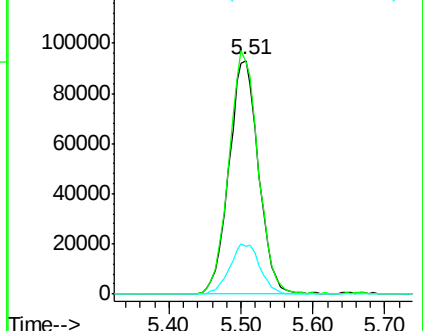
192 22.1 16.7 25.1

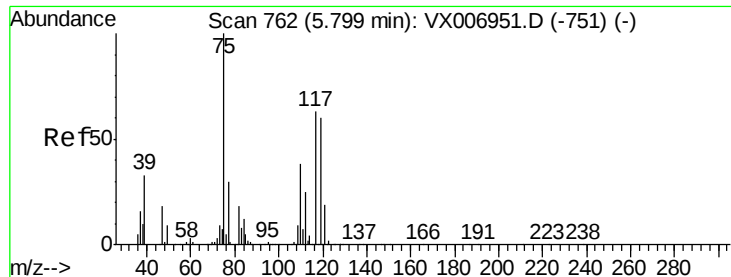


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.644 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

NB-07-011419

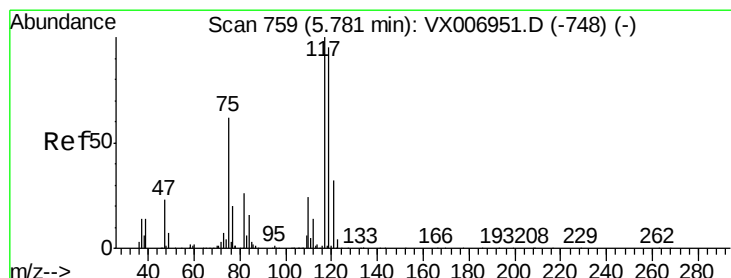
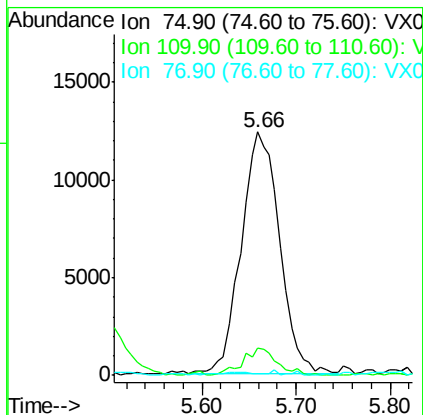
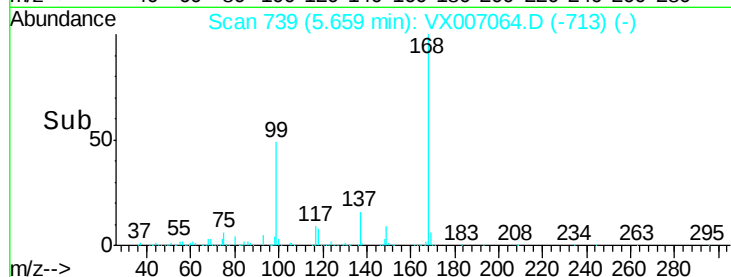
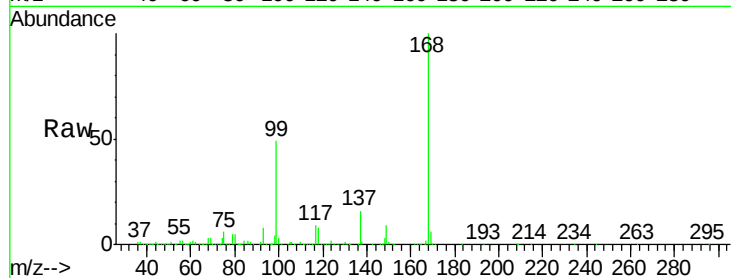
Tot Ion: 75 Resp: 35101

Ion Ratio Lower Upper

75 100

110 10.1 20.2 60.5#

77 1.5 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.822 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

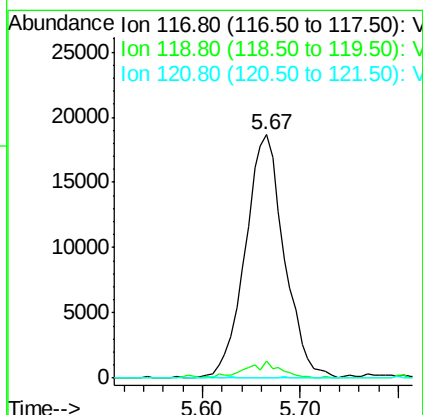
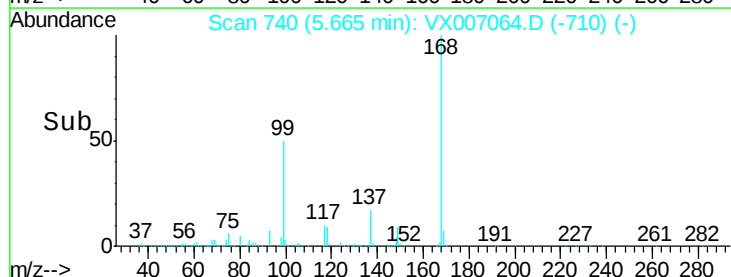
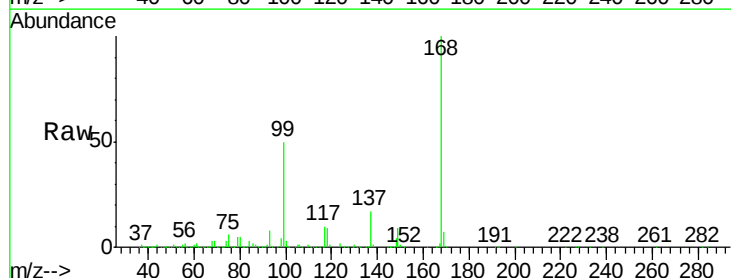
Tgt Ion: 117 Resp: 51886

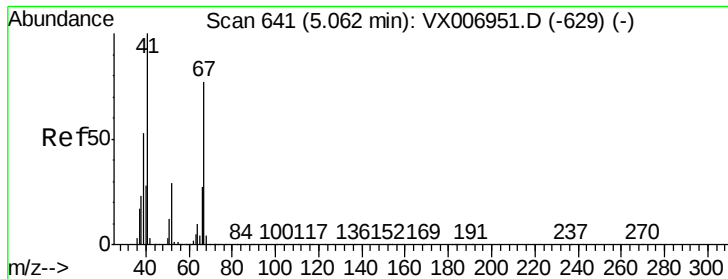
Ion Ratio Lower Upper

117 100

119 6.9 79.4 119.2#

121 0.0 24.0 36.0#





#41

Methacrylonitrile

Concen: 0.212 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.02 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

NB-07-011419

Tot Ion: 41 Resp: 991

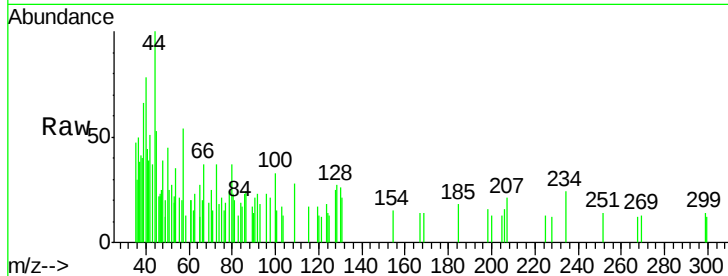
Ion Ratio Lower Upper

41 100

39 12.6 42.8 64.2#

67 0.0 62.1 93.1#

52 0.0 23.4 35.0#

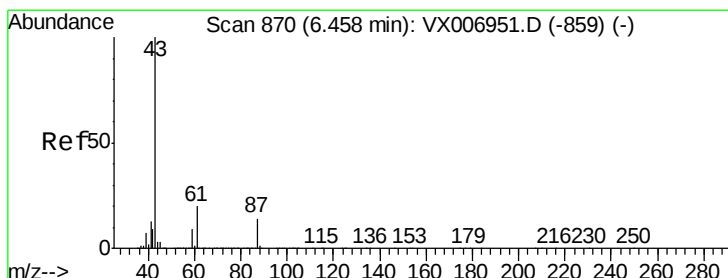
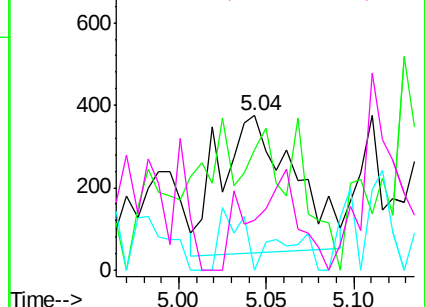
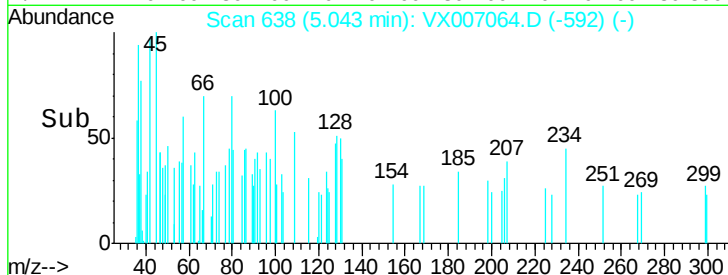


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 2.499 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

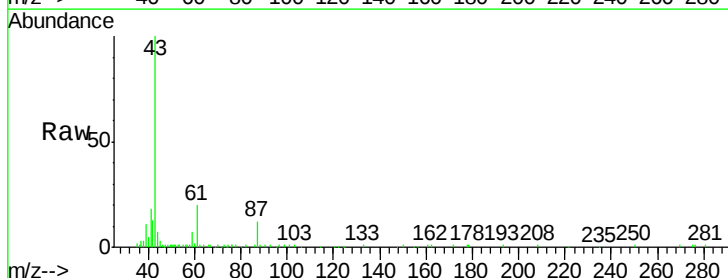
Tgt Ion: 43 Resp: 31939

Ion Ratio Lower Upper

43 100

61 23.3 16.8 25.2

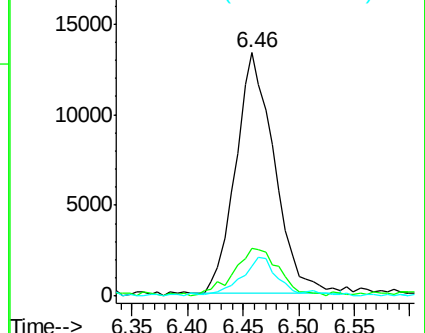
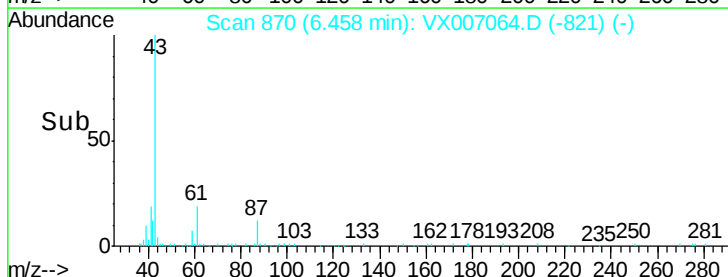
87 15.2 12.4 18.6

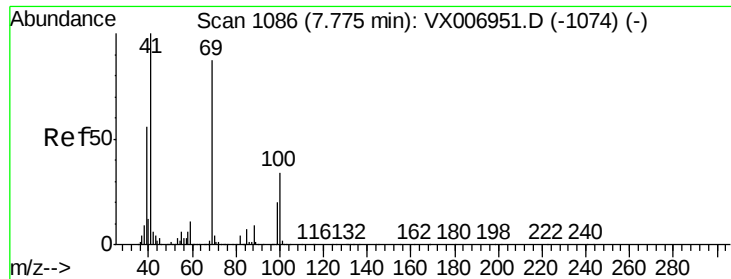


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

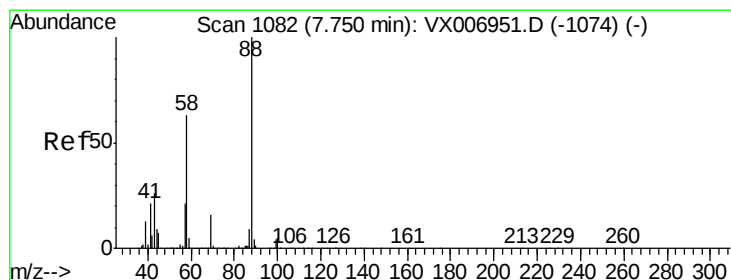
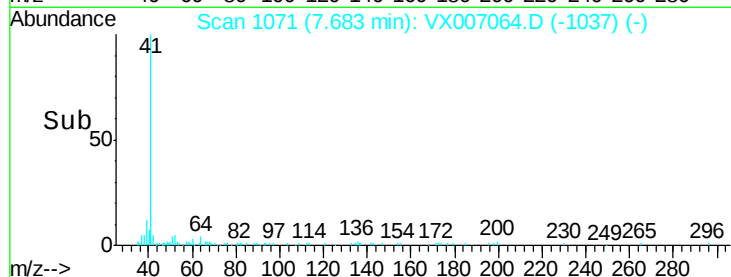
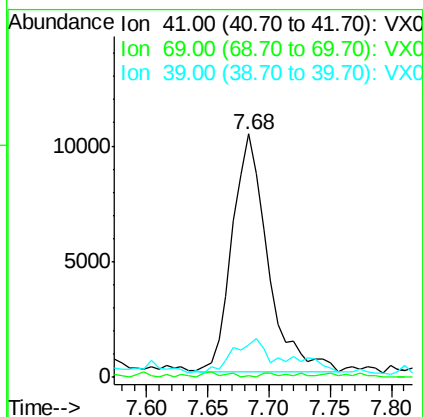
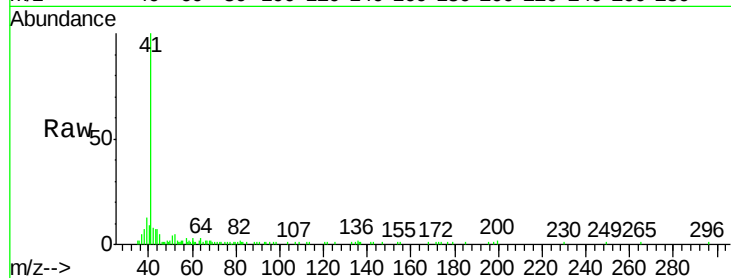




#48
Methyl methacrylate
Concen: 3.140 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

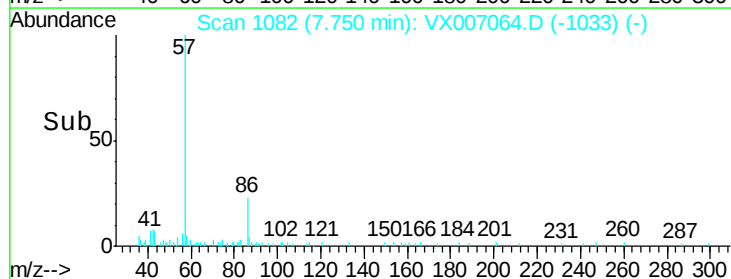
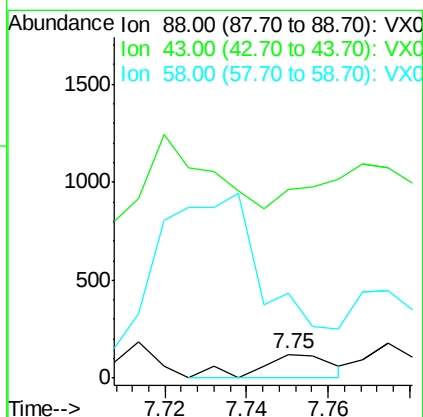
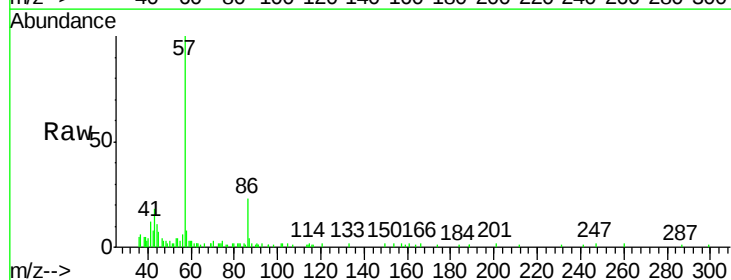
Instrument :
MSVOA_X
ClientSampled :
NB-07-011419

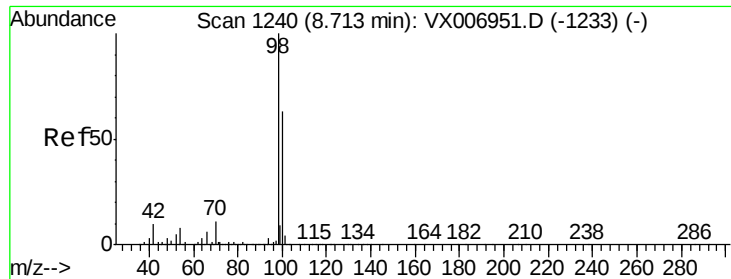
Tot Ion: 41 Resp: 20610
Ion Ratio Lower Upper
41 100
69 1.2 72.4 108.6#
39 15.6 45.8 68.8#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

Tgt Ion: 88 Resp: 151
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 1037.1 51.0 76.4#





#50

Toluene-d8

Concen: 52.195 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

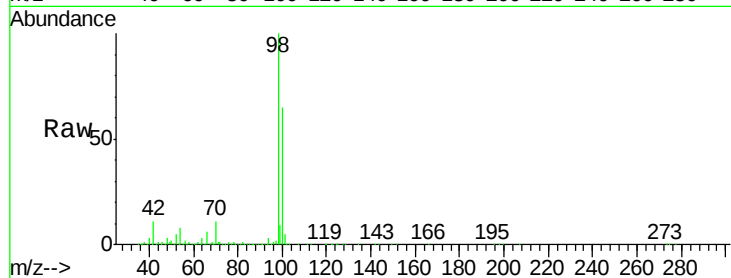
NB-07-011419

Tot Ion: 98 Resp: 1063711

Ion Ratio Lower Upper

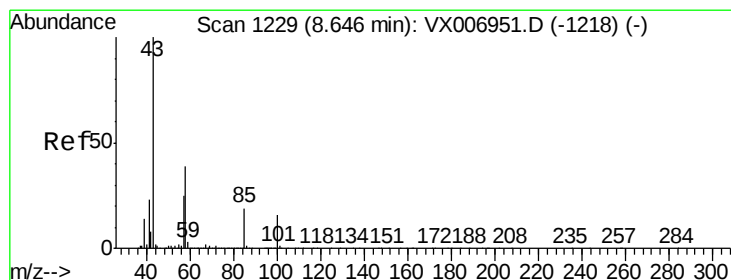
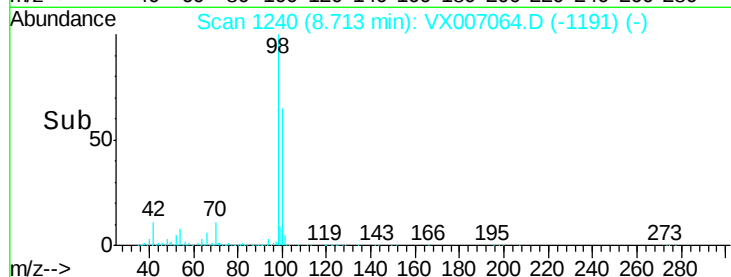
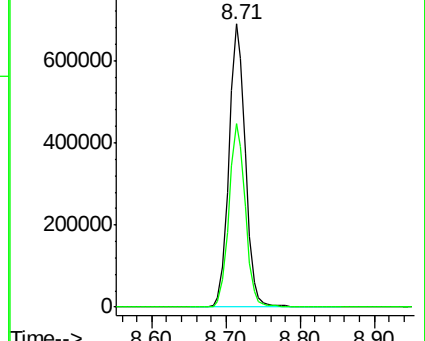
98 100

100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX006951.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX006951.D (-1233) (-)



#51

4-Methyl-2-Pentanone

Concen: 21.221 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007064.D

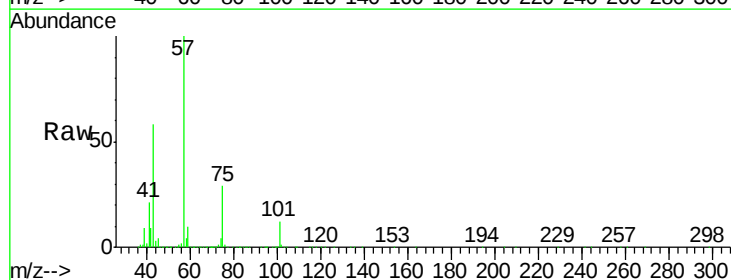
Acq: 15 Jan 2019 17:46

Tgt Ion: 43 Resp: 174329

Ion Ratio Lower Upper

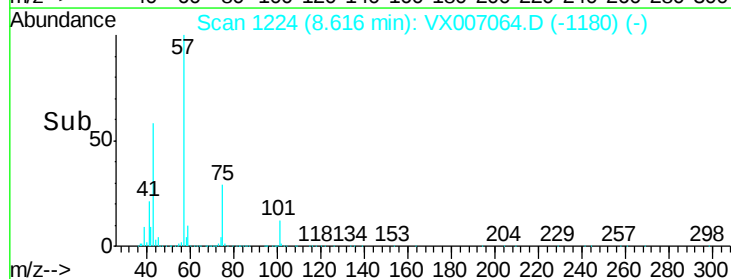
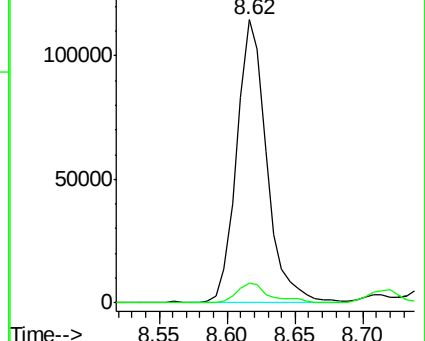
43 100

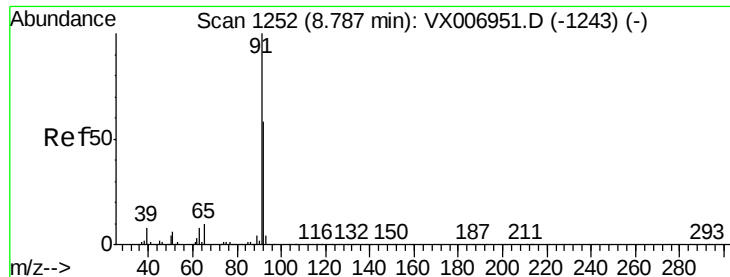
58 7.8 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-1218) (-)

Ion 58.00 (57.70 to 58.70): VX006951.D (-1218) (-)





#52

Toluene

Concen: 0.323 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

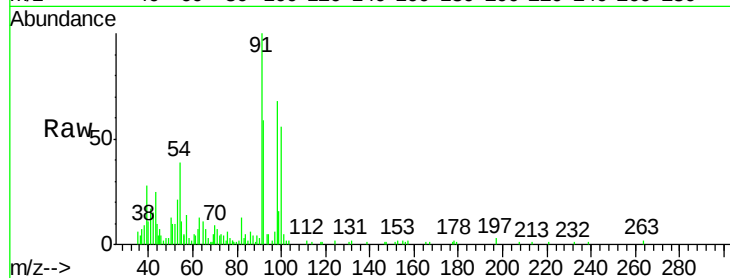
NB-07-011419

Tot Ion: 92 Resp: 4786

Ion Ratio Lower Upper

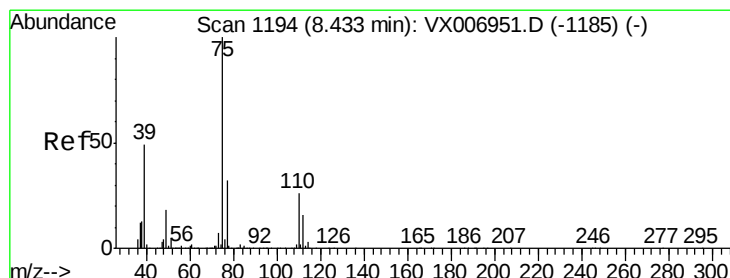
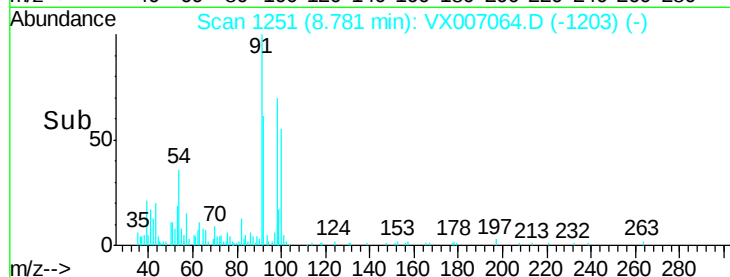
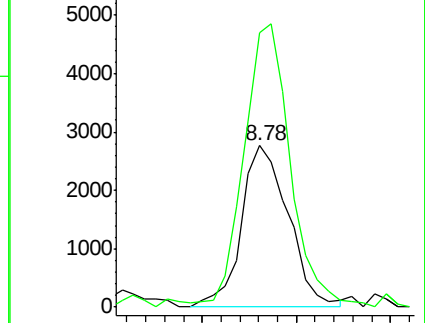
92 100

91 172.8 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 10.285 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

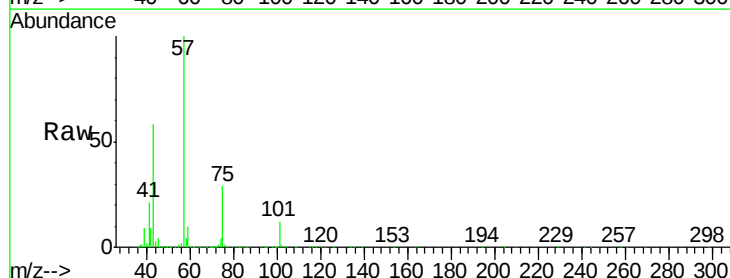
Tgt Ion: 75 Resp: 87362

Ion Ratio Lower Upper

75 100

77 0.3 26.2 39.2#

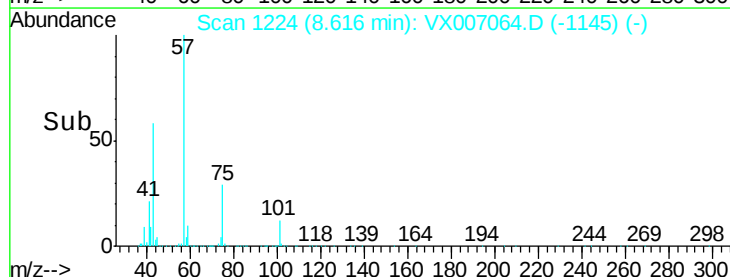
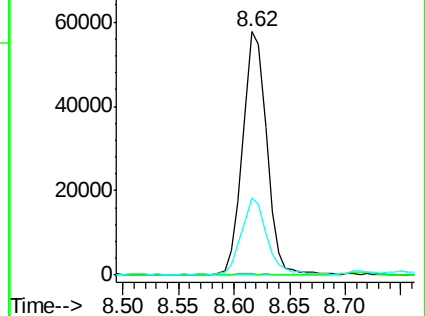
39 31.2 36.7 55.1#

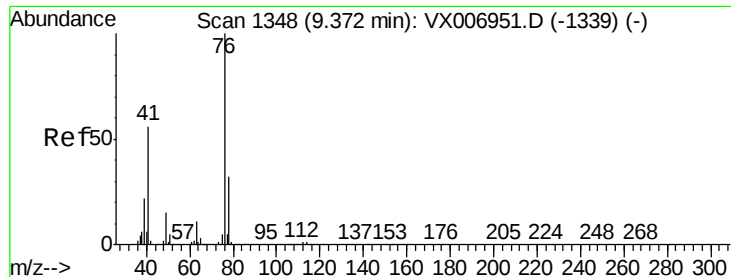


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.868 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

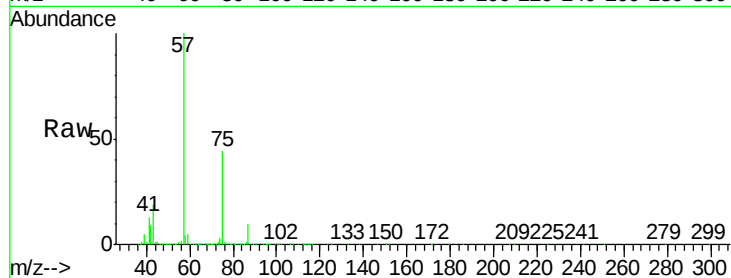
NB-07-011419

Tot Ion: 76 Resp: 18163

Ion Ratio Lower Upper

76 100

78 2.2 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.54

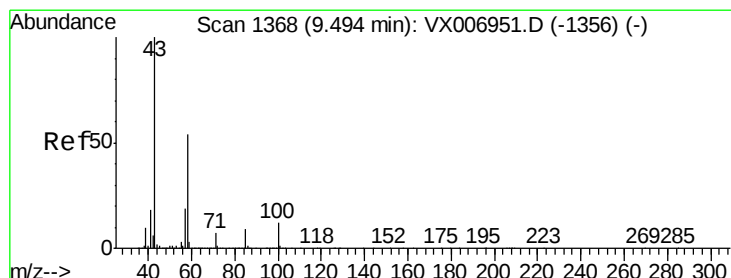
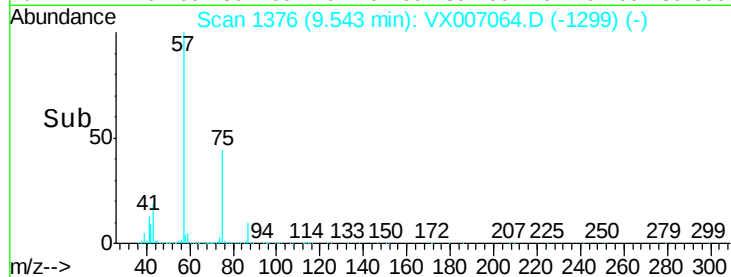
15000

10000

5000

0

Time-->



#59

2-Hexanone

Concen: 37.594 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX007064.D

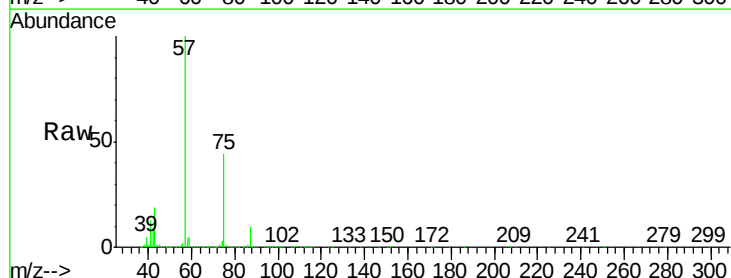
Acq: 15 Jan 2019 17:46

Tgt Ion: 43 Resp: 235350

Ion Ratio Lower Upper

43 100

58 20.0 27.7 83.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.54

200000

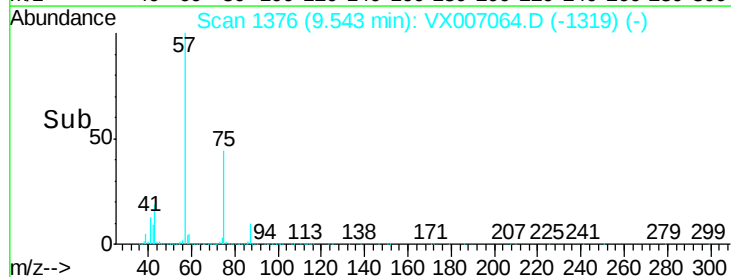
150000

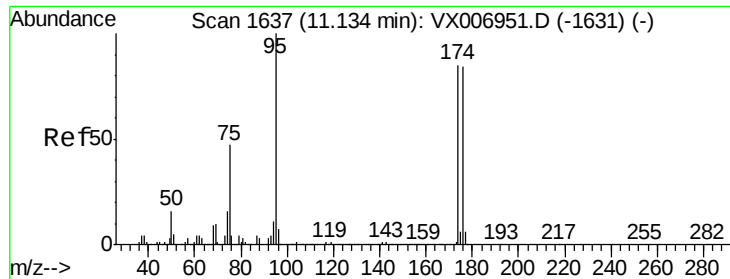
100000

50000

0

Time-->

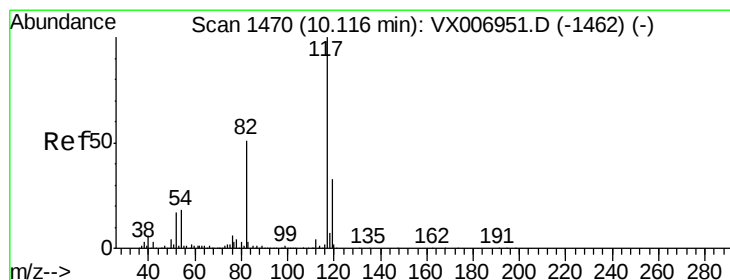
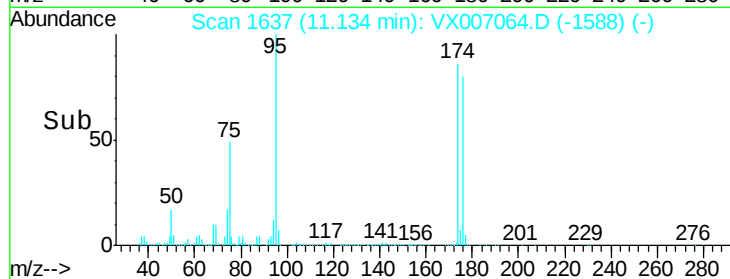
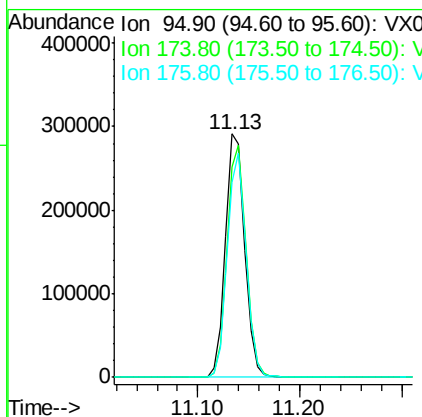
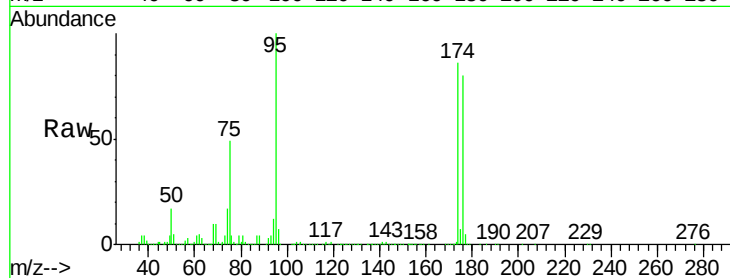




#62
4-Bromofluorobenzene
Concen: 53.733 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

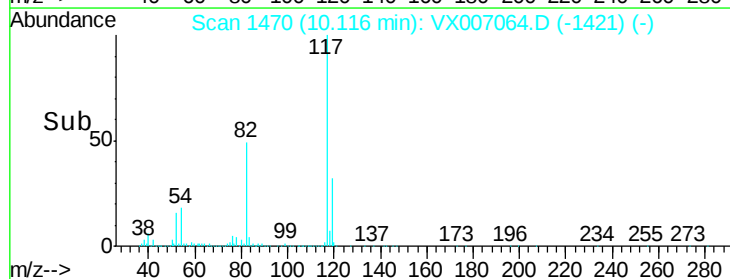
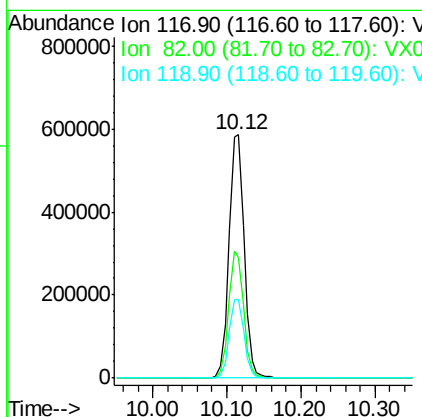
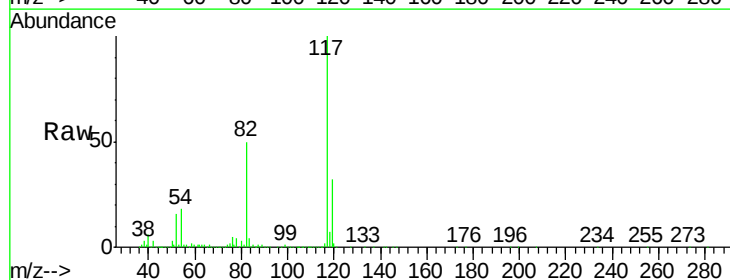
Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

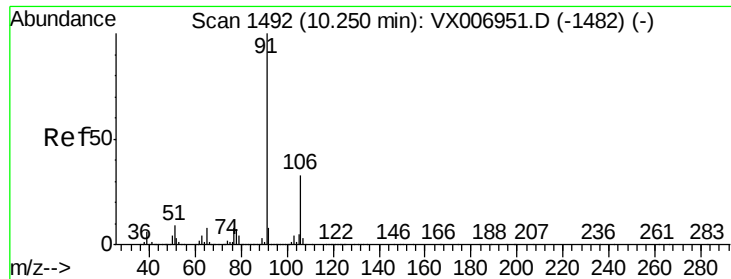
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	182.2
176	89.7	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.0	61.6
119	32.5	25.4	38.0





#67

Ethyl Benzene

Concen: 0.259 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

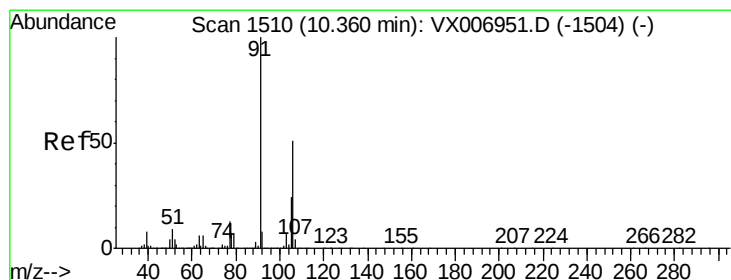
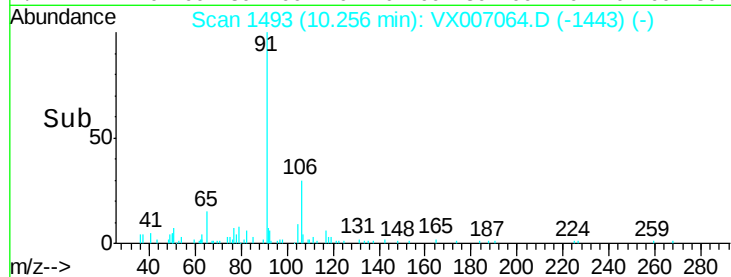
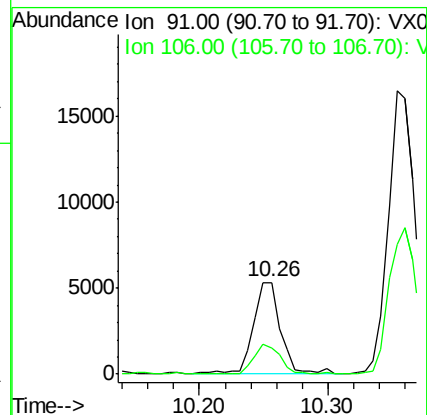
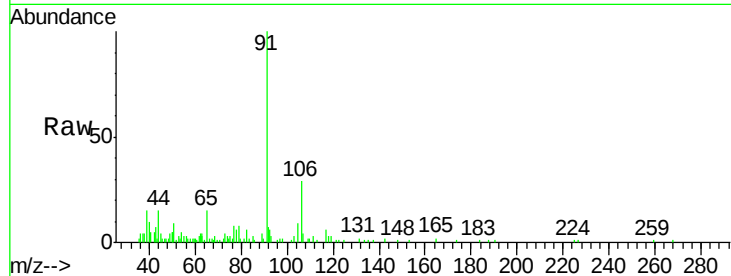
NB-07-011419

Tot Ion: 91 Resp: 7814

Ion Ratio Lower Upper

91 100

106 28.9 26.4 39.6



#68

m/p-Xylenes

Concen: 1.070 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007064.D

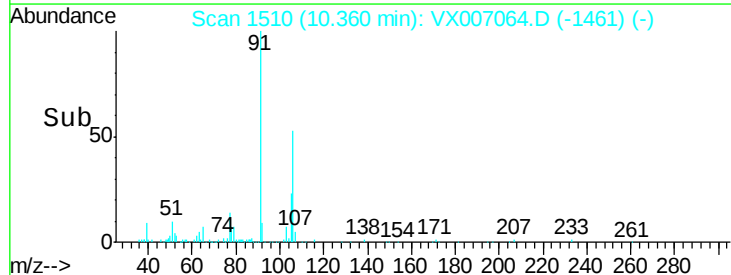
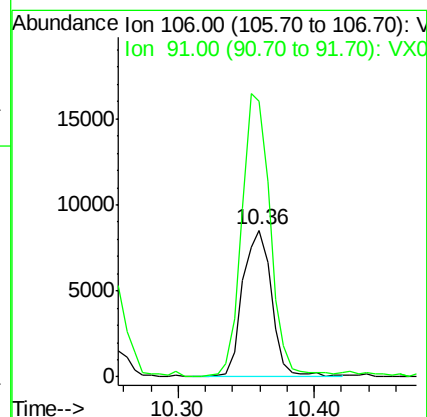
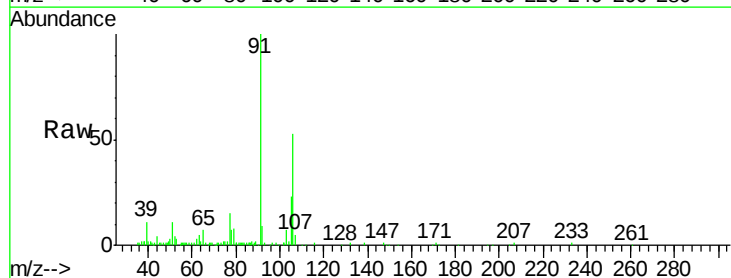
Acq: 15 Jan 2019 17:46

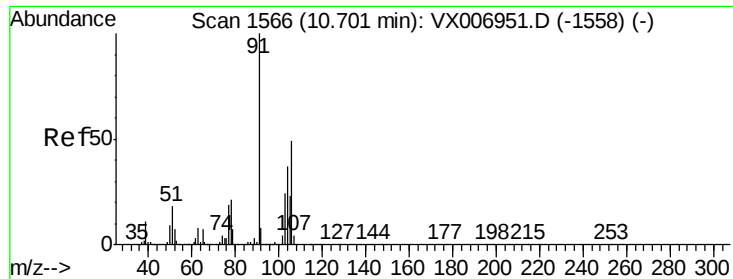
Tgt Ion: 106 Resp: 12741

Ion Ratio Lower Upper

106 100

91 189.6 155.8 233.6

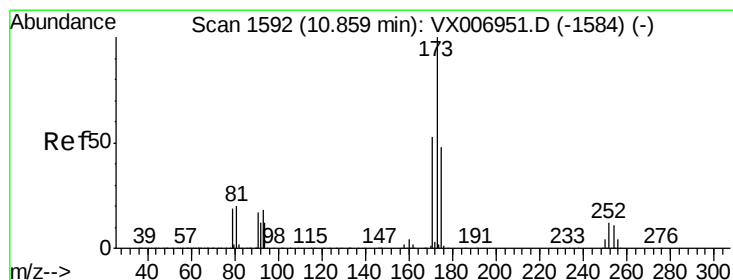
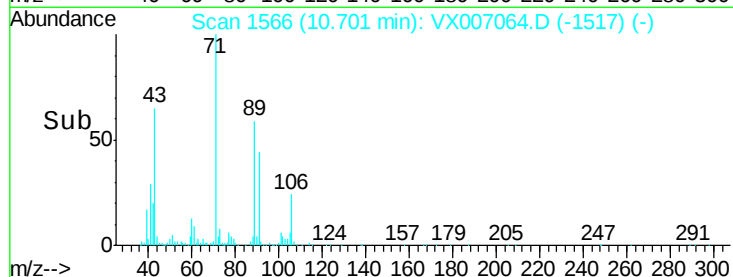
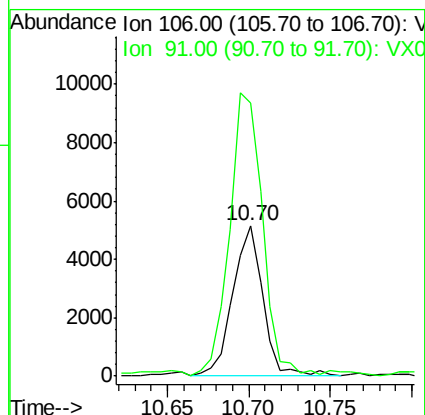
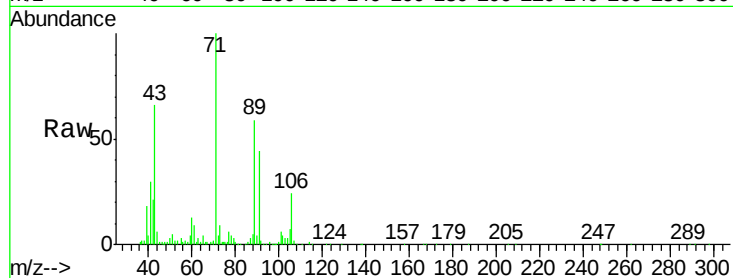




#69
o-Xylene
Concen: 0.574 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

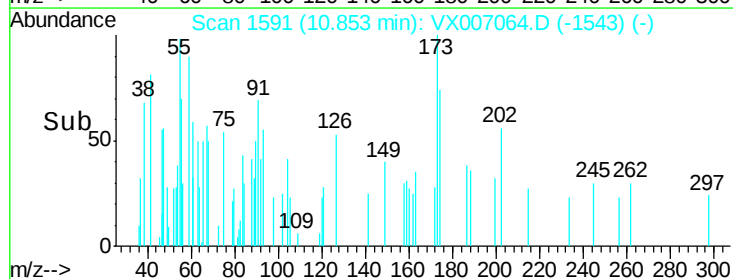
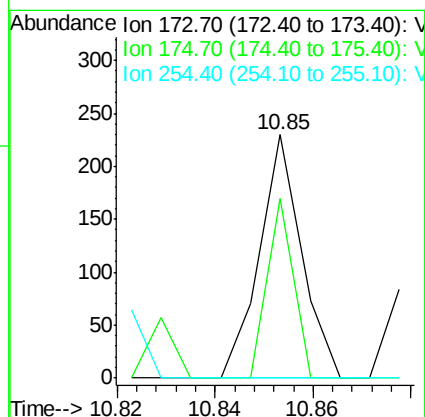
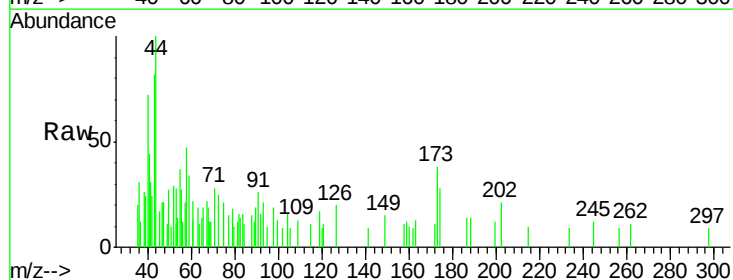
Instrument :
MSVOA_X
ClientSampled :
NB-07-011419

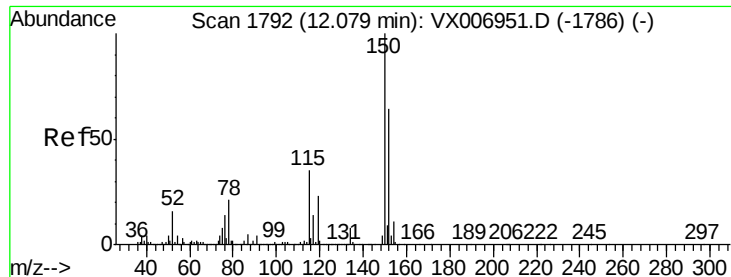
Tot Ion:106 Resp: 6660
Ion Ratio Lower Upper
106 100
91 204.5 101.3 303.7



#71
Bromoform
Concen: 4.750 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

Tgt Ion:173 Resp: 137
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 0.0 0.2 0.2#



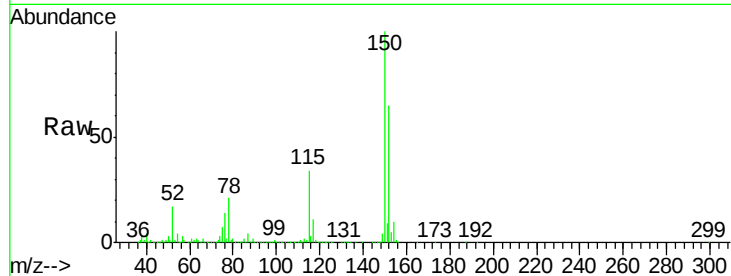


#72

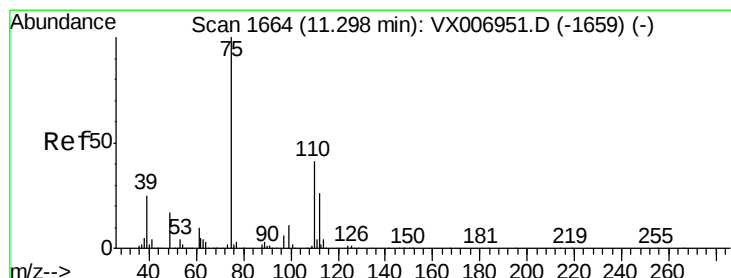
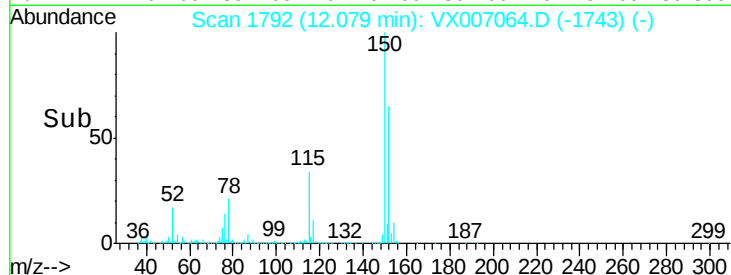
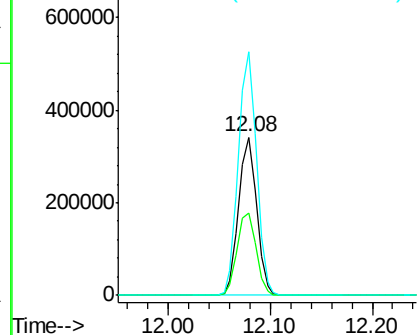
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.1	117.2
150	154.7	0.0	344.8



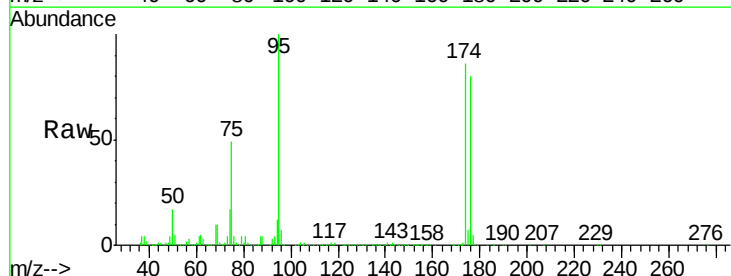
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



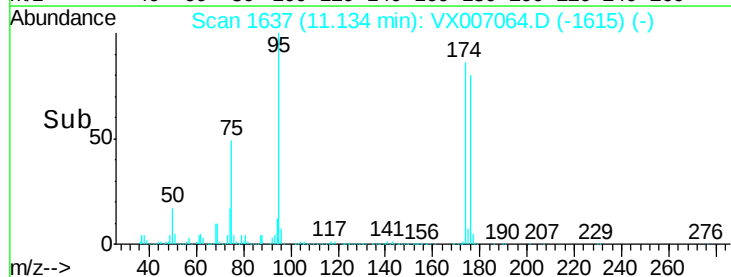
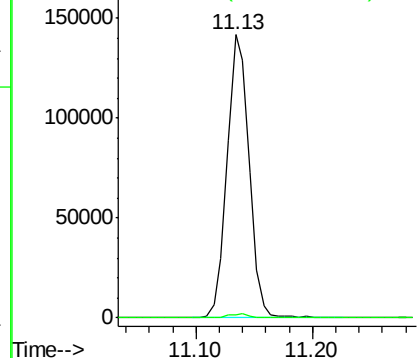
#76

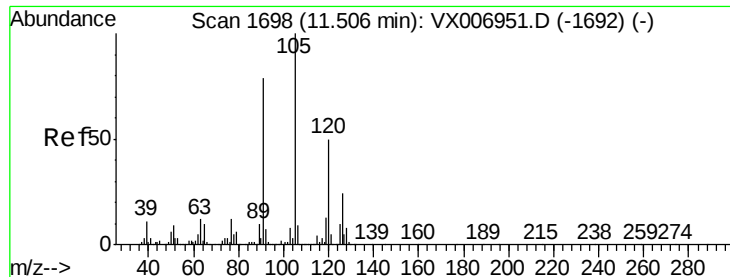
1,2,3-Trichloropropane
Concen: 21.913 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007064.D
Acq: 15 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.5	55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.516 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

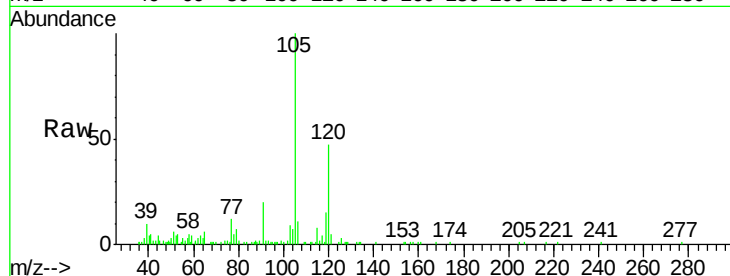
NB-07-011419

Tot Ion:105 Resp: 12641

Ion Ratio Lower Upper

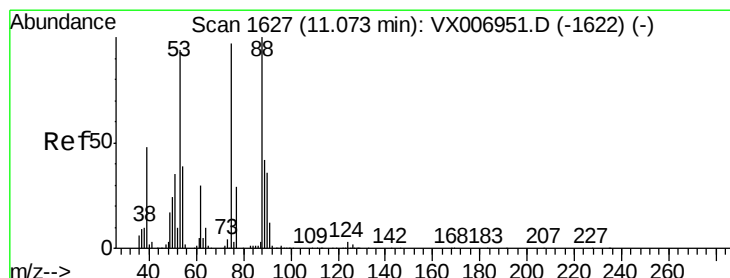
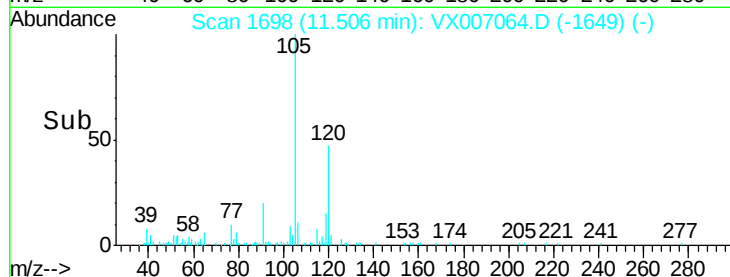
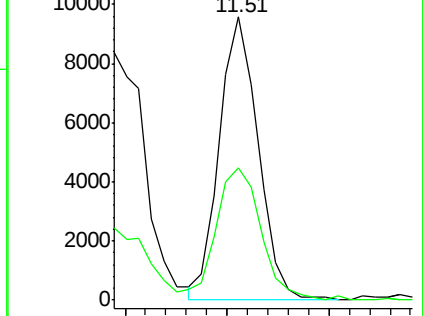
105 100

120 54.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.910 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

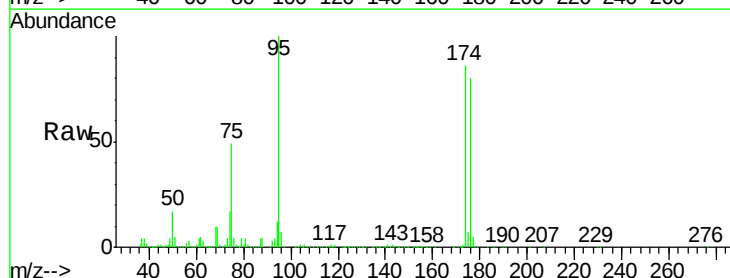
Tgt Ion: 75 Resp: 184709

Ion Ratio Lower Upper

75 100

53 0.3 79.7 119.5#

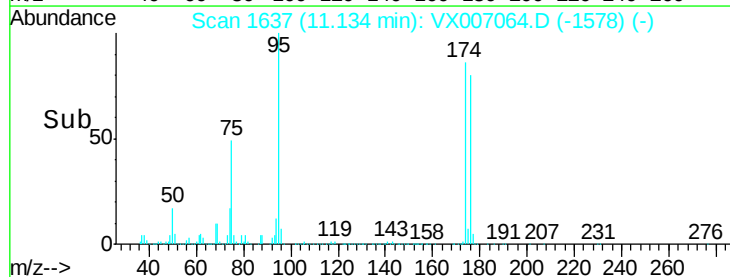
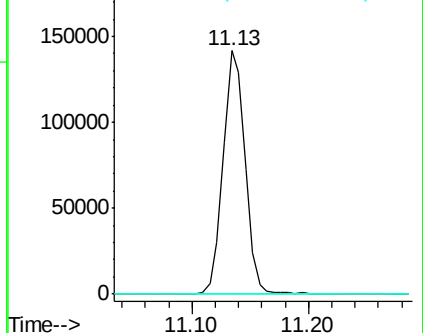
89 0.0 38.0 57.0#

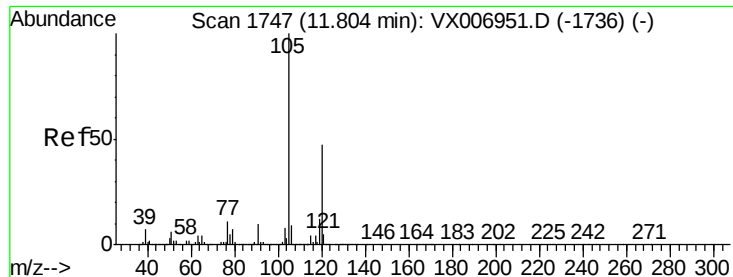


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#84

1,2,4-Trimethylbenzene

Concen: 1.894 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

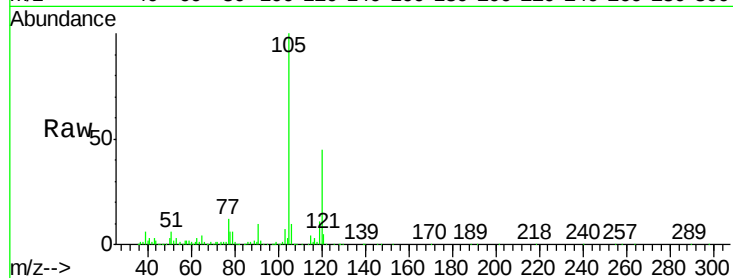
NB-07-011419

Tot Ion:105 Resp: 46682

Ion Ratio Lower Upper

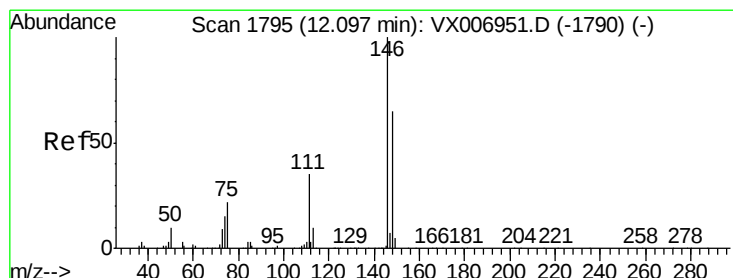
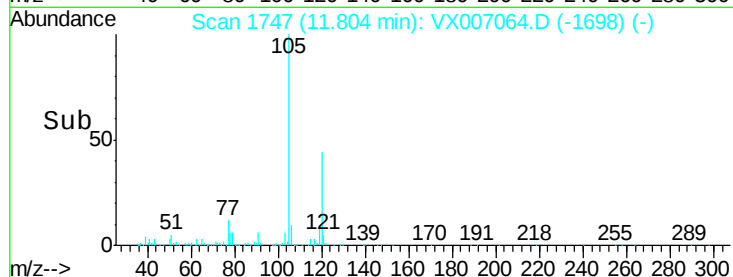
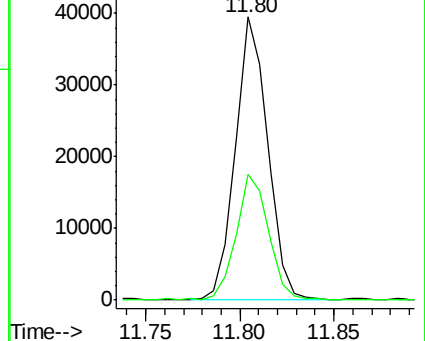
105 100

120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#88

1,4-Dichlorobenzene

Concen: 0.229 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.07 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

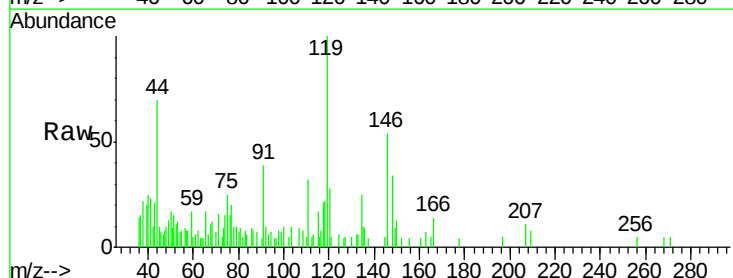
Tgt Ion:146 Resp: 1169

Ion Ratio Lower Upper

146 100

111 51.2 18.1 54.1

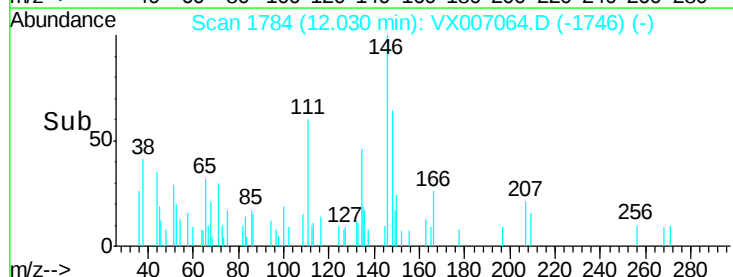
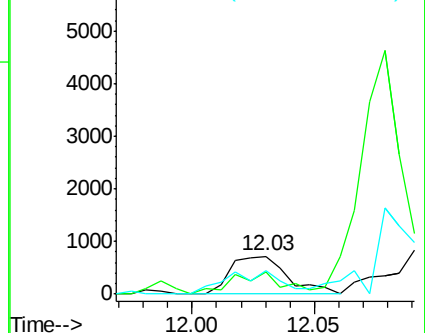
148 58.5 31.9 95.9

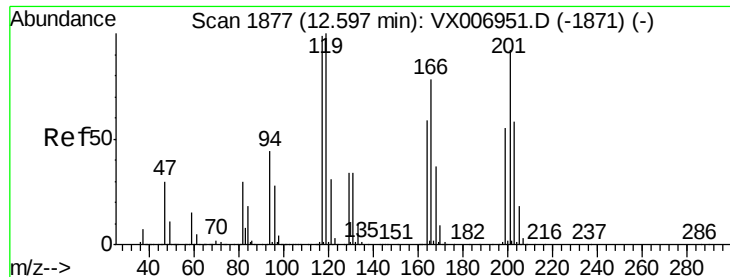


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 3.161 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

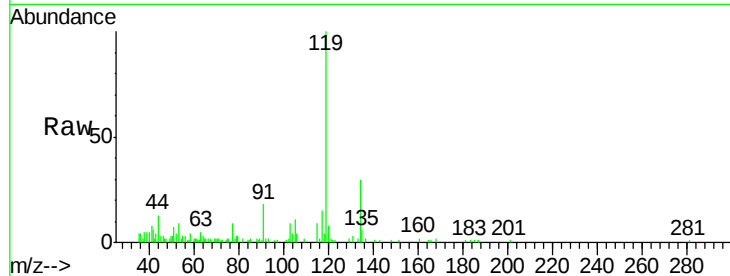
NB-07-011419

Tot Ion:117 Resp: 1119

Ion Ratio Lower Upper

117 100

201 4.4 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

800

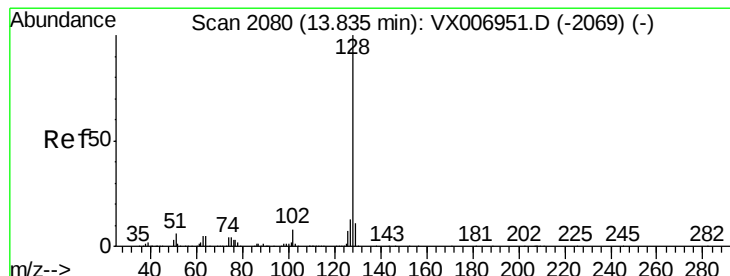
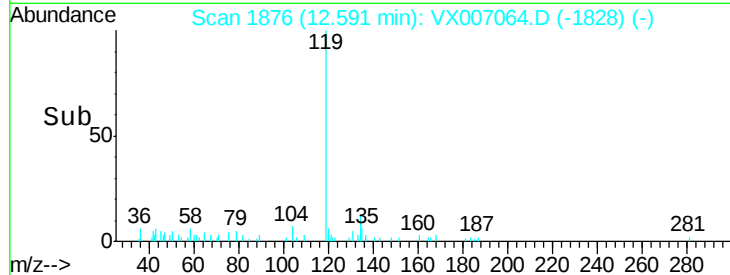
600

400

200

0

Time-->



#95

Naphthalene

Concen: 1.769 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007064.D

Acq: 15 Jan 2019 17:46

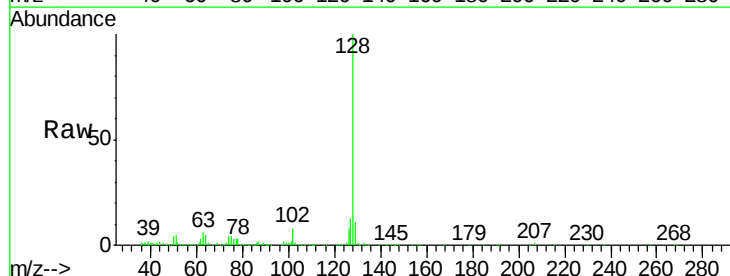
Tgt Ion:128 Resp: 53025

Ion Ratio Lower Upper

128 100

127 14.2 10.1 15.1

129 12.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83

60000

50000

40000

30000

20000

10000

0

Time-->

