

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050341.D
 Acq On : 4 Aug 2018 3:49
 Operator : MD\SY
 Sample : J4310-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-4

Quant Time: Aug 04 05:36:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	724199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1177763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1034901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	497510	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	7.59	113	440940	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
50) Toluene-d8	10.09	98	1622490	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.40	95	494505	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	4606	0.41	ug/l	92
5) Bromomethane	2.57	94	4507	Below	Cal	98
11) Tert butyl alcohol	4.81	59	294	0.40	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	1929	0.23	ug/l #	75
13) Acrolein	3.61	56	669	1.12	ug/l	100
14) Allyl chloride	4.50	41	1606286	124.11	ug/l #	27
16) Acetone	3.82	43	54222	18.77	ug/l	95
18) Methyl Acetate	4.34	43	13860	Below	Cal #	51
21) trans-1,2-Dichloroethene	5.04	96	4627	0.52	ug/l	99
25) 2-Butanone	6.86	43	5098	1.32	ug/l #	89
28) Bromochloromethane	7.20	49	274743	35.89	ug/l	98
29) Tetrahydrofuran	7.23	42	1637	0.66	ug/l #	58
30) Chloroform	7.38	83	8638	0.50	ug/l	88
31) Cyclohexane	7.66	56	13231	0.88	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	50117	3.78	ug/l #	48
37) Ethyl Acetate	6.86	43	5098	0.55	ug/l #	67
38) Carbon Tetrachloride	7.67	117	65322	4.64	ug/l #	17
41) Methacrylonitrile	7.22	41	596	2.87	ug/l #	36
43) Isopropyl Acetate	8.17	43	191137	10.05	ug/l #	91
48) Methyl methacrylate	9.18	41	4124	0.52	ug/l #	19
51) 4-Methyl-2-Pentanone	9.99	43	2607	0.29	ug/l	97
56) Ethyl methacrylate	10.23	69	2246	2.20	ug/l #	71
58) 2-Chloroethyl Vinyl ether	9.69	63	30	8.53	ug/l #	48
59) 2-Hexanone	10.77	43	3876	5.74	ug/l #	62
70) Styrene	11.97	104	665	0.95	ug/l #	51
71) Bromoform	12.41	173	3111	0.43	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	435	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	242548	28.57	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	242548	90.63	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	8192	0.29	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	64	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.91	180	511	3.14	ug/l #	48
95) Naphthalene	15.14	128	177316	12.16	ug/l	99

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QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

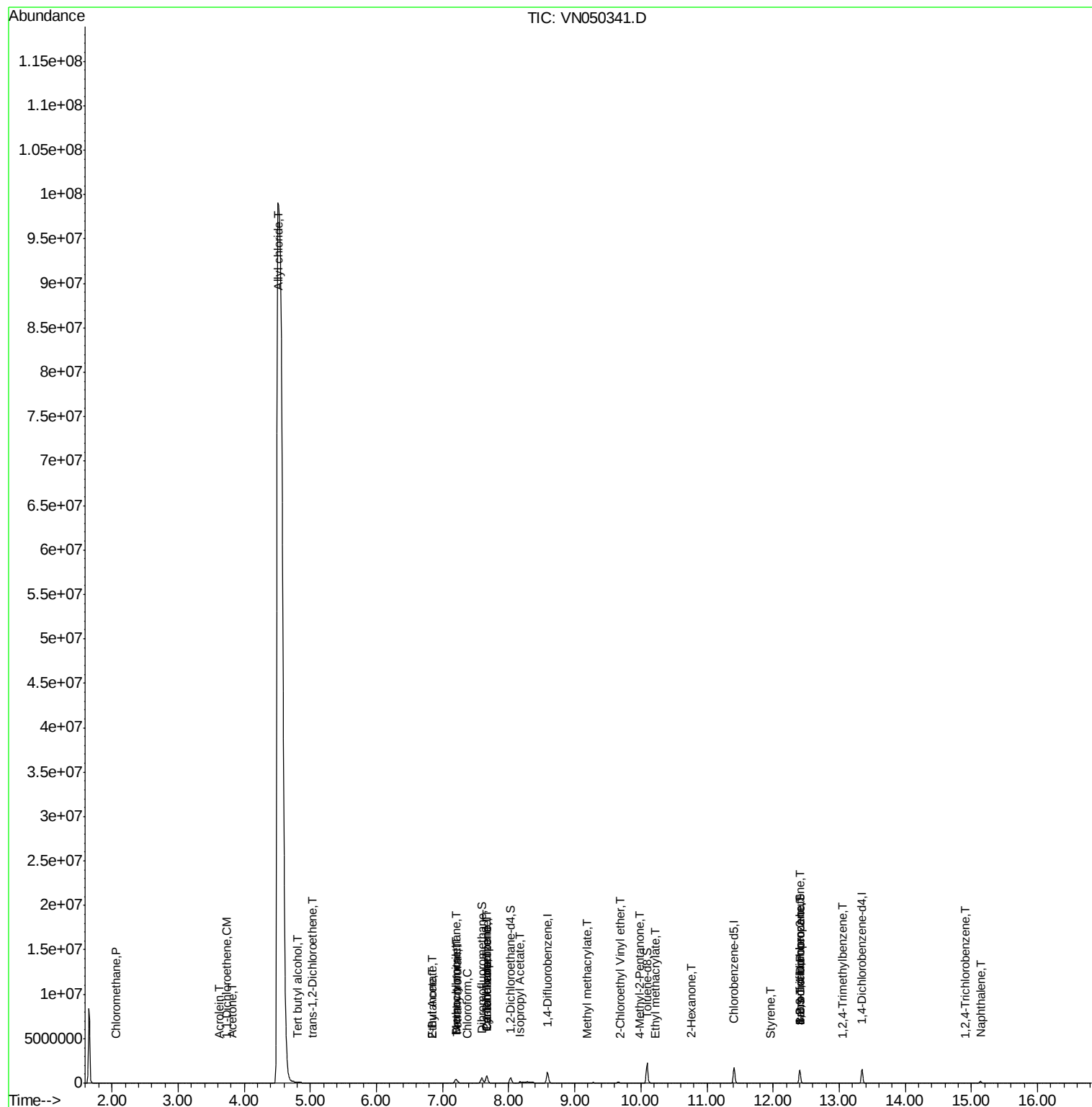
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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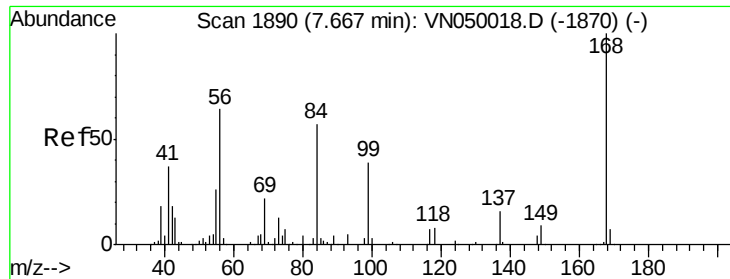
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :

MSVOA_N

ClientSampleId :

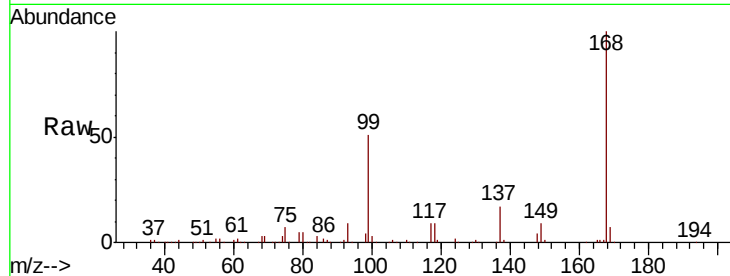
C-4

Tot Ion:168 Resp: 724199

Ion Ratio Lower Upper

168 100

99 50.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

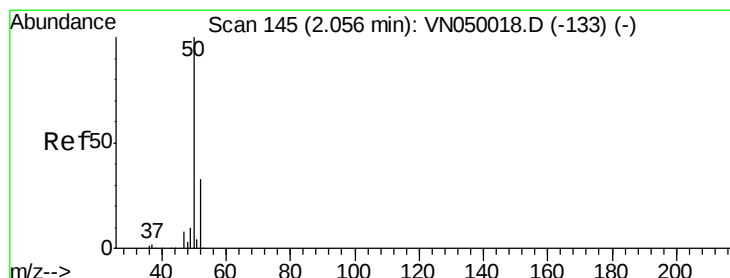
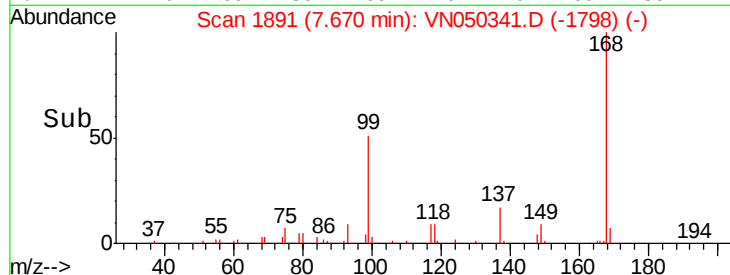
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.41 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050341.D

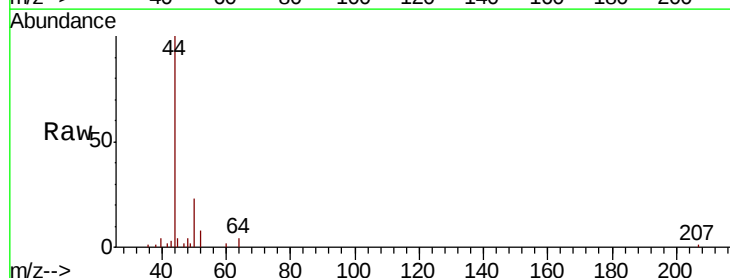
Acq: 4 Aug 2018 3:49

Tgt Ion: 50 Resp: 4606

Ion Ratio Lower Upper

50 100

52 36.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN050018.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050018.D (-133) (-)

2.06

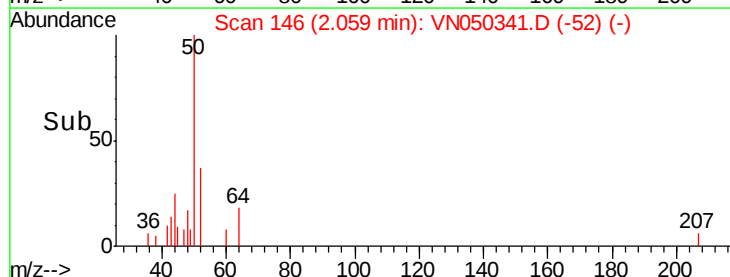
3000

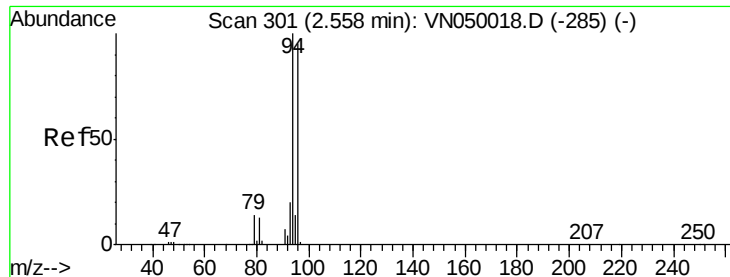
2000

1000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :

MSVOA_N

ClientSampled :

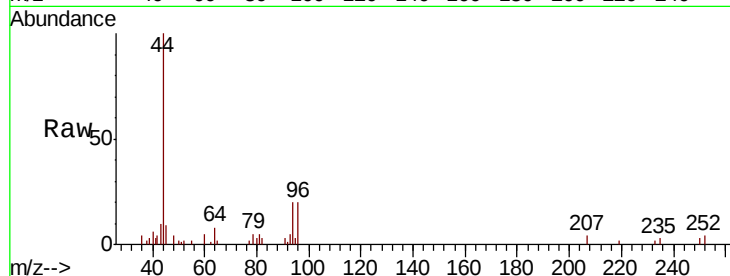
C-4

Tot Ion: 94 Resp: 4507

Ion Ratio Lower Upper

94 100

96 91.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2500

2000

1500

1000

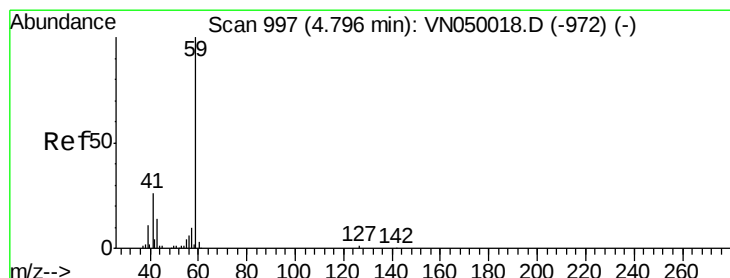
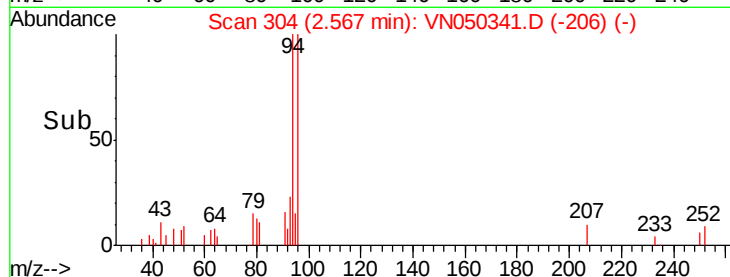
500

0

Time-->

2.50 2.55 2.60

2.57



#11

Tert butyl alcohol

Concen: 0.40 ug/l

RT: 4.81 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN050341.D

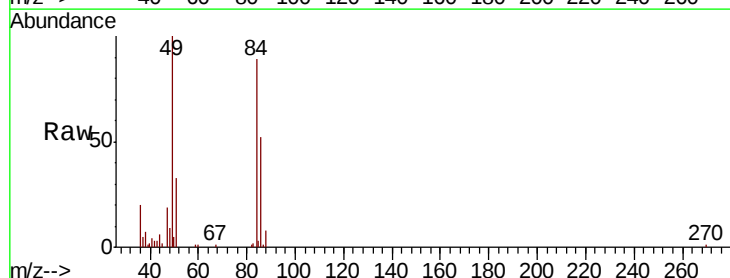
Acq: 4 Aug 2018 3:49

Tgt Ion: 59 Resp: 294

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

300

250

200

150

100

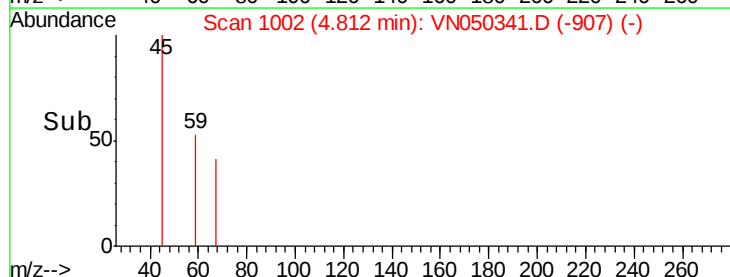
50

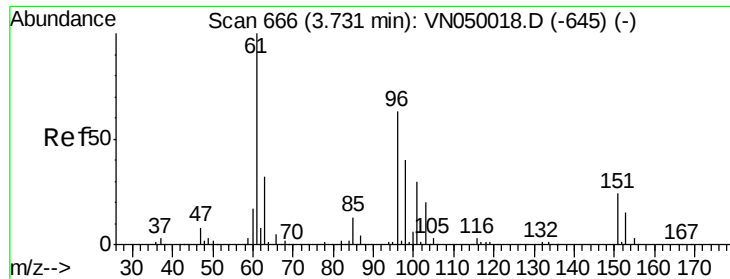
0

Time-->

4.78 4.80 4.82

4.81

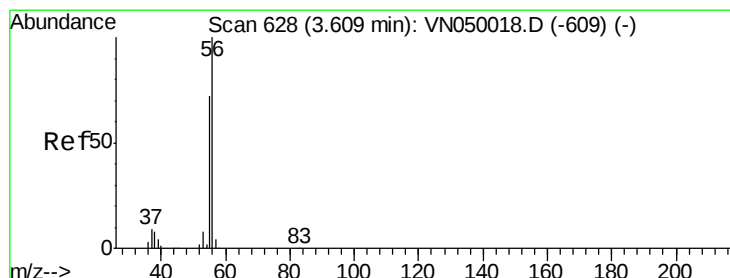
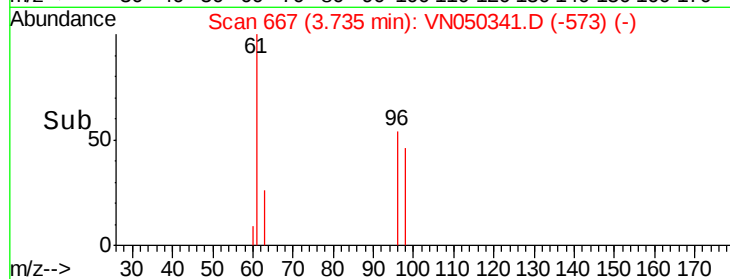
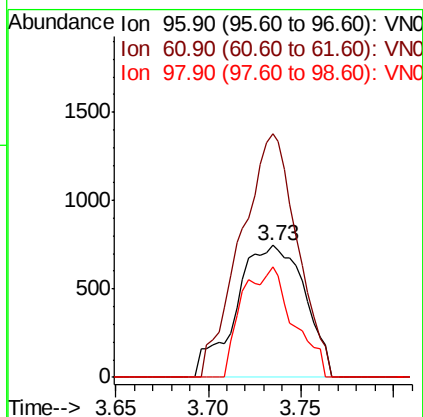
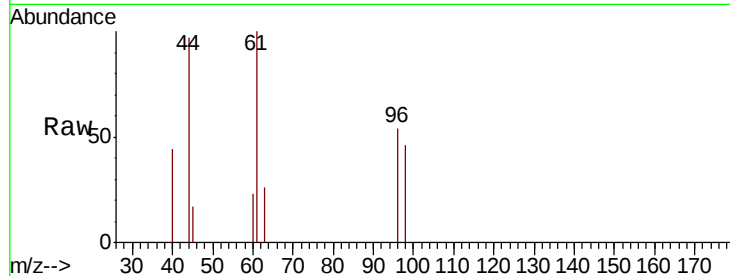




#12
 1,1-Dichloroethene
 Concen: 0.23 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050341.D
 Acq: 4 Aug 2018 3:49

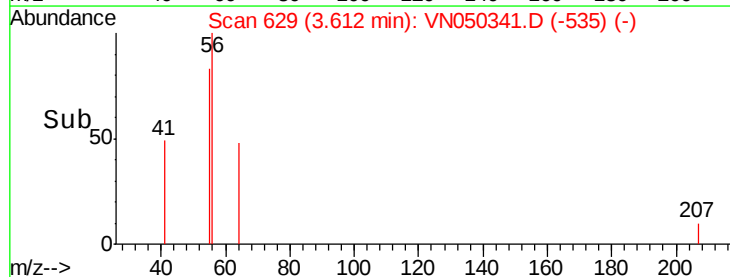
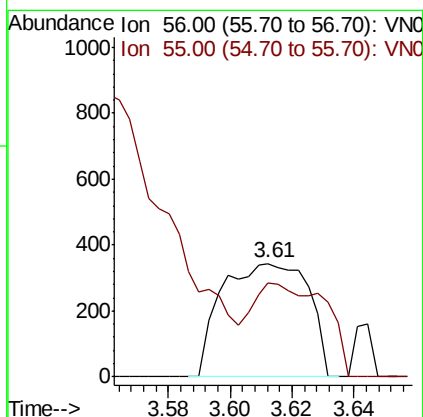
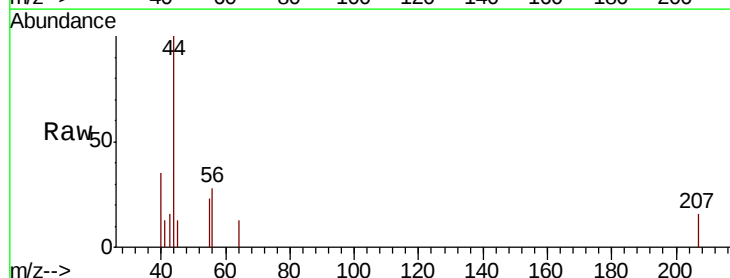
Instrument :
 MSVOA_N
 ClientSampled :
 C-4

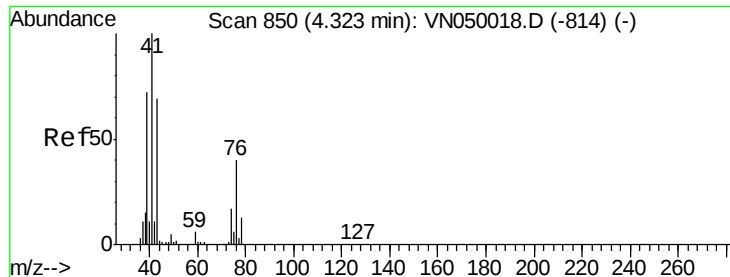
Tot Ion: 96 Resp: 1929
 Ion Ratio Lower Upper
 96 100
 61 184.6 124.4 186.6
 98 84.0 48.3 72.5#



#13
 Acrolein
 Concen: 1.12 ug/l
 RT: 3.61 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: VN050341.D
 Acq: 4 Aug 2018 3:49

Tgt Ion: 56 Resp: 669
 Ion Ratio Lower Upper
 56 100
 55 69.4 55.8 83.6





#14

Allvl chloride

Concen: 124.11 ug/l

RT: 4.50 min Scan# 906

Delta R.T. 0.18 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :

MSVOA_N

ClientSampled :

C-4

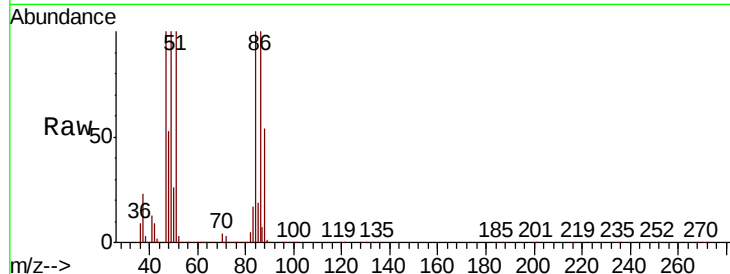
Tot Ion: 41 Resp: 1606286

Ion Ratio Lower Upper

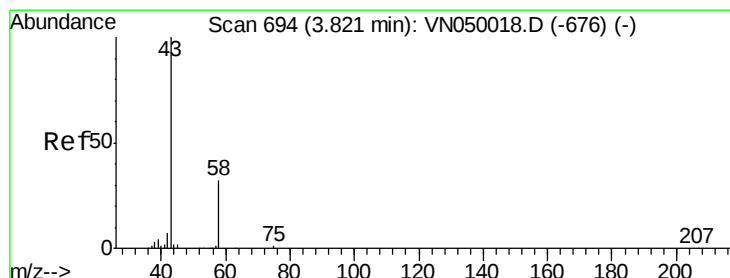
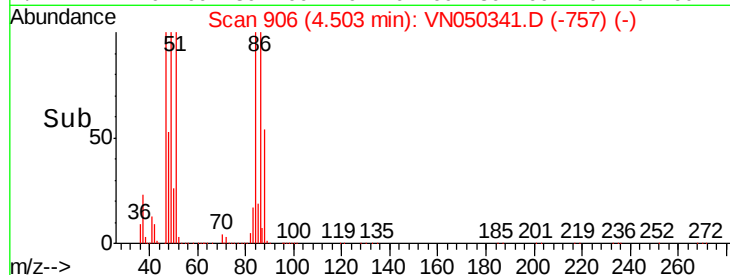
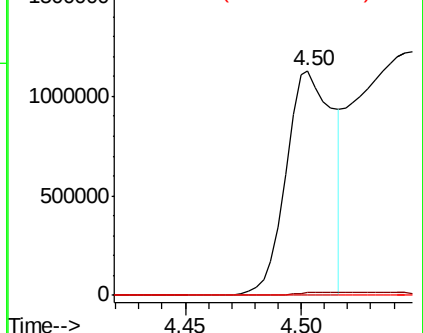
41 100

39 4.0 54.2 81.4#

76 0.0 29.0 43.6#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO



#16

Acetone

Concen: 18.77 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050341.D

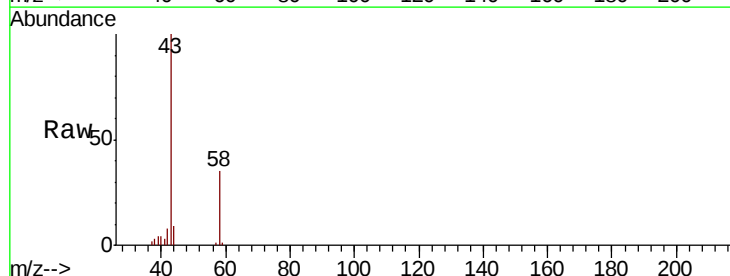
Acq: 4 Aug 2018 3:49

Tgt Ion: 43 Resp: 54222

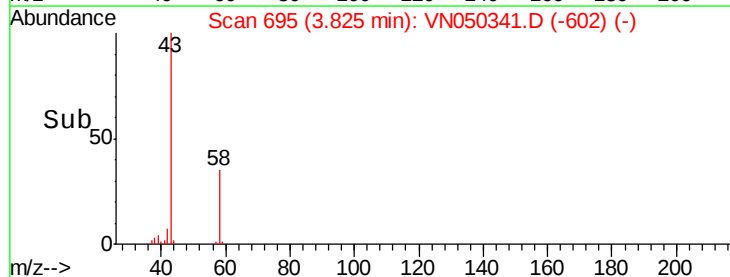
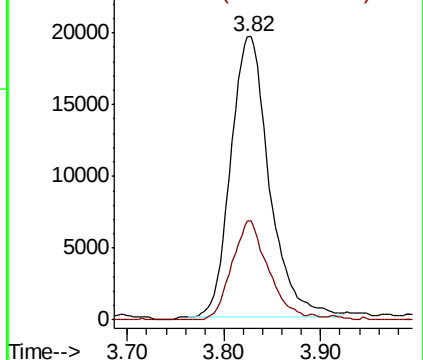
Ion Ratio Lower Upper

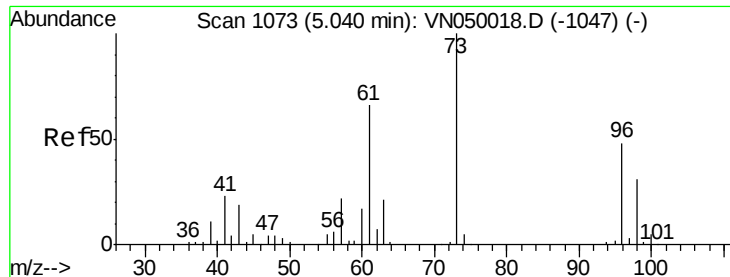
43 100

58 35.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#21

trans-1,2-Dichloroethene

Concen: 0.52 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :

MSVOA_N

ClientSampled :

C-4

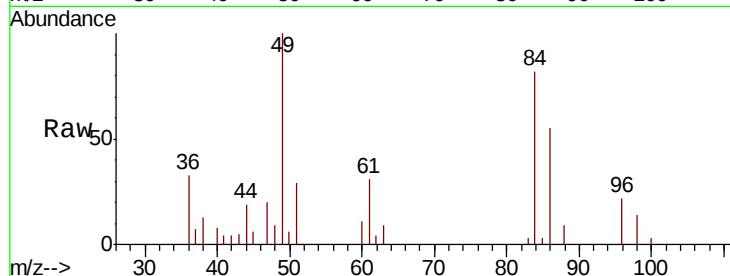
Tot Ion: 96 Resp: 4627

Ion Ratio Lower Upper

96 100

61 140.6 110.7 166.1

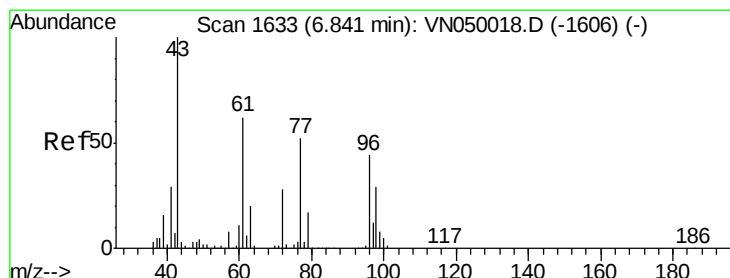
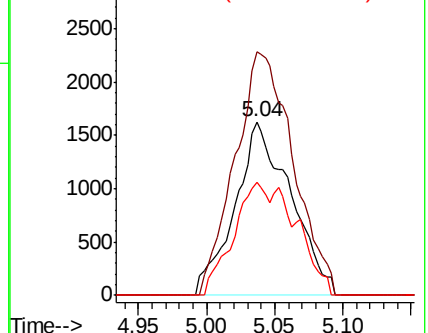
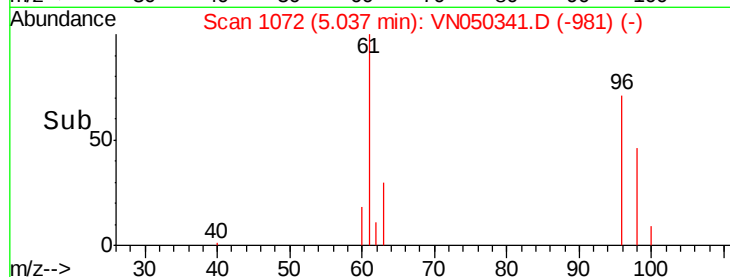
98 65.0 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#25

2-Butanone

Concen: 1.32 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VN050341.D

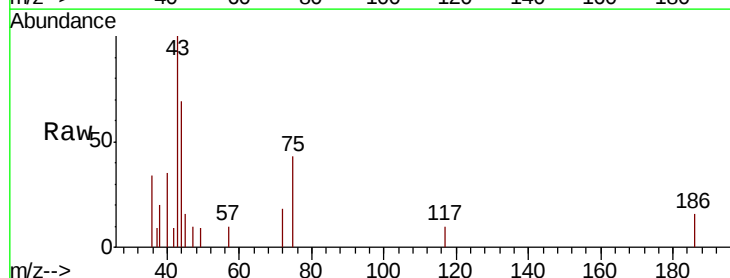
Acq: 4 Aug 2018 3:49

Tgt Ion: 43 Resp: 5098

Ion Ratio Lower Upper

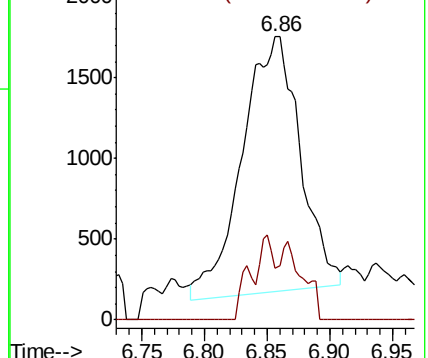
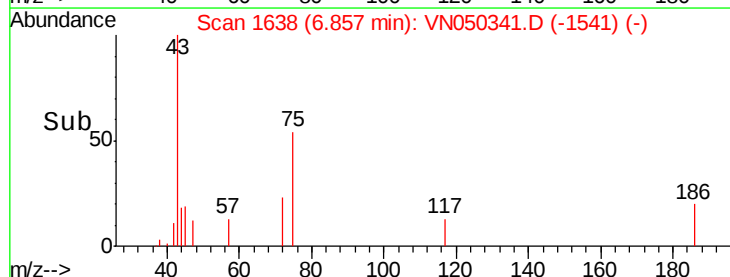
43 100

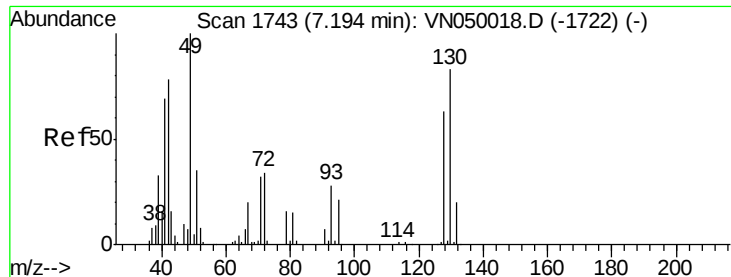
72 21.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#28

Bromochloromethane

Concen: 35.89 ug/l

RT: 7.20 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :
MSVOA_N
ClientSampled :
C-4

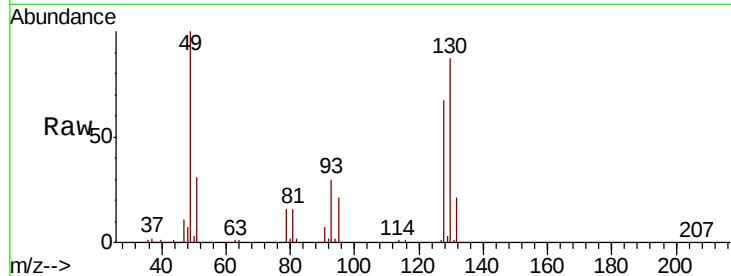
Tot Ion: 49 Resp: 274743

Ion Ratio Lower Upper

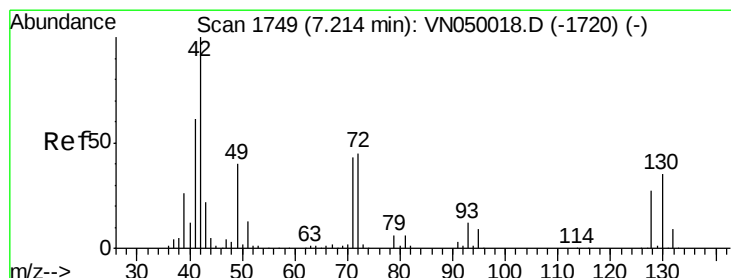
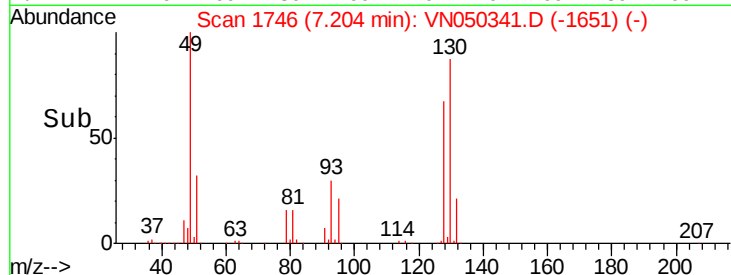
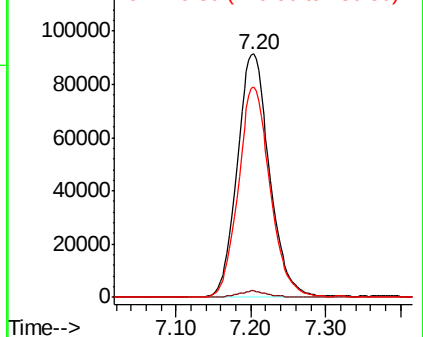
49 100

129 2.4 0.0 4.0

130 85.0 66.3 99.5



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.66 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

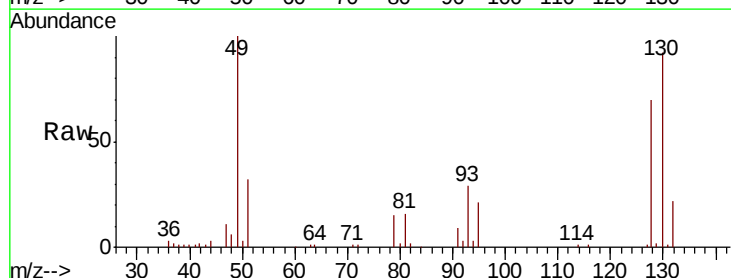
Tgt Ion: 42 Resp: 1637

Ion Ratio Lower Upper

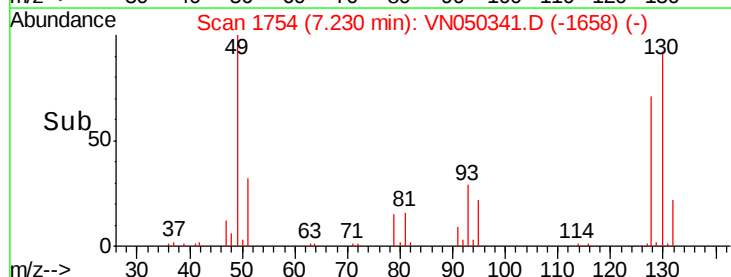
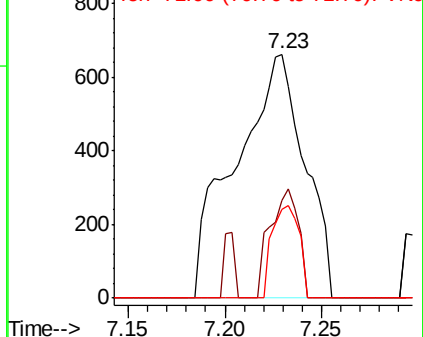
42 100

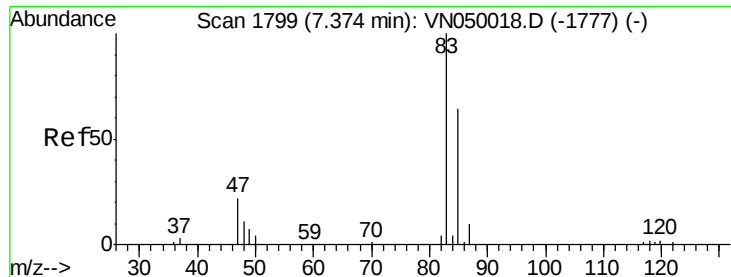
72 18.3 35.9 53.9#

71 14.7 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0





#30

Chloroform

Concen: 0.50 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :

MSVOA_N

ClientSampleId :

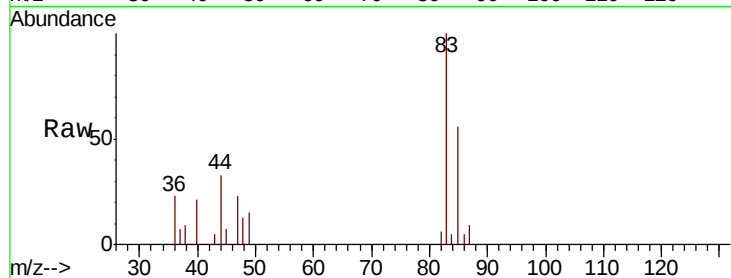
C-4

Tot Ion: 83 Resp: 8638

Ion Ratio Lower Upper

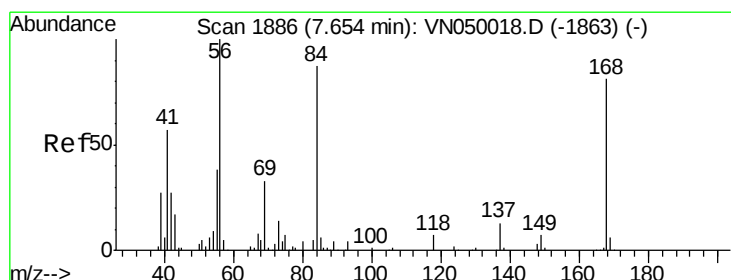
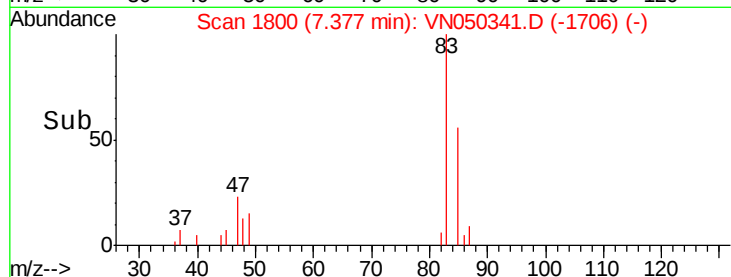
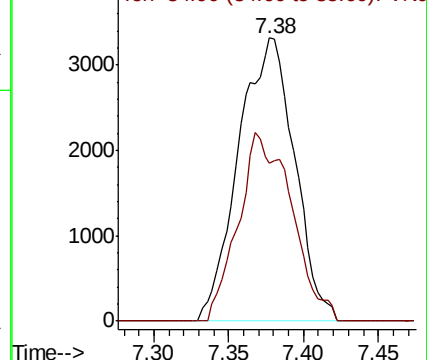
83 100

85 55.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#31

Cyclohexane

Concen: 0.88 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

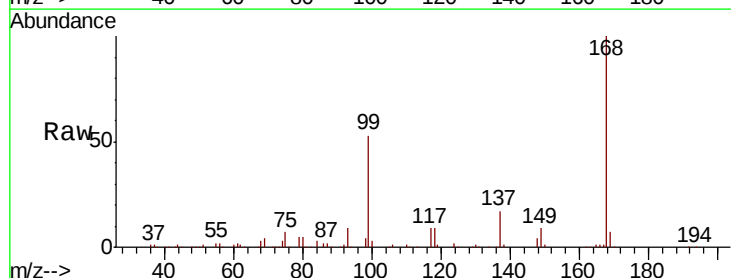
Tgt Ion: 56 Resp: 13231

Ion Ratio Lower Upper

56 100

69 174.3 26.2 39.4#

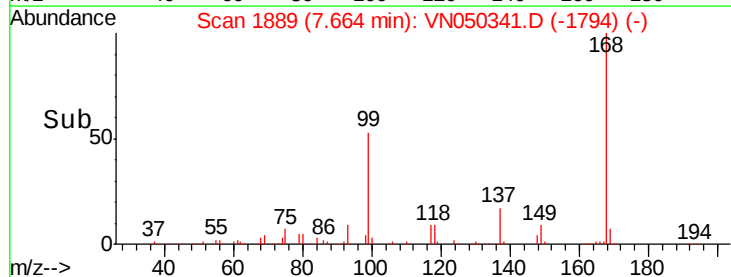
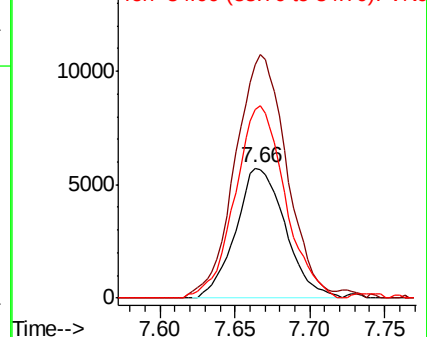
84 145.6 67.4 101.0#

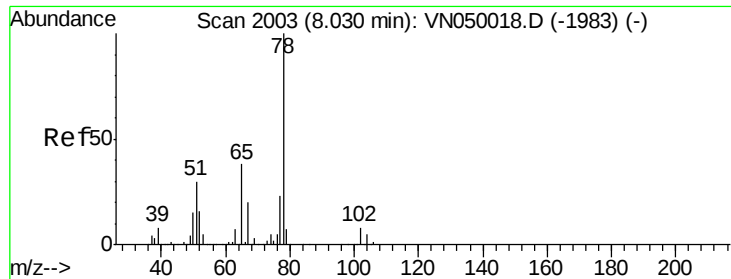


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.24 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :

MSVOA_N

ClientSampleId :

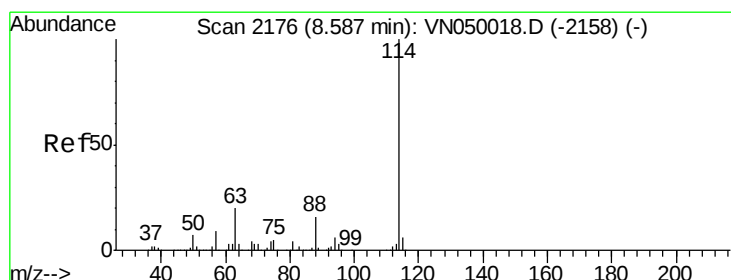
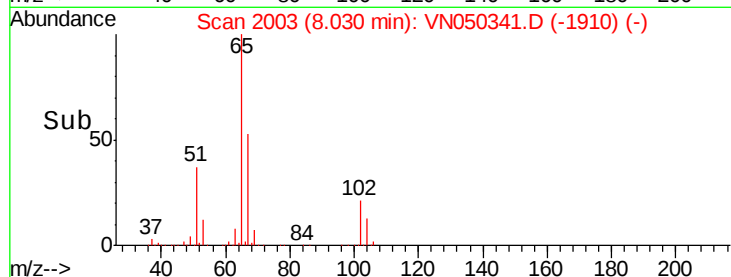
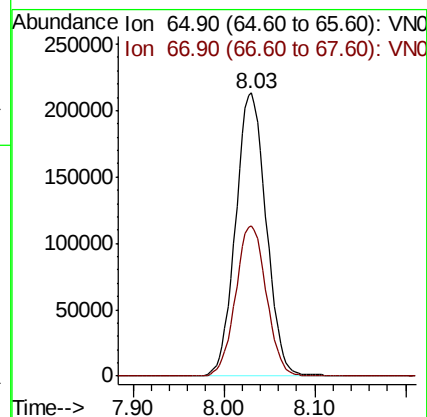
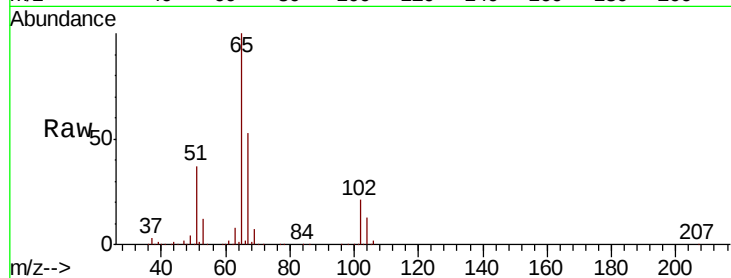
C-4

Tot Ion: 65 Resp: 497510

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

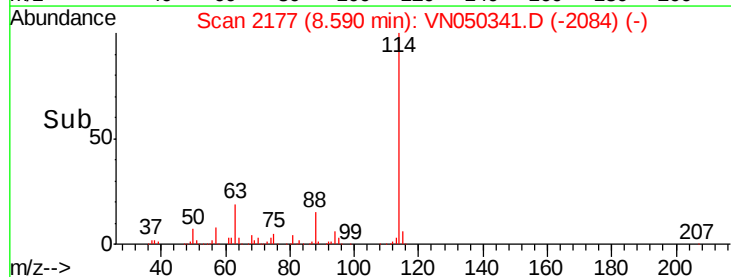
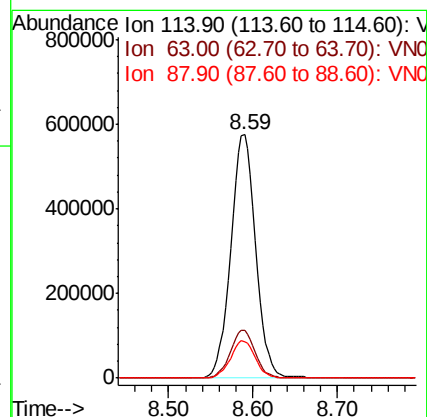
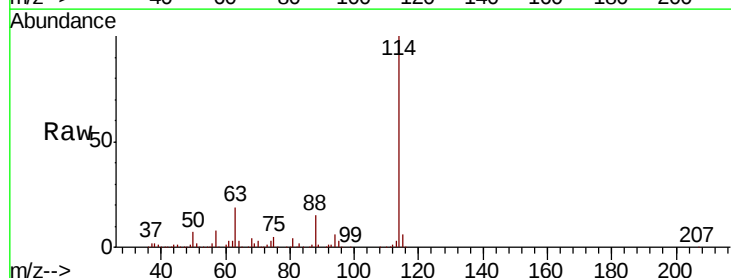
Tgt Ion: 114 Resp: 1177763

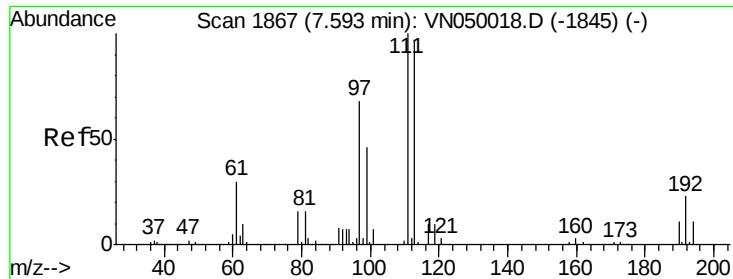
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.2 0.0 31.2

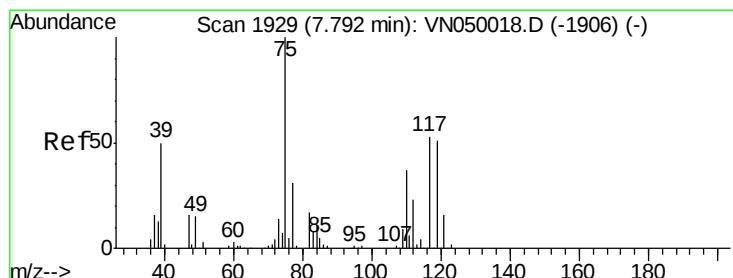
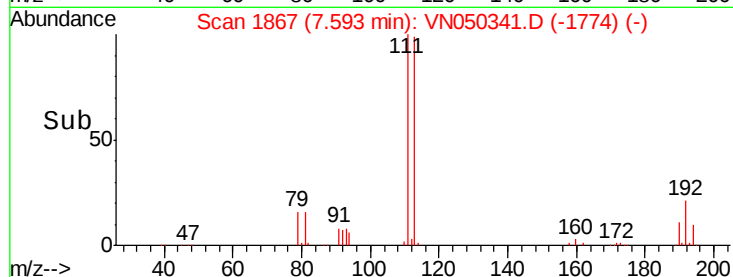
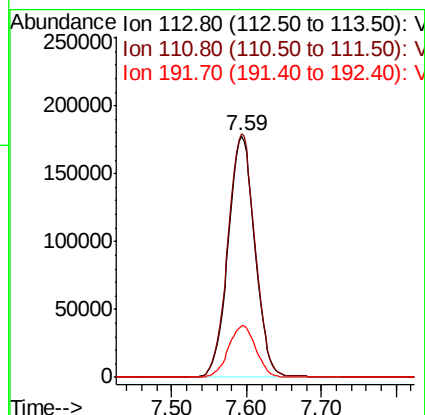
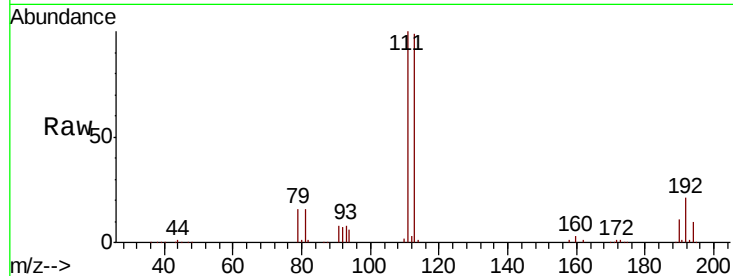




#35
Dibromofluoromethane
Concen: 45.85 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

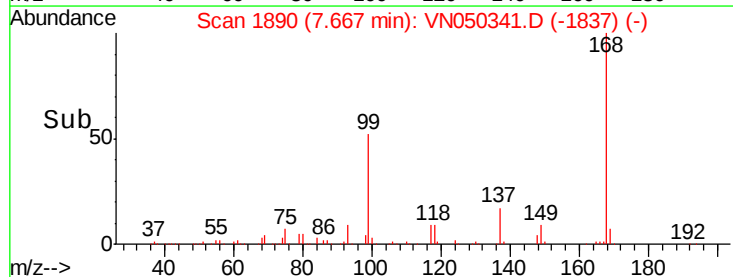
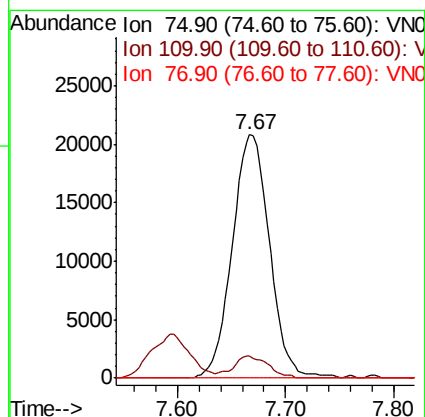
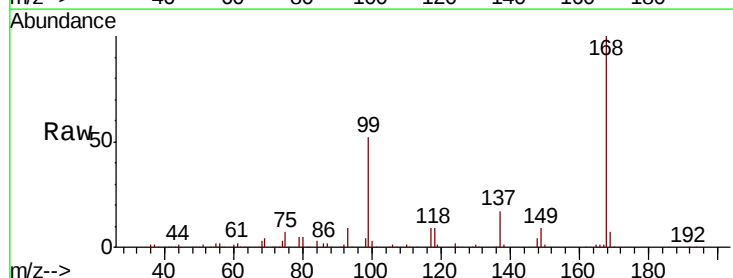
Instrument :
MSVOA_N
ClientSampleId :
C-4

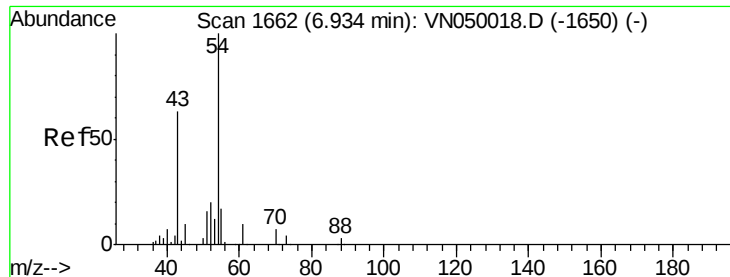
Tot Ion:113 Resp: 440940
Ion Ratio Lower Upper
113 100
111 102.4 80.7 121.1
192 22.0 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.78 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

Tgt Ion: 75 Resp: 50117
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.55 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. -0.08 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :

MSVOA_N

ClientSampleId :

C-4

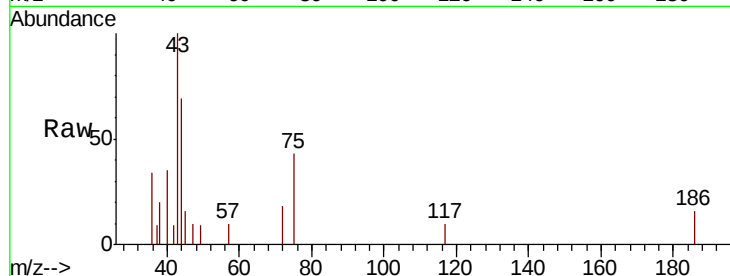
Tot Ion: 43 Resp: 5098

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

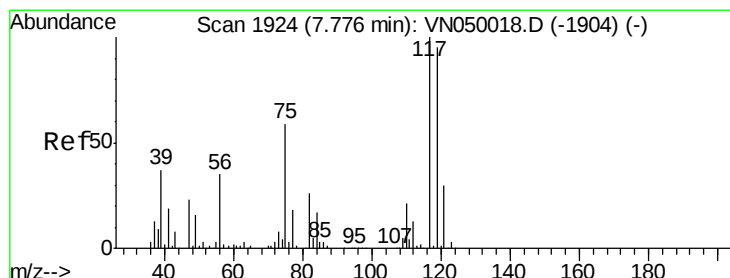
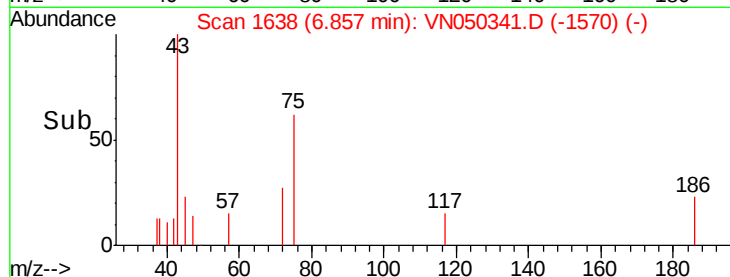
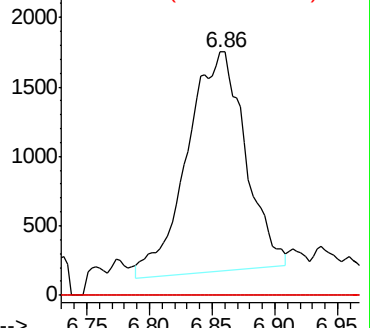
70 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-1650) (-)

Ion 60.90 (60.60 to 61.60): VN050018.D (-1650) (-)

Ion 70.00 (69.70 to 70.70): VN050018.D (-1650) (-)



#38

Carbon Tetrachloride

Concen: 4.64 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

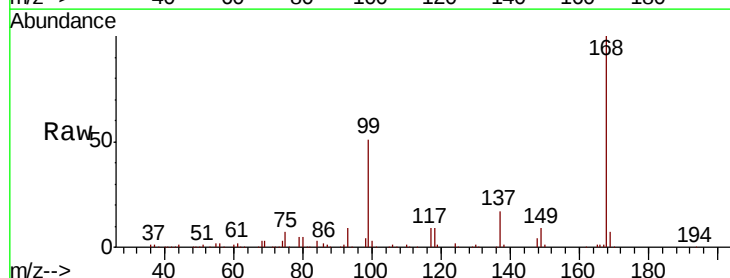
Tgt Ion: 117 Resp: 65322

Ion Ratio Lower Upper

117 100

119 6.4 77.4 116.0#

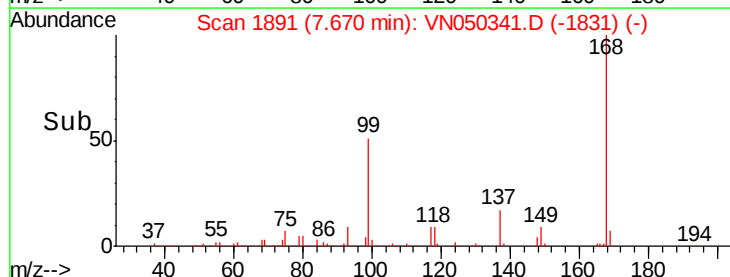
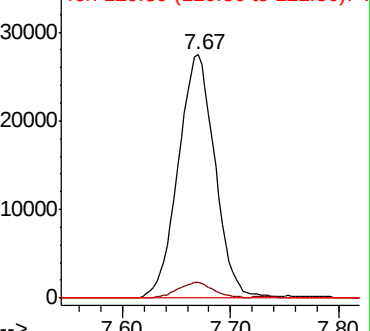
121 0.0 23.9 35.9#

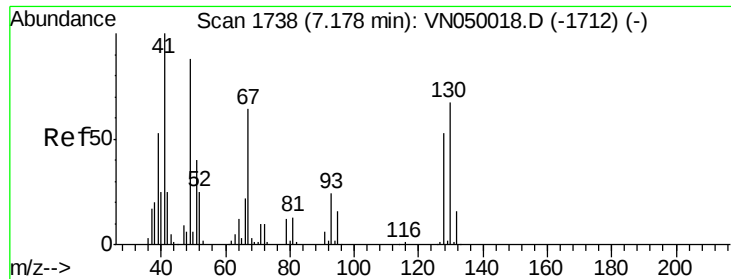


Abundance Ion 116.80 (116.50 to 117.50): VN050018.D (-1904) (-)

Ion 118.80 (118.50 to 119.50): VN050018.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN050018.D (-1904) (-)

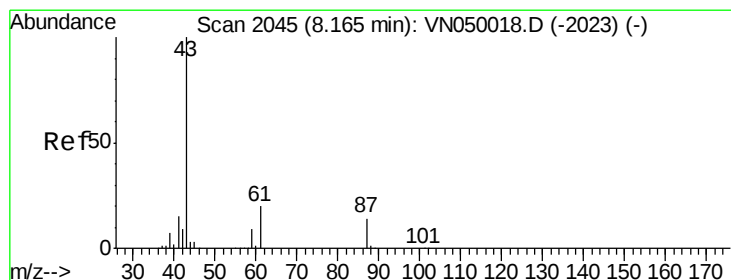
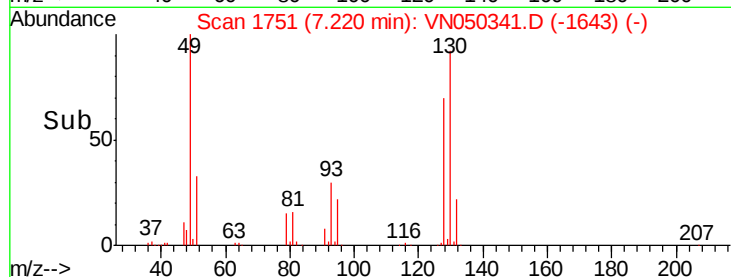
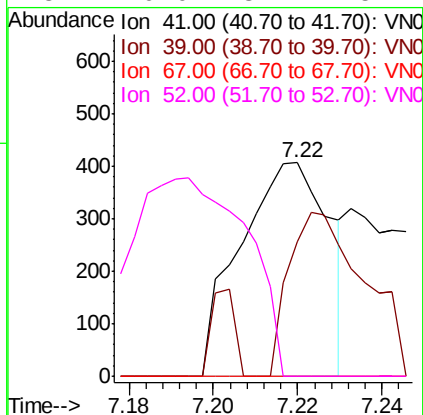
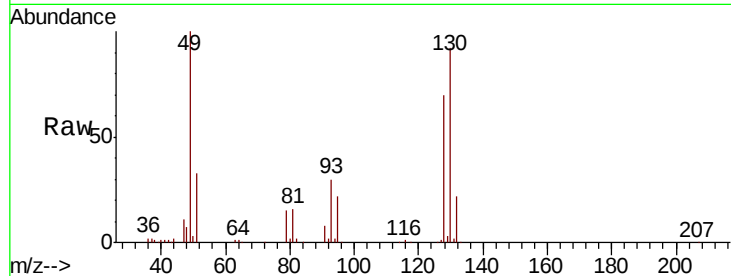




#41
Methacrylonitrile
Concen: 2.87 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.05 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

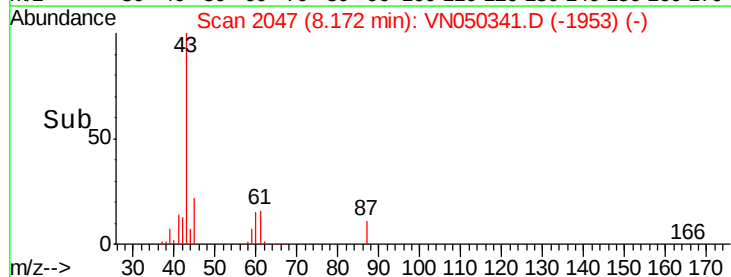
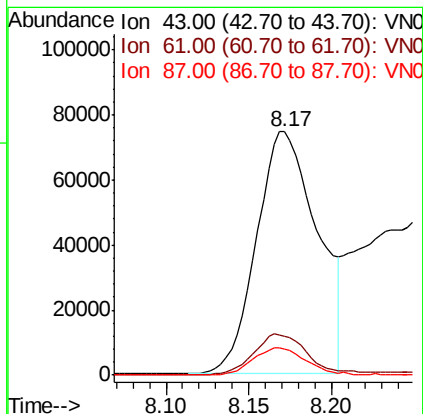
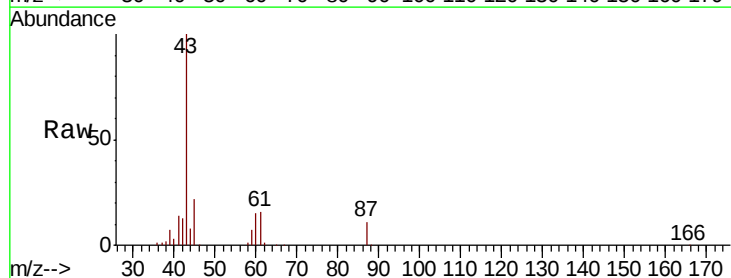
Instrument :
MSVOA_N
ClientSampled :
C-4

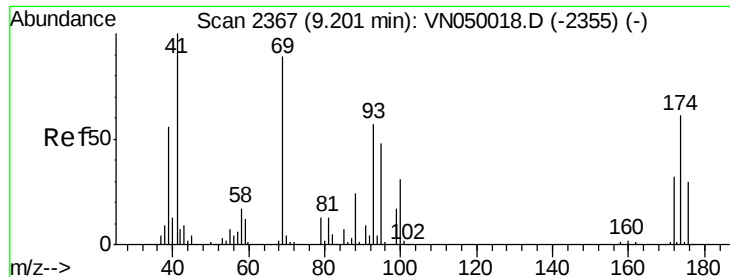
Tot Ion: 41 Resp: 596
Ion Ratio Lower Upper
41 100
39 64.9 55.8 83.6
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 10.05 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

Tgt Ion: 43 Resp: 191137
Ion Ratio Lower Upper
43 100
61 15.2 15.8 23.6#
87 9.7 10.3 15.5#

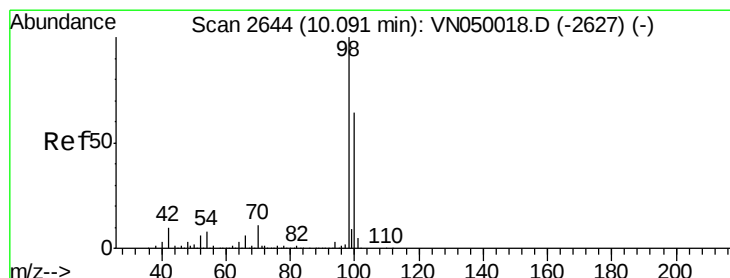
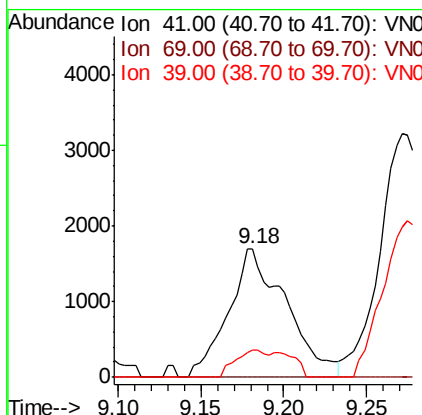
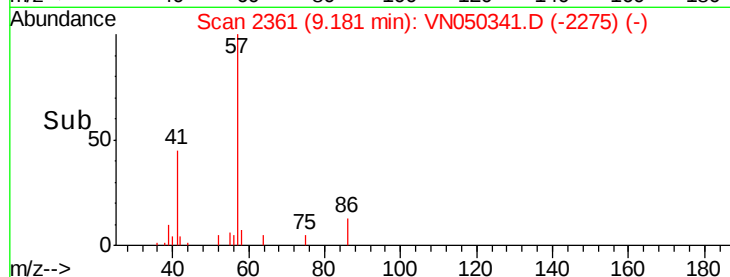
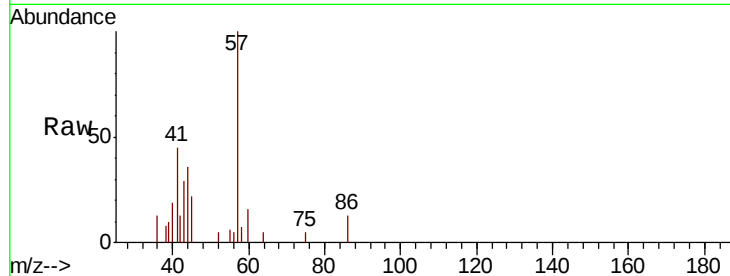




#48
Methvl methacrylate
Concen: 0.52 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

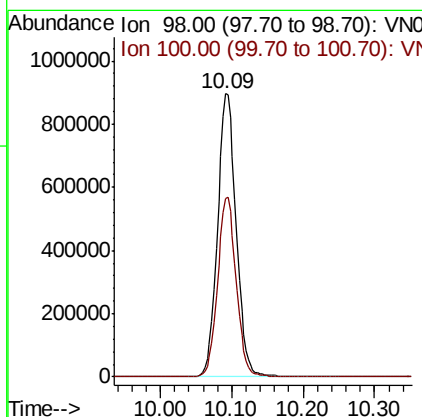
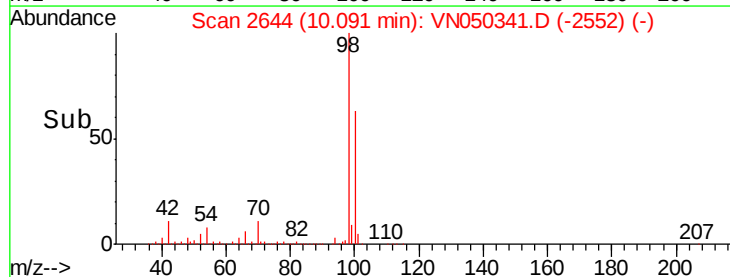
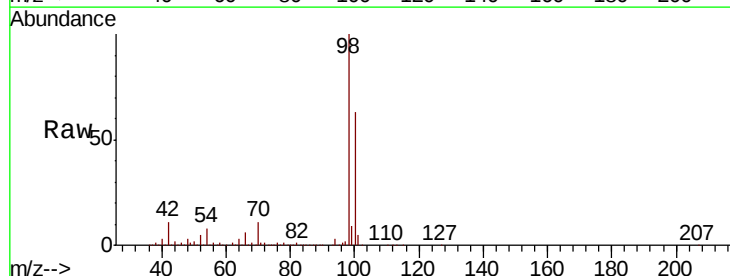
Instrument :
MSVOA_N
ClientSampleId :
C-4

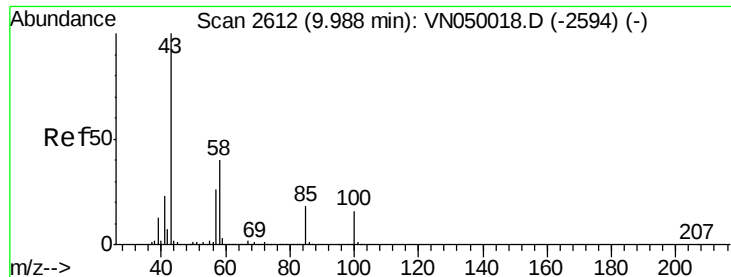
Tot Ion: 41 Resp: 4124
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 11.9 43.9 65.9#



#50
Toluene-d8
Concen: 45.89 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

Tgt Ion: 98 Resp: 1622490
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1

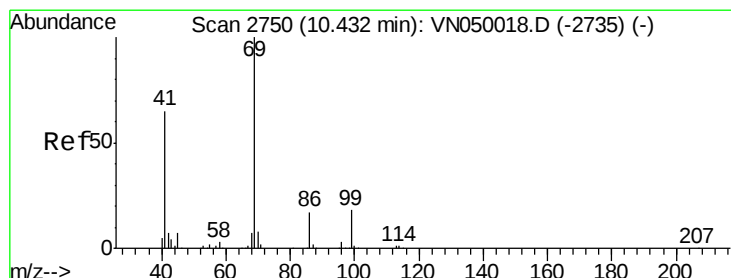
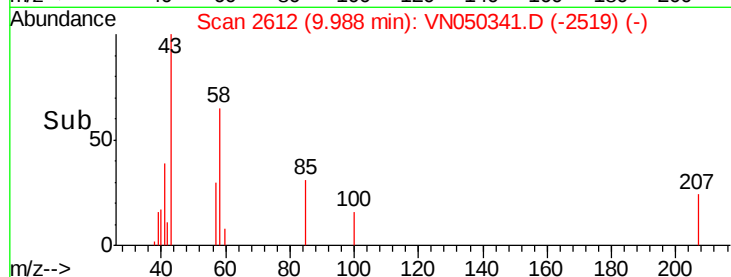
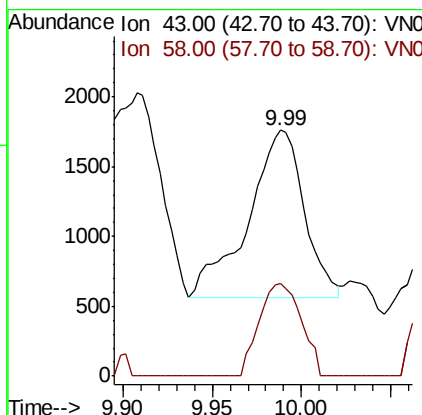
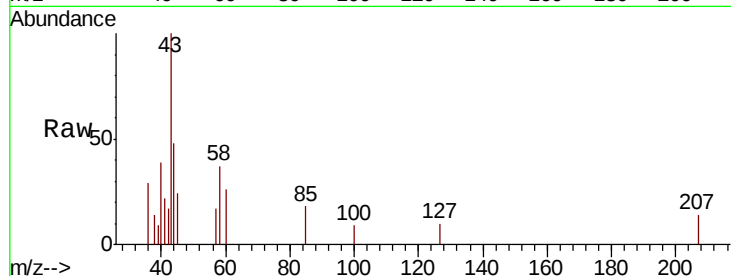




#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. -0.00 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

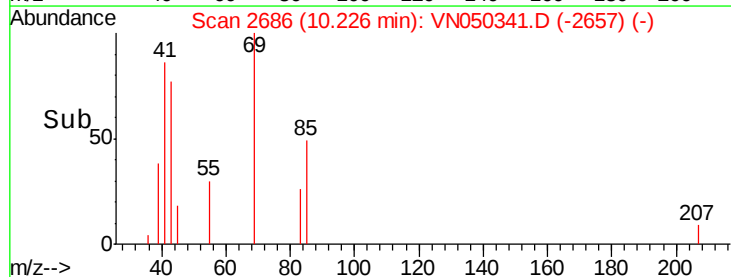
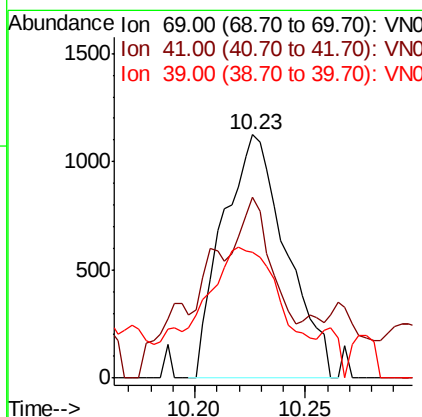
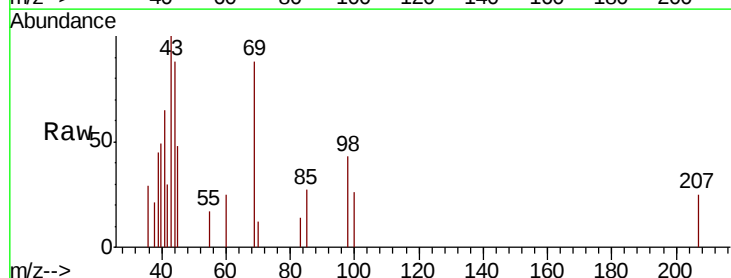
Instrument :
MSVOA_N
ClientSampled :
C-4

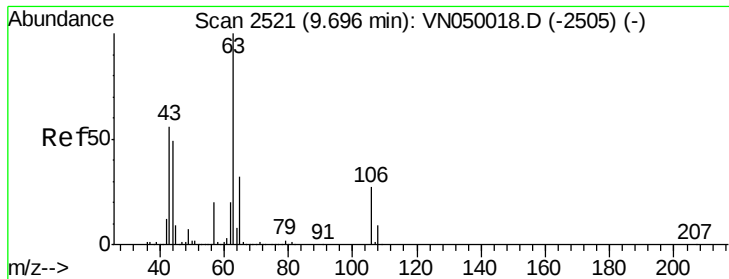
Tot Ion: 43 Resp: 2607
Ion Ratio Lower Upper
43 100
58 41.9 31.9 47.9



#56
Ethyl methacrylate
Concen: 2.20 ug/l
RT: 10.23 min Scan# 2686
Delta R.T. -0.21 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

Tgt Ion: 69 Resp: 2246
Ion Ratio Lower Upper
69 100
41 43.1 51.0 76.4#
39 52.0 26.6 40.0#

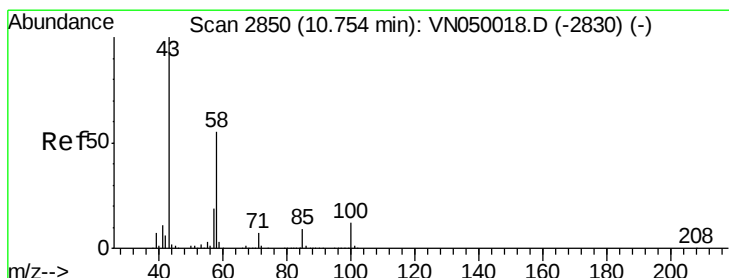
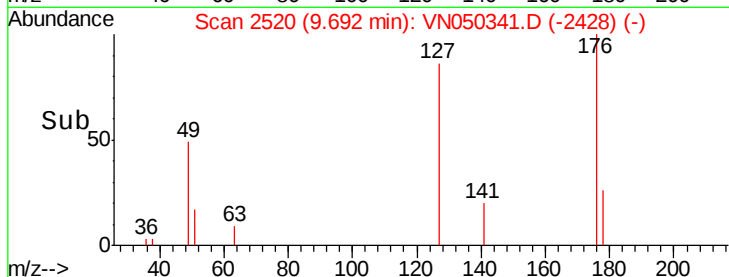
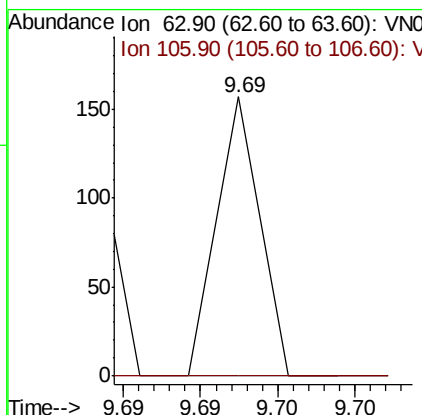
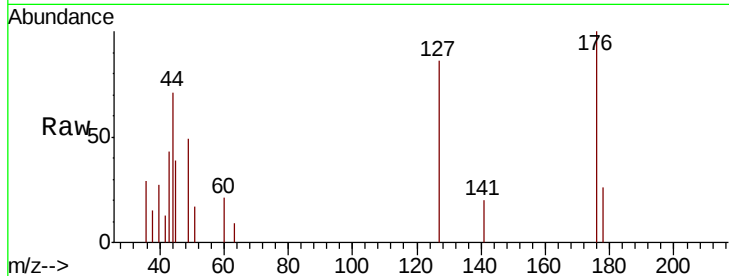




#58
2-Chloroethyl Vinyl ether
Concen: 8.53 ug/l
RT: 9.69 min Scan# 2520
Delta R.T. -0.01 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

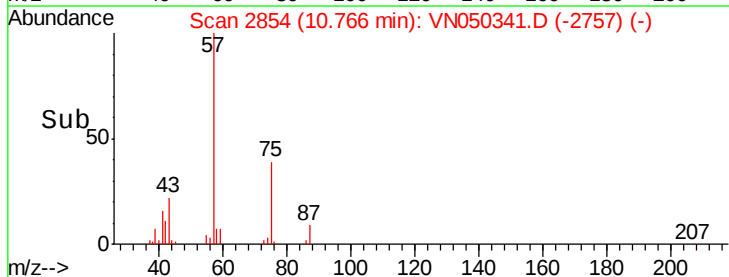
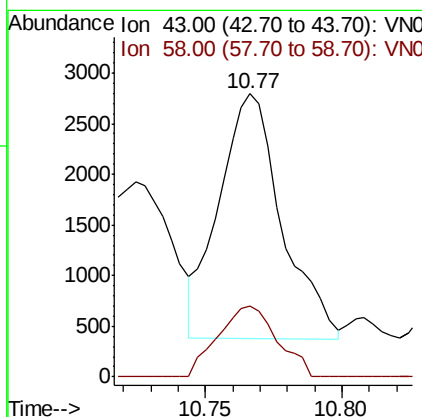
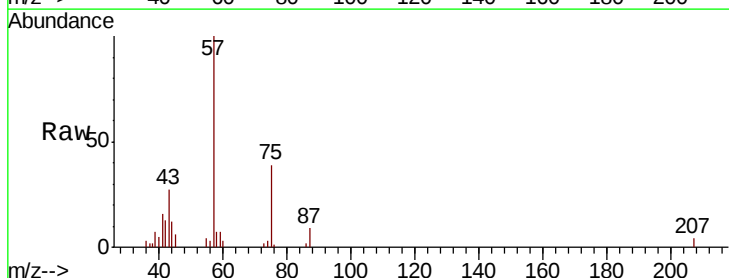
Instrument :
MSVOA_N
ClientSampled :
C-4

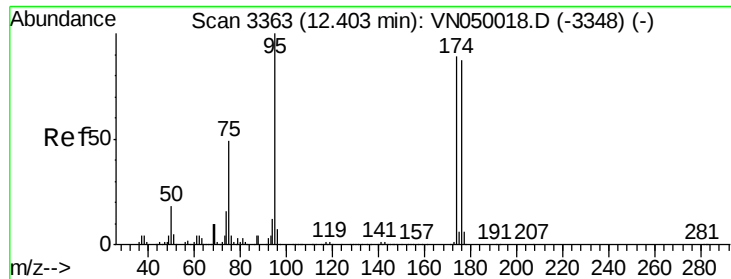
Tot Ion: 63 Resp: 30
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 5.74 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

Tgt Ion: 43 Resp: 3876
Ion Ratio Lower Upper
43 100
58 27.3 27.6 82.7#

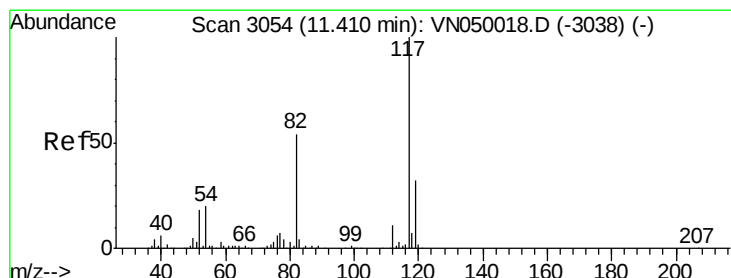
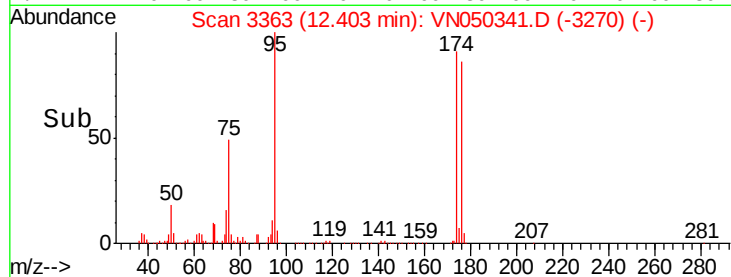
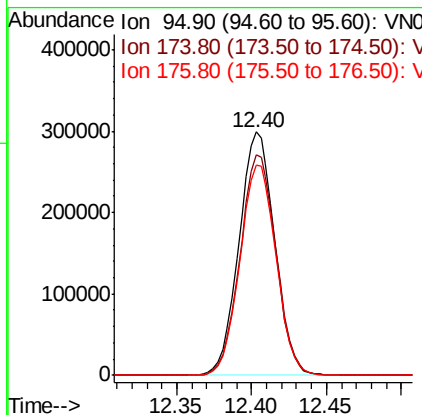
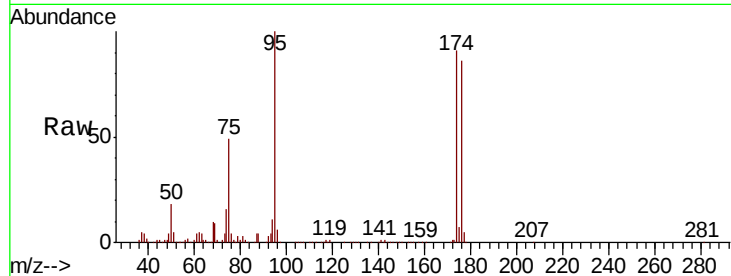




#62
4-Bromofluorobenzene
Concen: 42.48 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

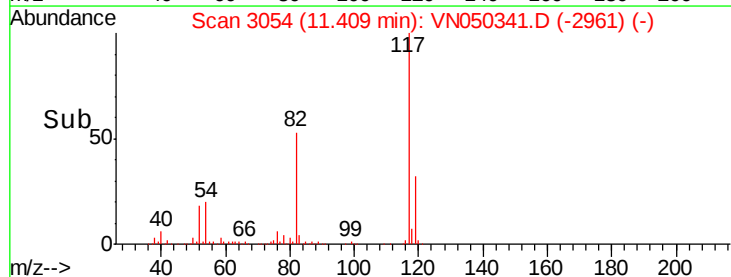
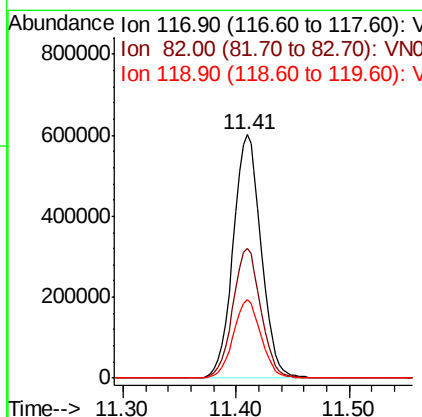
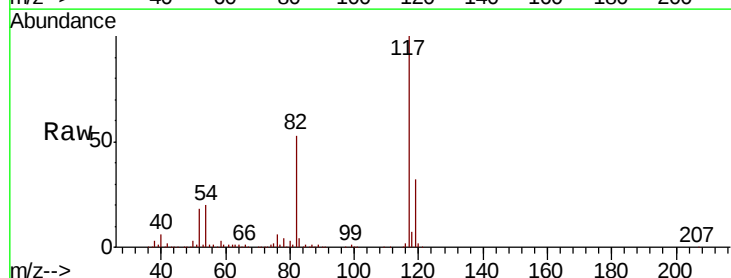
Instrument :
MSVOA_N
ClientSampleId :
C-4

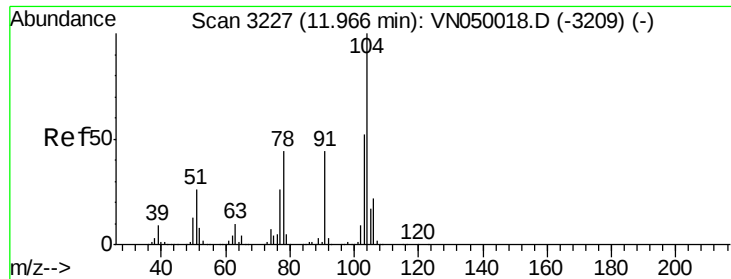
Tot Ion: 95 Resp: 494505
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.2
176 87.6 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

Tgt Ion: 117 Resp: 1034901
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 32.1 26.1 39.1

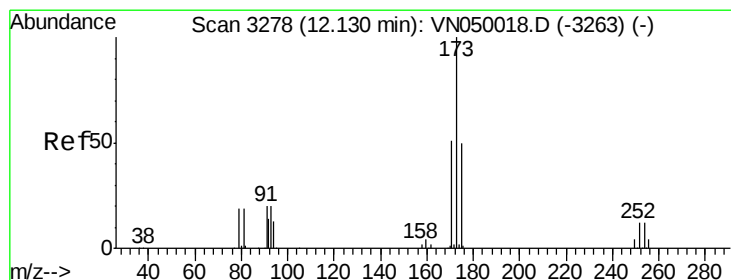
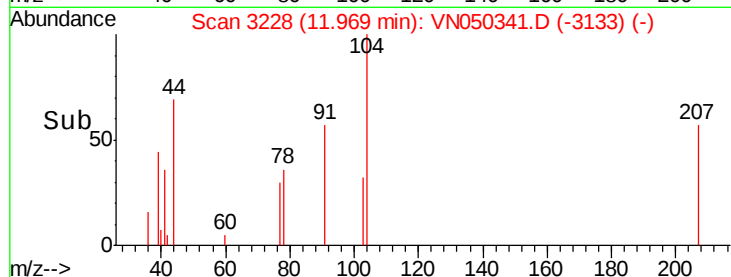
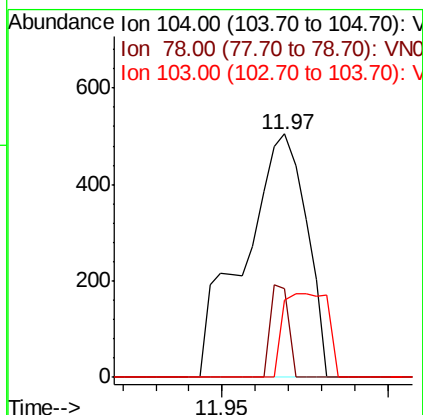
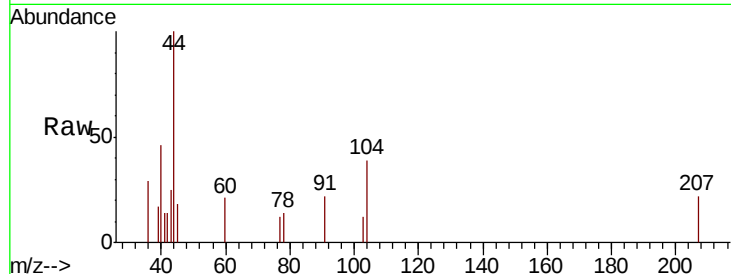




#70
Stvrene
Concen: 0.95 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.00 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

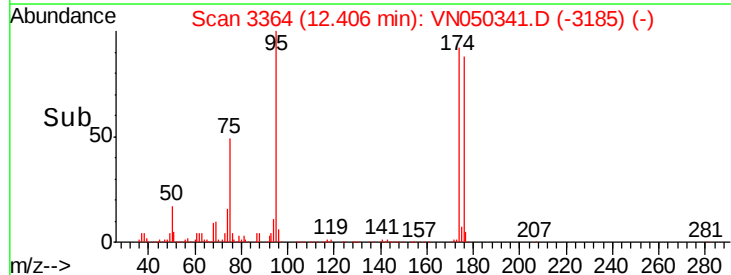
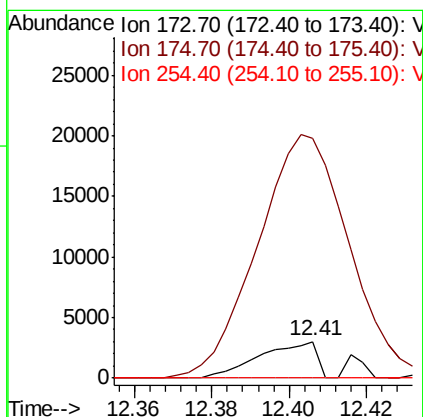
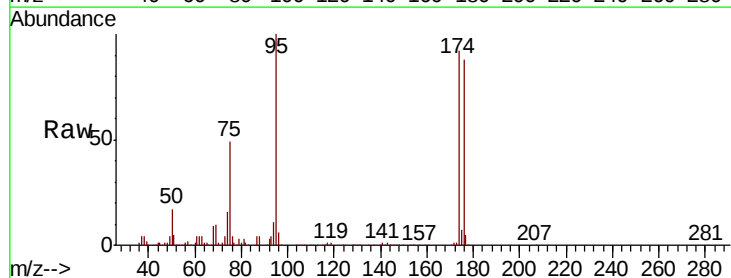
Instrument :
MSVOA_N
ClientSampled :
C-4

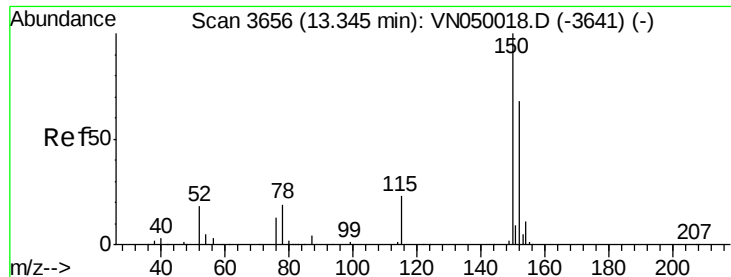
Tot Ion:104 Resp: 665
Ion Ratio Lower Upper
104 100
78 10.8 39.3 58.9#
103 24.5 45.0 67.6#



#71
Bromoform
Concen: 0.43 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN050341.D
Acq: 4 Aug 2018 3:49

Tgt Ion:173 Resp: 3111
Ion Ratio Lower Upper
173 100
175 949.7 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :

MSVOA_N

ClientSampleId :

C-4

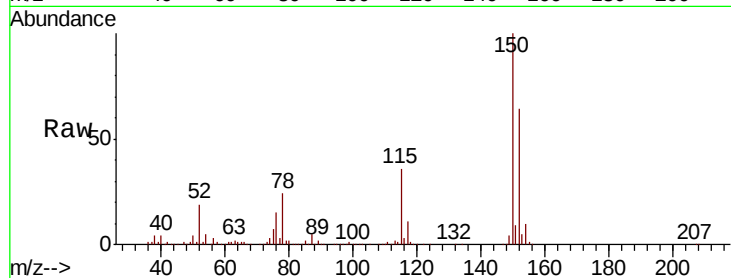
Tot Ion:152 Resp: 456779

Ion Ratio Lower Upper

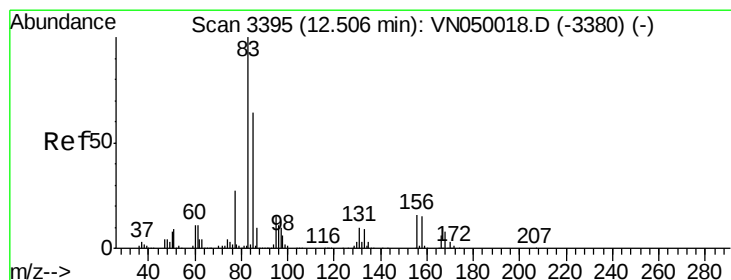
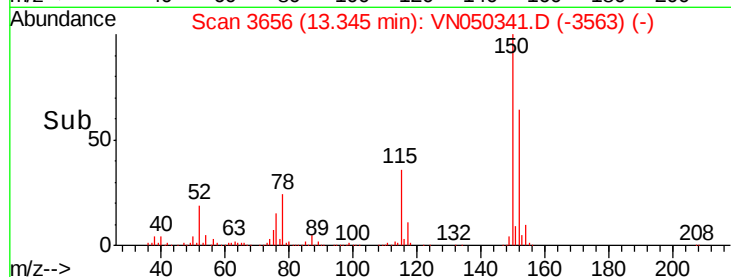
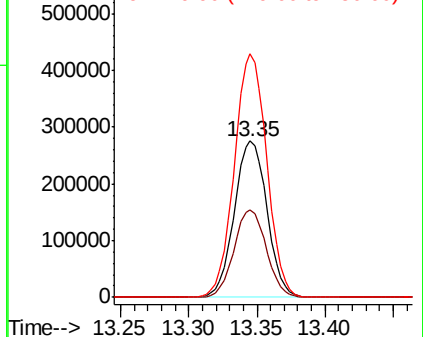
152 100

115 55.5 27.8 83.3

150 154.6 0.0 348.6



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

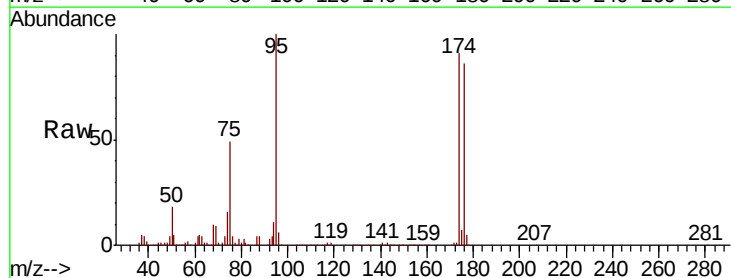
Tgt Ion: 83 Resp: 435

Ion Ratio Lower Upper

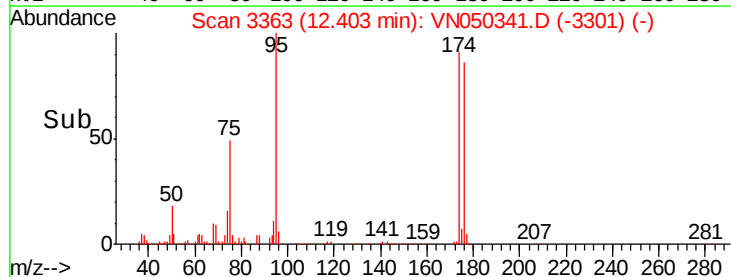
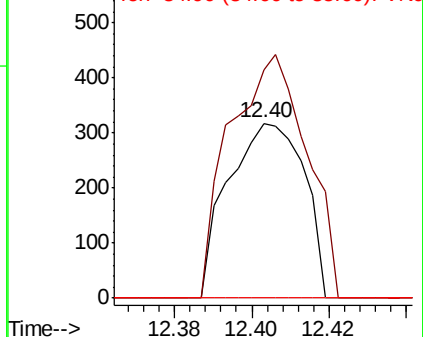
83 100

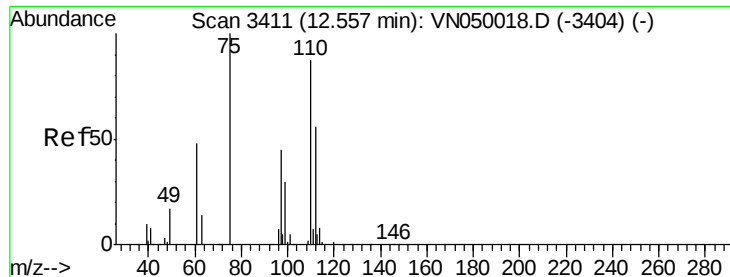
131 140.2 5.1 15.3#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VNO

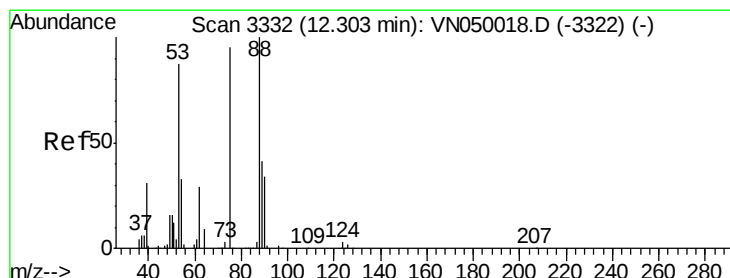
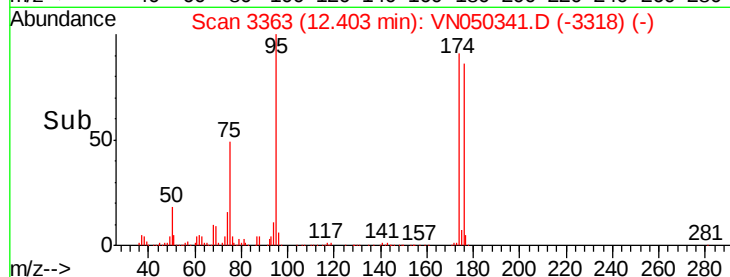
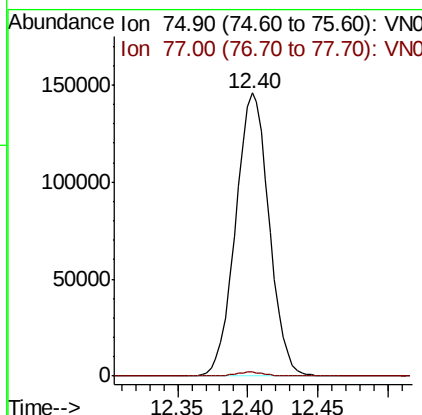
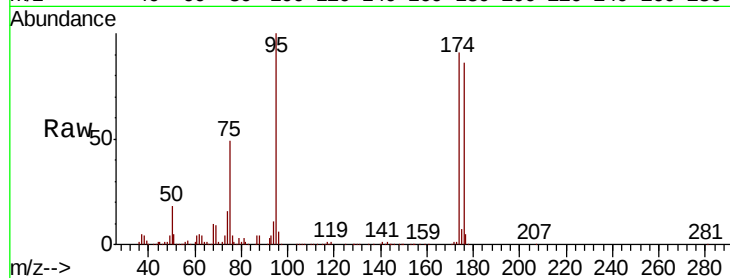




#76
 1,2,3-Trichloropropane
 Concen: 28.57 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN050341.D
 Acq: 4 Aug 2018 3:49

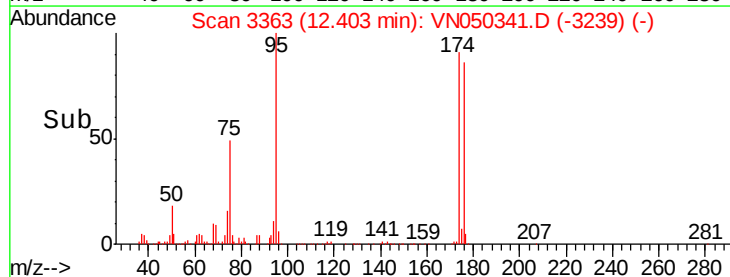
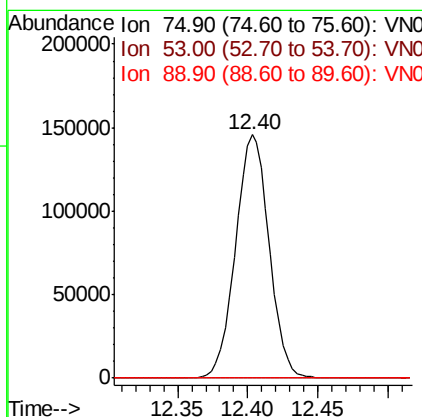
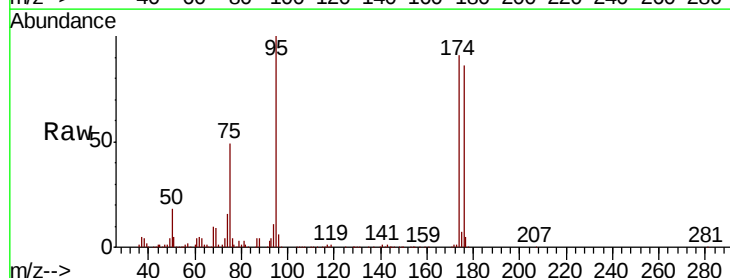
Instrument :
 MSVOA_N
 ClientSampleId :
 C-4

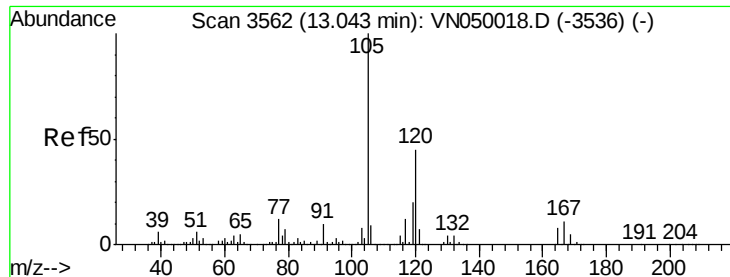
Tot Ion: 75 Resp: 242548
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.63 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050341.D
 Acq: 4 Aug 2018 3:49

Tgt Ion: 75 Resp: 242548
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.5 110.3#
 89 0.0 36.0 54.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.29 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

Instrument :

MSVOA_N

ClientSampleId :

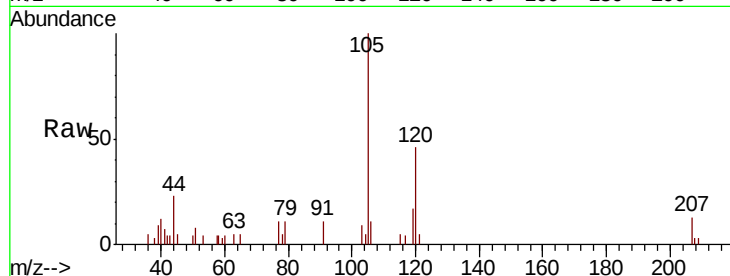
C-4

Tot Ion:105 Resp: 8192

Ion Ratio Lower Upper

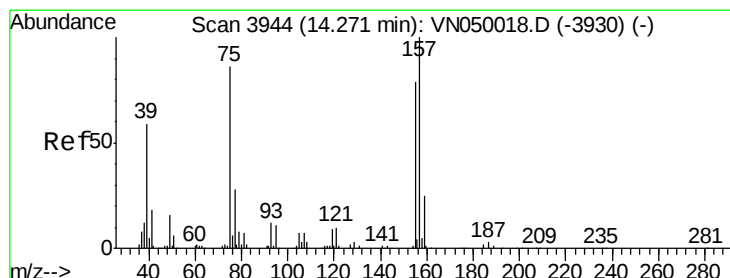
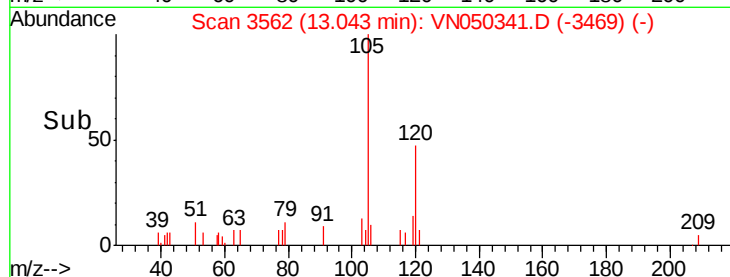
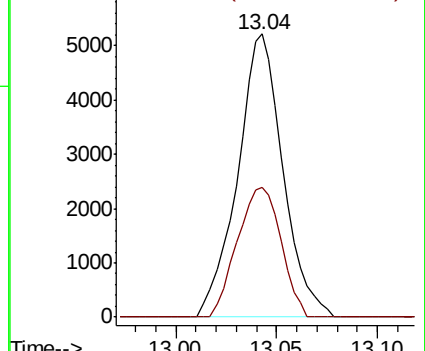
105 100

120 44.2 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.25 min Scan# 3936

Delta R.T. -0.03 min

Lab File: VN050341.D

Acq: 4 Aug 2018 3:49

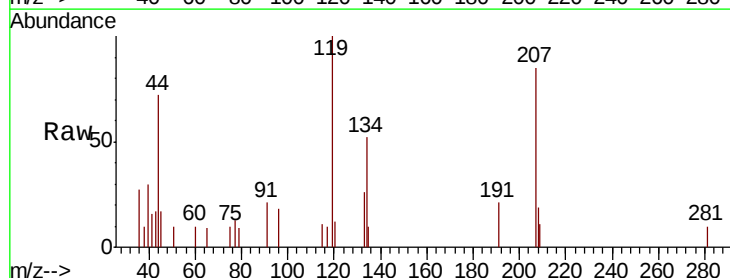
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

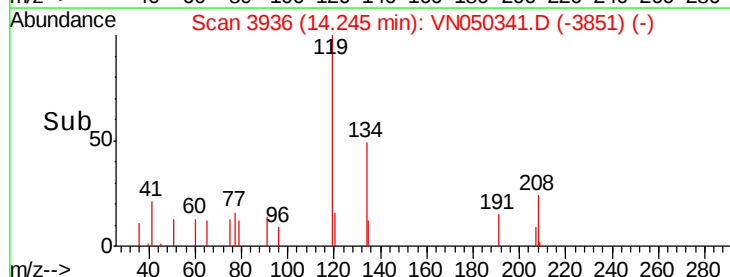
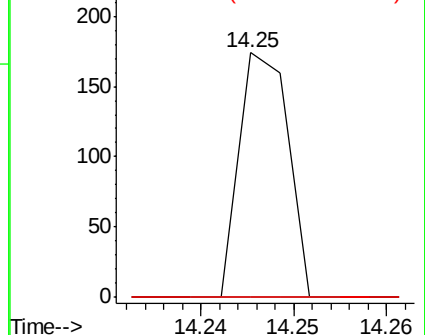
157 0.0 57.2 171.6#

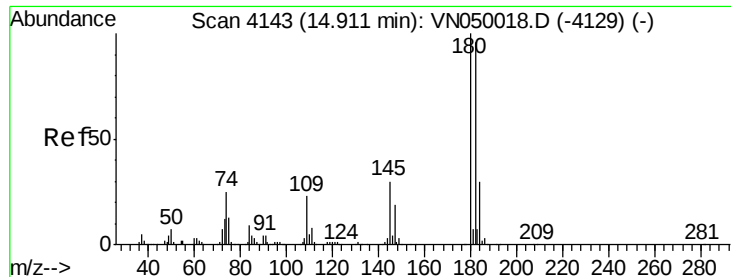


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

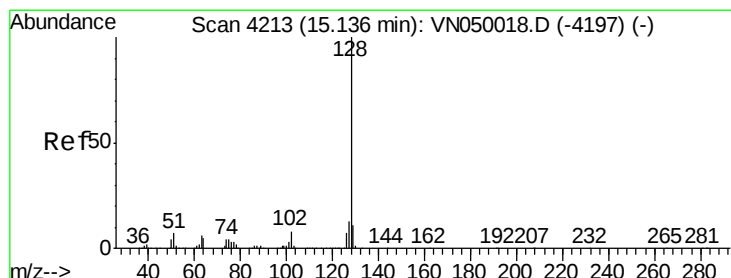
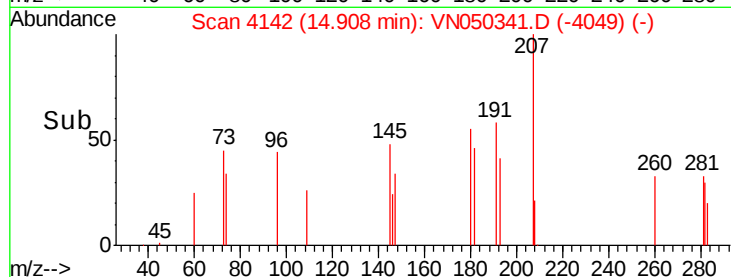
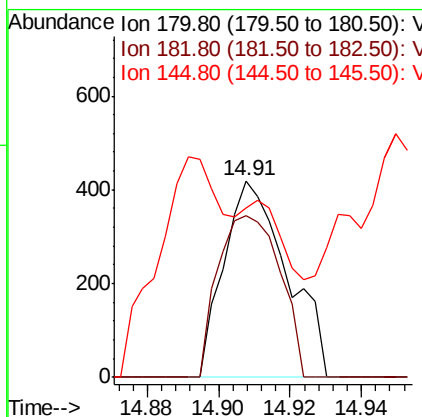
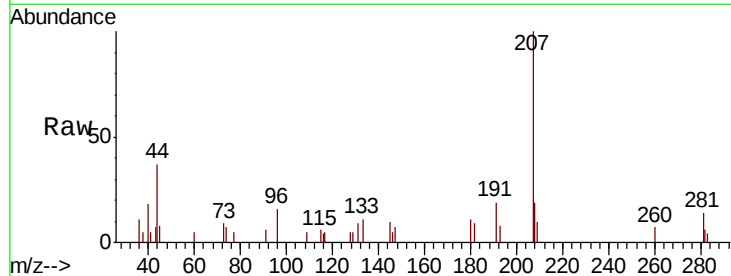




#93
 1,2,4-Trichlorobenzene
 Concen: 3.14 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050341.D
 Acq: 4 Aug 2018 3:49

Instrument :
 MSVOA_N
 ClientSampleId :
 C-4

Tot Ion:180 Resp: 511
 Ion Ratio Lower Upper
 180 100
 182 81.0 46.7 140.1
 145 124.3 13.8 41.4#



#95
 Naphthalene
 Concen: 12.16 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. -0.00 min
 Lab File: VN050341.D
 Acq: 4 Aug 2018 3:49

Tgt Ion:128 Resp: 177316
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.4 15.6
 129 11.4 8.8 13.2

