

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050404.D
 Acq On : 7 Aug 2018 00:33
 Operator : MD\SY
 Sample : J4277-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080318-B

Quant Time: Aug 07 07:12:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	656492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1081154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	380384	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	468199	53.38	ug/l	0.00
Spiked Amount			Recovery	=	106.76%	
35) Dibromofluoromethane	7.60	113	412197	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	10.09	98	1476031	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
62) 4-Bromofluorobenzene	12.40	95	430731	38.75	ug/l	0.00
Spiked Amount			Recovery	=	77.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4180	Below Cal		98
5) Bromomethane	2.56	94	5554	1.38	ug/l	92
10) Methyl Iodide	3.96	142	2430	0.73	ug/l #	60
13) Acrolein	3.62	56	399	15.44	ug/l #	52
16) Acetone	3.82	43	55411	20.85	ug/l	98
17) Carbon Disulfide	4.04	76	8623	0.37	ug/l	98
18) Methyl Acetate	4.34	43	14333	1.92	ug/l	93
20) Methylene Chloride	4.55	84	519884	65.47	ug/l	99
25) 2-Butanone	6.85	43	2414	0.56	ug/l	96
28) Bromochloromethane	7.20	49	1703	0.26	ug/l #	61
29) Tetrahydrofuran	7.22	42	1835	0.79	ug/l #	81
30) Chloroform	7.38	83	33513	2.35	ug/l	97
31) Cyclohexane	7.66	56	12926	0.40	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46853	3.94	ug/l #	48
38) Carbon Tetrachloride	7.67	117	60196	4.86	ug/l #	17
41) Methacrylonitrile	7.21	41	1041	0.23	ug/l #	22
43) Isopropyl Acetate	8.17	43	215880	14.62	ug/l	99
47) Bromodichloromethane	9.40	83	8737	0.71	ug/l #	90
48) Methyl methacrylate	9.18	41	9967	1.35	ug/l #	21
49) 1,4-Dioxane	9.20	88	144	1.26	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3837	0.36	ug/l	99
56) Ethyl methacrylate	10.29	69	112	1.72	ug/l #	26
58) 2-Chloroethyl Vinyl ether	9.70	63	438	7.47	ug/l #	48
59) 2-Hexanone	10.77	43	15649	2.11	ug/l #	60
60) Dibromochloromethane	10.90	129	2249	0.24	ug/l	100
68) m/p-Xylenes	11.63	106	4206	0.29	ug/l	90
76) 1,2,3-Trichloropropane	12.40	75	207345	30.11	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	207345	105.81	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	7717	0.33	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.27	75	287	0.21	ug/l #	62
93) 1,2,4-Trichlorobenzene	14.91	180	3682	0.53	ug/l	86
94) Hexachlorobutadiene	15.01	225	1809	Below Cal		87
95) Naphthalene	15.14	128	80647	7.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	4353	0.62	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050404.D
Acq On : 7 Aug 2018 00:33
Operator : MD\SY
Sample : J4277-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-B

Quant Time: Aug 07 07:12:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

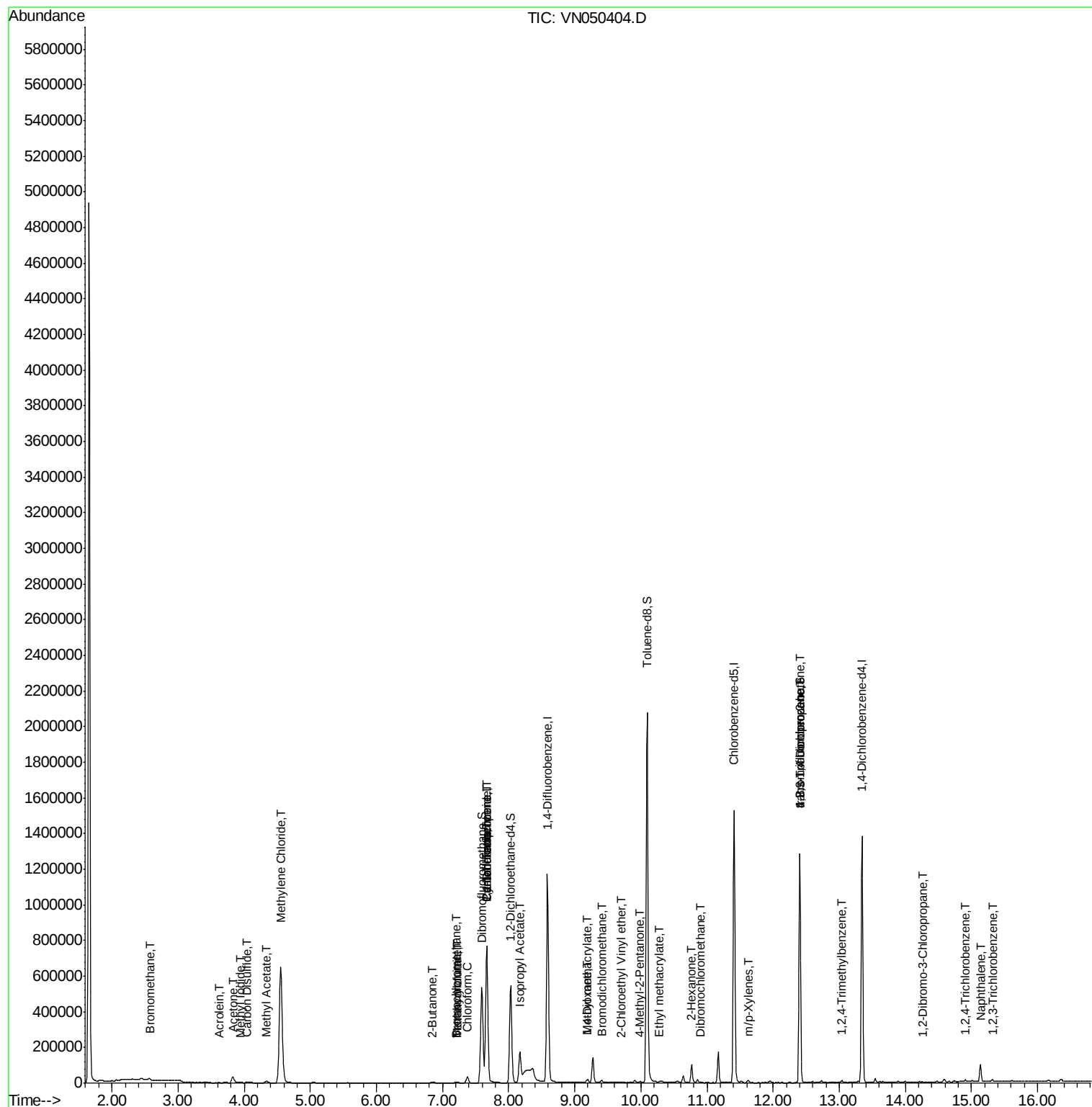
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

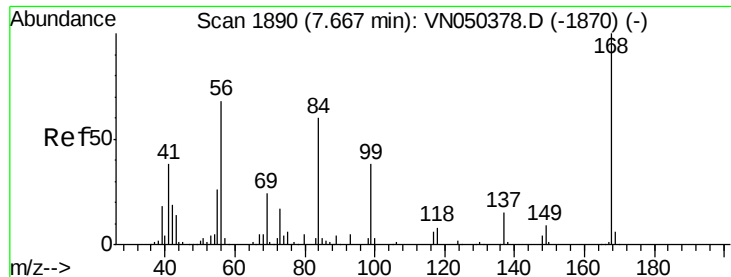
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050404.D
Acq On : 7 Aug 2018 00:33
Operator : MD\SY
Sample : J4277-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-B

Quant Time: Aug 07 07:12:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

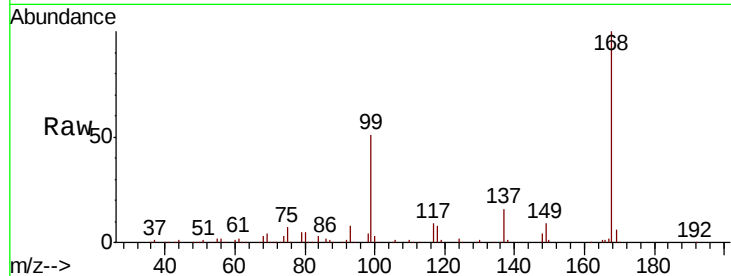
OR-02-080318-B

Tot Ion:168 Resp: 656492

Ion Ratio Lower Upper

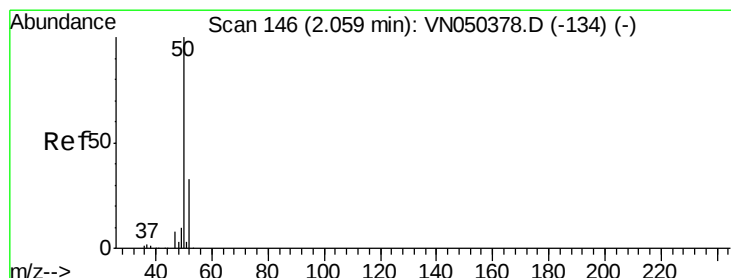
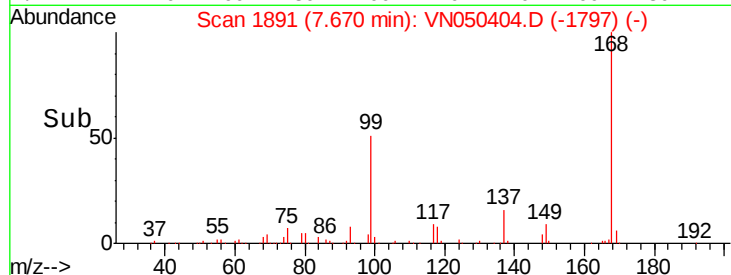
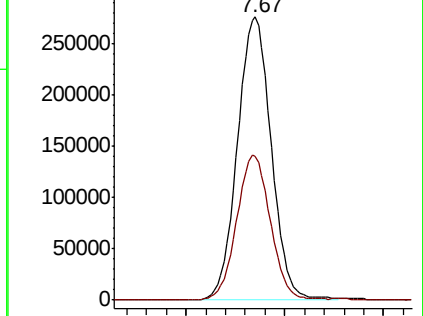
168 100

99 51.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050404.D

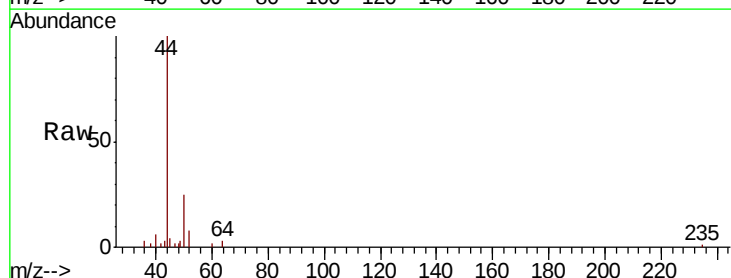
Acq: 7 Aug 2018 00:33

Tgt Ion: 50 Resp: 4180

Ion Ratio Lower Upper

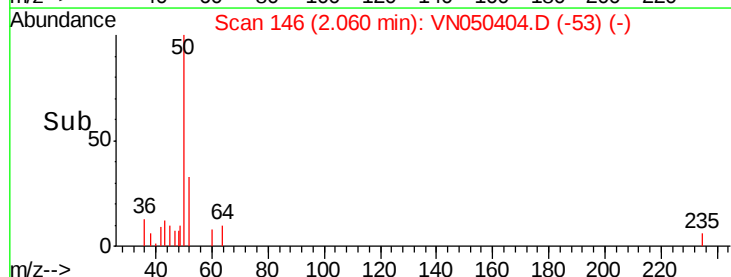
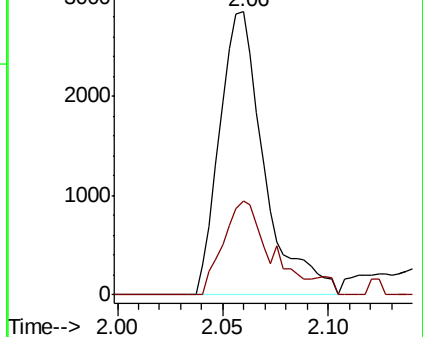
50 100

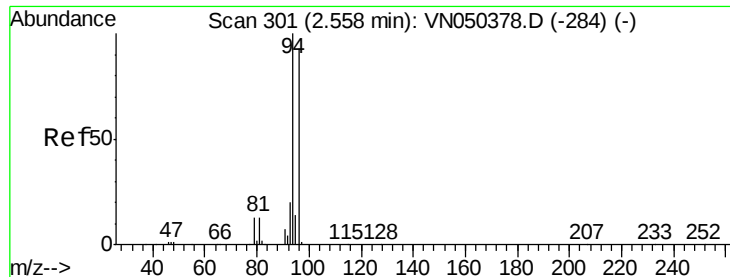
52 33.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#5

Bromomethane

Concen: 1.38 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

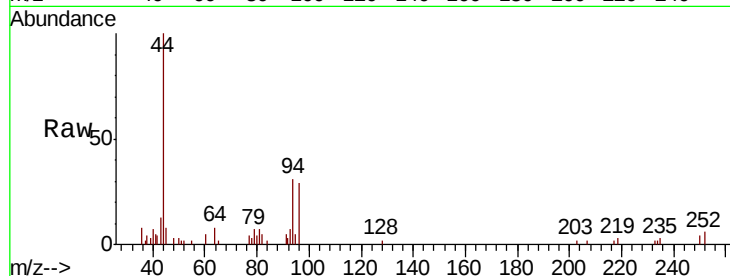
OR-02-080318-B

Tot Ion: 94 Resp: 5554

Ion Ratio Lower Upper

94 100

96 85.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050404.D (-207) (-)

Ion 95.90 (95.60 to 96.60): VN050404.D (-207) (-)

2.56

2500

2000

1500

1000

500

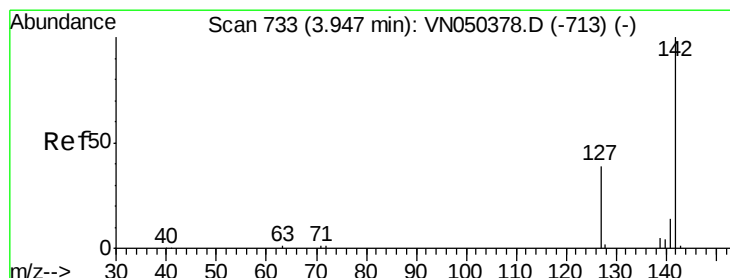
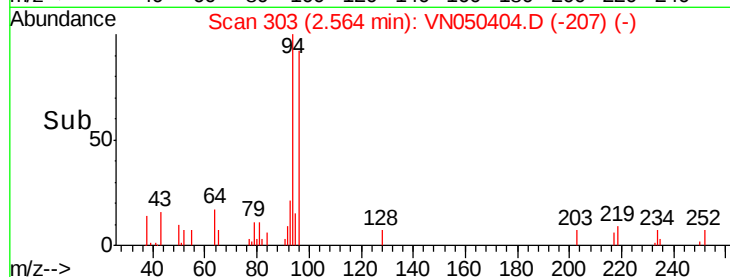
0

Time-->

2.50

2.55

2.60



#10

Methyl Iodide

Concen: 0.73 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.01 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

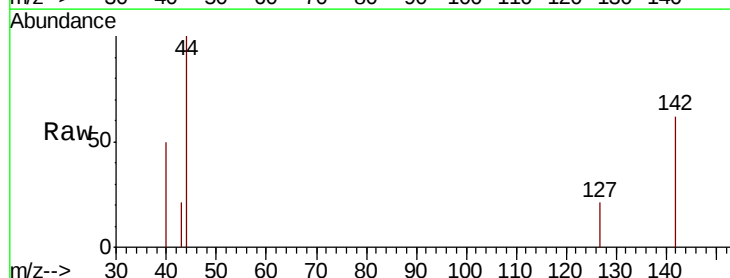
Tgt Ion: 142 Resp: 2430

Ion Ratio Lower Upper

142 100

127 15.6 33.4 50.2#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): VN050404.D (-639) (-)

Ion 126.80 (126.50 to 127.50): VN050404.D (-639) (-)

Ion 140.80 (140.50 to 141.50): VN050404.D (-639) (-)

1200

1000

800

600

400

200

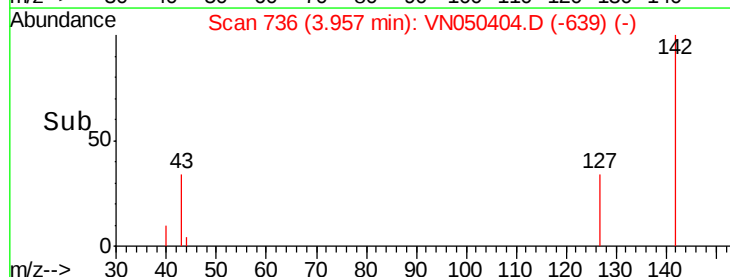
0

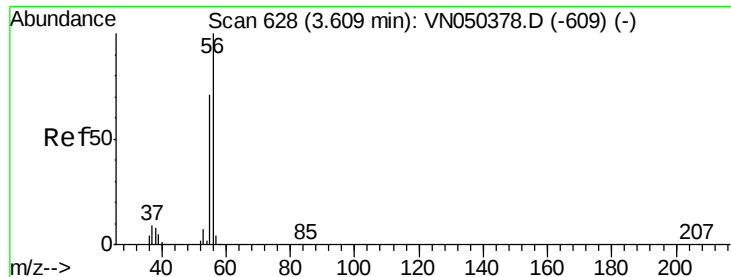
Time-->

3.90

3.95

4.00





#13

Acrolein

Concen: 15.44 ug/l

RT: 3.62 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

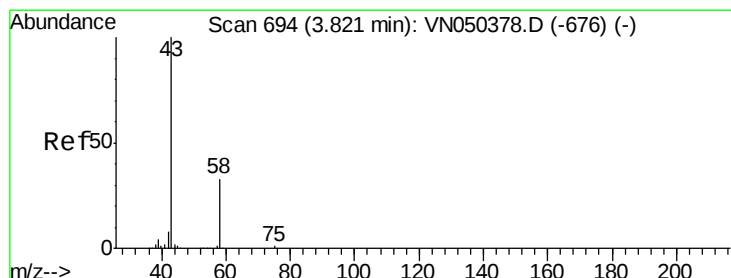
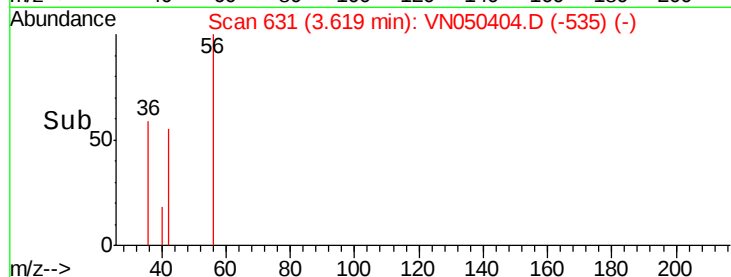
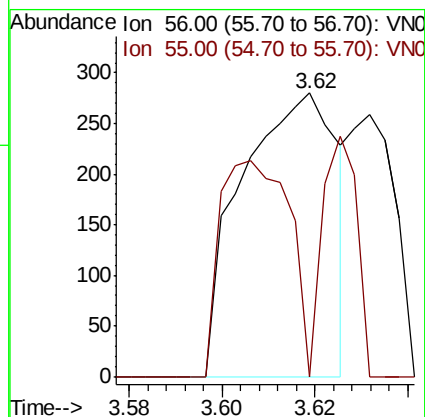
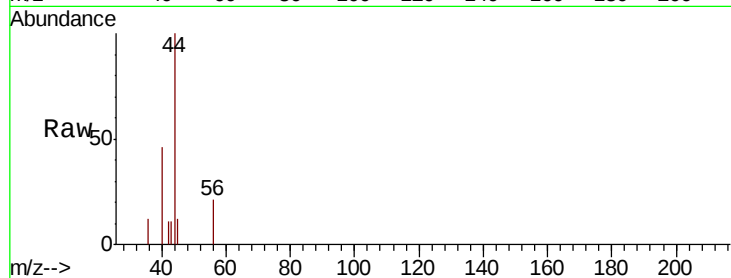
OR-02-080318-B

Tot Ion: 56 Resp: 399

Ion Ratio Lower Upper

56 100

55 30.3 55.8 83.6#



#16

Acetone

Concen: 20.85 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050404.D

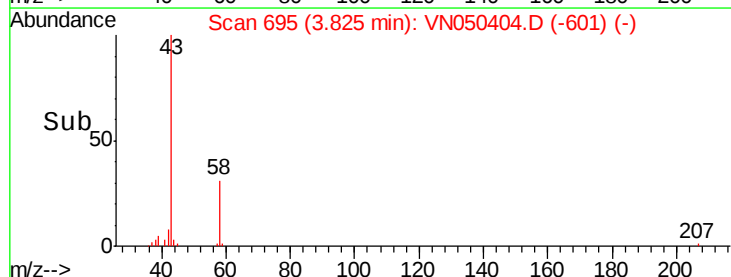
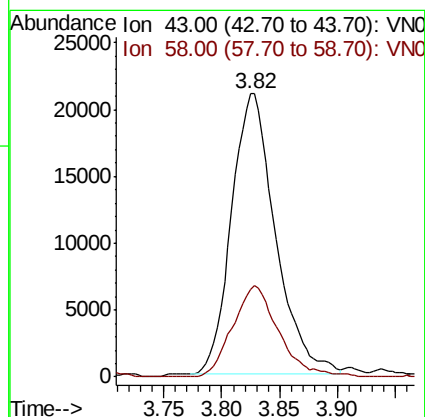
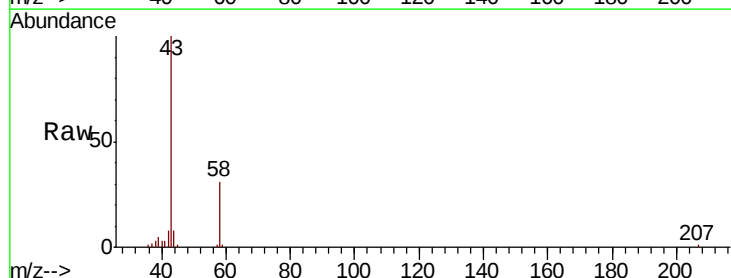
Acq: 7 Aug 2018 00:33

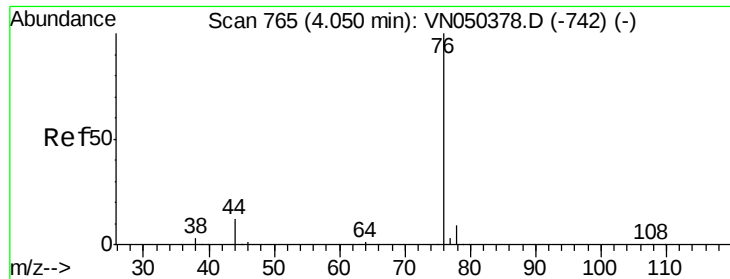
Tgt Ion: 43 Resp: 55411

Ion Ratio Lower Upper

43 100

58 31.4 25.8 38.8

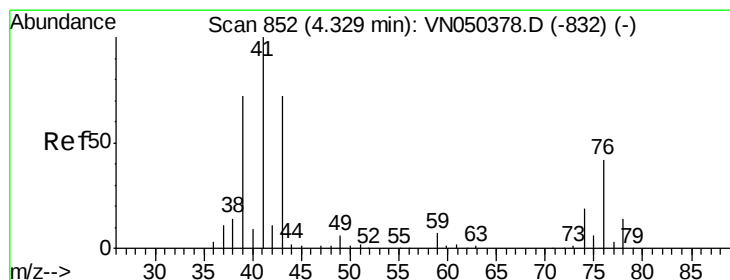
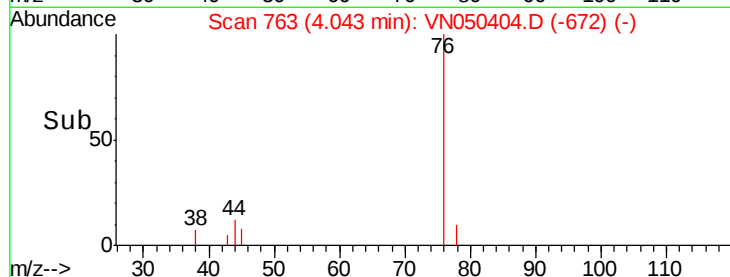
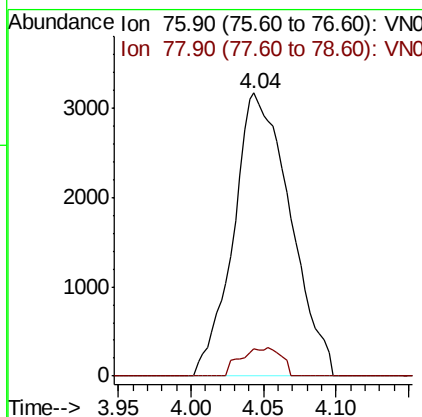
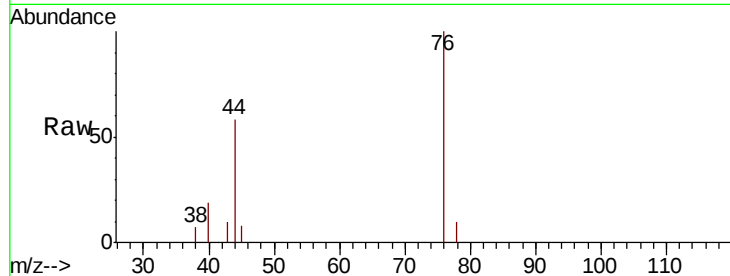




#17
Carbon Disulfide
Concen: 0.37 ug/l
RT: 4.04 min Scan# 763
Delta R.T. -0.01 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

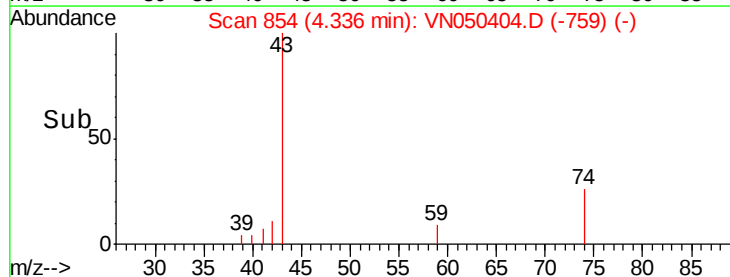
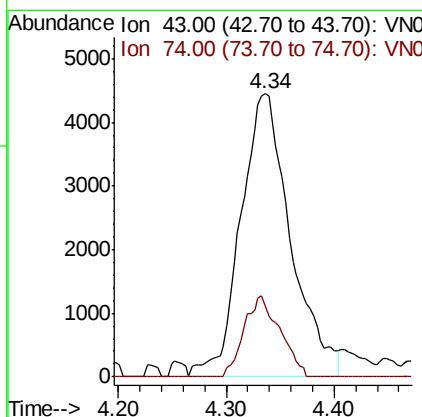
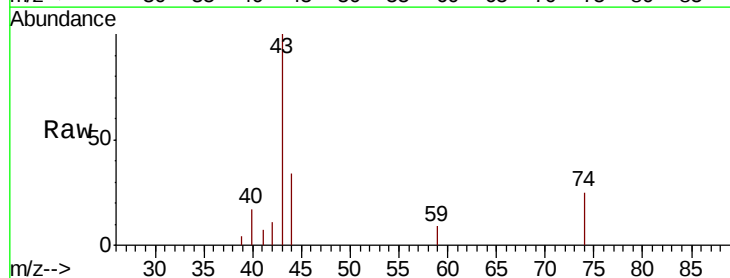
Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-B

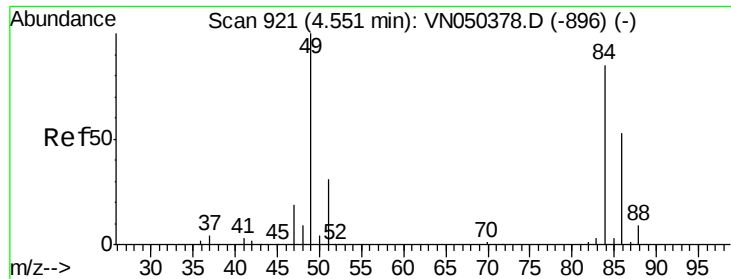
Tot Ion: 76 Resp: 8623
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 1.92 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion: 43 Resp: 14333
Ion Ratio Lower Upper
43 100
74 20.5 19.2 28.8



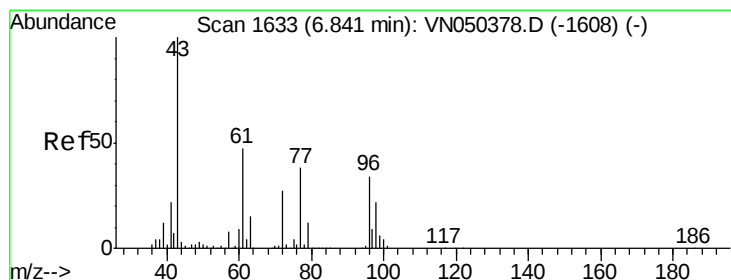
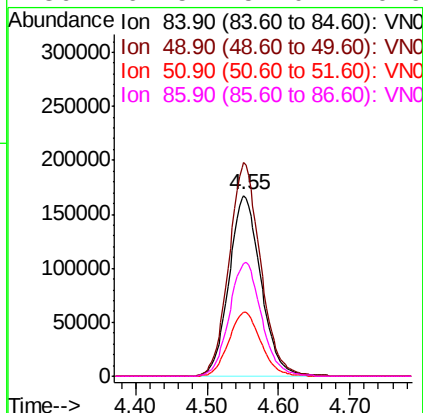
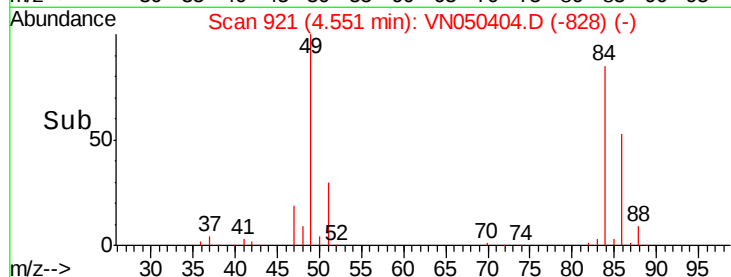
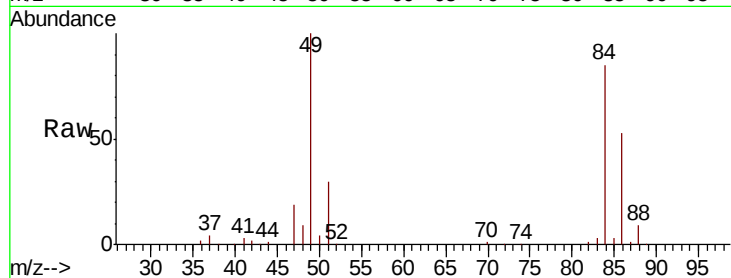


#20
Methvlene Chloride
Concen: 65.47 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-B

Tot Ion: 84 Resp: 519884

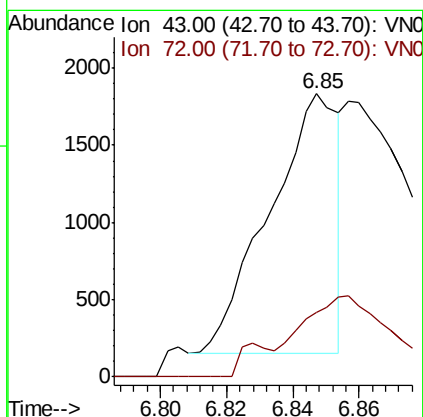
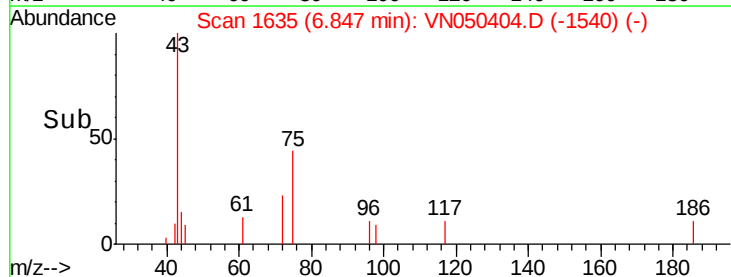
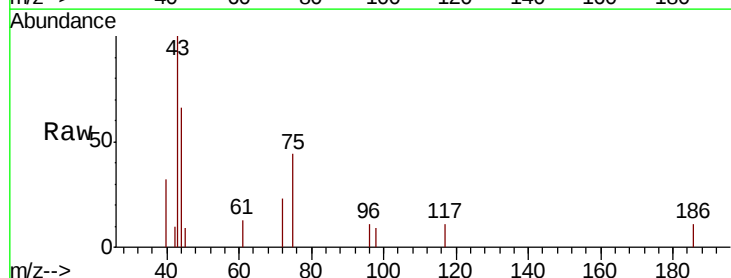
Ion	Ratio	Lower	Upper
84	100		
49	118.1	94.8	142.2
51	35.6	28.3	42.5
86	62.5	51.0	76.6

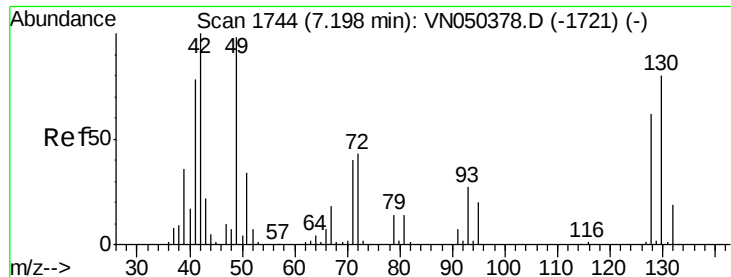


#25
2-Butanone
Concen: 0.56 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion: 43 Resp: 2414

Ion	Ratio	Lower	Upper
43	100		
72	24.7	21.5	32.3





#28

Bromochloromethane

Concen: 0.26 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080318-B

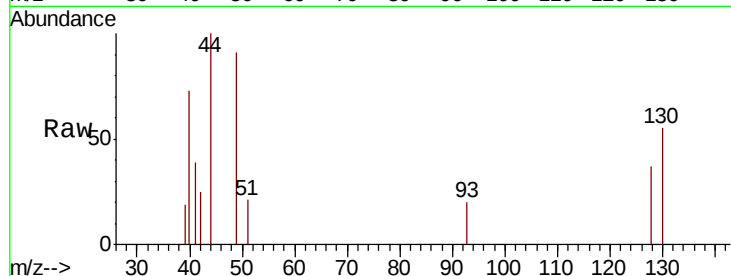
Tot Ion: 49 Resp: 1703

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

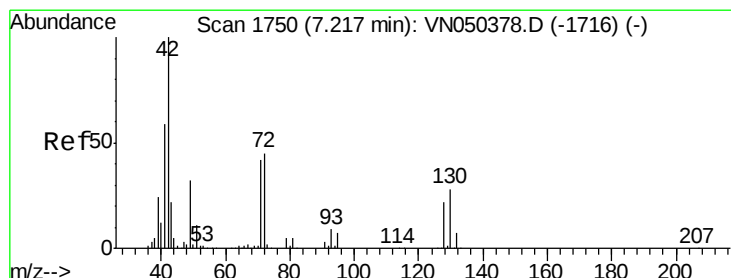
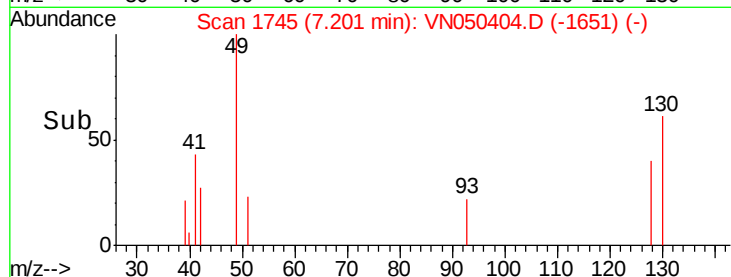
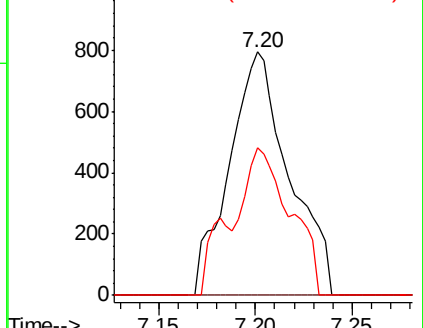
130 47.5 66.3 99.5#



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: 0.79 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

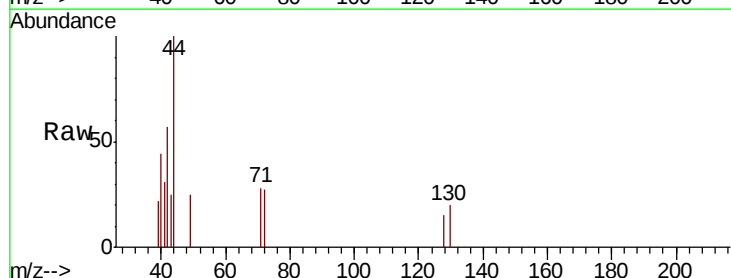
Tgt Ion: 42 Resp: 1835

Ion Ratio Lower Upper

42 100

72 41.6 35.9 53.9

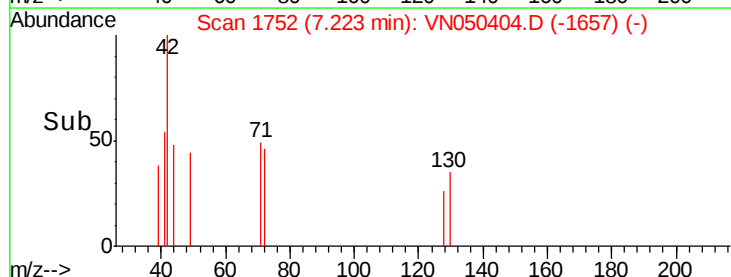
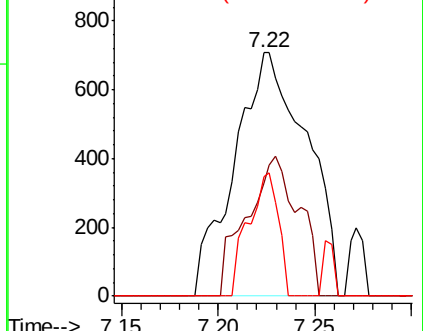
71 21.1 33.7 50.5#

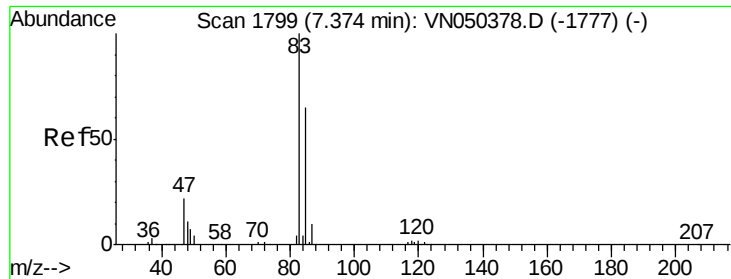


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

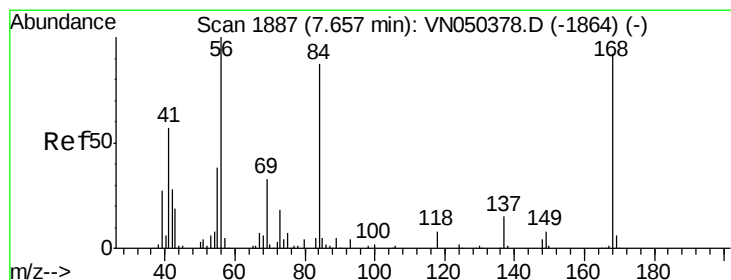
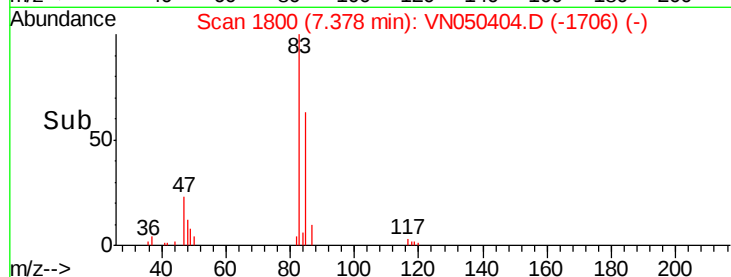
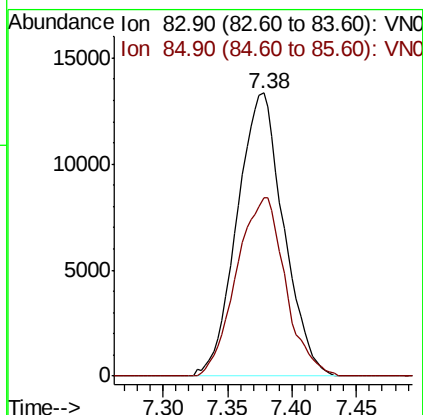
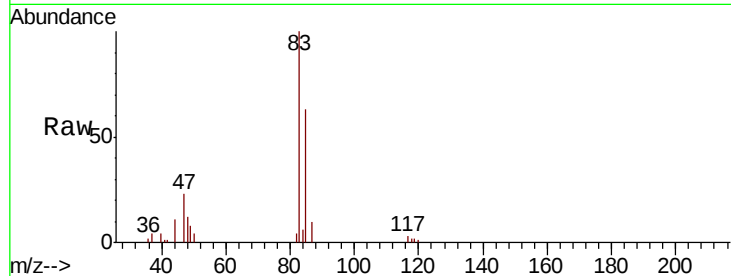




#30
Chloroform
Concen: 2.35 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

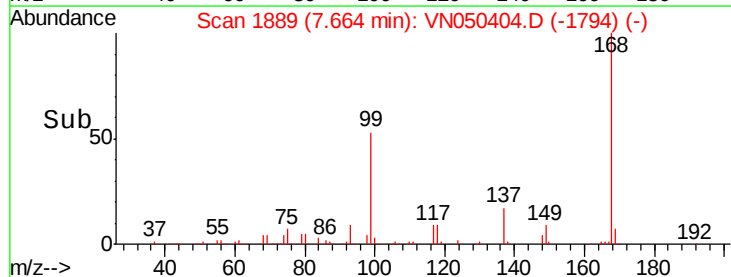
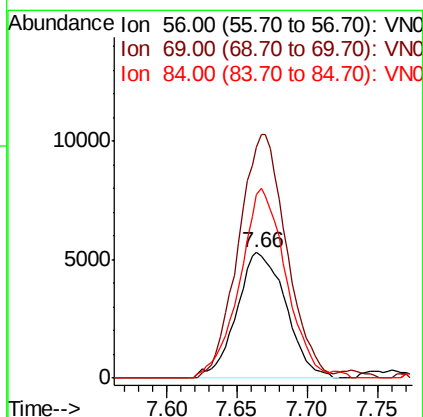
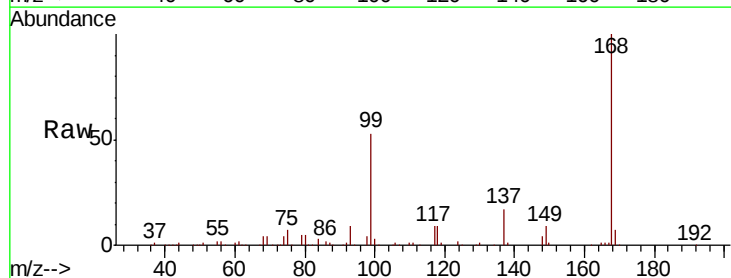
Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-B

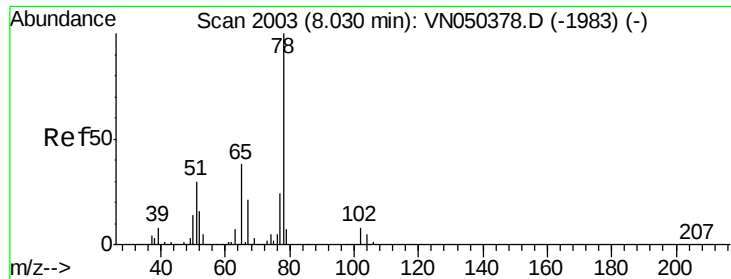
Tot Ion: 83 Resp: 33513
Ion Ratio Lower Upper
83 100
85 62.9 52.5 78.7



#31
Cyclohexane
Concen: 0.40 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion: 56 Resp: 12926
Ion Ratio Lower Upper
56 100
69 183.7 26.2 39.4#
84 145.9 67.4 101.0#

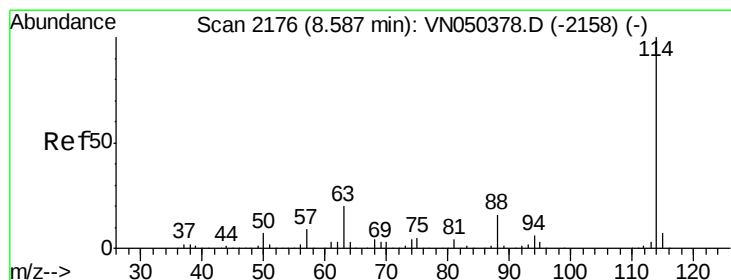
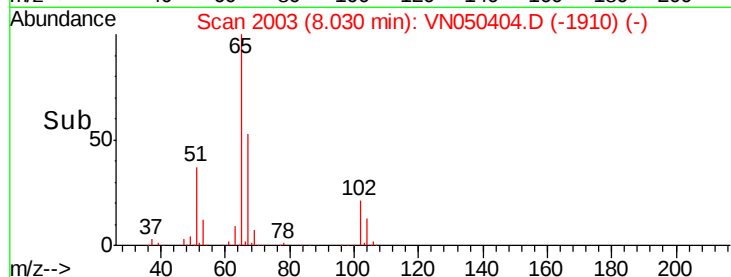
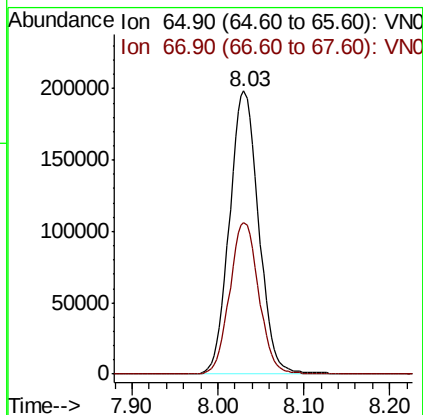
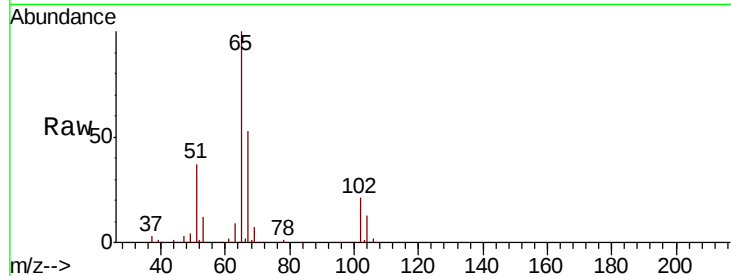




#33
 1,2-Dichloroethane-d4
 Concen: 53.38 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050404.D
 Acq: 7 Aug 2018 00:33

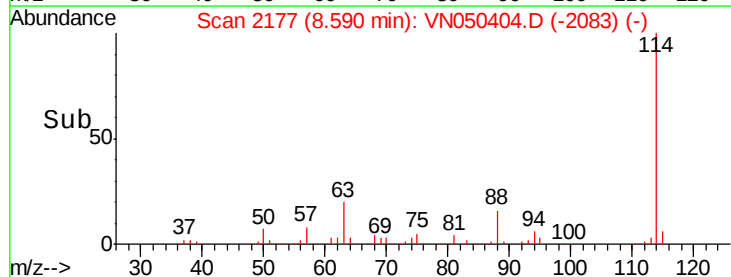
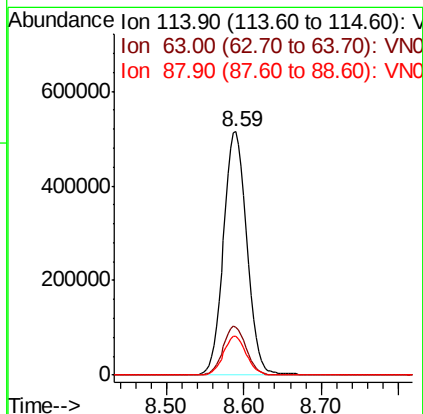
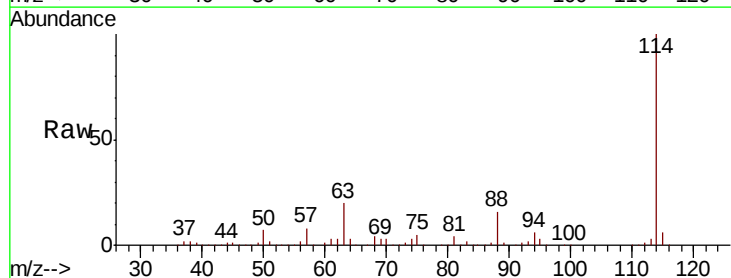
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080318-B

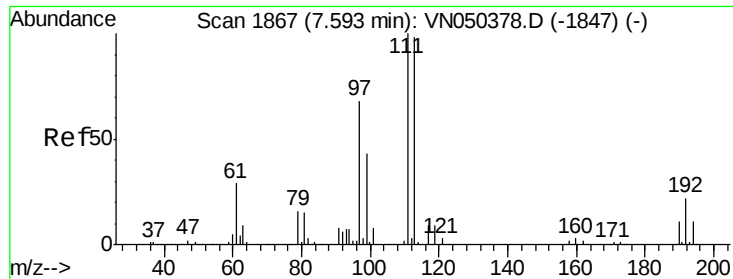
Tot Ion: 65 Resp: 468199
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050404.D
 Acq: 7 Aug 2018 00:33

Tgt Ion: 114 Resp: 1081154
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.9 0.0 31.2

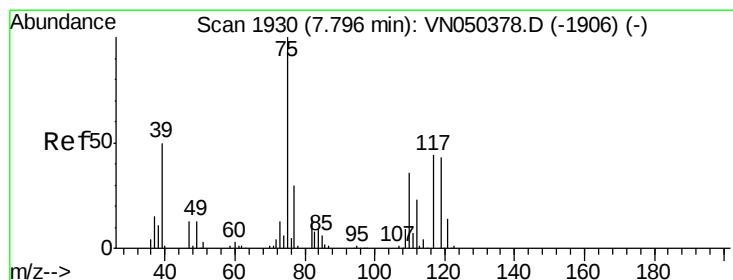
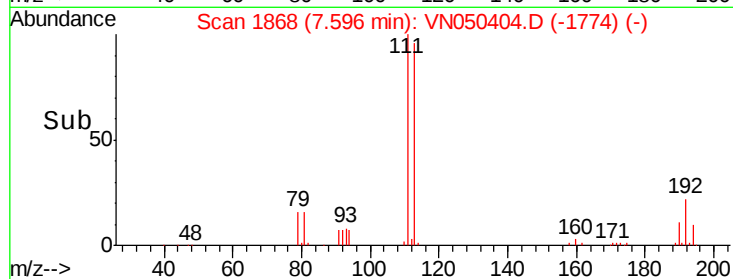
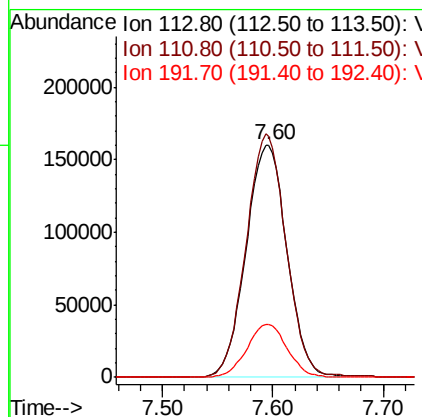
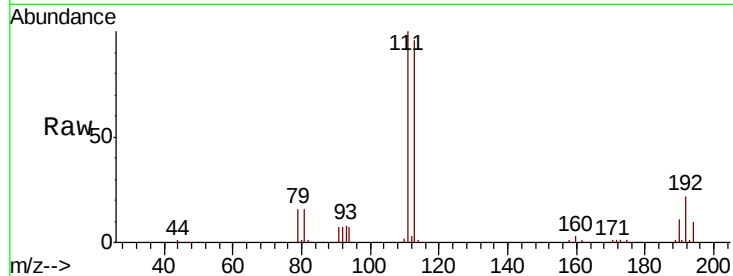




#35
 Dibromofluoromethane
 Concen: 47.52 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050404.D
 Acq: 7 Aug 2018 00:33

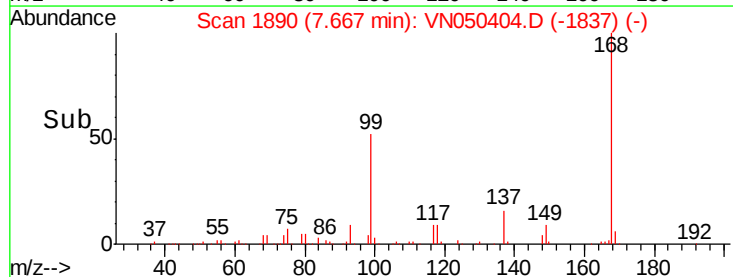
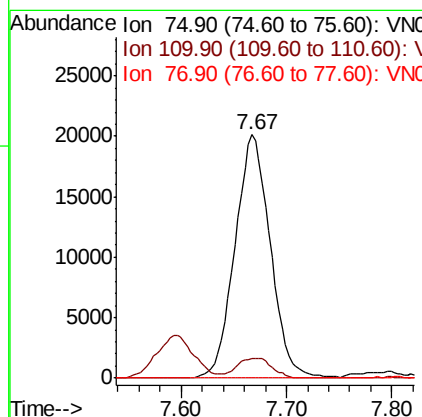
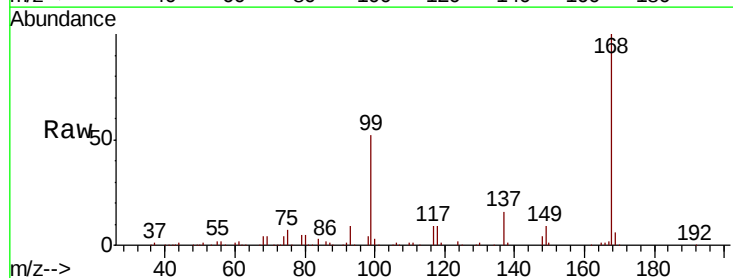
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080318-B

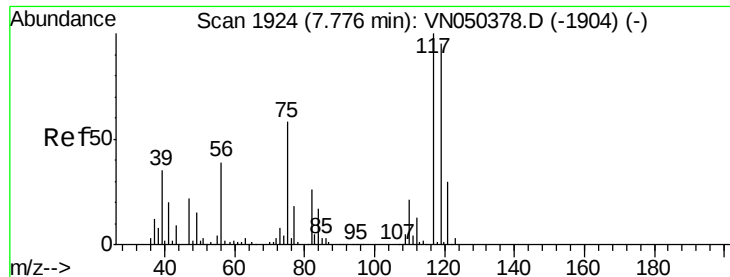
Tot Ion:113 Resp: 412197
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 22.5 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.94 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050404.D
 Acq: 7 Aug 2018 00:33

Tgt Ion: 75 Resp: 46853
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.4 55.2#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.86 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080318-B

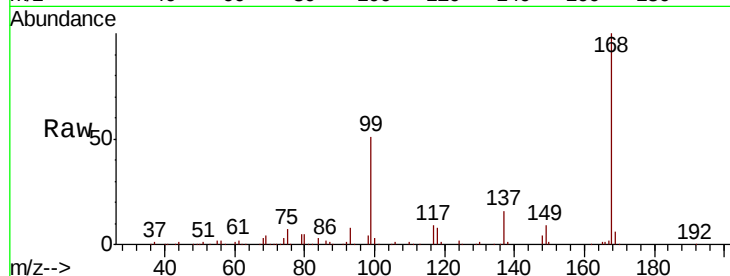
Tot Ion:117 Resp: 60196

Ion Ratio Lower Upper

117 100

119 6.7 77.4 116.0#

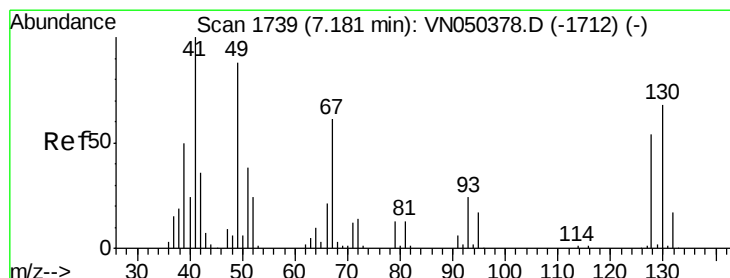
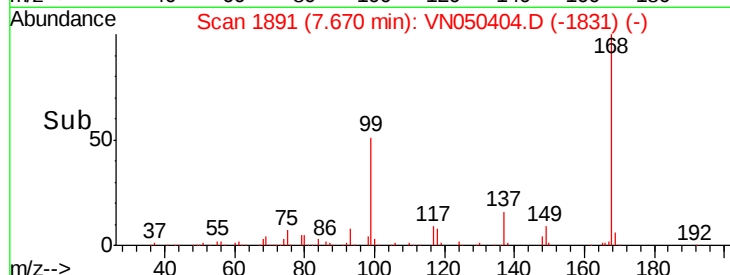
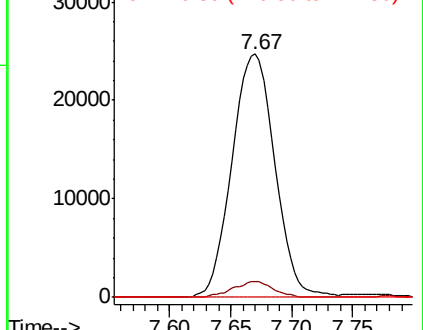
121 0.0 23.9 35.9#



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



#41

Methacrylonitrile

Concen: 0.23 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. 0.03 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Tgt Ion: 41 Resp: 1041

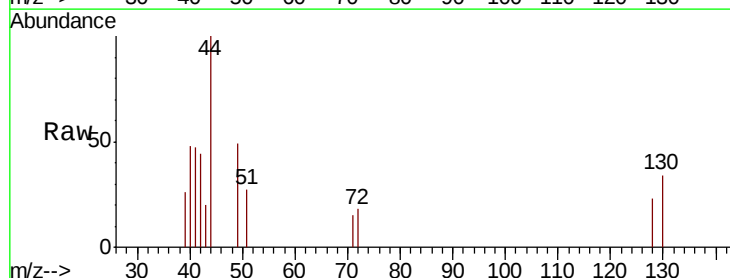
Ion Ratio Lower Upper

41 100

39 31.2 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

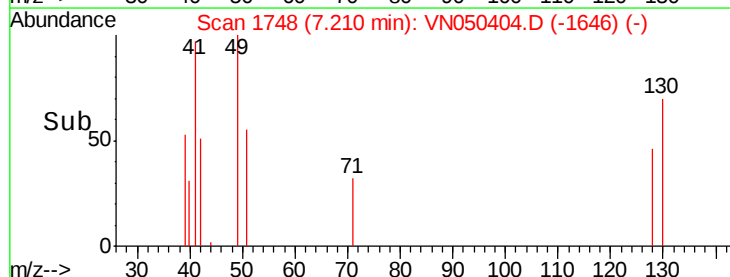
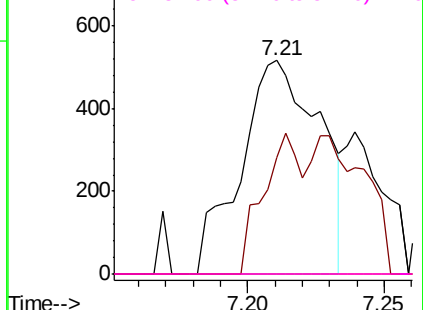


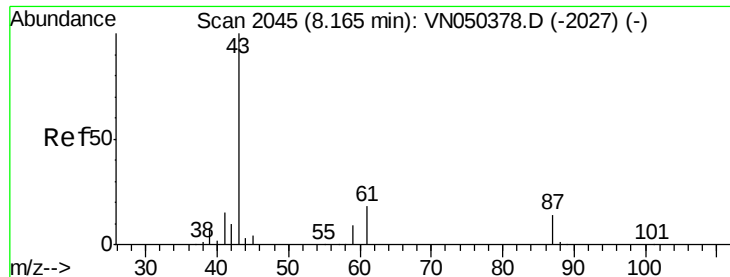
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 14.62 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080318-B

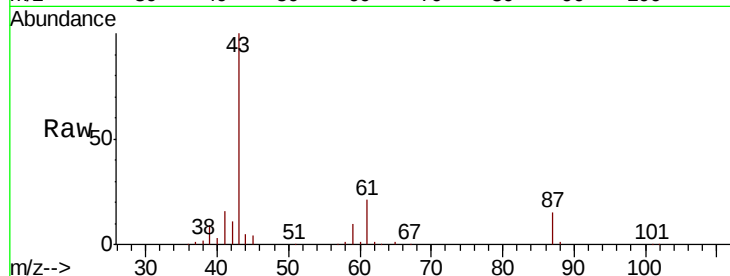
Tot Ion: 43 Resp: 215880

Ion Ratio Lower Upper

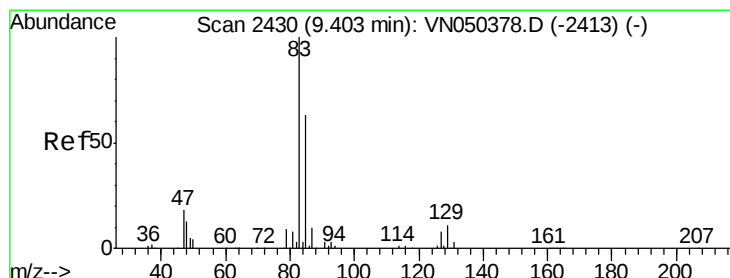
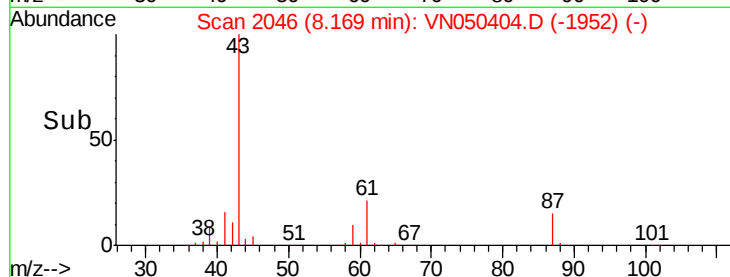
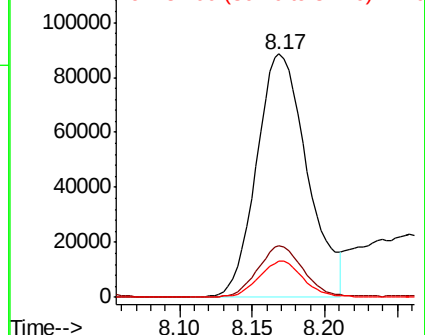
43 100

61 19.2 15.8 23.6

87 13.1 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.71 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

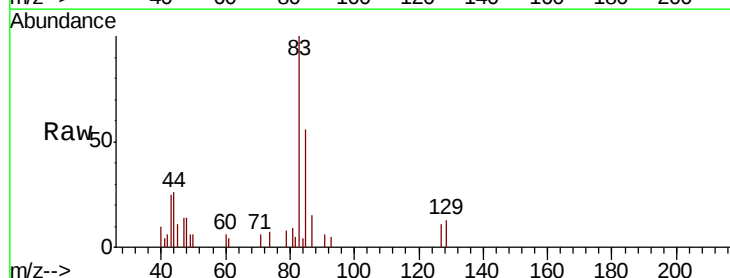
Tgt Ion: 83 Resp: 8737

Ion Ratio Lower Upper

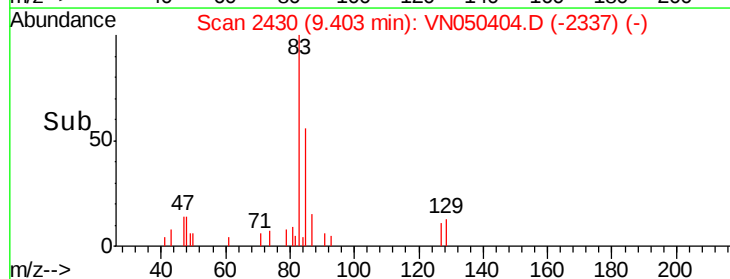
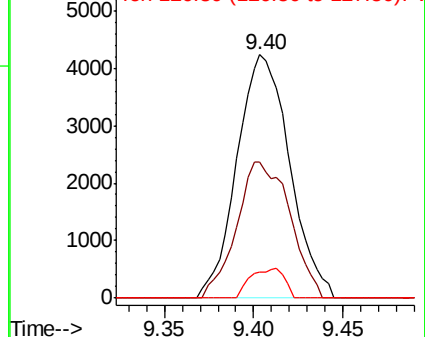
83 100

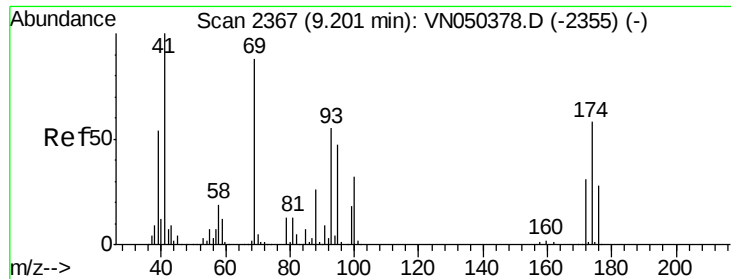
85 55.9 51.1 76.7

127 10.8 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

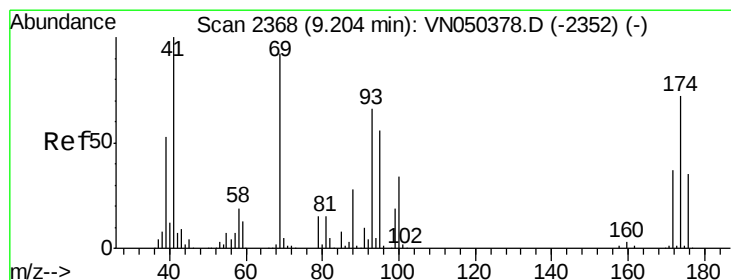
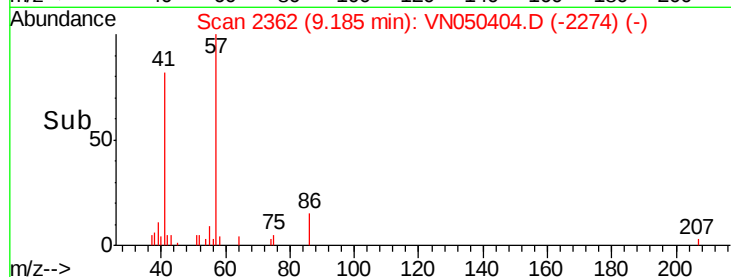
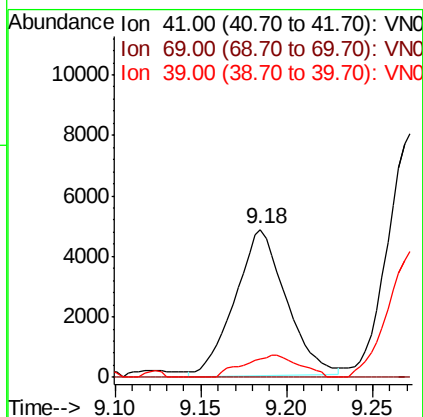
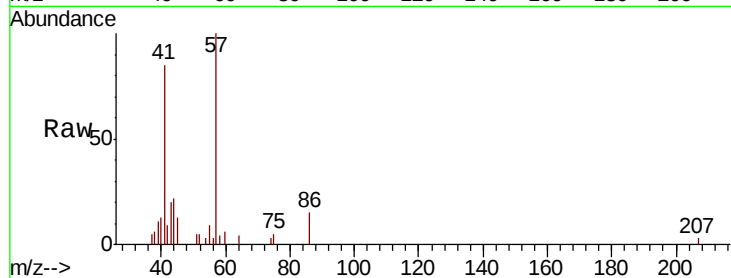




#48
Methyl methacrylate
Concen: 1.35 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

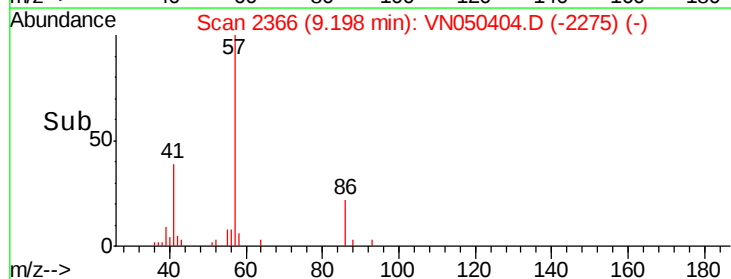
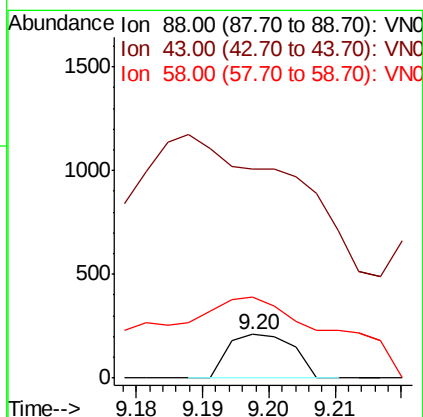
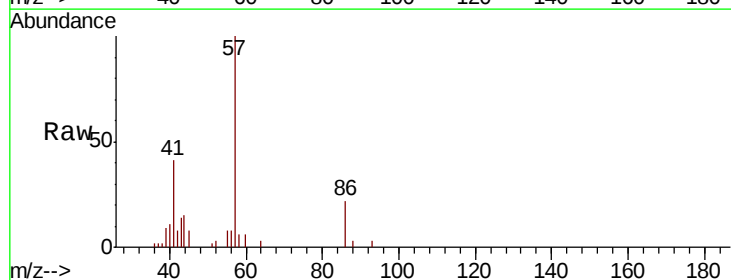
Instrument :
MSVOA_N
ClientSampleID :
OR-02-080318-B

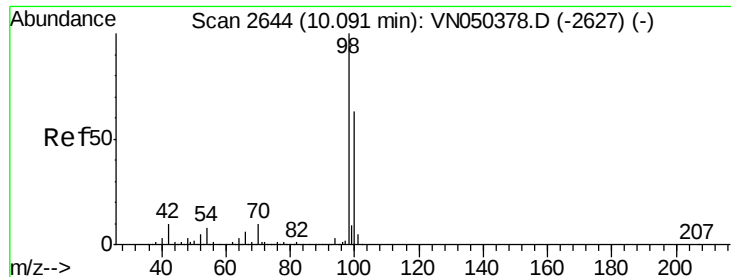
Tot Ion: 41 Resp: 9967
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 16.6 43.9 65.9#



#49
1,4-Dioxane
Concen: 1.26 ug/l
RT: 9.20 min Scan# 2366
Delta R.T. -0.01 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion: 88 Resp: 144
Ion Ratio Lower Upper
88 100
43 0.0 26.9 40.3#
58 503.5 57.3 85.9#

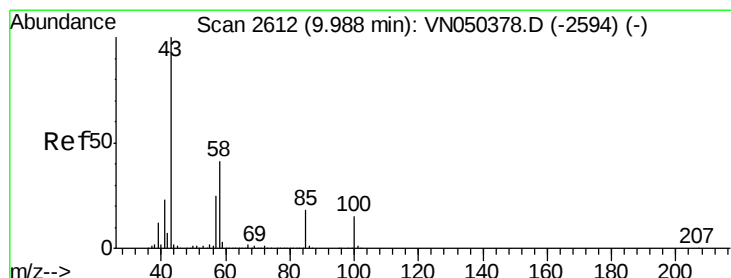
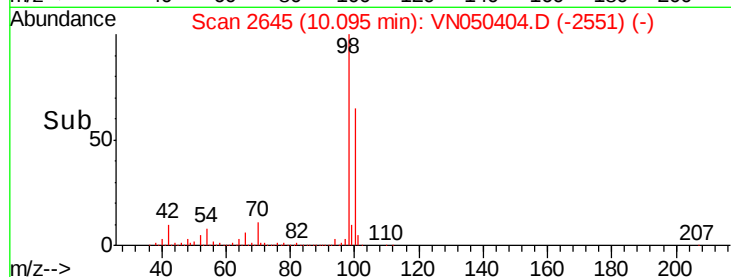
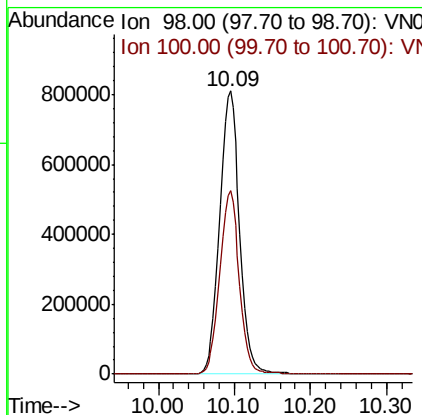
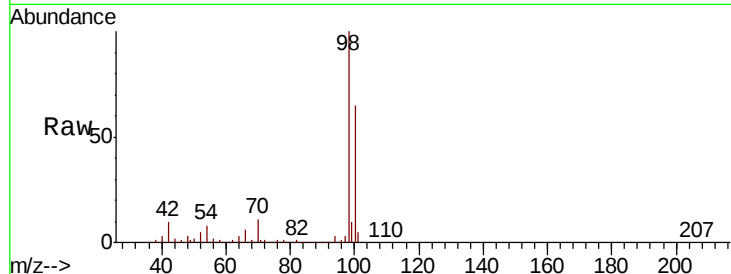




#50
Toluene-d8
Concen: 45.25 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

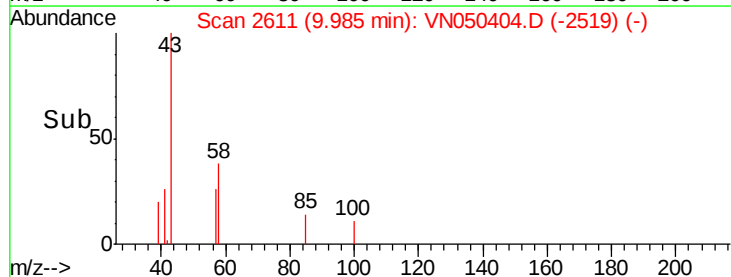
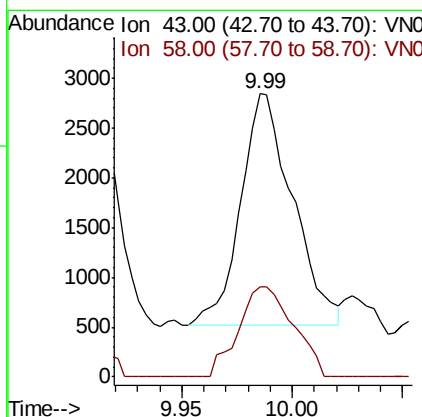
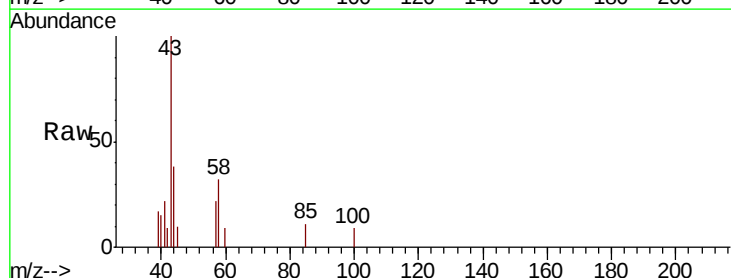
Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-B

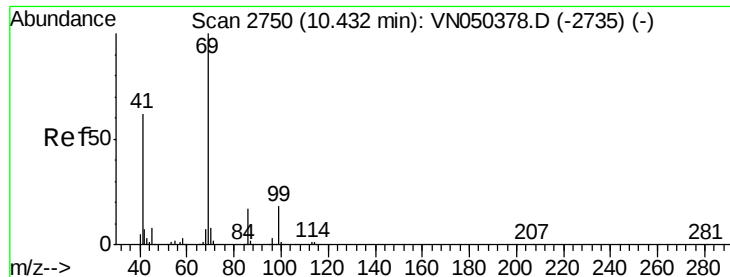
Tot Ion: 98 Resp: 1476031
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion: 43 Resp: 3837
Ion Ratio Lower Upper
43 100
58 40.8 31.9 47.9





#56

Ethyl methacrylate

Concen: 1.72 ug/l

RT: 10.29 min Scan# 2705

Delta R.T. -0.14 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampled :

OR-02-080318-B

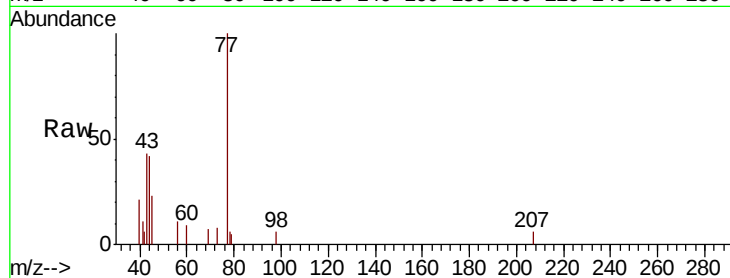
Tot Ion: 69 Resp: 112

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

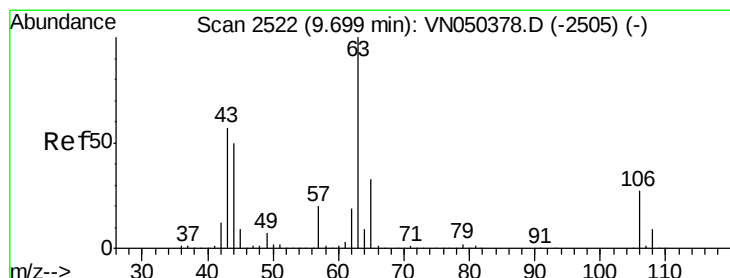
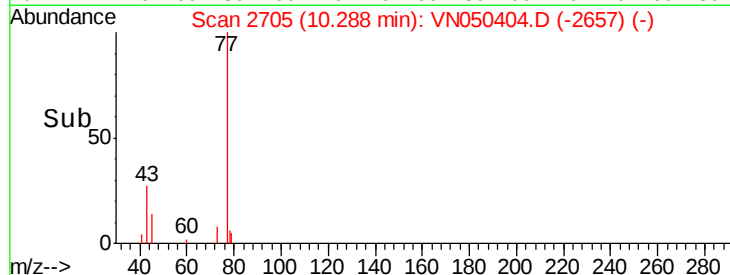
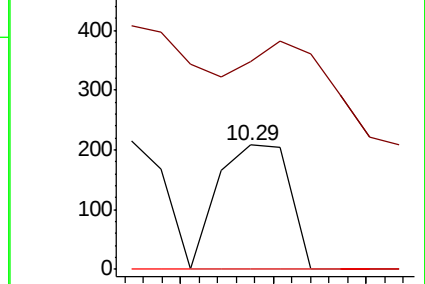
39 0.0 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 7.47 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN050404.D

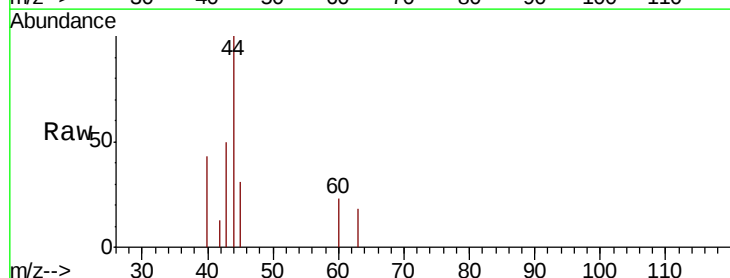
Acq: 7 Aug 2018 00:33

Tgt Ion: 63 Resp: 438

Ion Ratio Lower Upper

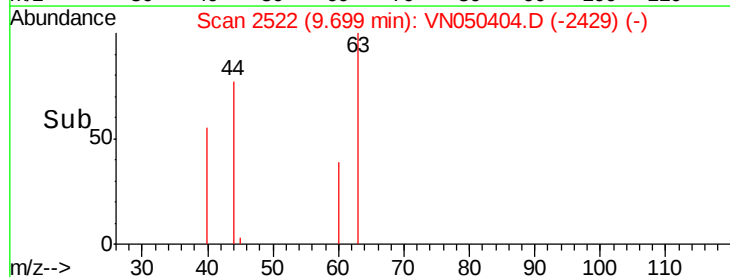
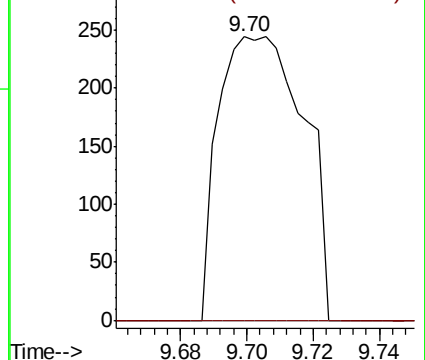
63 100

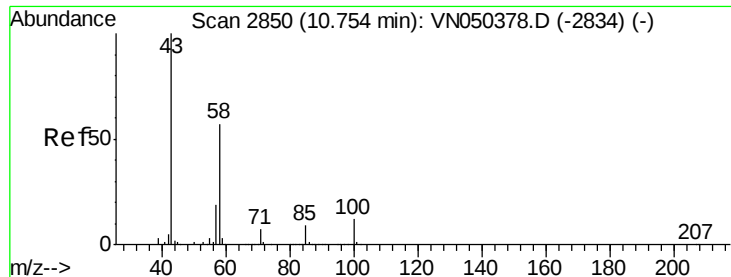
106 0.0 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

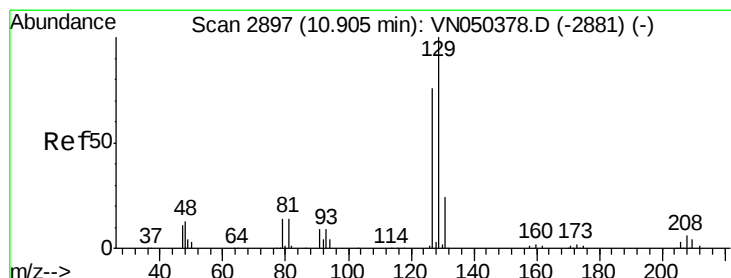
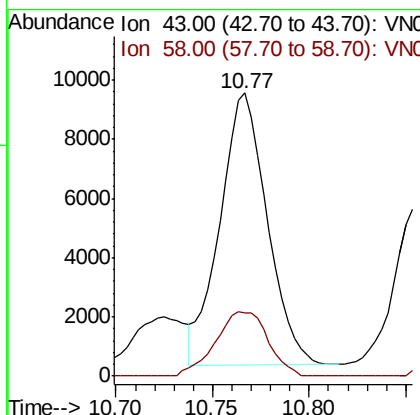
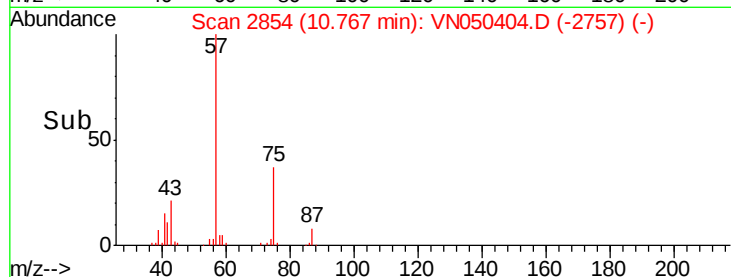
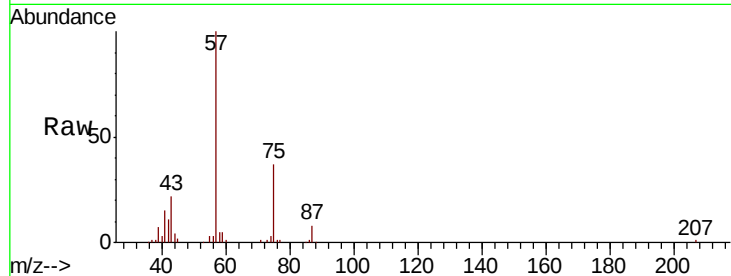




#59
2-Hexanone
Concen: 2.11 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

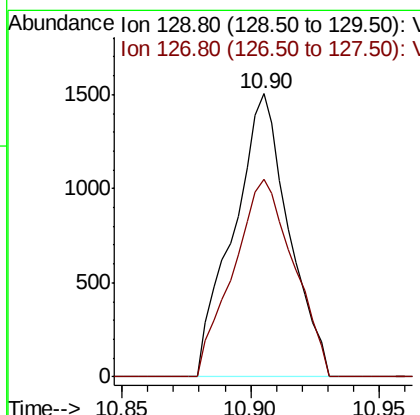
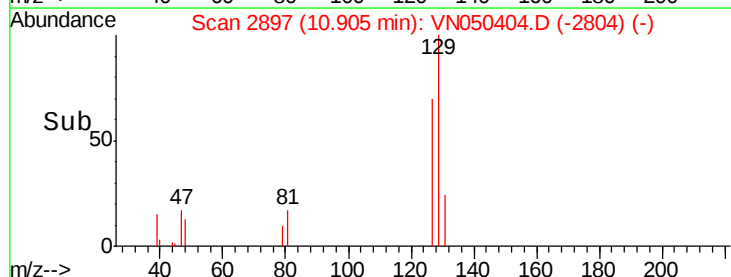
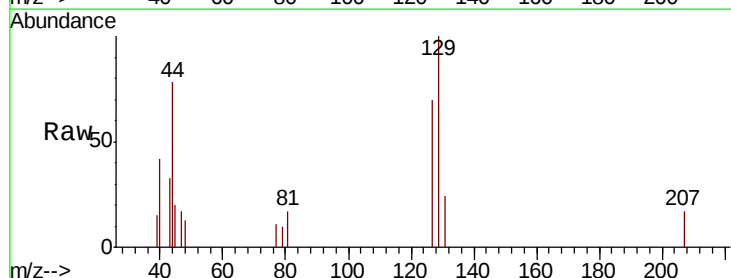
Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-B

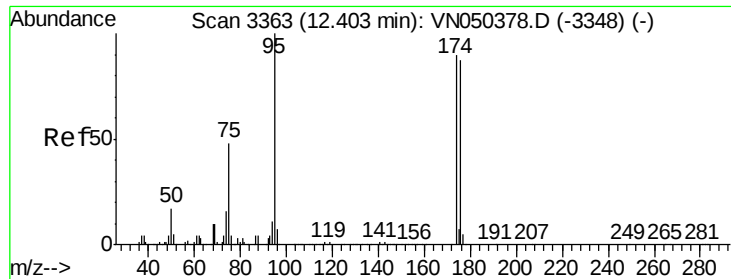
Tot Ion: 43 Resp: 15649
Ion Ratio Lower Upper
43 100
58 26.1 27.6 82.7#



#60
Dibromochloromethane
Concen: 0.24 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion: 129 Resp: 2249
Ion Ratio Lower Upper
129 100
127 76.3 38.0 113.9





#62

4-Bromofluorobenzene

Concen: 38.75 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampled :

OR-02-080318-B

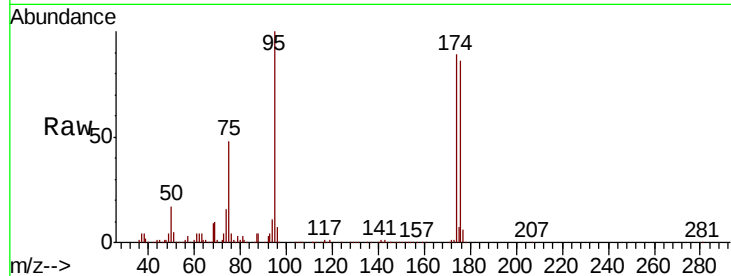
Tot Ion: 95 Resp: 430731

Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.2

176 87.0 0.0 173.4

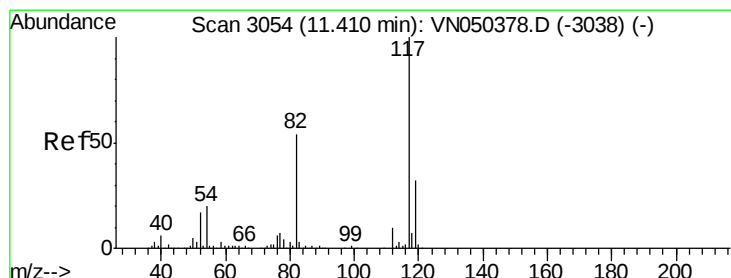
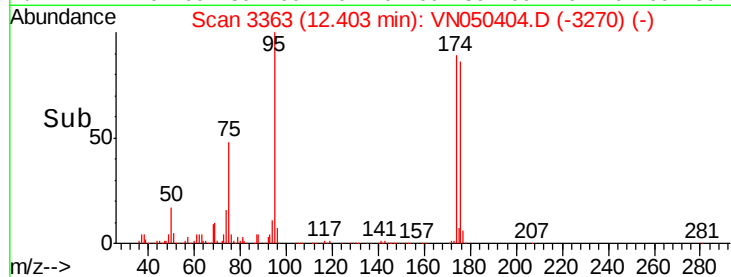


Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050378.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050378.D (-3348) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

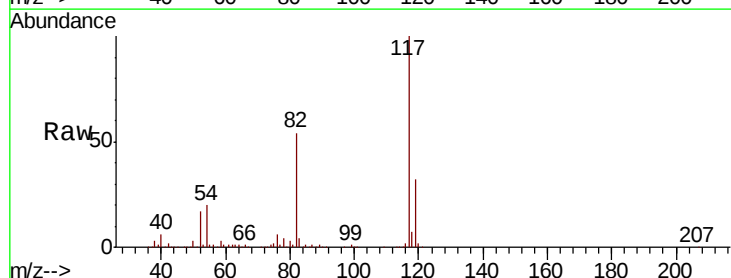
Tgt Ion: 117 Resp: 940593

Ion Ratio Lower Upper

117 100

82 54.1 43.7 65.5

119 32.3 26.1 39.1

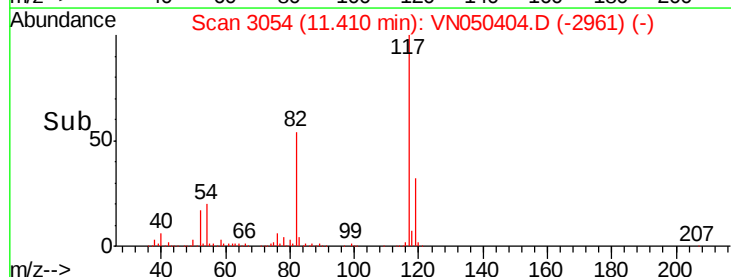


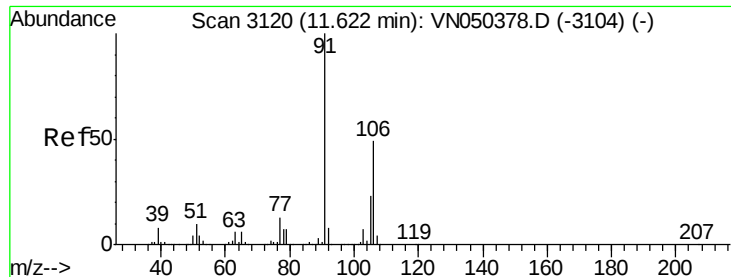
Abundance Ion 116.90 (116.60 to 117.60): VN050378.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050378.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050378.D (-3038) (-)

Time--> 11.30 11.40 11.50





#68

m/p-Xvlenes

Concen: 0.29 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

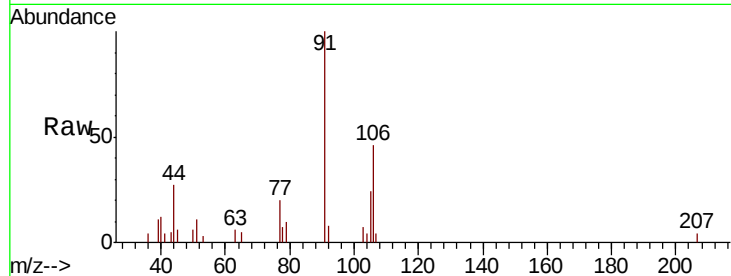
OR-02-080318-B

Tot Ion:106 Resp: 4206

Ion Ratio Lower Upper

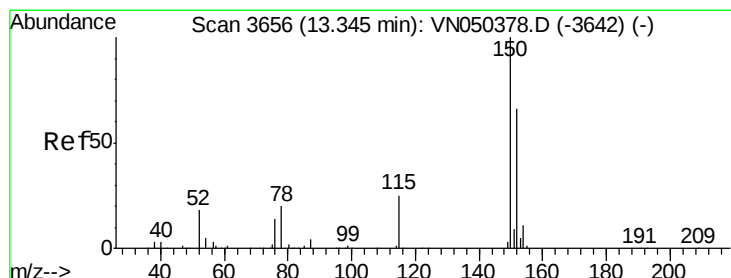
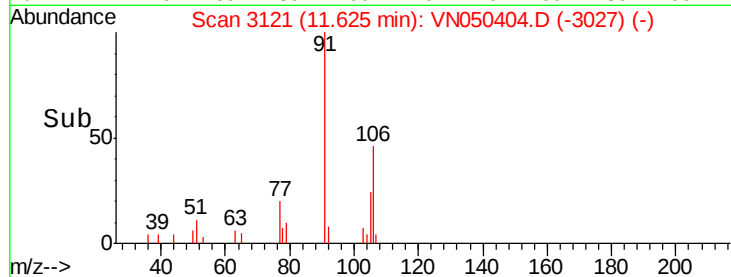
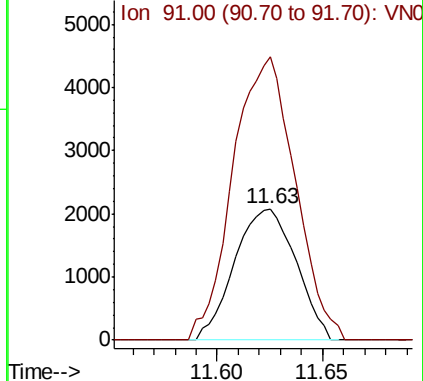
106 100

91 218.1 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

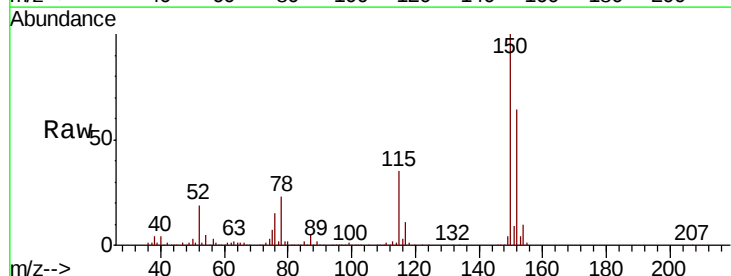
Tgt Ion:152 Resp: 380384

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.3

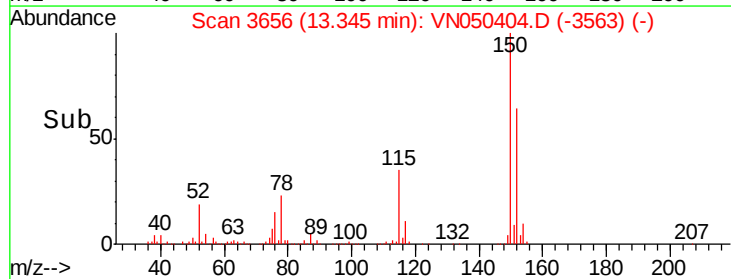
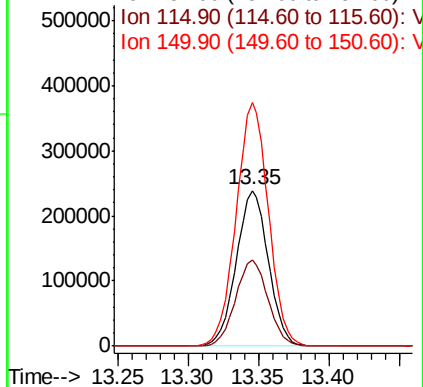
150 157.4 0.0 348.6

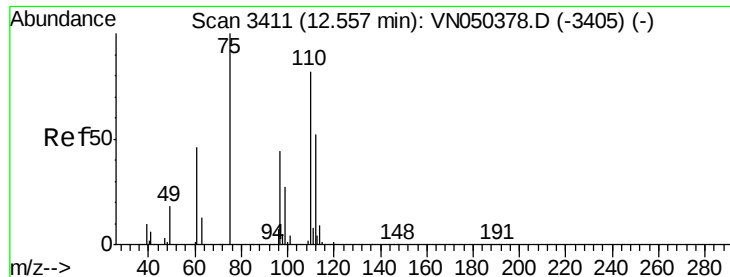


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.11 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

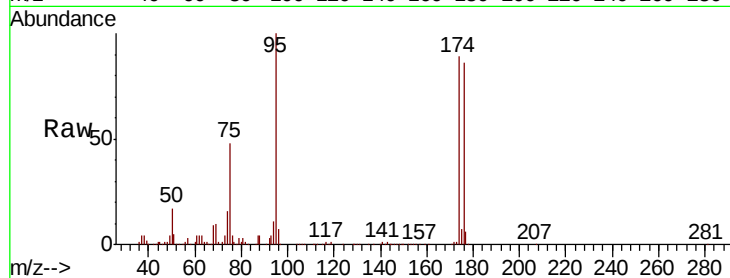
OR-02-080318-B

Tot Ion: 75 Resp: 207345

Ion Ratio Lower Upper

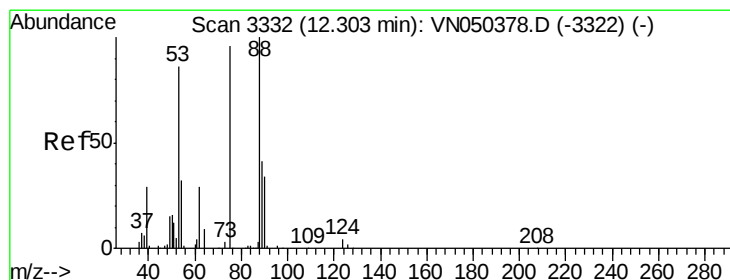
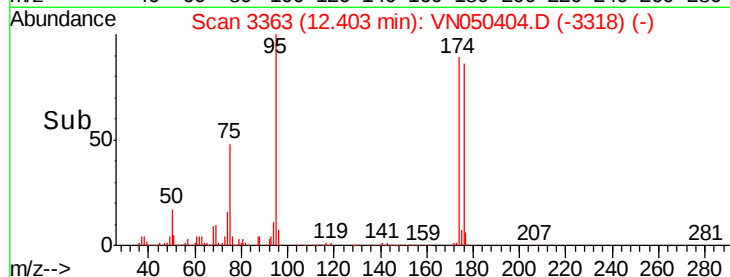
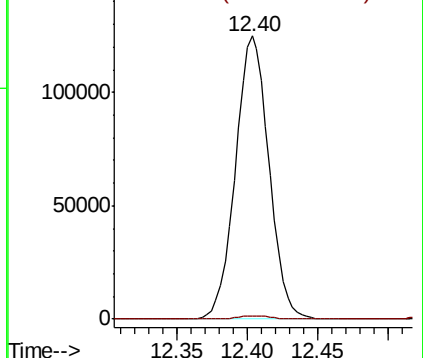
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 105.81 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

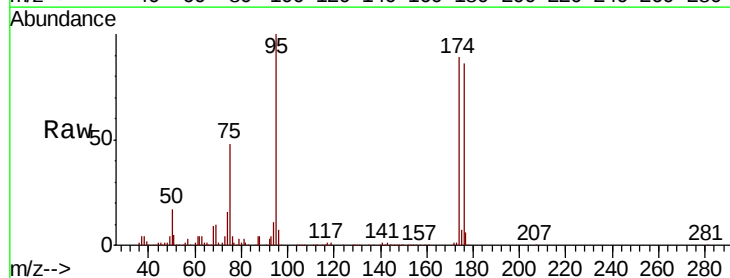
Tgt Ion: 75 Resp: 207345

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

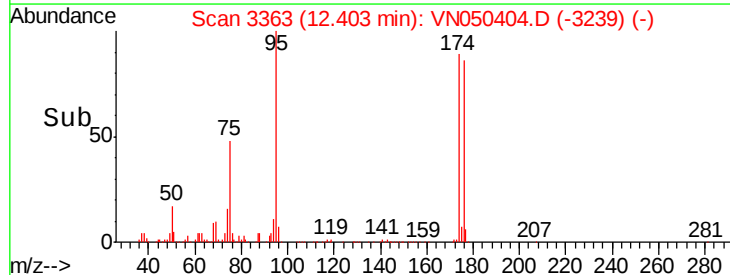
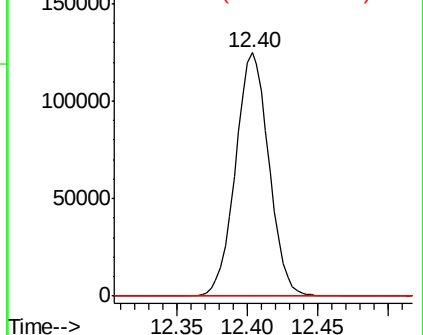
89 0.0 36.0 54.0#

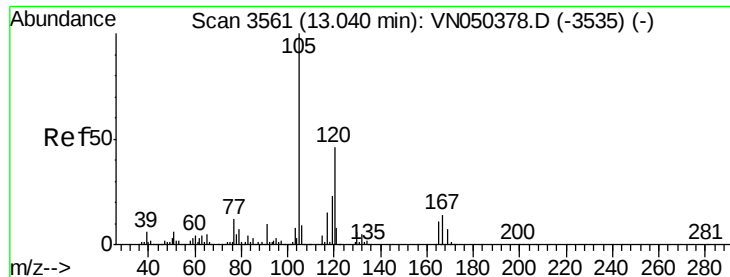


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.33 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampled :

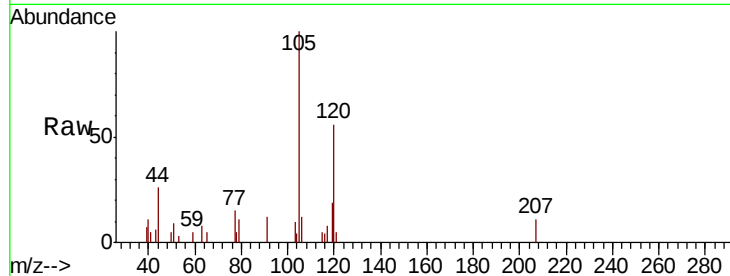
OR-02-080318-B

Tot Ion:105 Resp: 7717

Ion Ratio Lower Upper

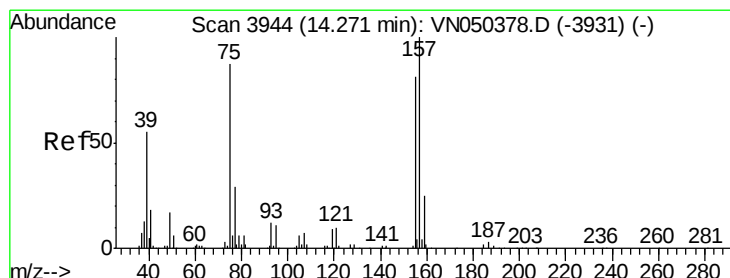
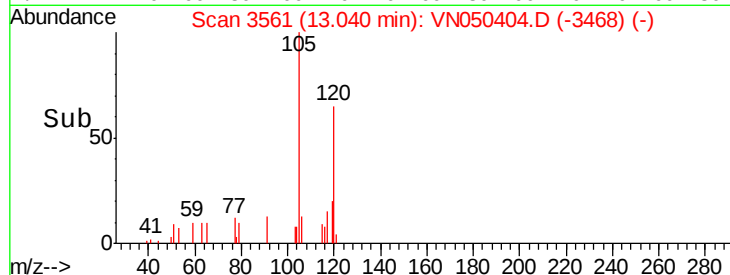
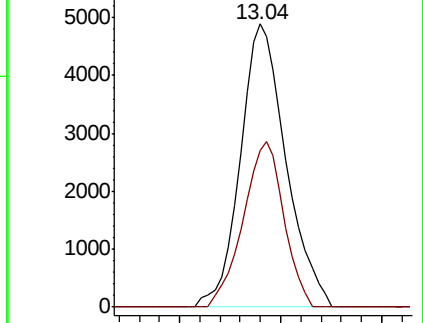
105 100

120 52.1 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: 0.21 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

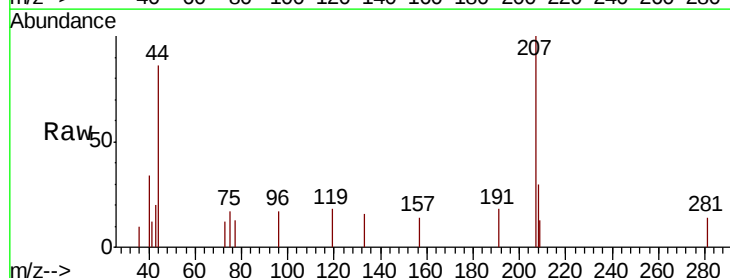
Tgt Ion: 75 Resp: 287

Ion Ratio Lower Upper

75 100

155 21.3 44.8 134.4#

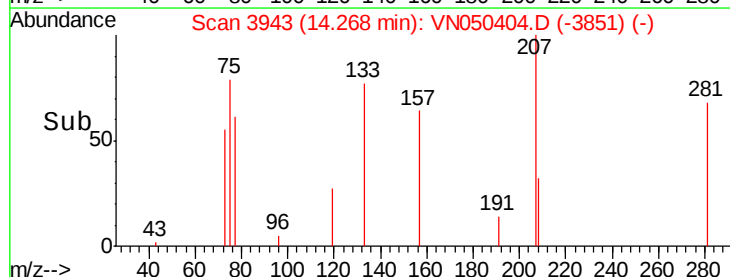
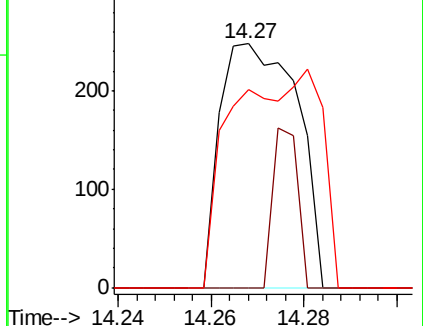
157 103.1 57.2 171.6

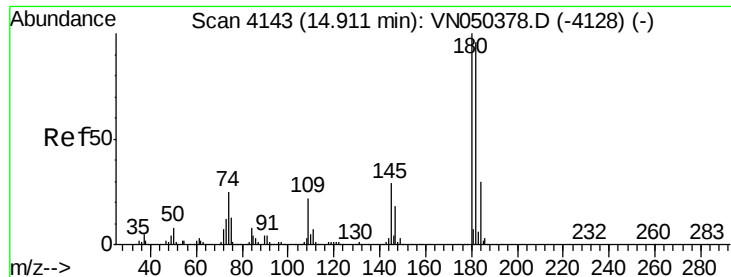


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

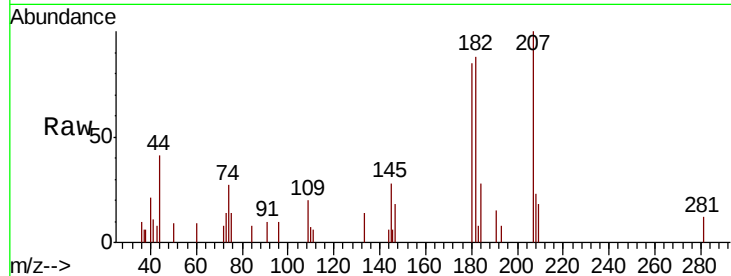




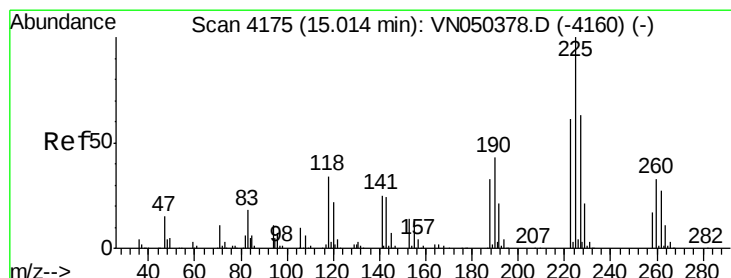
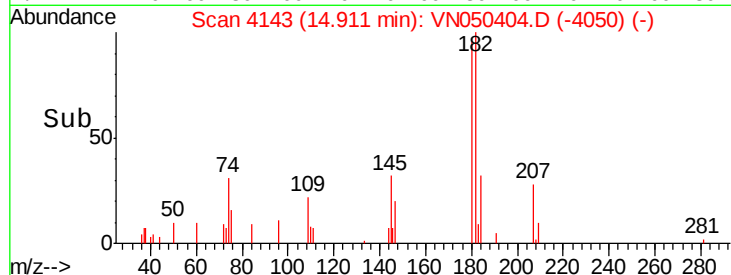
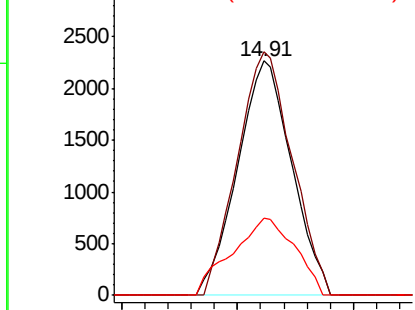
#93
 1,2,4-Trichlorobenzene
 Concen: 0.53 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050404.D
 Acq: 7 Aug 2018 00:33

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080318-B

Tot Ion:180 Resp: 3682
 Ion Ratio Lower Upper
 180 100
 182 105.1 46.7 140.1
 145 38.0 13.8 41.4

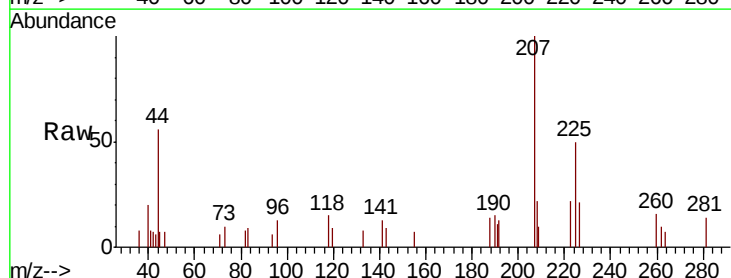


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

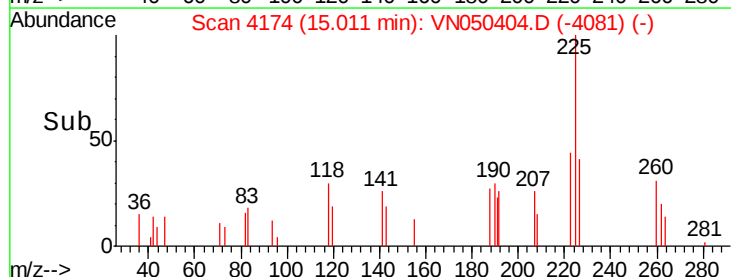
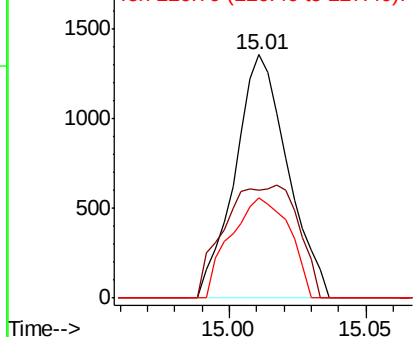


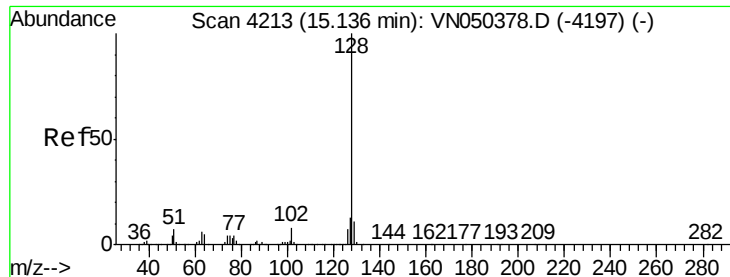
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050404.D
 Acq: 7 Aug 2018 00:33

Tgt Ion:225 Resp: 1809
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.4 94.2
 227 46.0 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 7.68 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080318-B

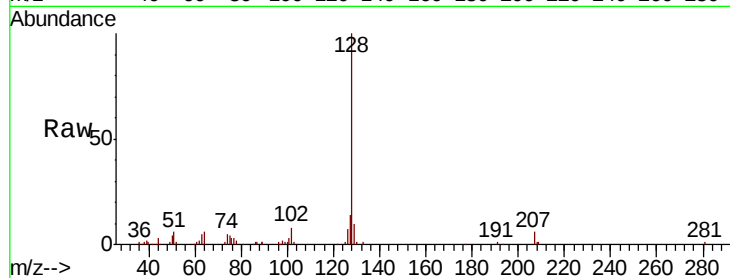
Tot Ion:128 Resp: 80647

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

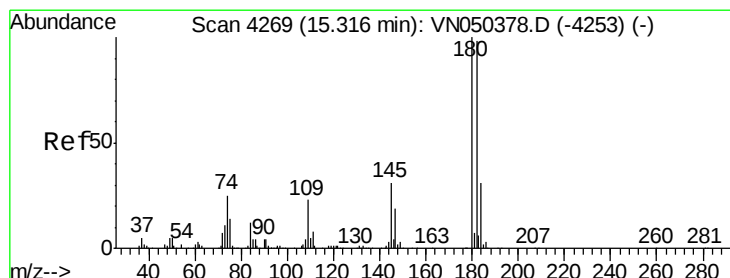
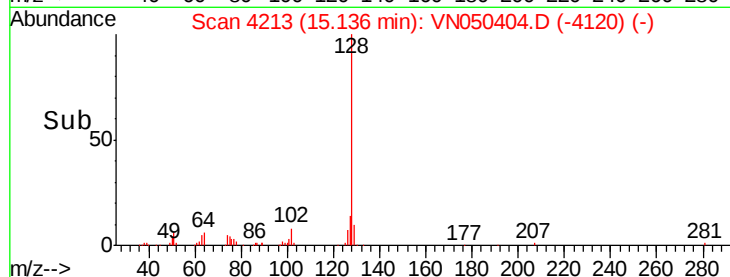
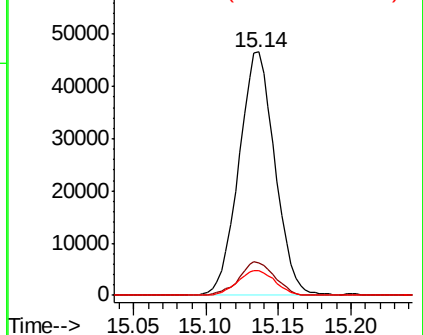
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.62 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

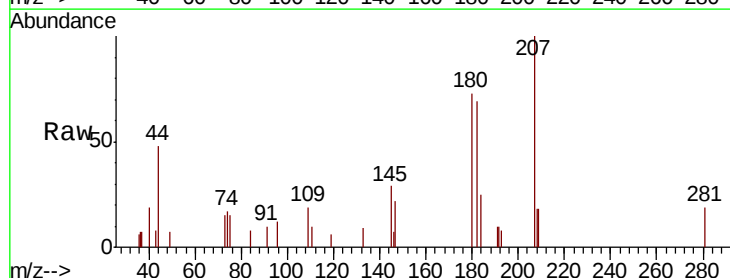
Tgt Ion:180 Resp: 4353

Ion Ratio Lower Upper

180 100

182 89.1 48.1 144.4

145 36.4 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

