

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050931.D
 Acq On : 28 Aug 2018 22:45
 Operator : MD\SY
 Sample : J4277-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-B

Quant Time: Aug 29 03:57:41 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	604152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1001714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	857956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288319	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	400575	55.08	ug/l	0.00
Spiked Amount			Recovery	=	110.16%	
35) Dibromofluoromethane	7.59	113	376734	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
50) Toluene-d8	10.09	98	1363687	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.40	95	368827	37.25	ug/l	0.00
Spiked Amount			Recovery	=	74.50%	

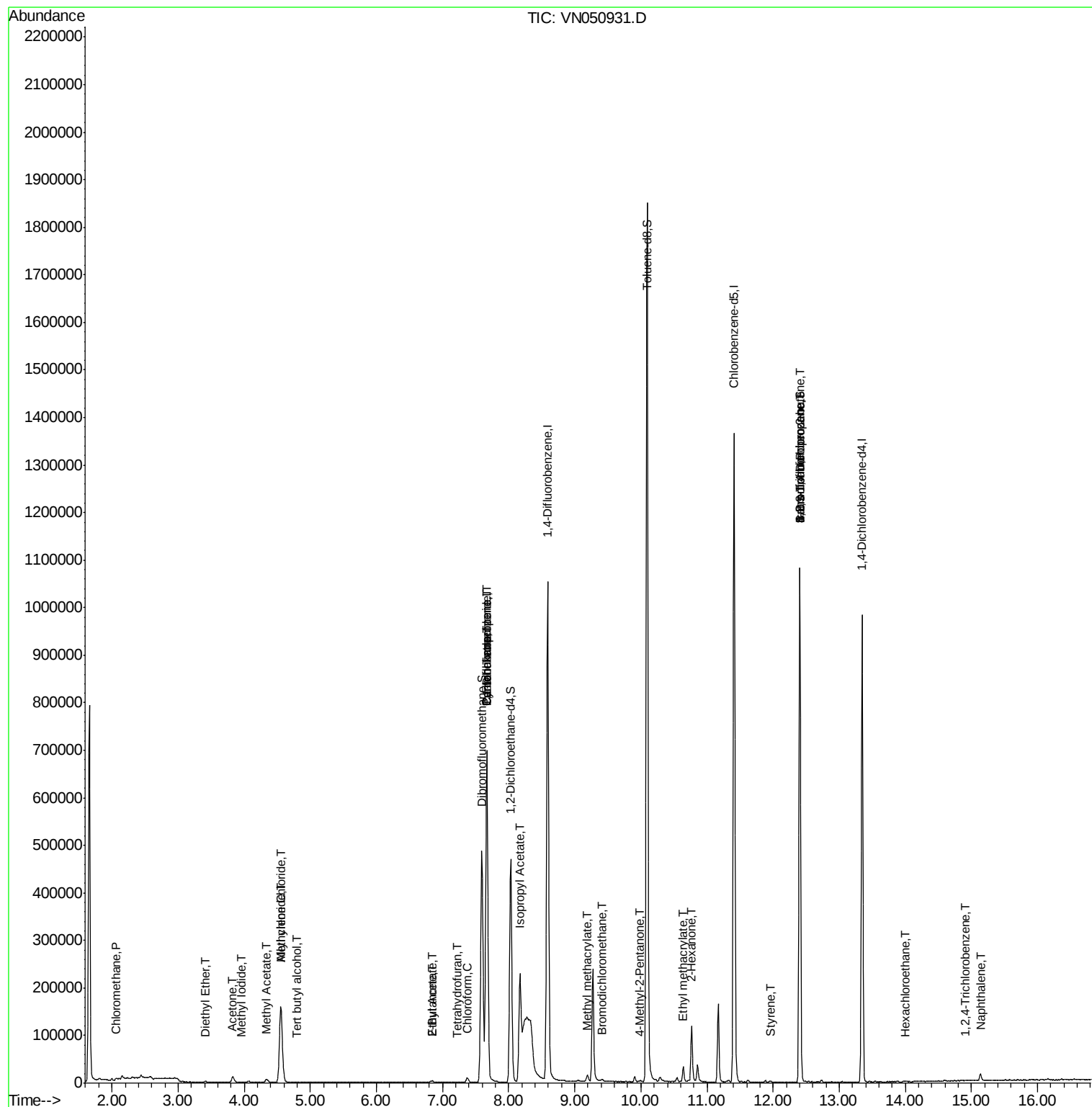
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	2082	0.21	ug/l #	84
5) Bromomethane	2.57	94	2418	Below Cal	#	69
8) Diethyl Ether	3.41	74	1000	0.24	ug/l	89
10) Methyl Iodide	3.95	142	1002	6.47	ug/l #	43
11) Tert butyl alcohol	4.79	59	894	1.93	ug/l #	72
14) Allyl chloride	4.55	41	4741	0.45	ug/l #	26
16) Acetone	3.83	43	20727	5.11	ug/l	93
18) Methyl Acetate	4.34	43	14177	2.06	ug/l	95
20) Methylene Chloride	4.55	84	129896	15.85	ug/l	99
25) 2-Butanone	6.85	43	2197	0.75	ug/l #	82
29) Tetrahydrofuran	7.22	42	486	0.29	ug/l #	37
30) Chloroform	7.37	83	11164	0.83	ug/l	93
31) Cyclohexane	7.67	56	10262	1.29	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40409	3.42	ug/l #	49
37) Ethyl Acetate	6.85	43	2197	0.32	ug/l #	67
38) Carbon Tetrachloride	7.67	117	53740	4.50	ug/l #	17
43) Isopropyl Acetate	8.17	43	285067	24.42	ug/l	94
47) Bromodichloromethane	9.40	83	2316	0.20	ug/l #	94
48) Methyl methacrylate	9.18	41	8126	1.37	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	2070	0.30	ug/l	90
56) Ethyl methacrylate	10.64	69	558	2.40	ug/l #	1
59) 2-Hexanone	10.77	43	16399	3.54	ug/l #	60
70) Styrene	11.96	104	214	1.28	ug/l #	69
71) Bromoform	12.40	173	1156	0.20	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	174752	34.60	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	174752	116.98	ug/l #	15
90) Hexachloroethane	14.00	117	338	0.28	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	118	4.10	ug/l #	52
95) Naphthalene	15.14	128	12973	6.40	ug/l	97

(#) = 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: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

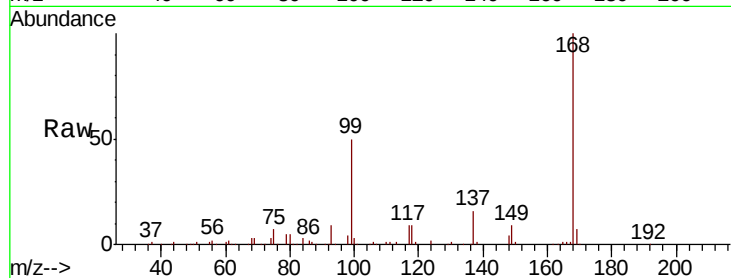
OR-01-082718-B

Tot Ion:168 Resp: 604152

Ion Ratio Lower Upper

168 100

99 50.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050931.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050931.D (-1797) (-)

7.67

250000

200000

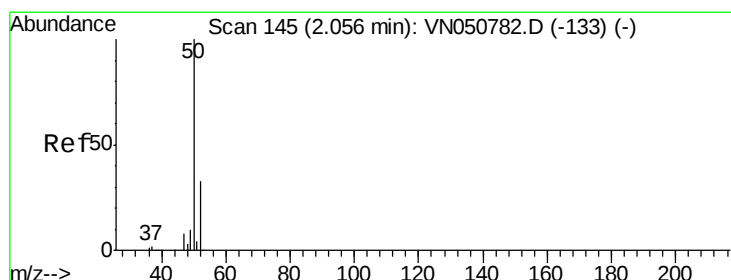
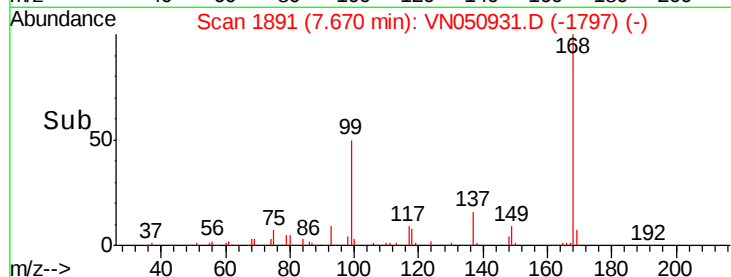
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN050931.D

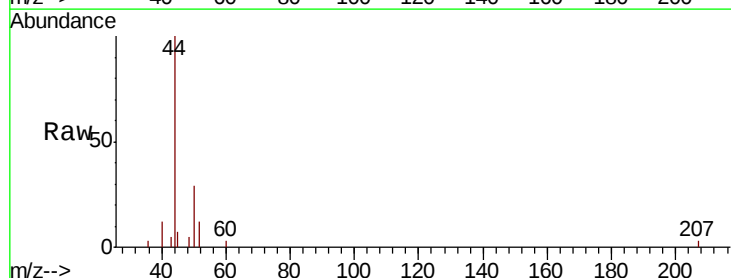
Acq: 28 Aug 2018 22:45

Tgt Ion: 50 Resp: 2082

Ion Ratio Lower Upper

50 100

52 41.8 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN050931.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN050931.D (-52) (-)

2.05

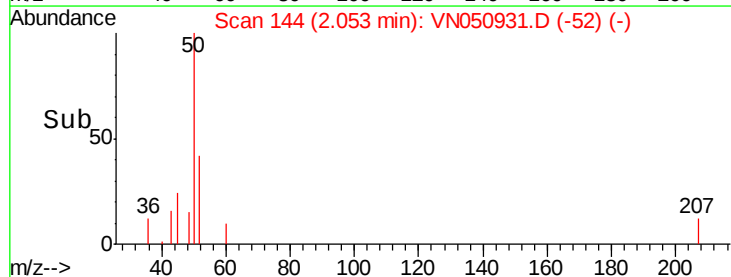
1500

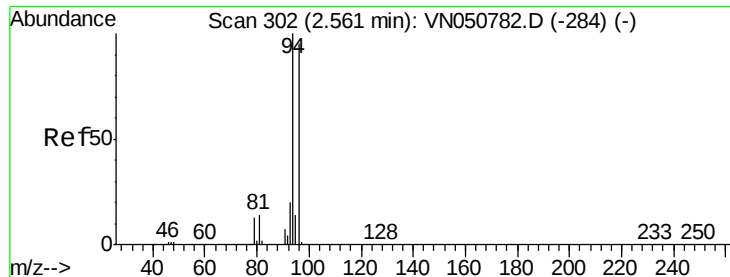
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

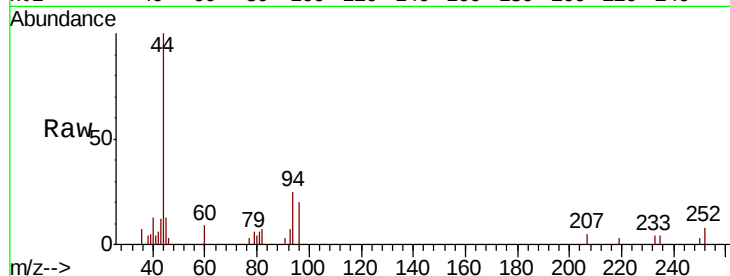
OR-01-082718-B

Tot Ion: 94 Resp: 2418

Ion Ratio Lower Upper

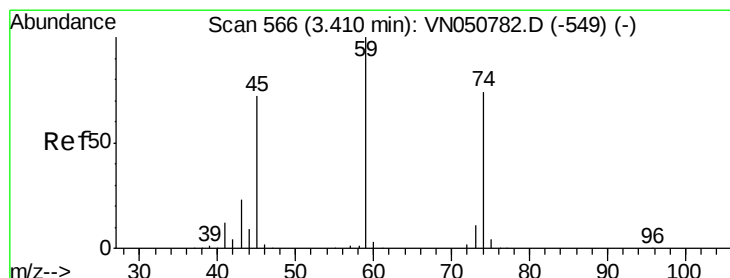
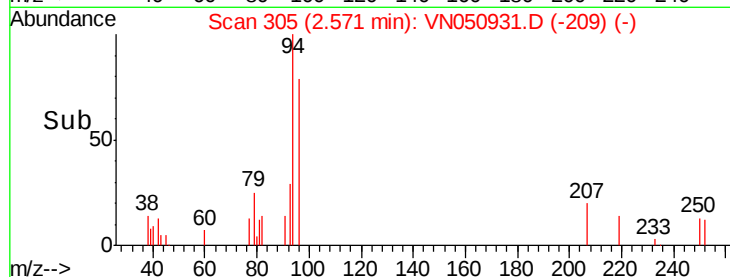
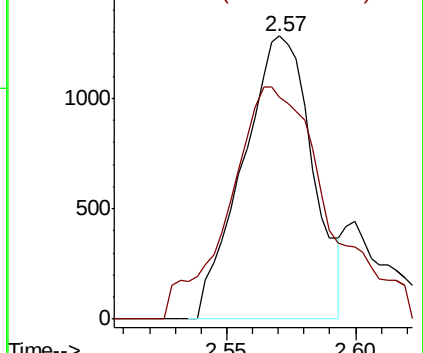
94 100

96 65.1 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN050931.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050931.D (-209) (-)



#8

Diethyl Ether

Concen: 0.24 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050931.D

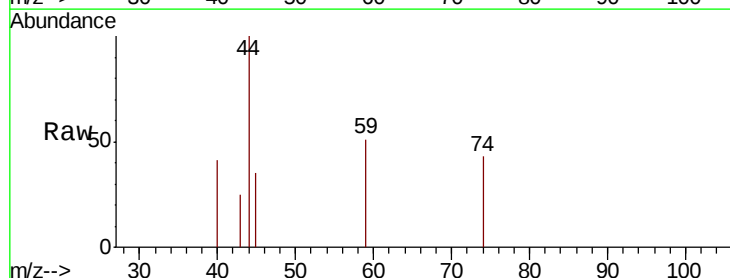
Acq: 28 Aug 2018 22:45

Tgt Ion: 74 Resp: 1000

Ion Ratio Lower Upper

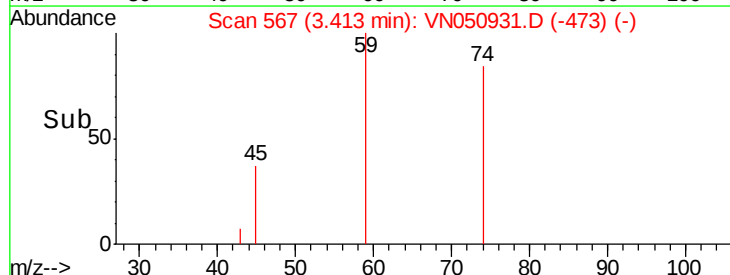
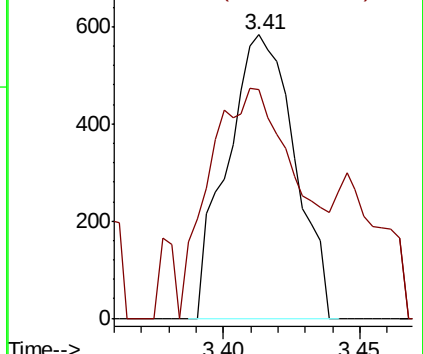
74 100

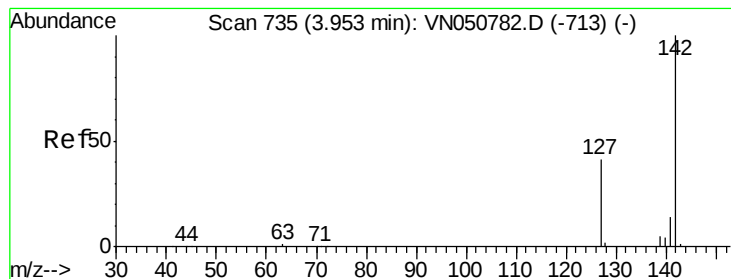
45 107.6 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VN050931.D (-473) (-)

Ion 45.00 (44.70 to 45.70): VN050931.D (-473) (-)





#10

Methvl Iodide

Concen: 6.47 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

OR-01-082718-B

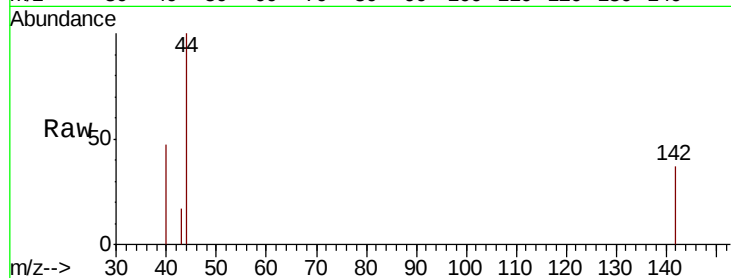
Tot Ion:142 Resp: 1002

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

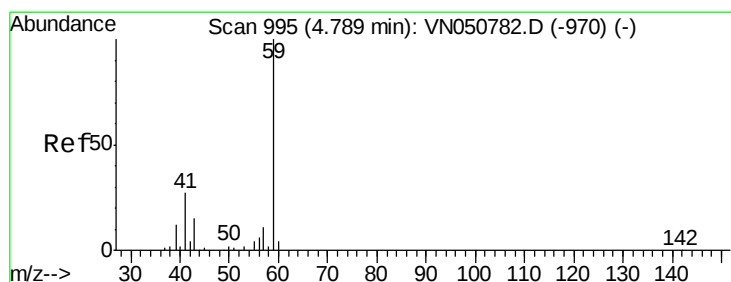
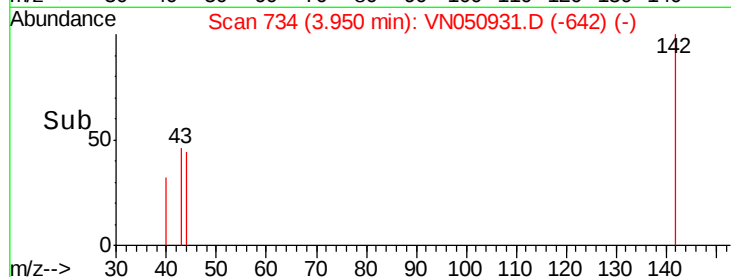
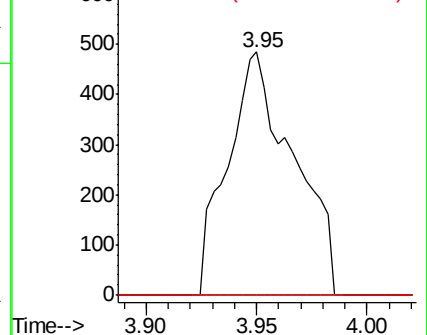
141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 1.93 ug/l

RT: 4.79 min Scan# 995

Delta R.T. -0.00 min

Lab File: VN050931.D

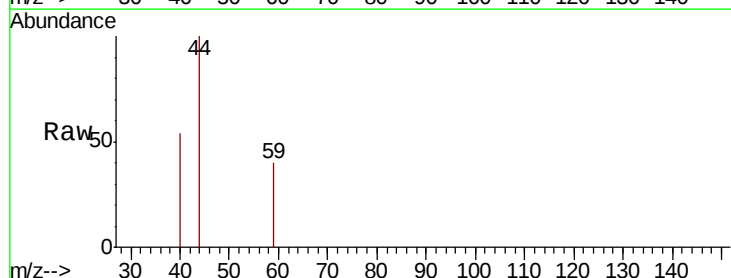
Acq: 28 Aug 2018 22:45

Tgt Ion: 59 Resp: 894

Ion Ratio Lower Upper

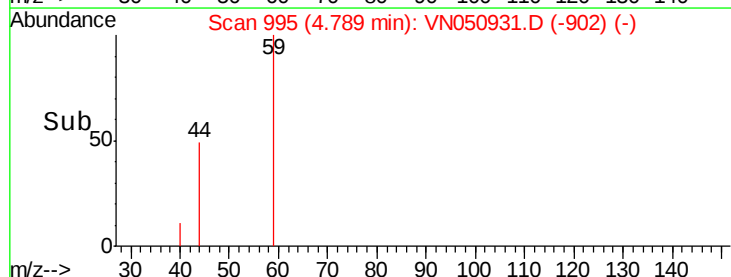
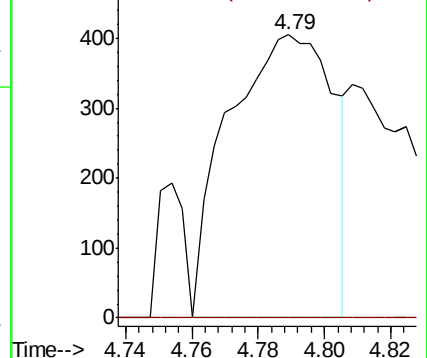
59 100

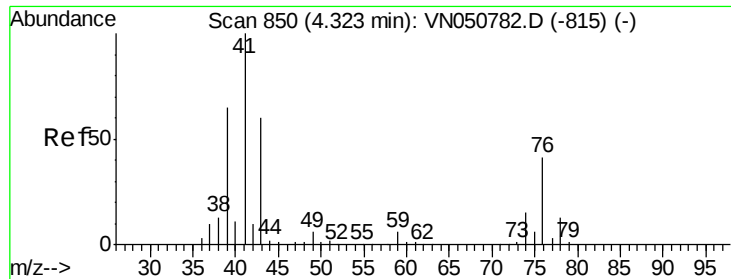
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V

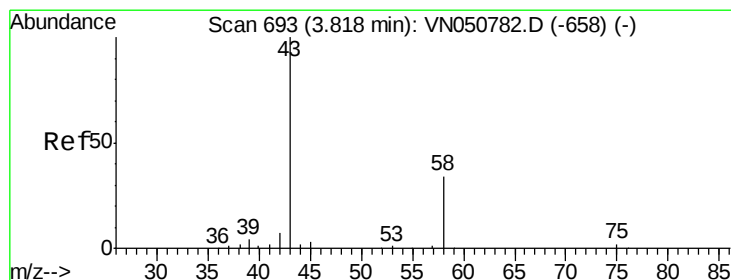
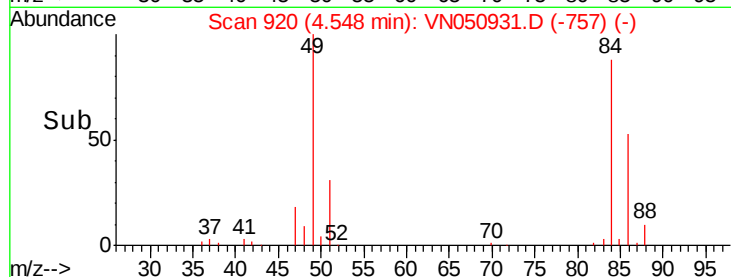
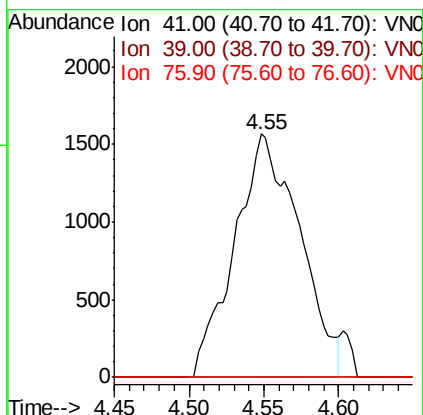
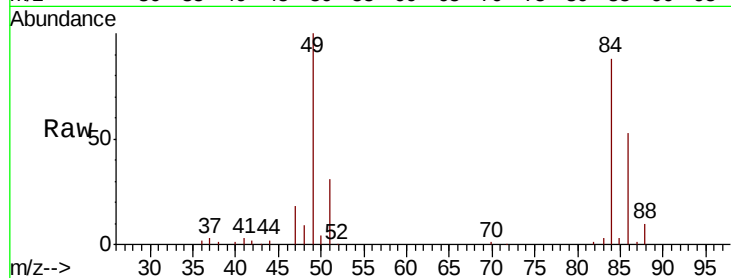




#14
Allvl chloride
Concen: 0.45 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.22 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

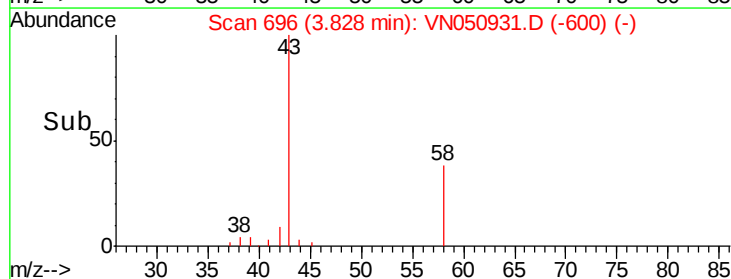
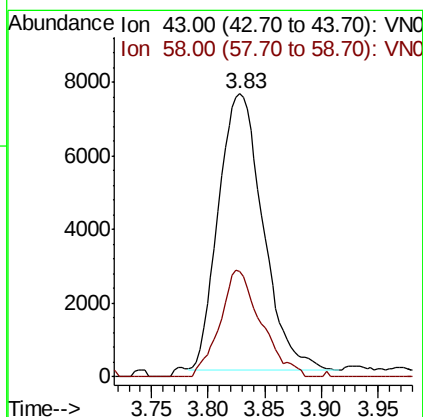
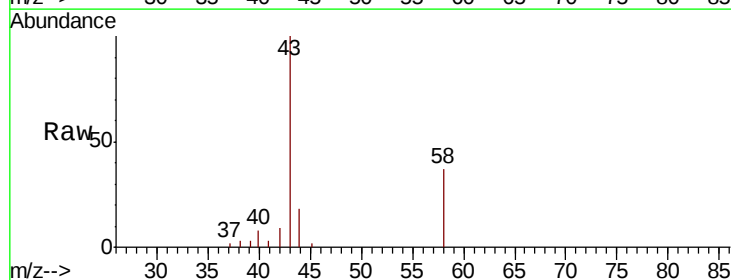
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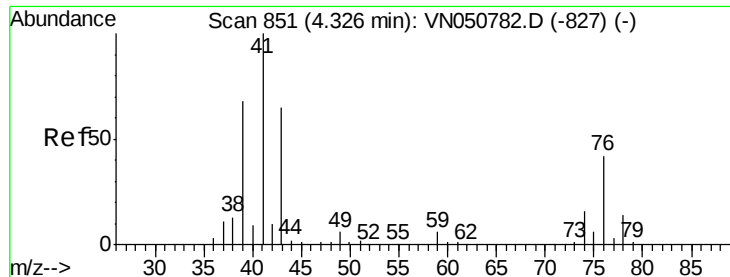
Tot Ion: 41 Resp: 4741
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.2#
76 0.0 29.8 44.8#



#16
Acetone
Concen: 5.11 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Tgt Ion: 43 Resp: 20727
Ion Ratio Lower Upper
43 100
58 38.3 27.2 40.8

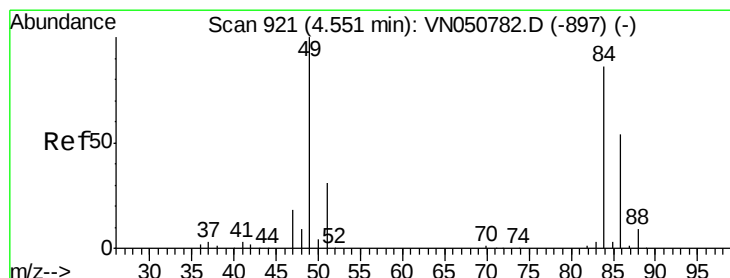
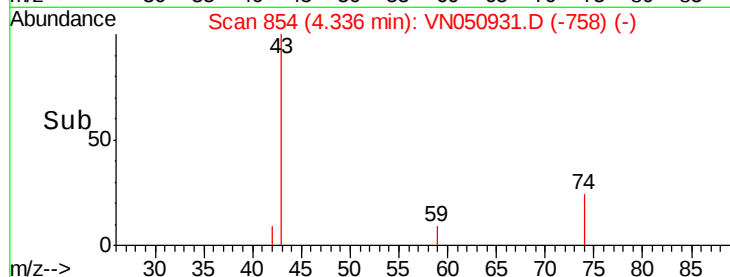
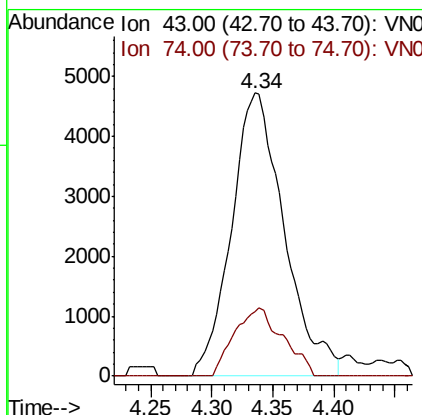
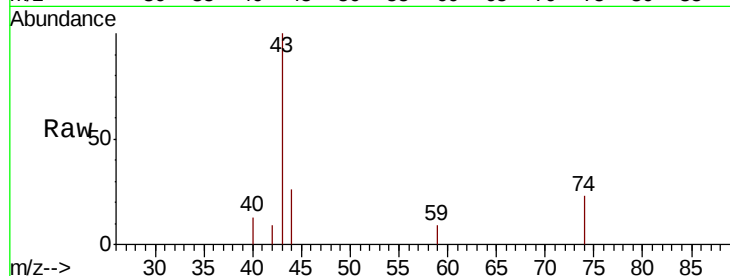




#18
Methvl Acetate
Concen: 2.06 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

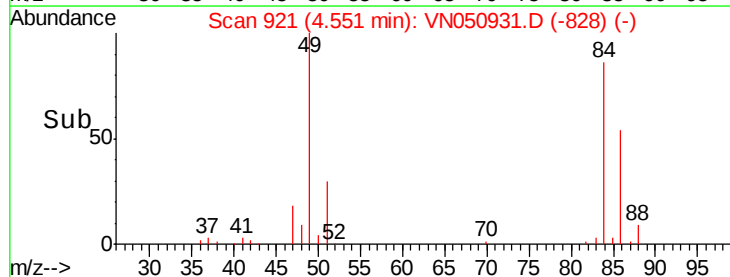
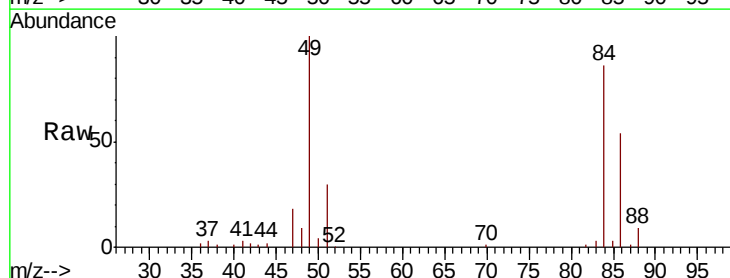
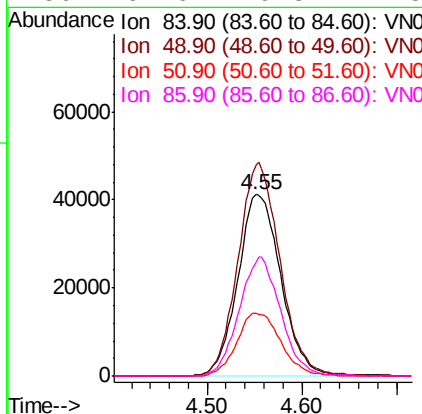
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MSVOA_N
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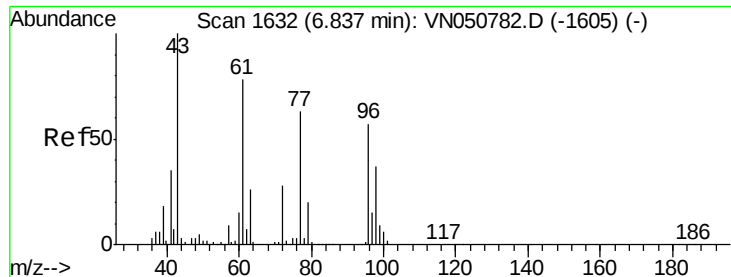
Tot Ion: 43 Resp: 14177
Ion Ratio Lower Upper
43 100
74 22.2 19.8 29.8



#20
Methylene Chloride
Concen: 15.85 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Tgt Ion: 84 Resp: 129896
Ion Ratio Lower Upper
84 100
49 116.2 93.2 139.8
51 34.6 29.0 43.6
86 62.6 49.8 74.8

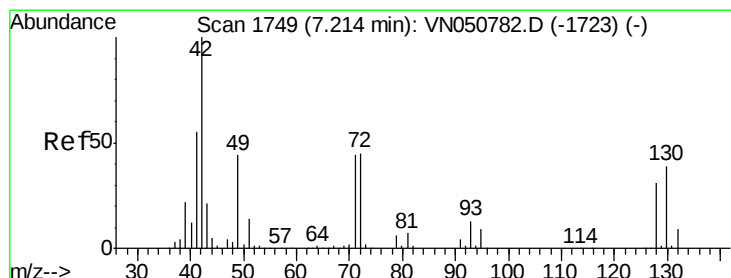
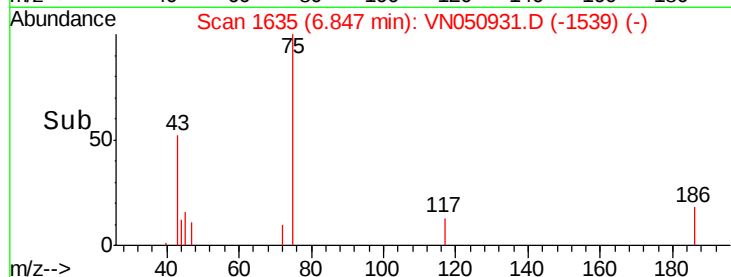
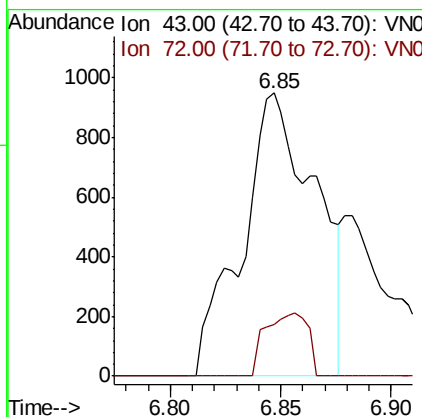
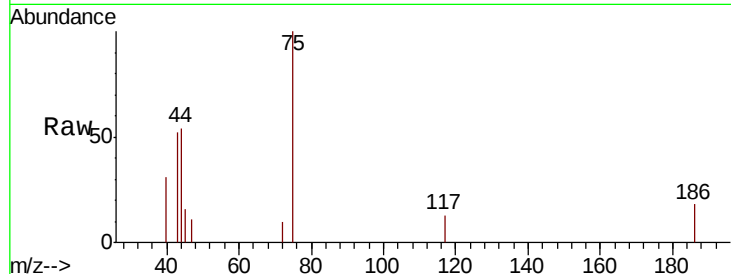




#25
2-Butanone
Concen: 0.75 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

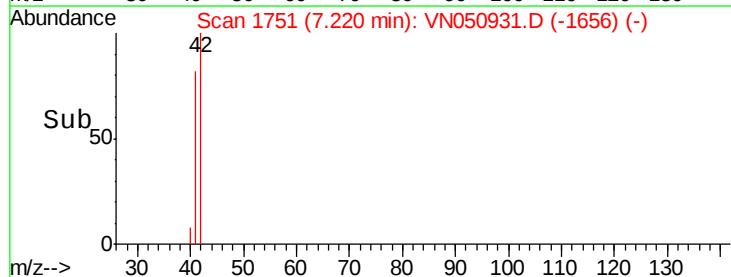
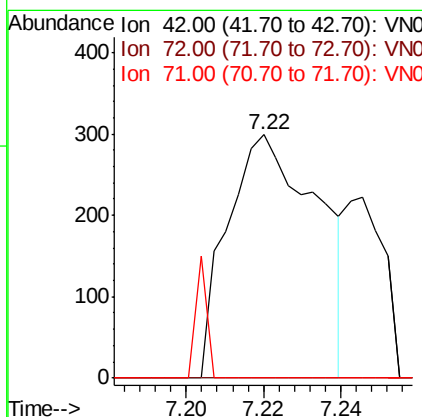
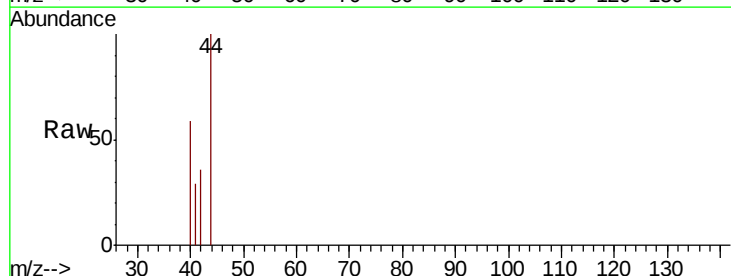
Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-B

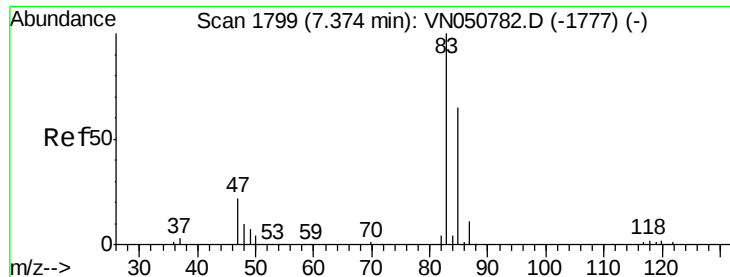
Tot Ion: 43 Resp: 2197
Ion Ratio Lower Upper
43 100
72 18.5 22.3 33.5#



#29
Tetrahydrofuran
Concen: 0.29 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Tgt Ion: 42 Resp: 486
Ion Ratio Lower Upper
42 100
72 0.0 35.5 53.3#
71 6.0 33.7 50.5#





#30

Chloroform

Concen: 0.83 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

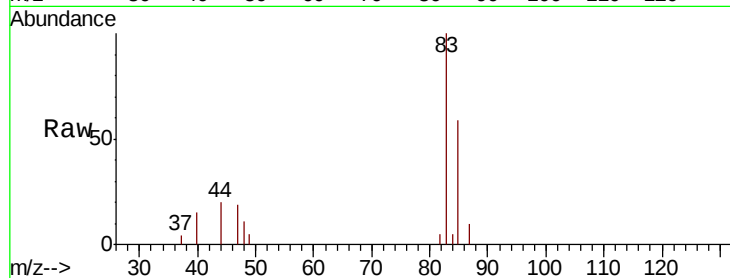
OR-01-082718-B

Tot Ion: 83 Resp: 11164

Ion Ratio Lower Upper

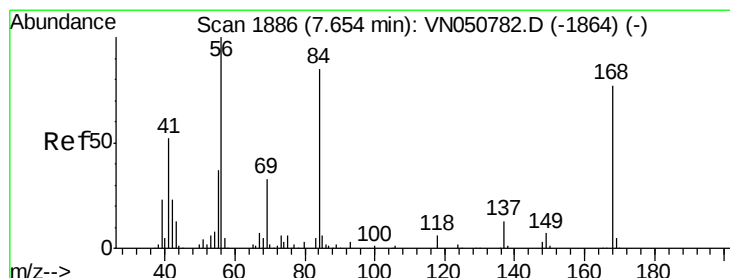
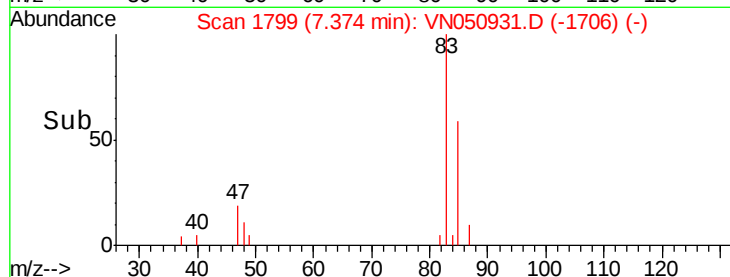
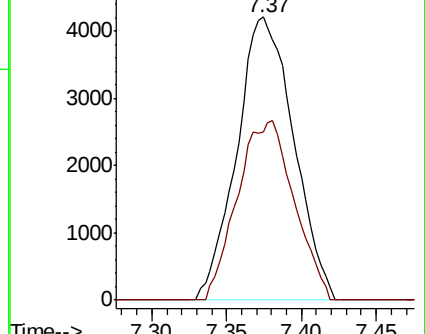
83 100

85 59.4 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#31

Cyclohexane

Concen: 1.29 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

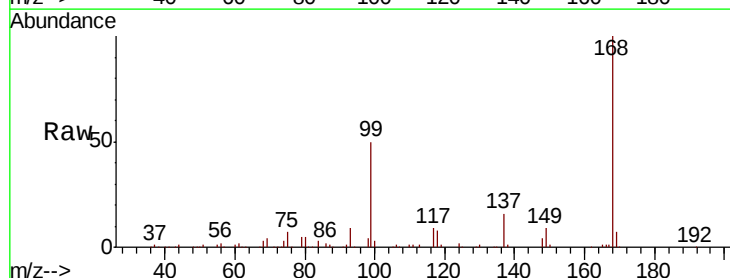
Tgt Ion: 56 Resp: 10262

Ion Ratio Lower Upper

56 100

69 207.2 26.2 39.4#

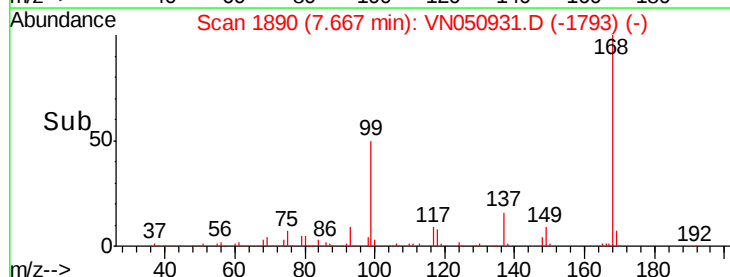
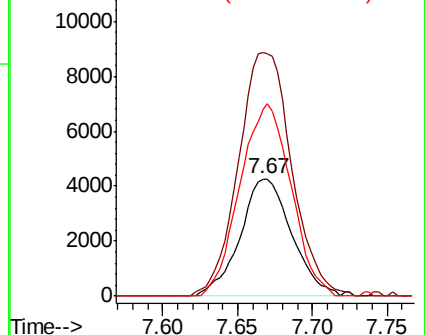
84 159.9 68.3 102.5#

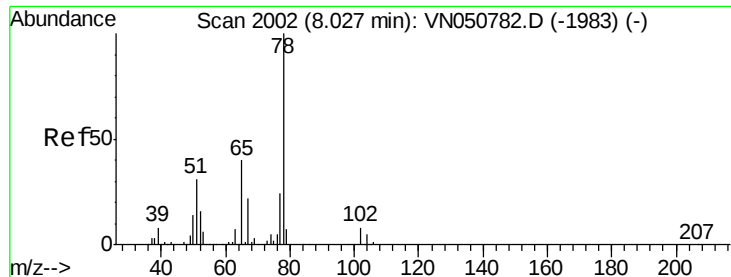


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

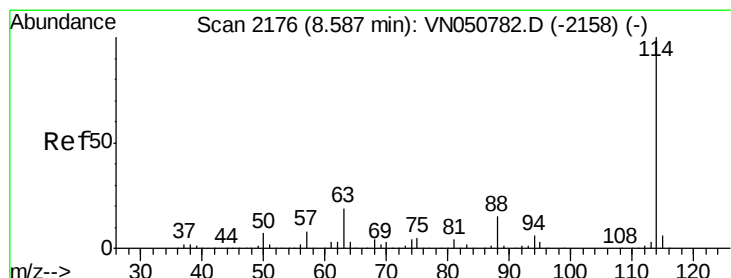
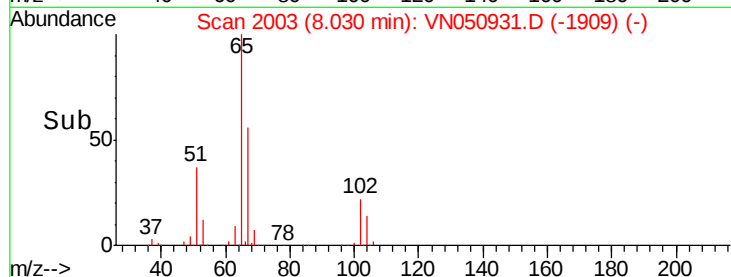
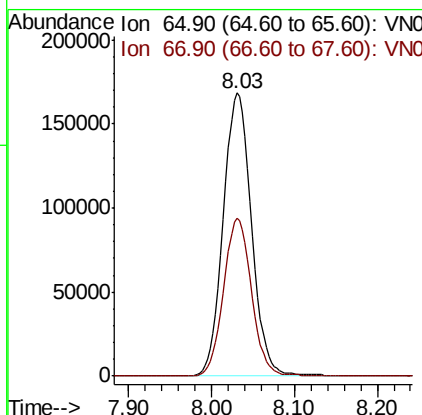
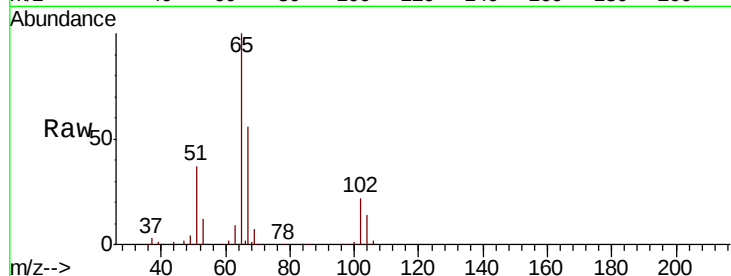




#33
 1,2-Dichloroethane-d4
 Concen: 55.08 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050931.D
 Acq: 28 Aug 2018 22:45

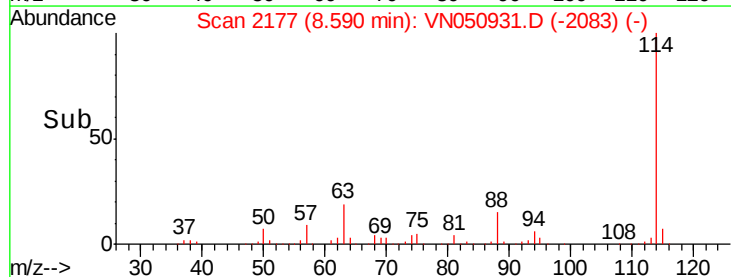
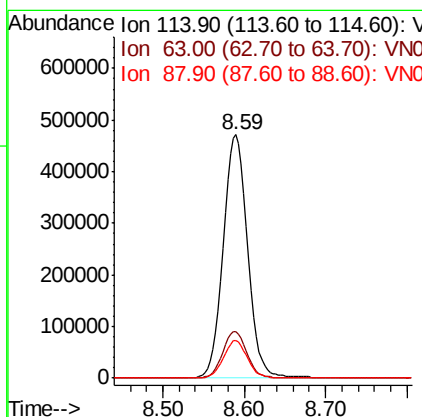
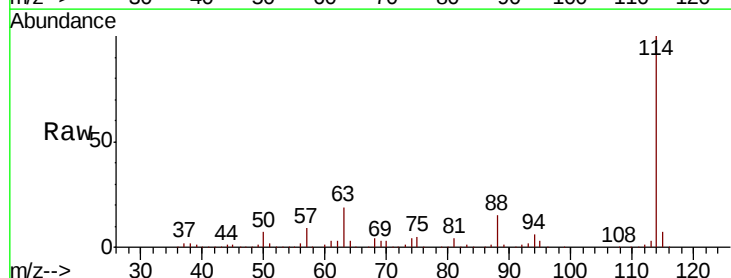
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-B

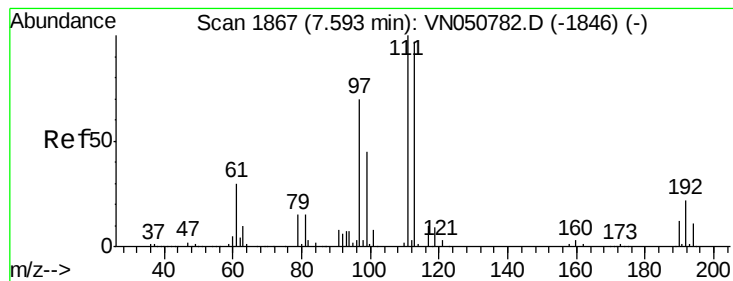
Tot Ion: 65 Resp: 400575
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050931.D
 Acq: 28 Aug 2018 22:45

Tgt Ion: 114 Resp: 1001714
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.27 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

OR-01-082718-B

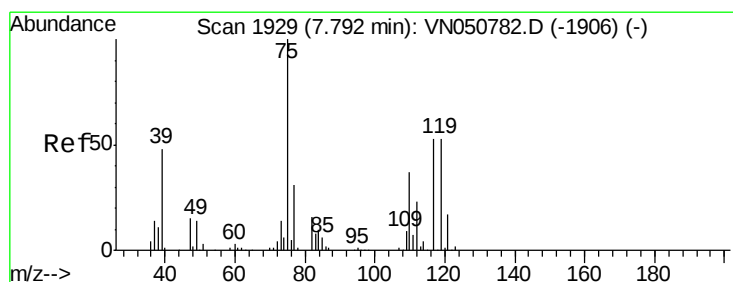
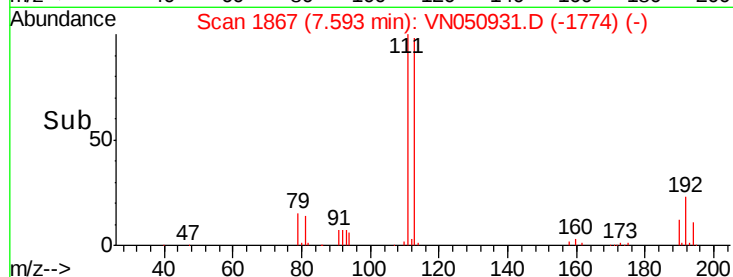
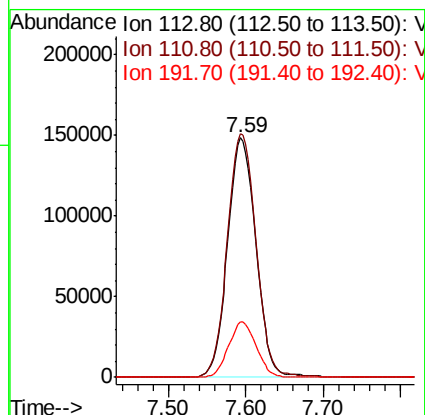
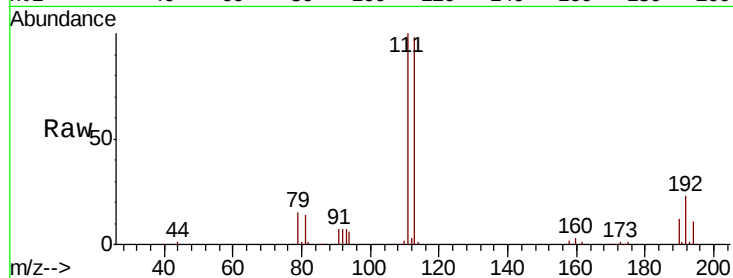
Tot Ion:113 Resp: 376734

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 22.7 18.0 27.0



#36

1,1-Dichloropropene

Concen: 3.42 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.12 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

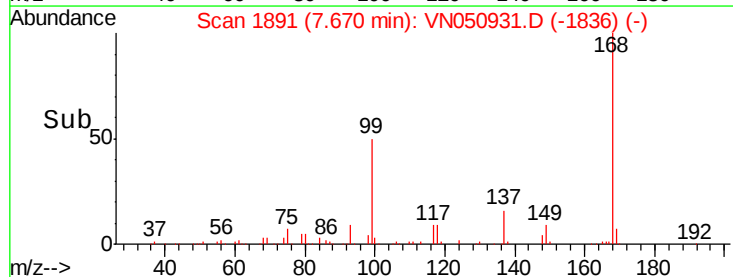
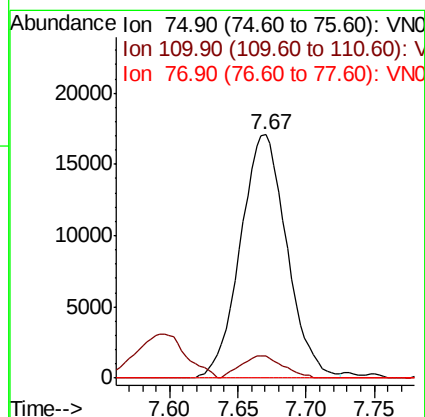
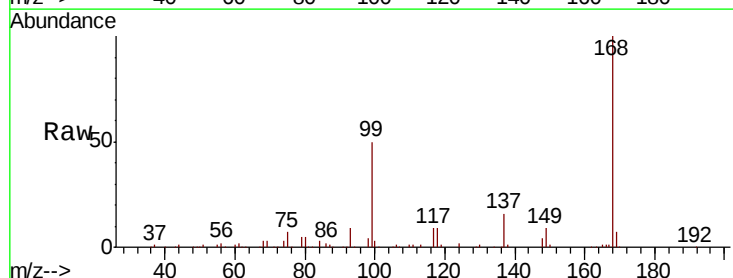
Tgt Ion: 75 Resp: 40409

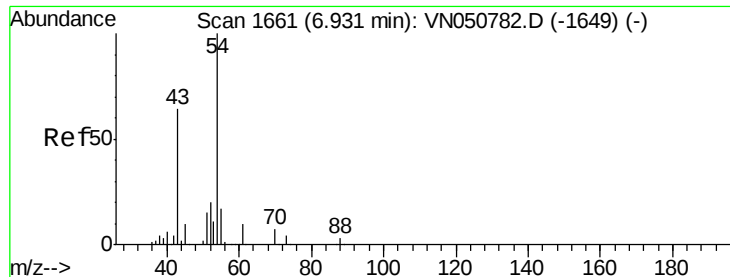
Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.4#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.32 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. -0.08 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

OR-01-082718-B

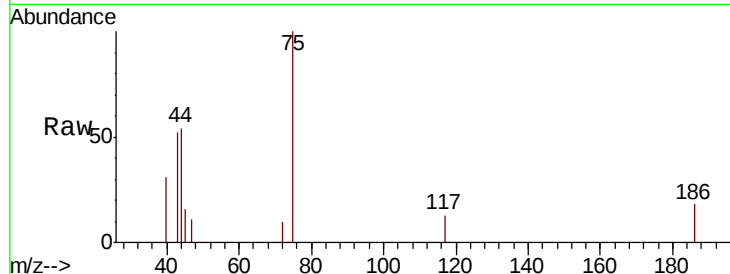
Tot Ion: 43 Resp: 2197

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

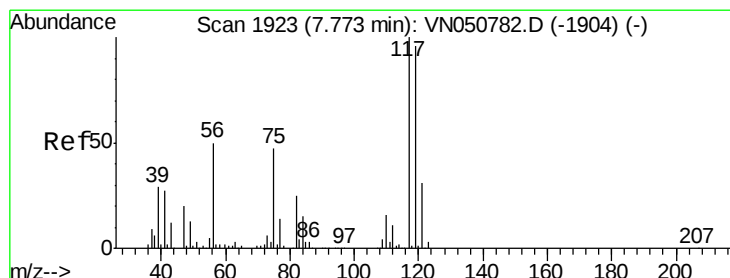
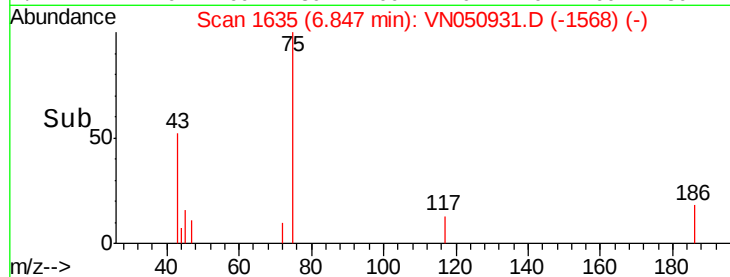
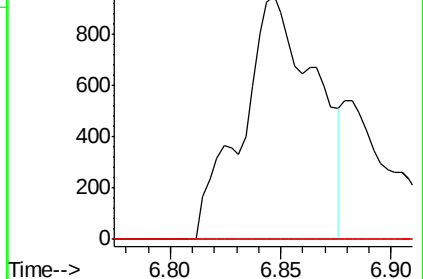
70 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 4.50 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.10 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

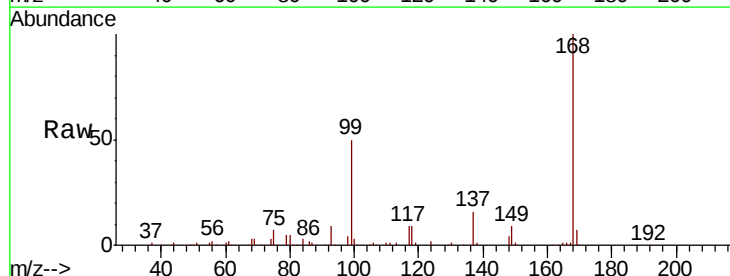
Tgt Ion: 117 Resp: 53740

Ion Ratio Lower Upper

117 100

119 5.8 76.3 114.5#

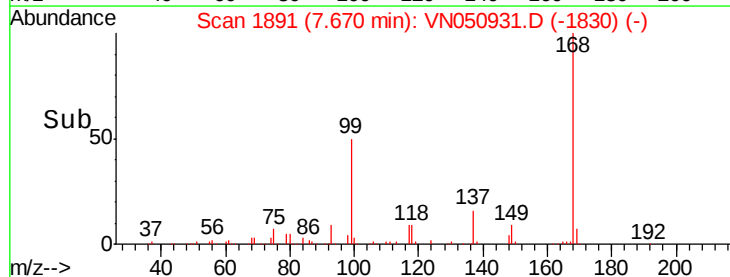
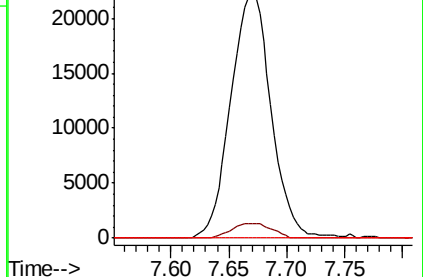
121 0.0 24.6 36.8#

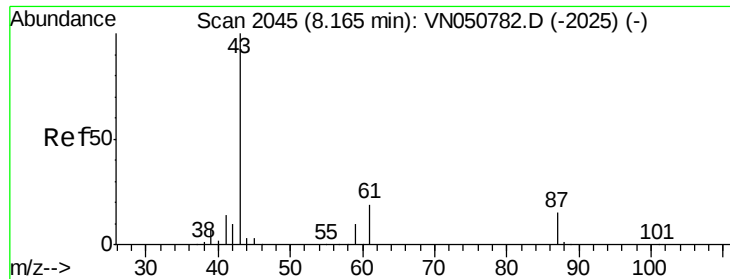


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



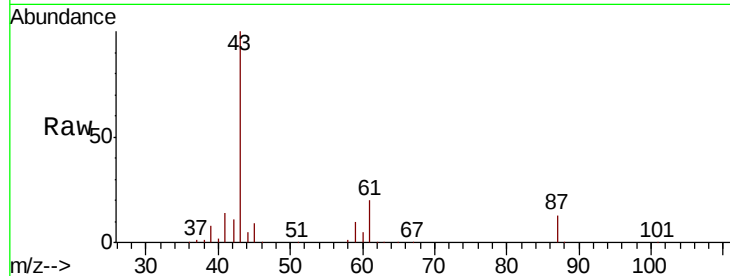


#43

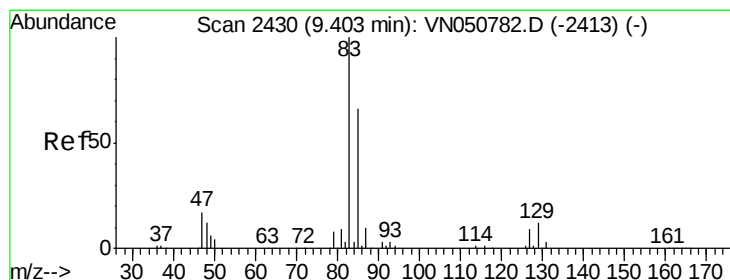
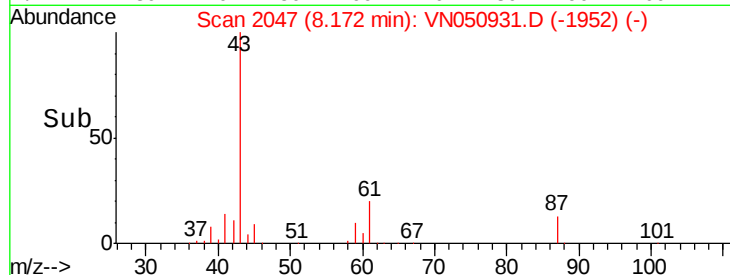
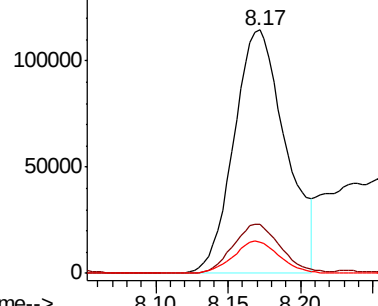
Isopropyl Acetate
 Concen: 24.42 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050931.D
 Acq: 28 Aug 2018 22:45

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-B

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	17.5	26.3
87	11.8	11.3	16.9



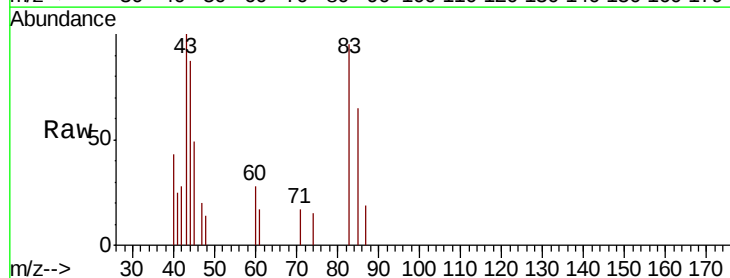
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



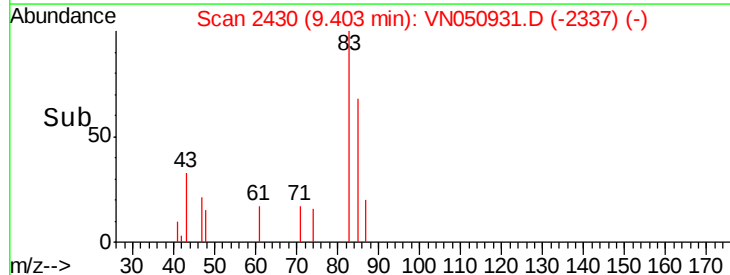
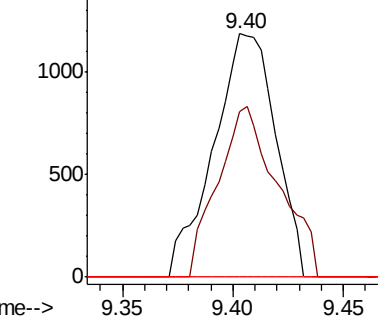
#47

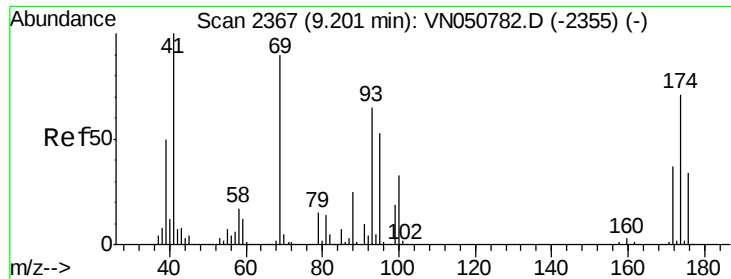
Bromodichloromethane
 Concen: 0.20 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VN050931.D
 Acq: 28 Aug 2018 22:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.2	52.6	78.8
127	0.0	7.2	10.8#



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

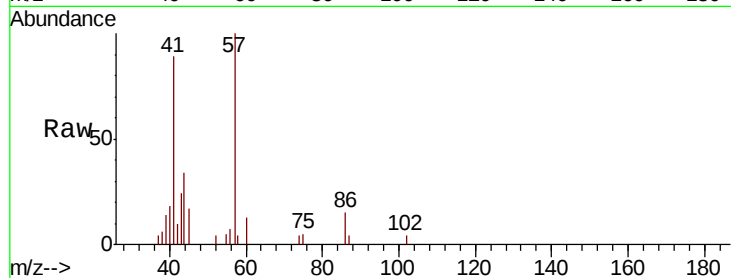




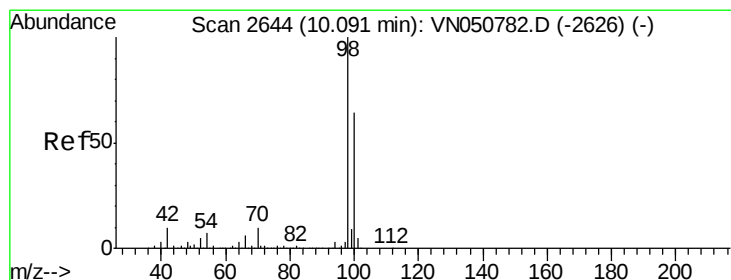
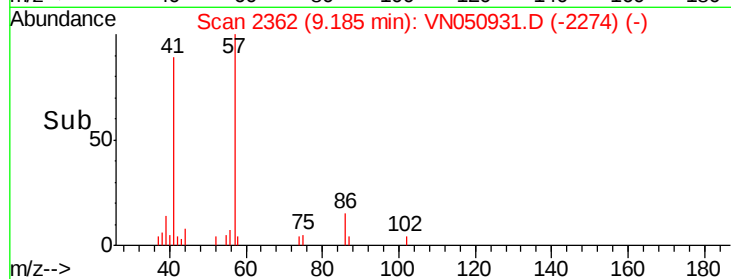
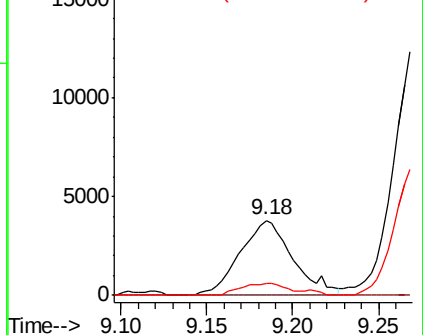
#48
Methvl methacrylate
Concen: 1.37 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-B

Tot Ion: 41 Resp: 8126
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 13.8 42.2 63.2#

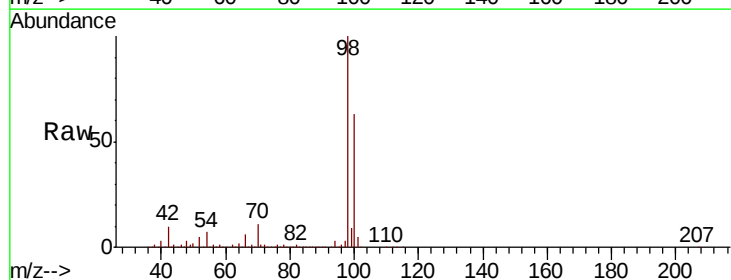


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

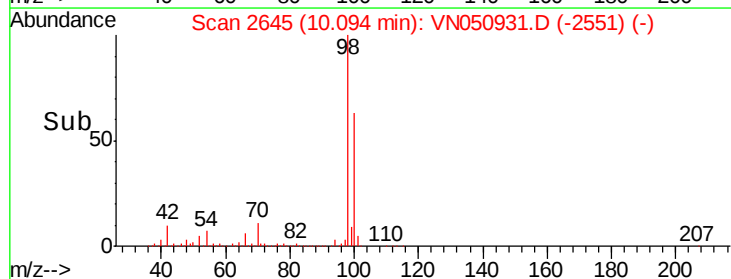
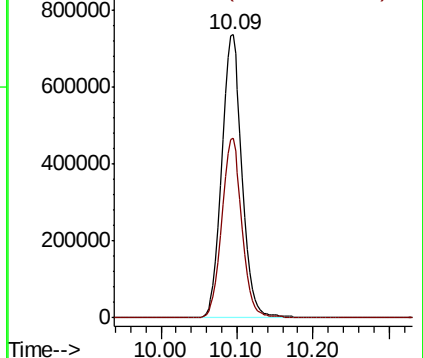


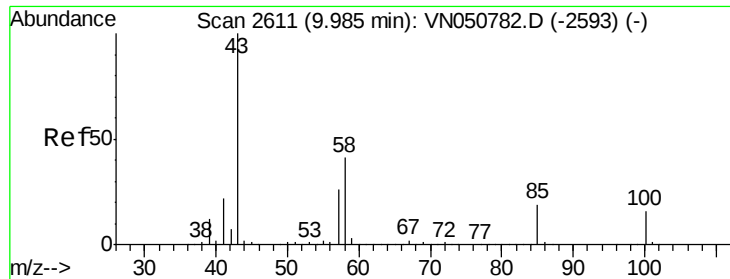
#50
Toluene-d8
Concen: 45.77 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Tgt Ion: 98 Resp: 1363687
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.30 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

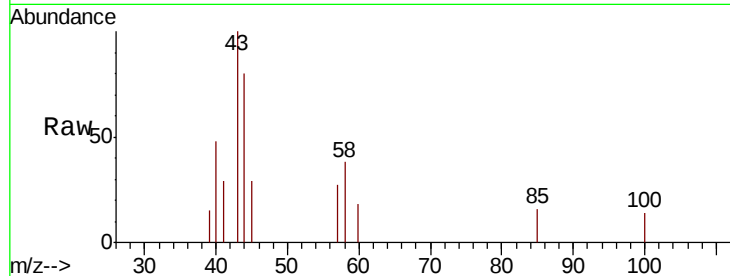
OR-01-082718-B

Tot Ion: 43 Resp: 2070

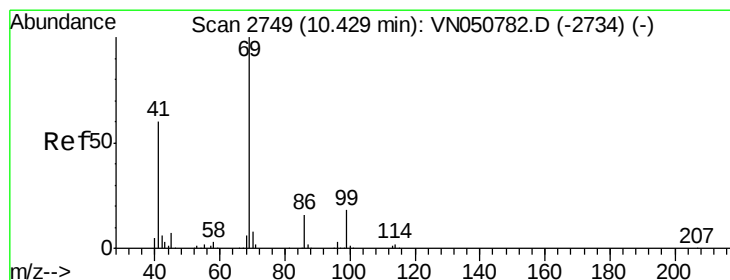
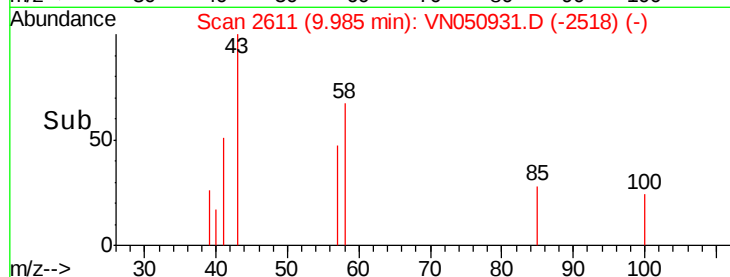
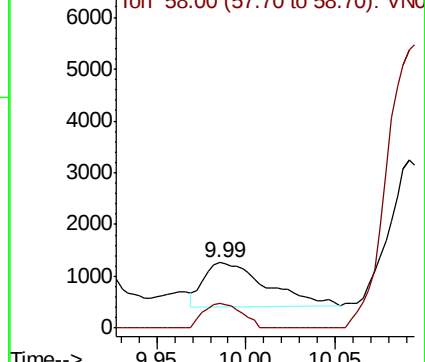
Ion Ratio Lower Upper

43 100

58 34.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2593) (-)



#56

Ethyl methacrylate

Concen: 2.40 ug/l

RT: 10.64 min Scan# 2815

Delta R.T. 0.21 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

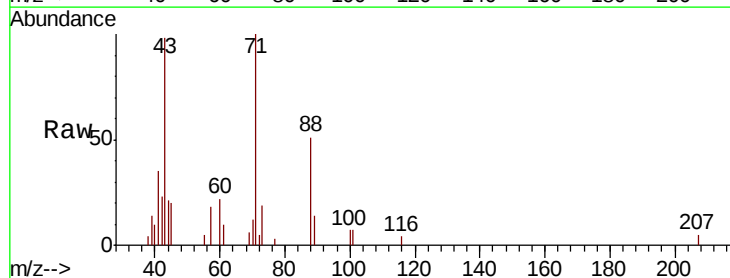
Tgt Ion: 69 Resp: 558

Ion Ratio Lower Upper

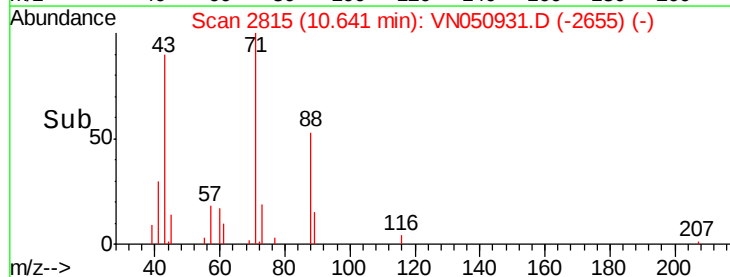
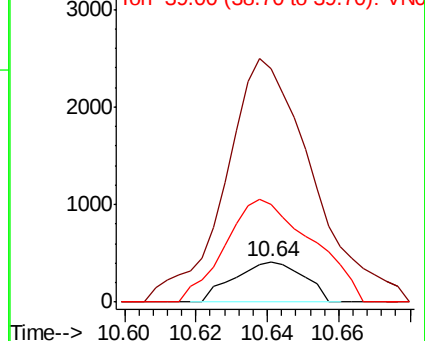
69 100

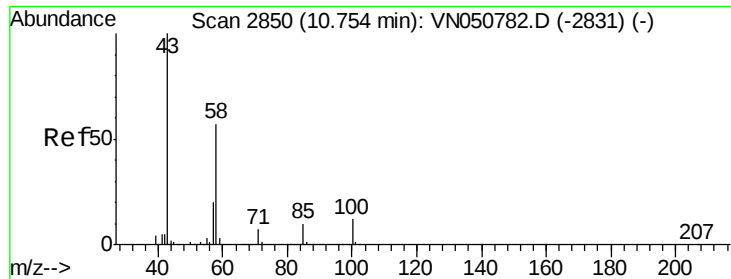
41 756.1 48.3 72.5#

39 317.6 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN050782.D (-2734) (-)





#59

2-Hexanone

Concen: 3.54 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

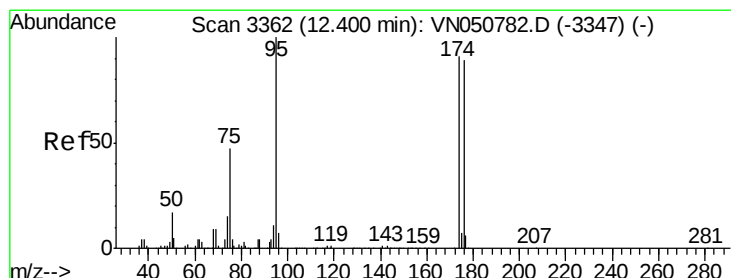
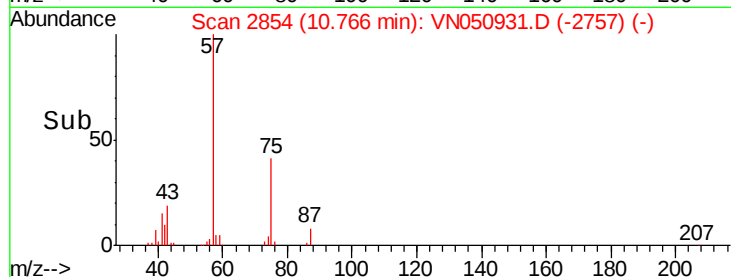
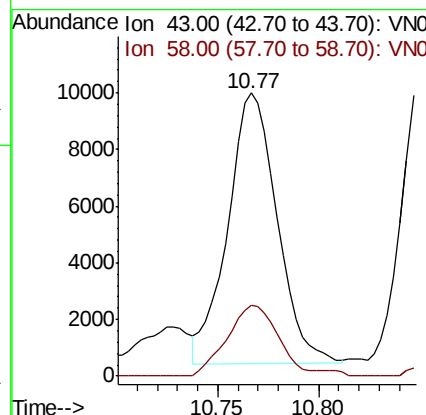
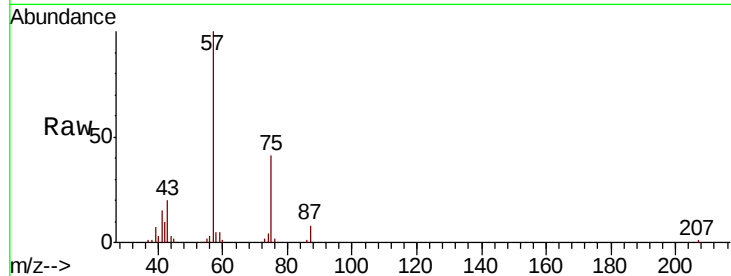
OR-01-082718-B

Tot Ion: 43 Resp: 16399

Ion Ratio Lower Upper

43 100

58 27.0 28.3 85.0#



#62

4-Bromofluorobenzene

Concen: 37.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

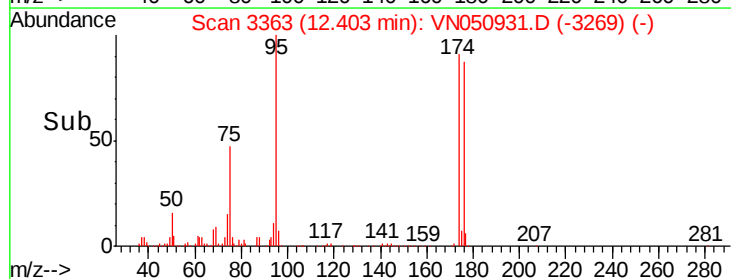
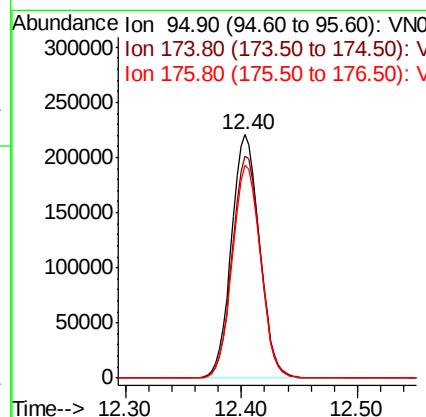
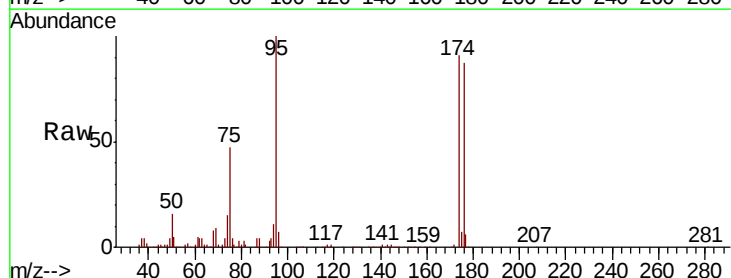
Tgt Ion: 95 Resp: 368827

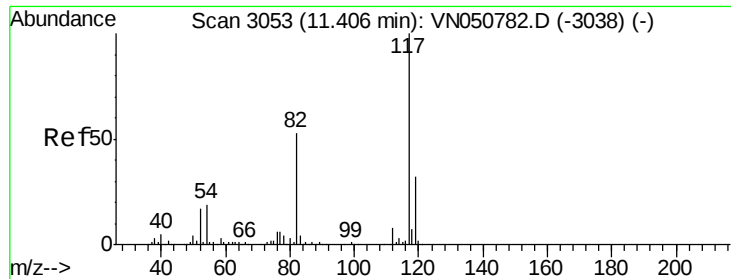
Ion Ratio Lower Upper

95 100

174 92.4 0.0 183.0

176 88.1 0.0 178.8

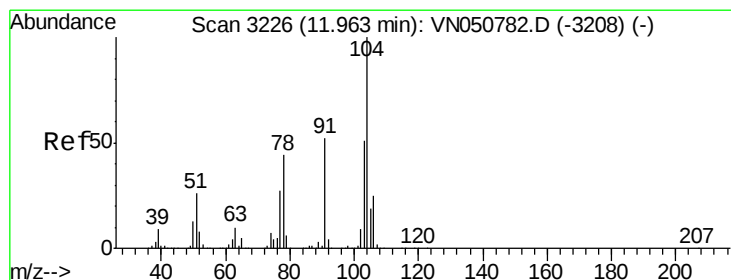
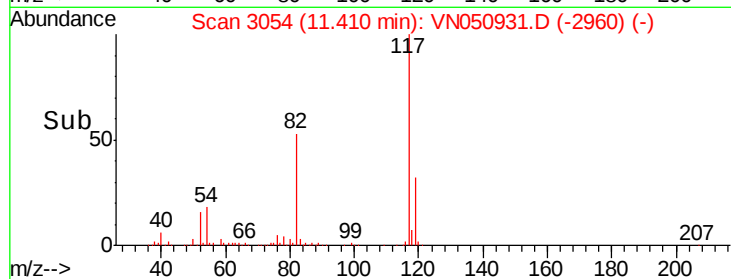
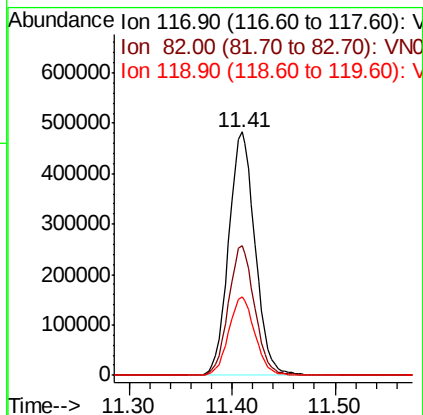
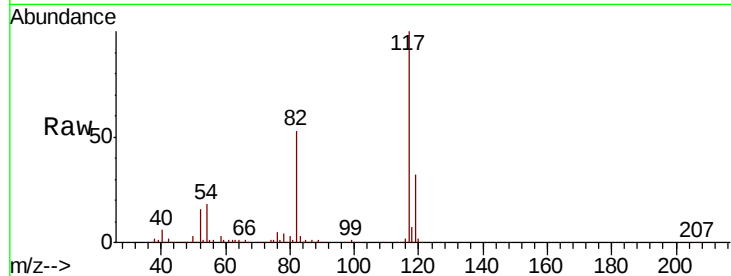




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

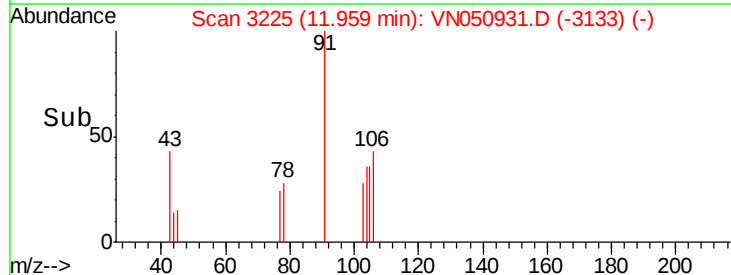
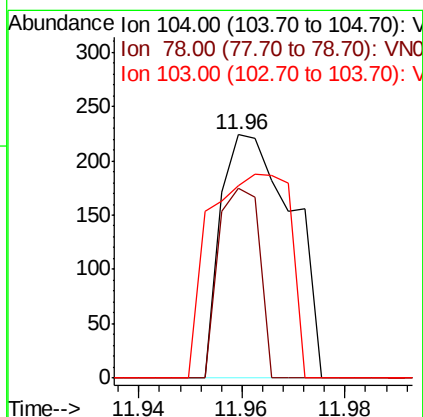
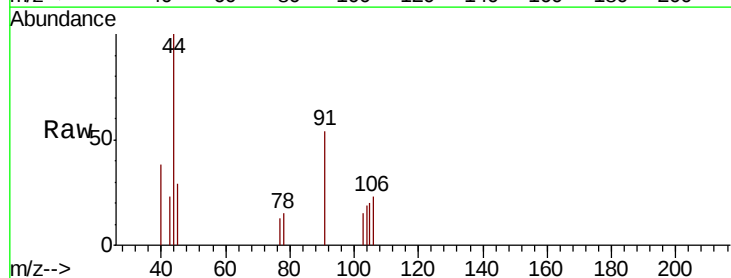
Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-B

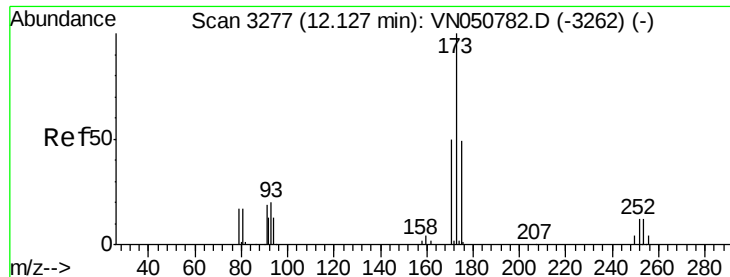
Tot Ion:117 Resp: 857956
Ion Ratio Lower Upper
117 100
82 53.5 42.6 64.0
119 32.1 25.8 38.6



#70
Styrene
Concen: 1.28 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Tgt Ion:104 Resp: 214
Ion Ratio Lower Upper
104 100
78 44.4 38.2 57.4
103 94.4 44.4 66.6#





#71

Bromoform

Concen: 0.20 ug/l

RT: 12.40 min Scan# 3361

Delta R.T. 0.27 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

OR-01-082718-B

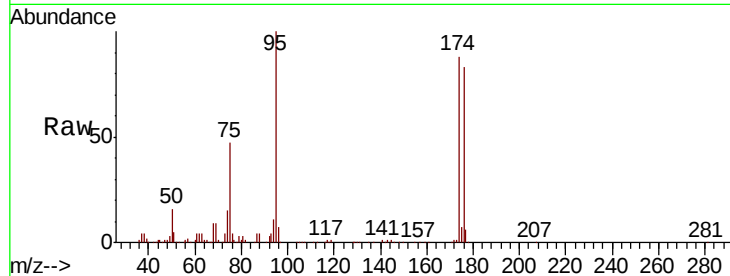
Tot Ion:173 Resp: 1156

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.4#

254 0.0 0.1 0.1#

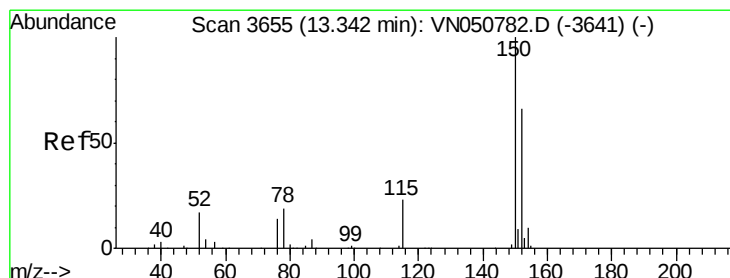
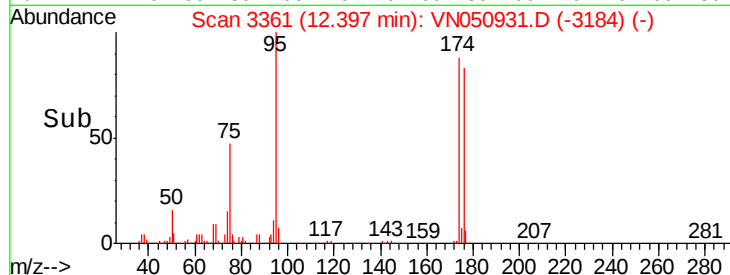
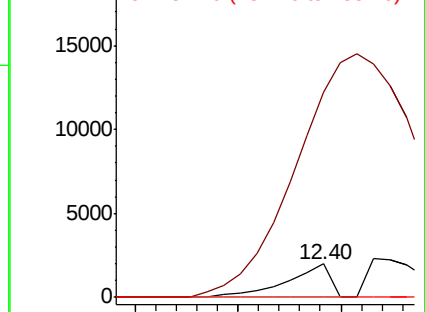


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN050931.D

Acq: 28 Aug 2018 22:45

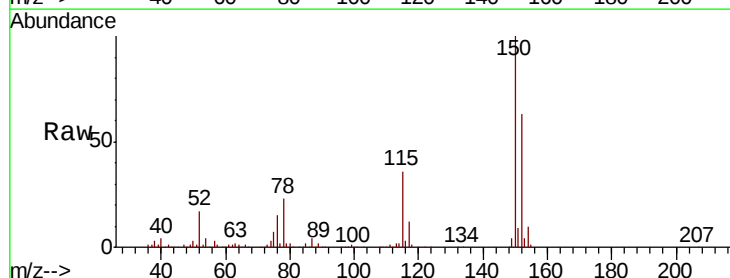
Tgt Ion:152 Resp: 288319

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

150 157.0 0.0 351.4

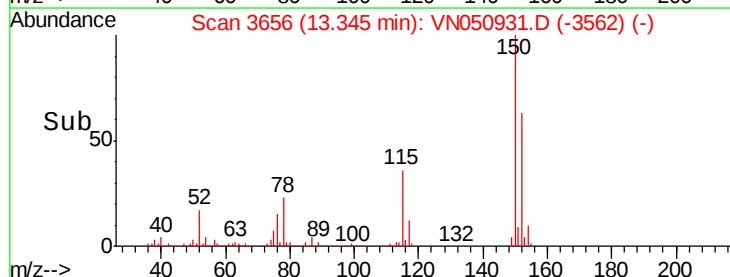
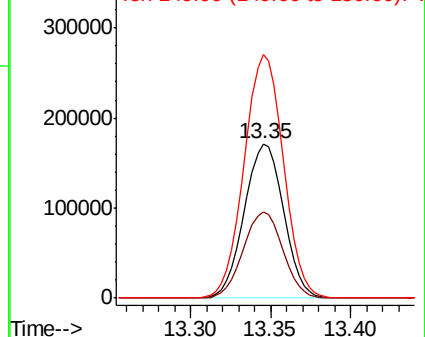


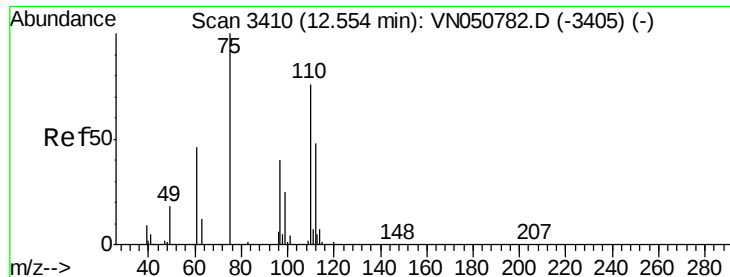
Abundance

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: 34.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

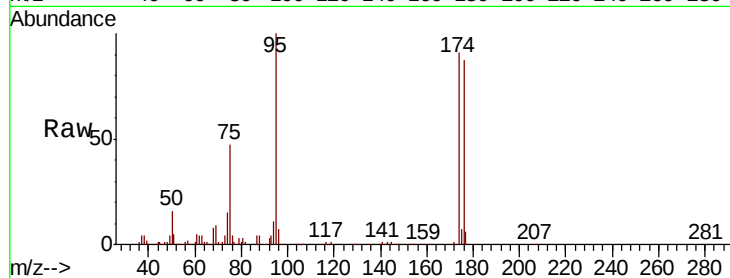
OR-01-082718-B

Tot Ion: 75 Resp: 174752

Ion Ratio Lower Upper

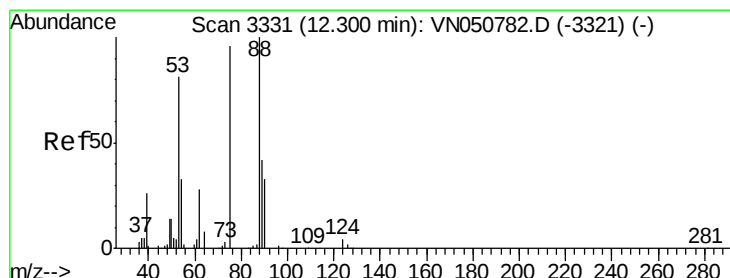
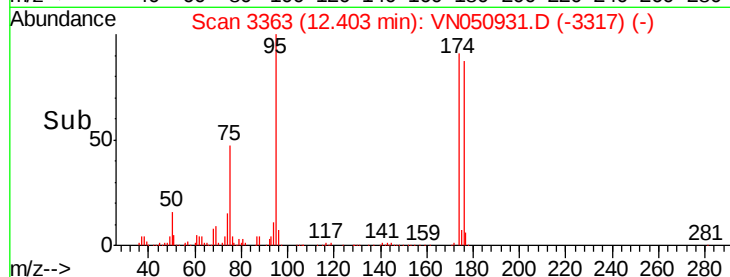
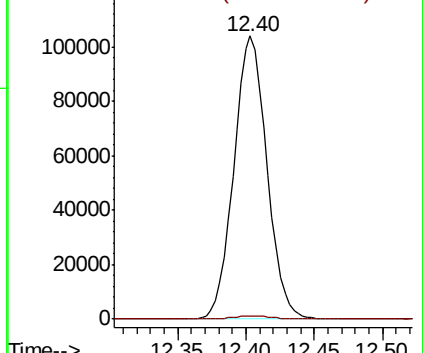
75 100

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: 116.98 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

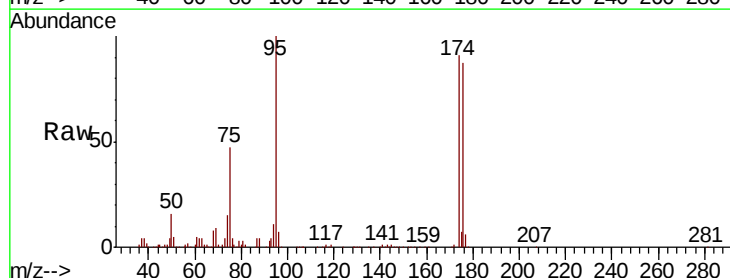
Tgt Ion: 75 Resp: 174752

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

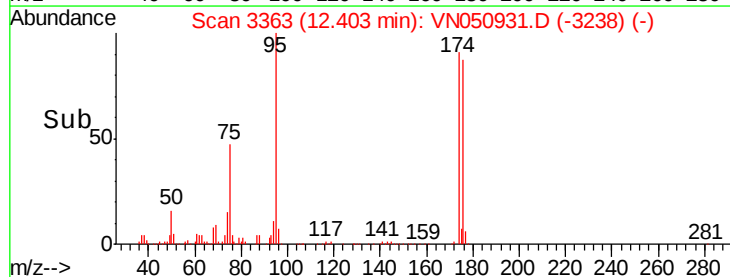
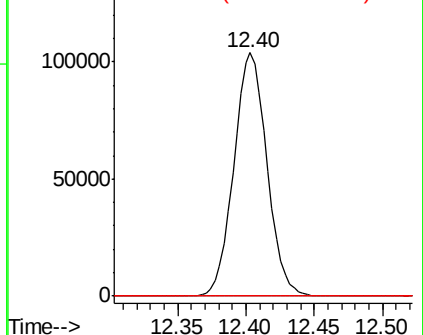
89 0.0 36.1 54.1#

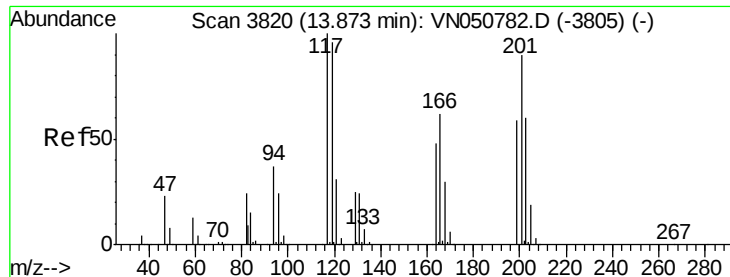


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#90

Hexachloroethane

Concen: 0.28 ug/l

RT: 14.00 min Scan# 3860

Delta R.T. 0.13 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

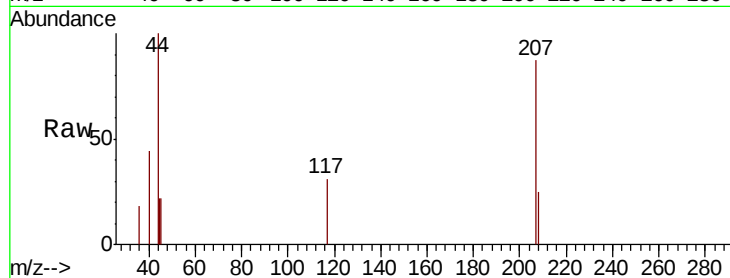
OR-01-082718-B

Tot Ion:117 Resp: 338

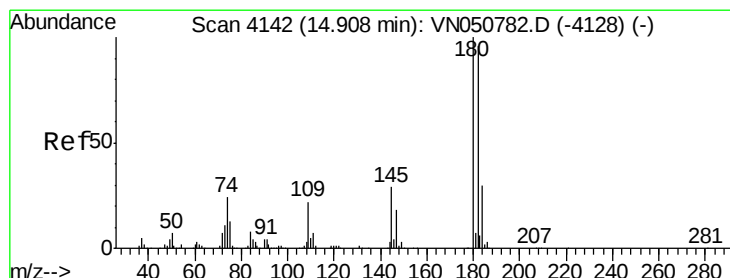
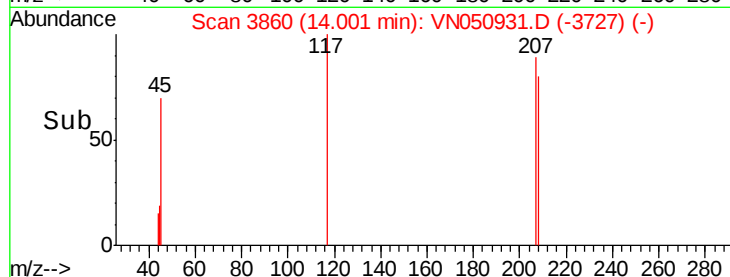
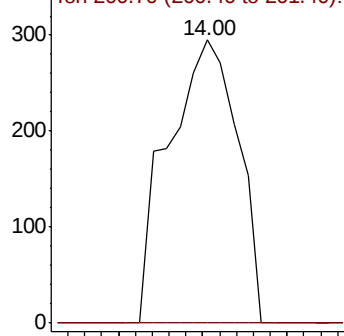
Ion Ratio Lower Upper

117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V



#93

1,2,4-Trichlorobenzene

Concen: 4.10 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.01 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

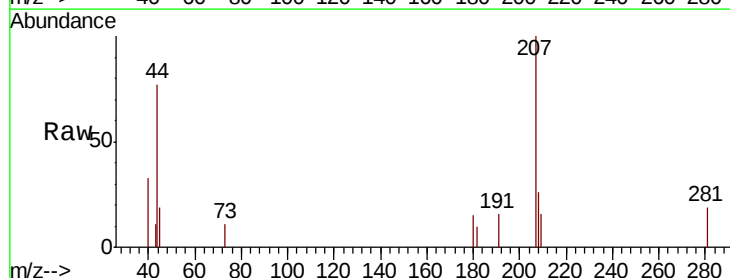
Tgt Ion:180 Resp: 118

Ion Ratio Lower Upper

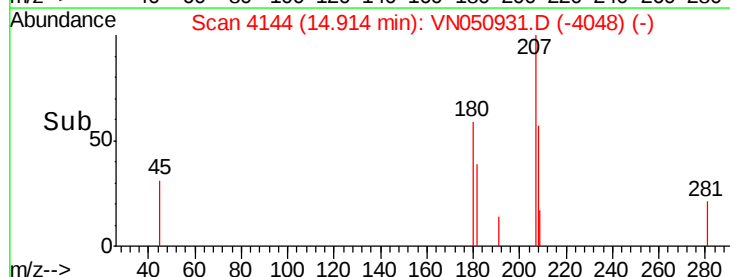
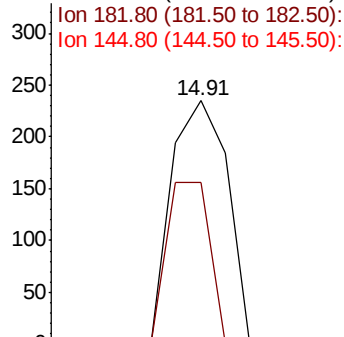
180 100

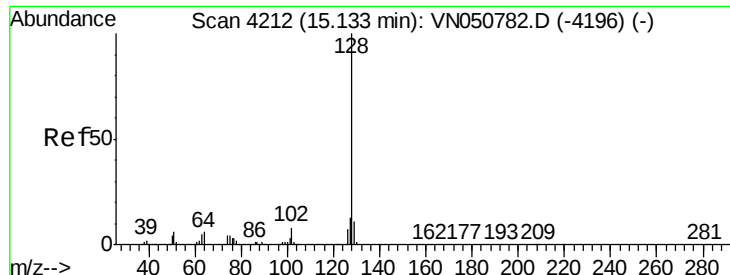
182 50.8 48.2 144.6

145 0.0 14.1 42.2#



Abundance Ion 179.80 (179.50 to 180.50): V





#95
Naphthalene
Concen: 6.40 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.5	15.7
129	11.5	8.7	13.1

