

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050859.D
 Acq On : 23 Aug 2018 17:50
 Operator : MD\SY
 Sample : J4510-01DL2 100X
 Misc : 6.99g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 01:13:46 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	671778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1049047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	936251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	354888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	420230	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
35) Dibromofluoromethane	7.59	113	393855	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	10.09	98	1460963	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
62) 4-Bromofluorobenzene	12.40	95	455436	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2664	0.24	ug/l	95
5) Bromomethane	2.57	94	3499	Below	Cal	# 80
10) Methyl Iodide	3.96	142	417	6.39	ug/l	# 84
11) Tert butyl alcohol	4.75	59	496	0.96	ug/l	# 72
16) Acetone	3.83	43	2324	Below	Cal	# 73
18) Methyl Acetate	4.34	43	9782	1.28	ug/l	94
29) Tetrahydrofuran	7.22	42	984	0.53	ug/l	# 49
31) Cyclohexane	7.67	56	11791	1.32	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	45059	3.64	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	57757	4.62	ug/l	# 16
43) Isopropyl Acetate	8.26	43	55796	4.56	ug/l	# 58
55) 1,1,2-Trichloroethane	10.53	97	3643	0.44	ug/l	# 21
56) Ethyl methacrylate	10.43	69	1347	2.47	ug/l	# 1
59) 2-Hexanone	10.72	43	21299	4.39	ug/l	# 28
67) Ethyl Benzene	11.51	91	21254	0.53	ug/l	94
68) m/p-Xylenes	11.62	106	105879	7.01	ug/l	98
69) o-Xylene	11.95	106	71342	4.91	ug/l	99
70) Styrene	11.95	104	5619	1.48	ug/l	# 1
73) Isopropylbenzene	12.25	105	49860	1.70	ug/l	100
74) N-amyl acetate	12.05	43	99793	13.52	ug/l	# 62
75) 1,1,2,2-Tetrachloroethane	12.45	83	10719	Below	Cal	# 90
76) 1,2,3-Trichloropropane	12.40	75	213382	34.33	ug/l	# 100
78) n-propylbenzene	12.59	91	122251	3.72	ug/l	98
79) 2-Chlorotoluene	12.65	91	52754	2.58	ug/l	# 39
80) 1,3,5-Trimethylbenzene	12.73	105	396881	16.74	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	213382	116.05	ug/l	# 15
82) 4-Chlorotoluene	12.73	91	37443	1.85	ug/l	# 51
83) tert-Butylbenzene	12.99	119	14085	0.69	ug/l	87
84) 1,2,4-Trimethylbenzene	13.04	105	993385	41.65	ug/l	99
85) sec-Butylbenzene	13.17	105	96906	3.60	ug/l	78
86) p-Isopropyltoluene	13.29	119	61164	2.67	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2981	0.22	ug/l	# 1
89) n-Butylbenzene	13.62	91	68550	3.74	ug/l	# 74
90) Hexachloroethane	13.89	117	14509	3.49	ug/l	# 4

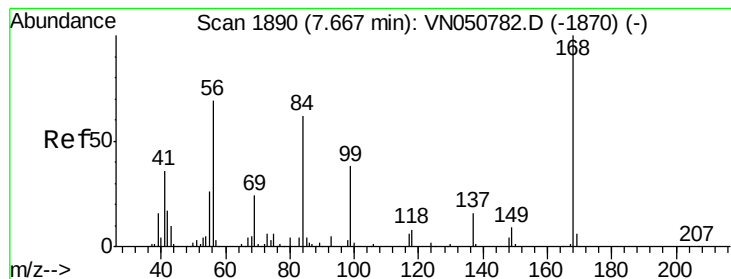
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082318\
Data File : VN050859.D
Acq On : 23 Aug 2018 17:50
Operator : MD\SY
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1212	1.15	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	3748	4.59	ug/l #	33
94) Hexachlorobutadiene	15.01	225	2302	Below Cal		92
95) Naphthalene	15.13	128	28735	7.21	ug/l	95
96) 1,2,3-Trichlorobenzene	15.32	180	3814	3.85	ug/l #	65

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

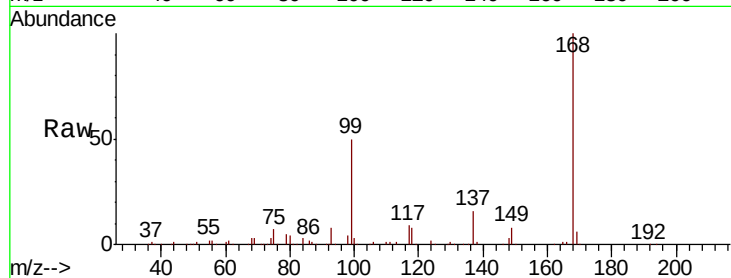
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 671778

Ion Ratio Lower Upper

168 100

99 50.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

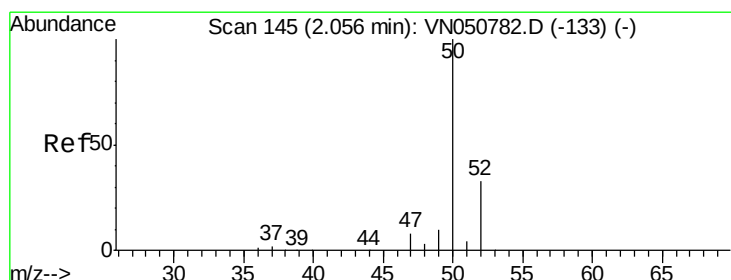
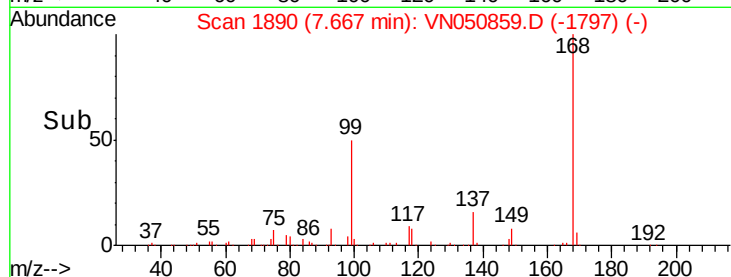
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050859.D

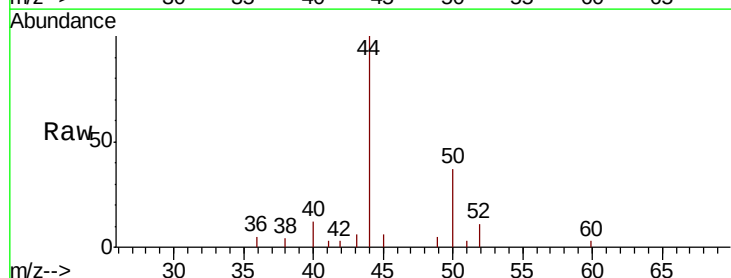
Acq: 23 Aug 2018 17:50

Tgt Ion: 50 Resp: 2664

Ion Ratio Lower Upper

50 100

52 30.2 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2500

2000

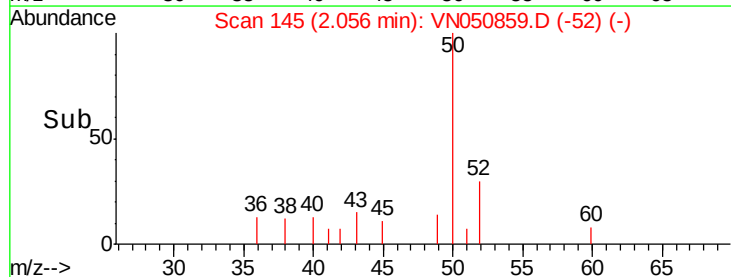
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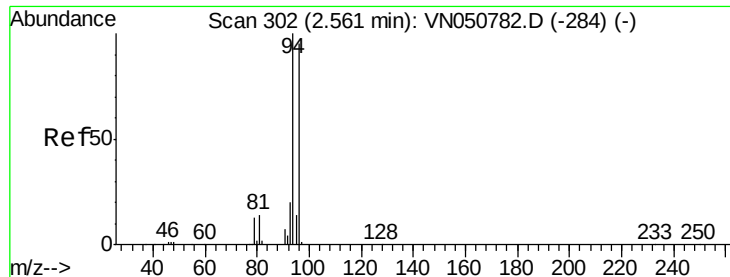
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

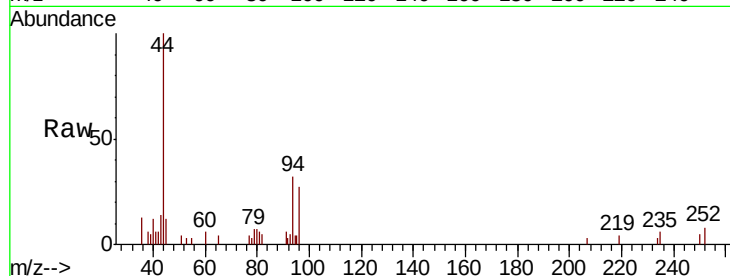
ClientSampleId :

Tot Ion: 94 Resp: 3499

Ion Ratio Lower Upper

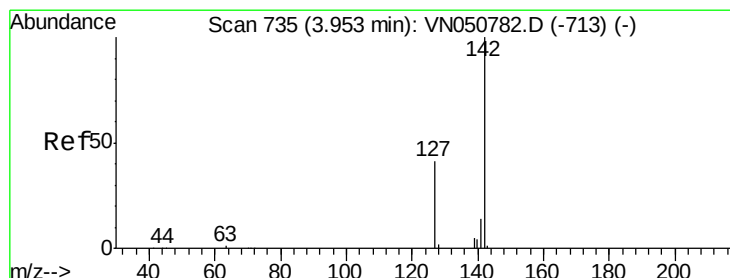
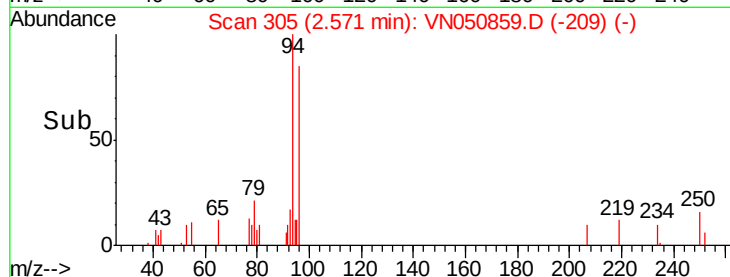
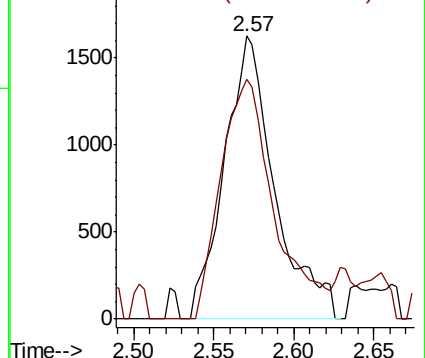
94 100

96 75.8 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 6.39 ug/l

RT: 3.96 min Scan# 738

Delta R.T. 0.01 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

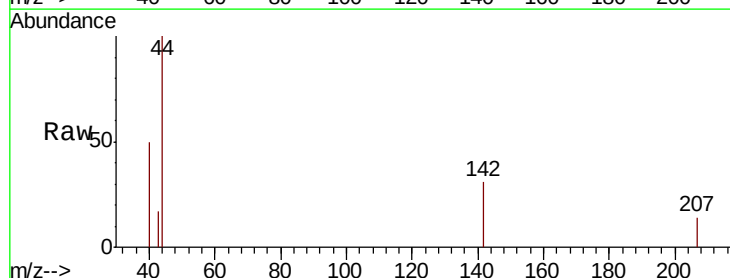
Tgt Ion: 142 Resp: 417

Ion Ratio Lower Upper

142 100

127 33.8 31.7 47.5

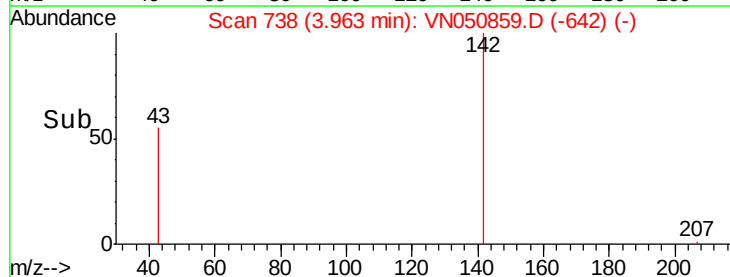
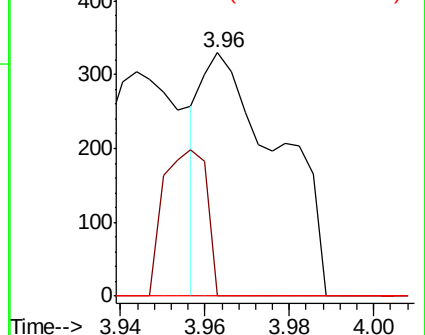
141 0.0 11.4 17.0#

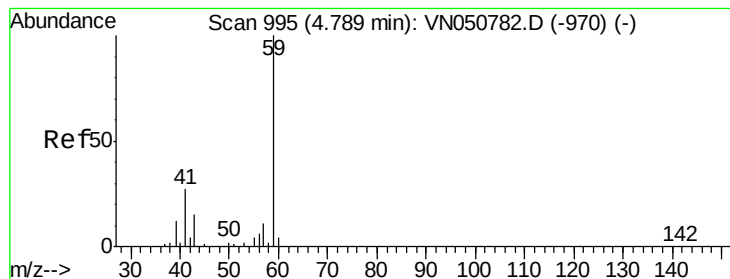


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



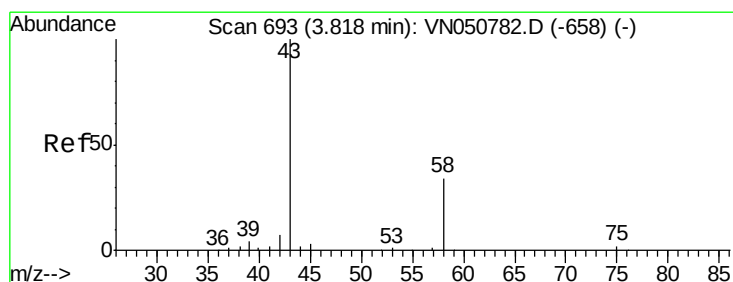
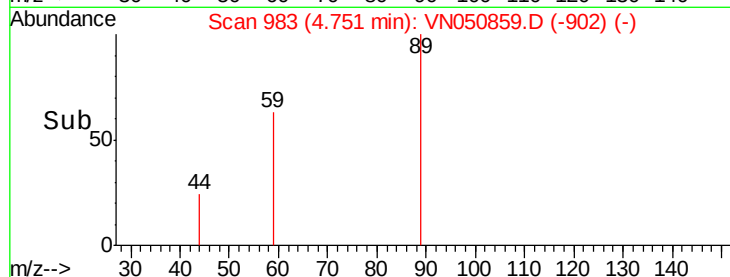
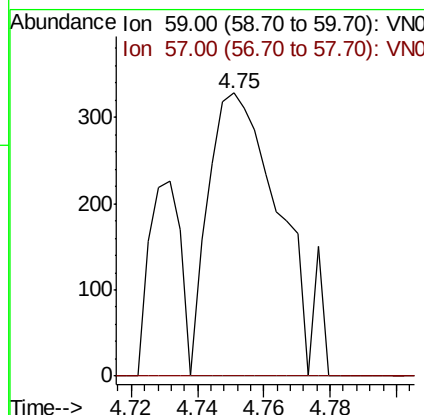
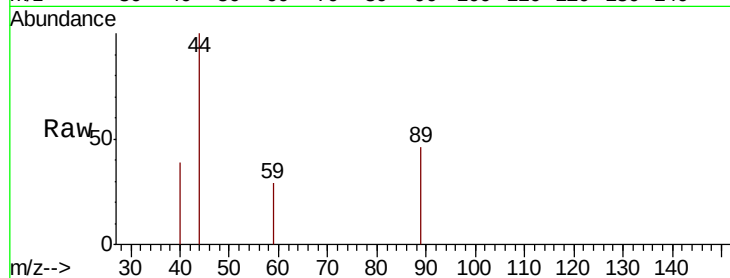


#11

Tert butyl alcohol
 Concen: 0.96 ug/l
 RT: 4.75 min Scan# 983
 Delta R.T. -0.04 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

Instrument :
 MSVOA_N
 ClientSampled :

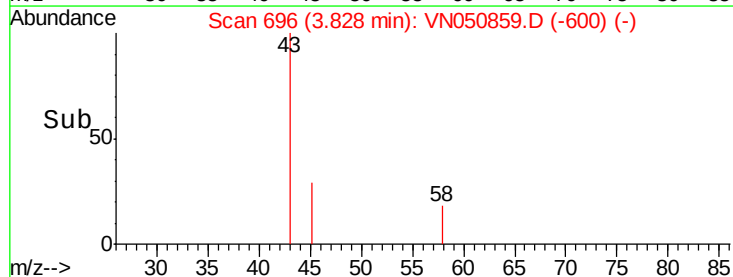
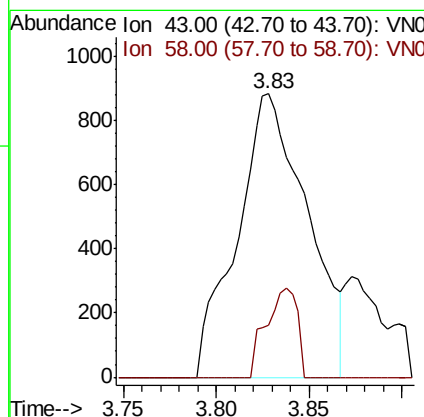
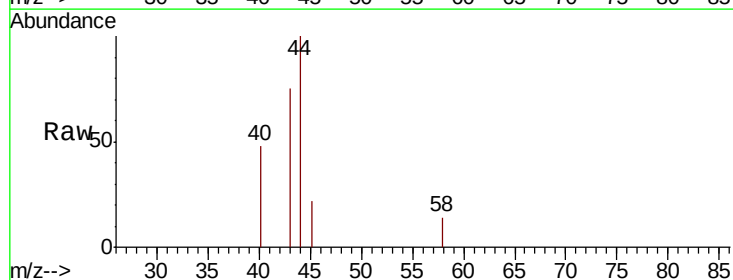
Tot Ion: 59 Resp: 496
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

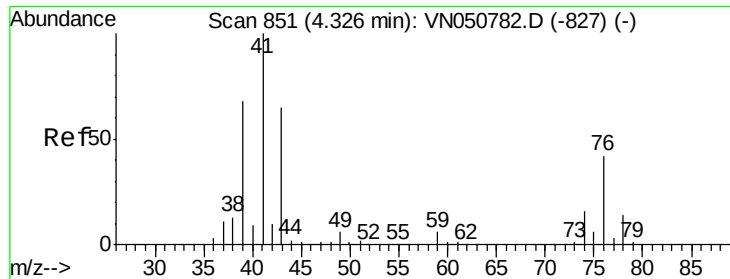


#16

Acetone
 Concen: Below Cal
 RT: 3.83 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

Tgt Ion: 43 Resp: 2324
 Ion Ratio Lower Upper
 43 100
 58 18.5 27.2 40.8#

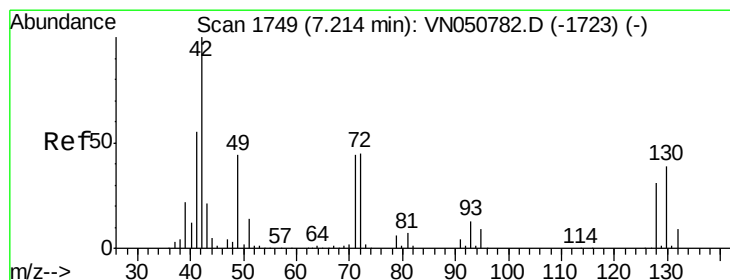
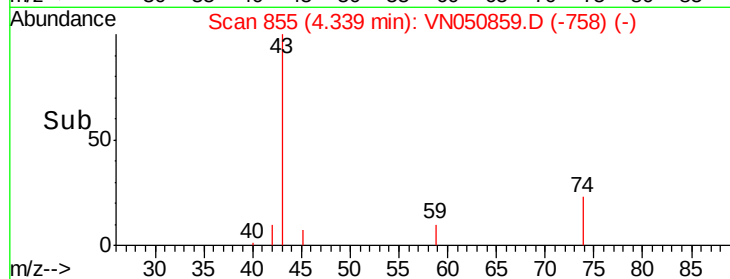
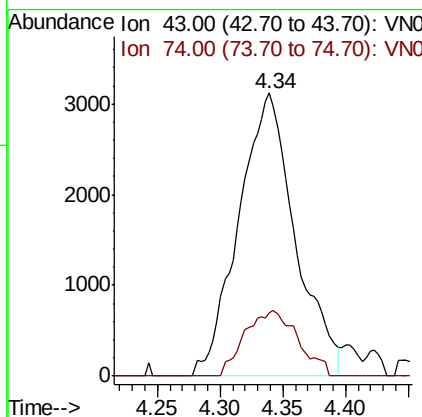
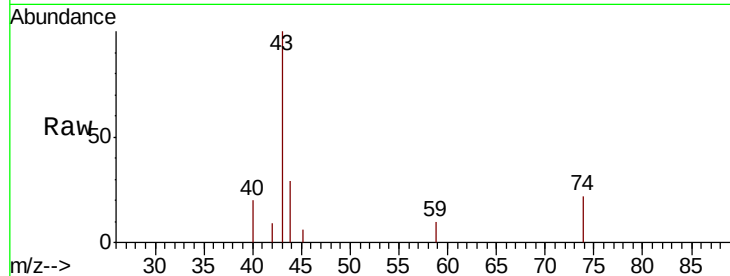




#18
Methvl Acetate
Concen: 1.28 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

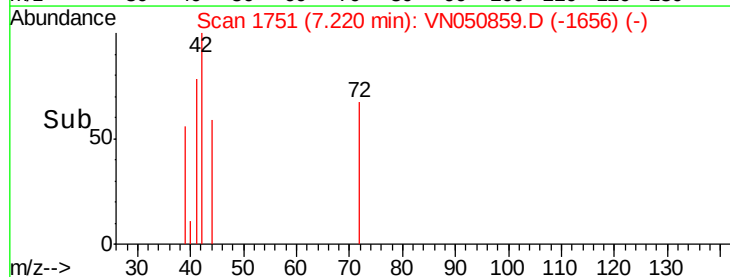
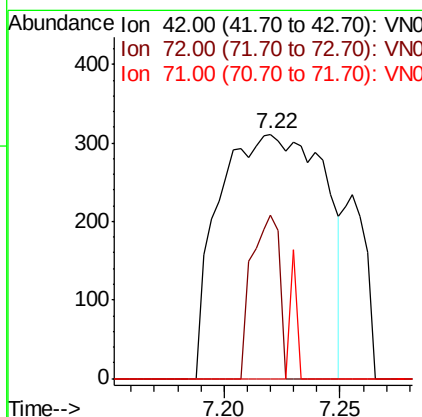
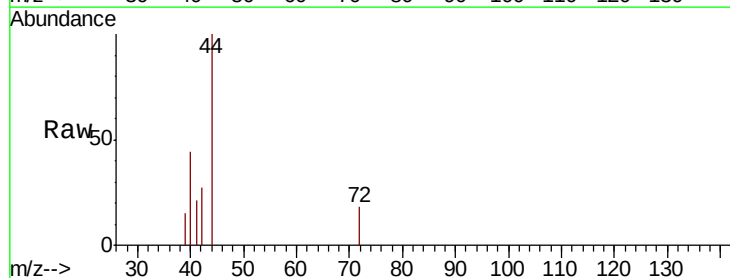
Instrument :
MSVOA_N
ClientSampled :

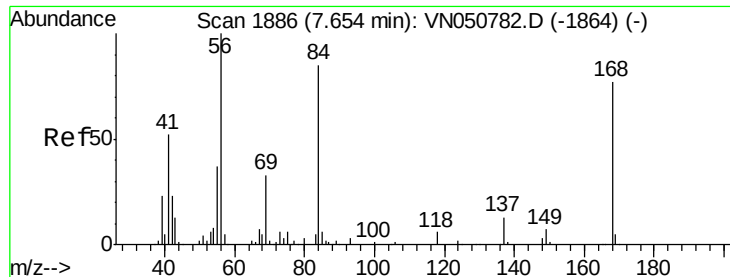
Tot Ion: 43 Resp: 9782
Ion Ratio Lower Upper
43 100
74 21.8 19.8 29.8



#29
Tetrahydrofuran
Concen: 0.53 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

Tgt Ion: 42 Resp: 984
Ion Ratio Lower Upper
42 100
72 17.7 35.5 53.3#
71 3.3 33.7 50.5#

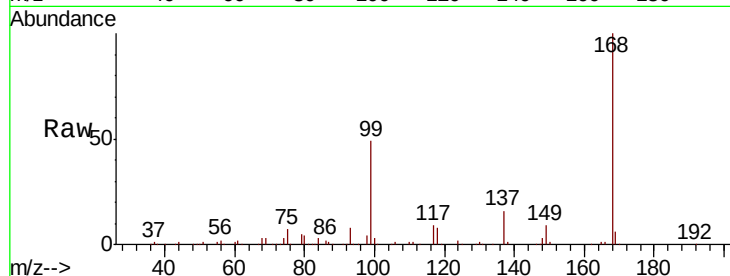




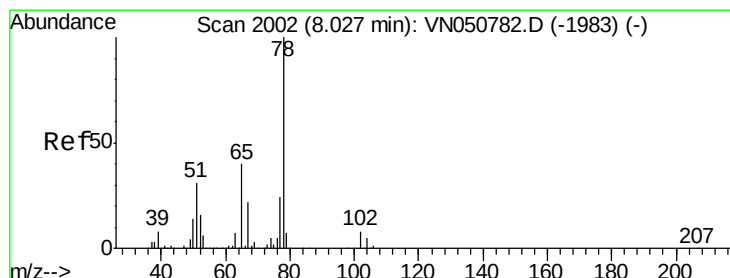
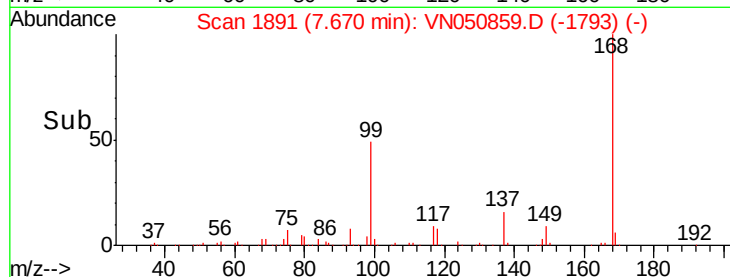
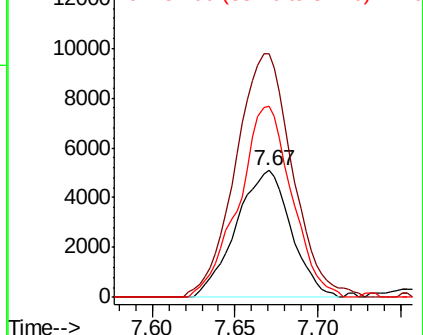
#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 11791
Ion Ratio Lower Upper
56 100
69 188.1 26.2 39.4#
84 150.9 68.3 102.5#

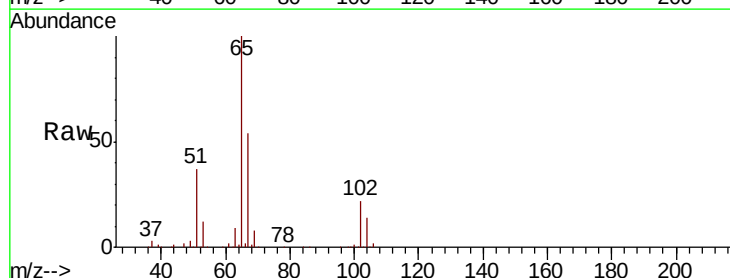


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

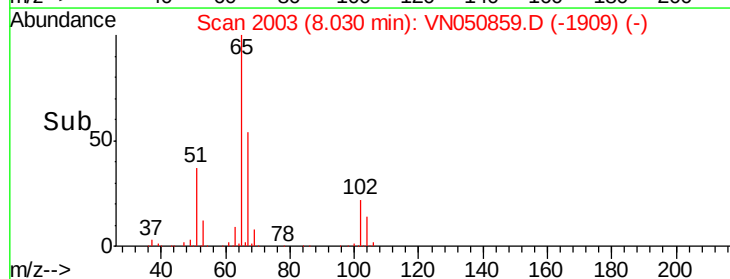
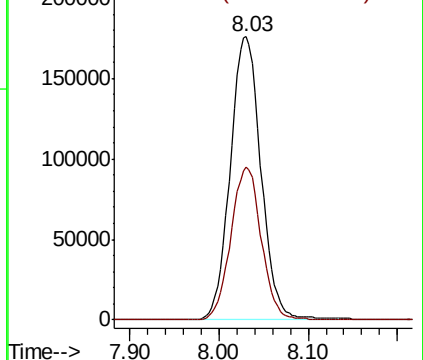


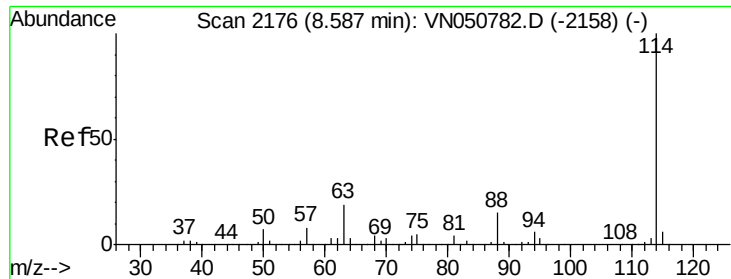
#33
1,2-Dichloroethane-d4
Concen: 51.96 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

Tgt Ion: 65 Resp: 420230
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

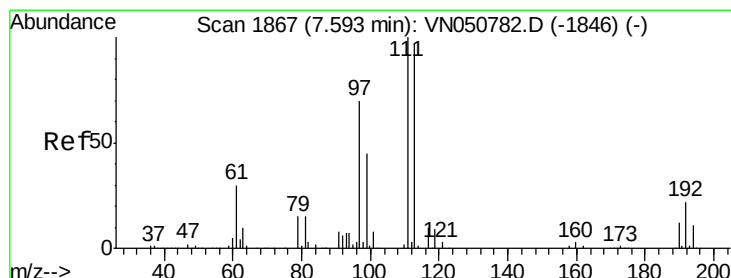
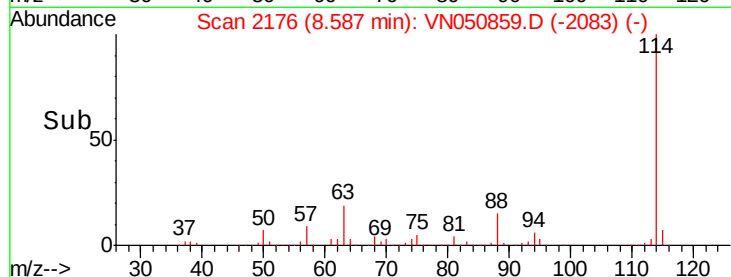
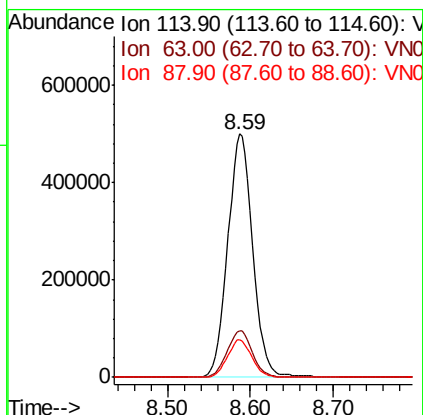
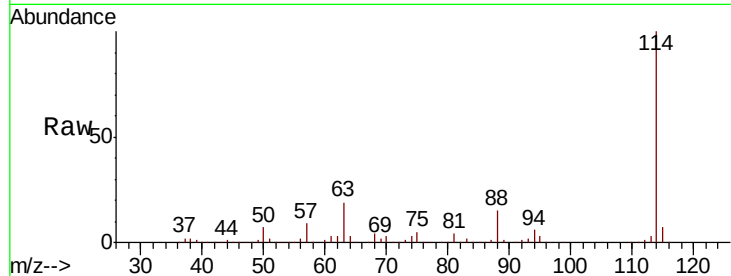




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

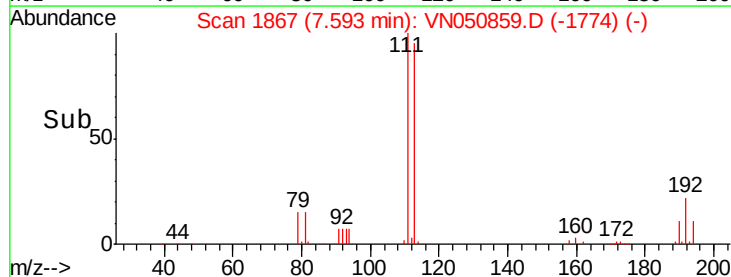
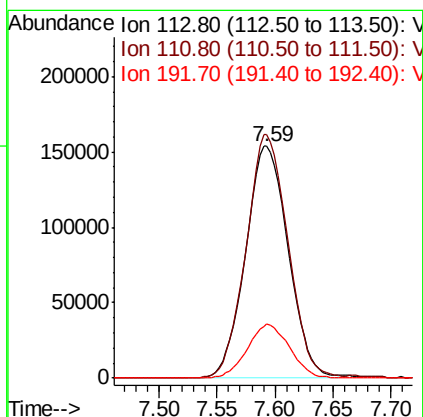
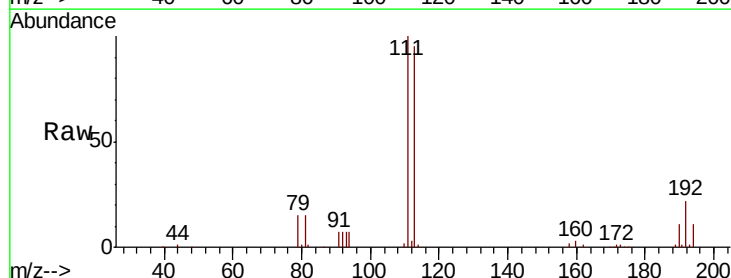
Instrument :
 MSVOA_N
 ClientSampleId :

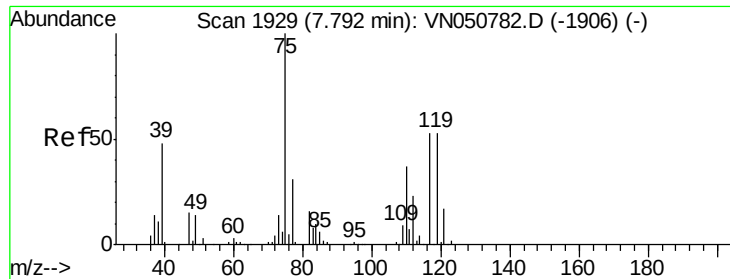
Tot Ion:114 Resp: 1049047
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.4 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 47.19 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

Tgt Ion:113 Resp: 393855
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 23.1 18.0 27.0





#36

1,1-Dichloropropene

Concen: 3.64 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

ClientSampled :

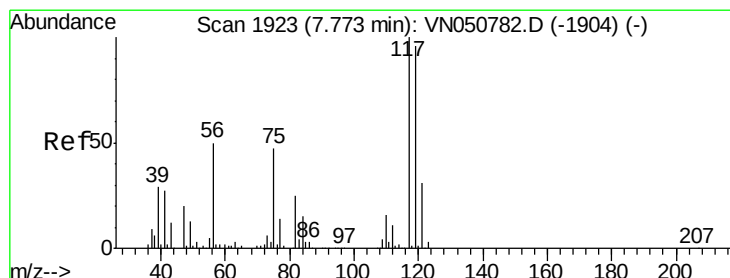
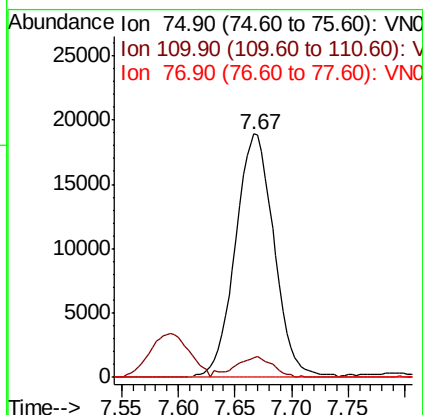
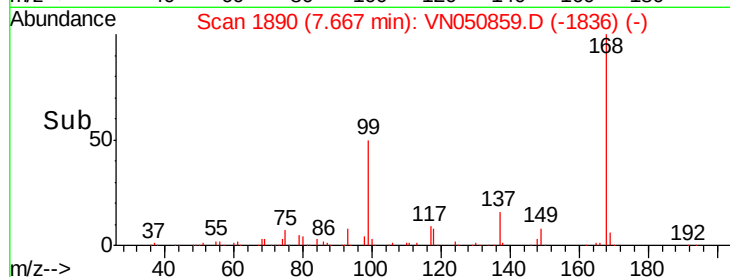
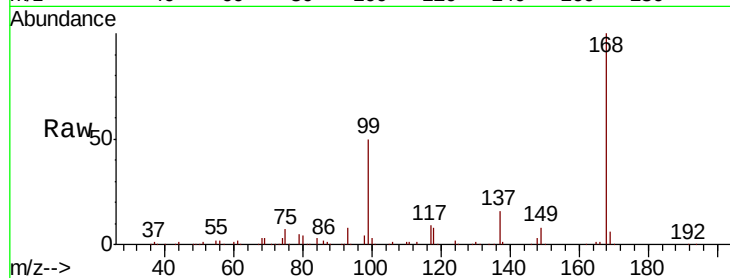
Tot Ion: 75 Resp: 45059

Ion Ratio Lower Upper

75 100

110 7.6 18.1 54.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 4.62 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

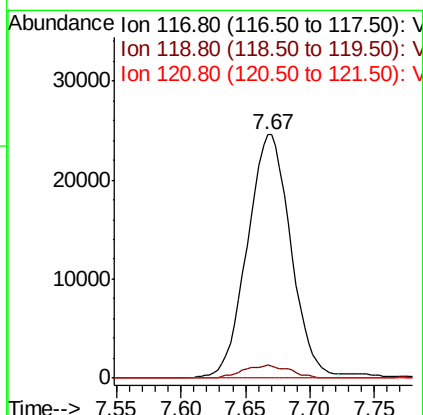
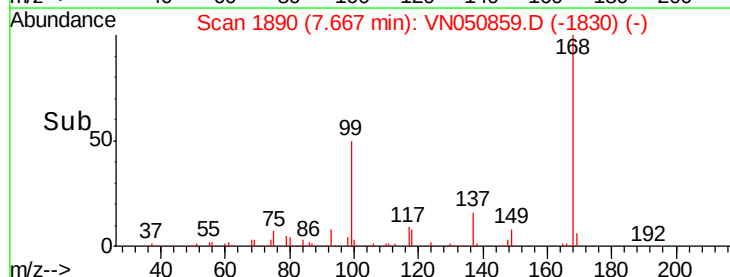
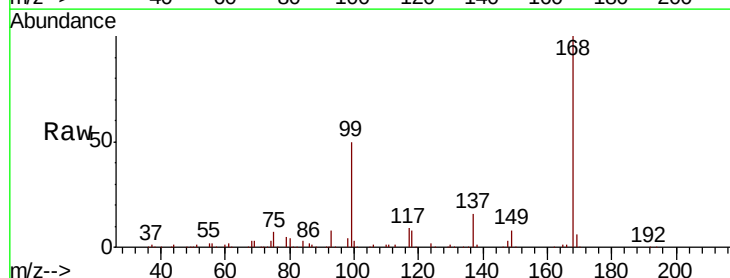
Tgt Ion: 117 Resp: 57757

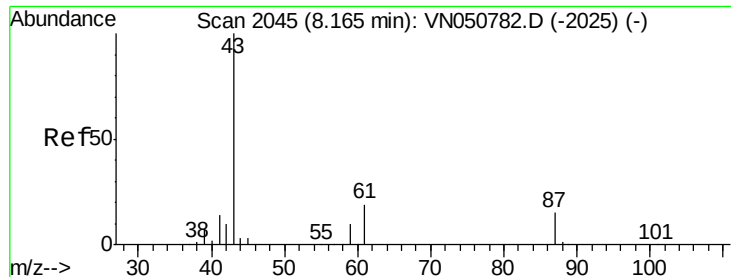
Ion Ratio Lower Upper

117 100

119 5.2 76.3 114.5#

121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 4.56 ug/l

RT: 8.26 min Scan# 2075

Delta R.T. 0.10 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

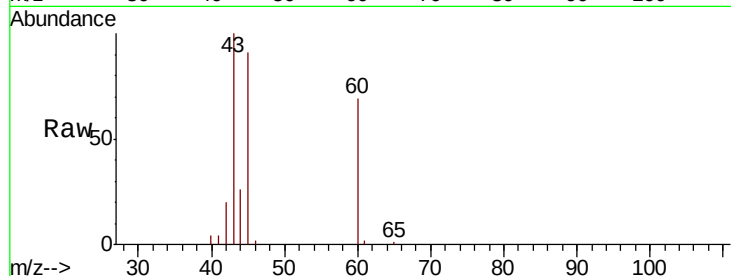
Tot Ion: 43 Resp: 55796

Ion Ratio Lower Upper

43 100

61 0.0 17.5 26.3#

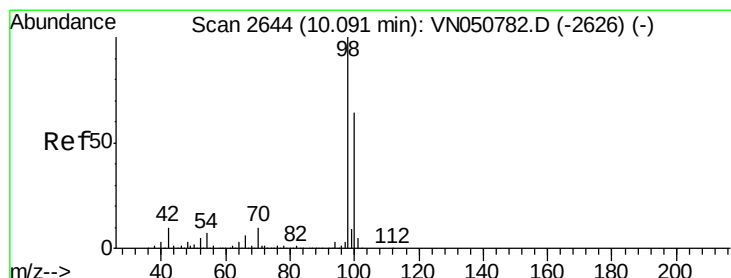
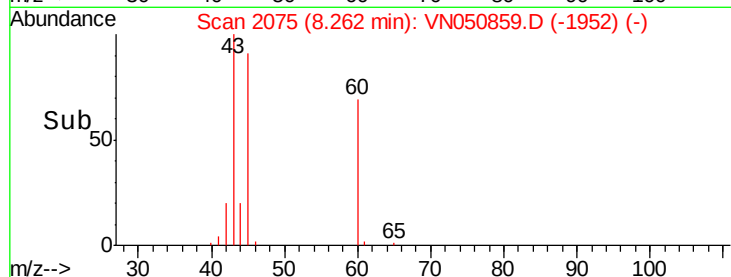
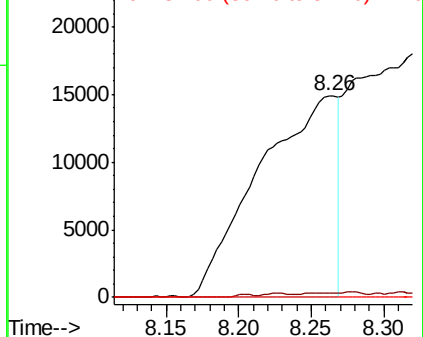
87 0.0 11.3 16.9#



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



#50

Toluene-d8

Concen: 46.82 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050859.D

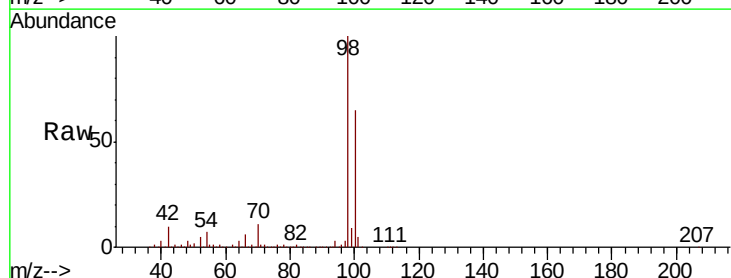
Acq: 23 Aug 2018 17:50

Tgt Ion: 98 Resp: 1460963

Ion Ratio Lower Upper

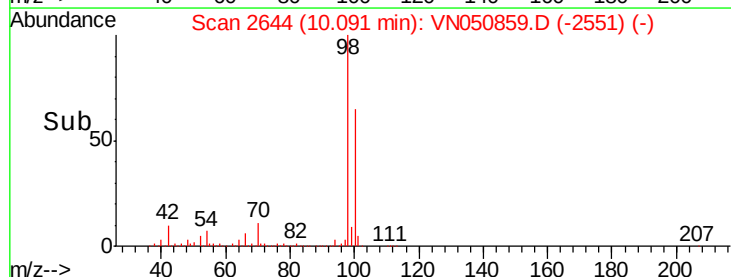
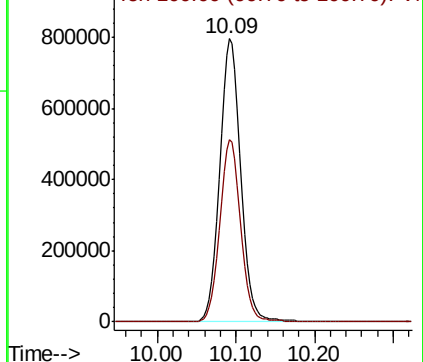
98 100

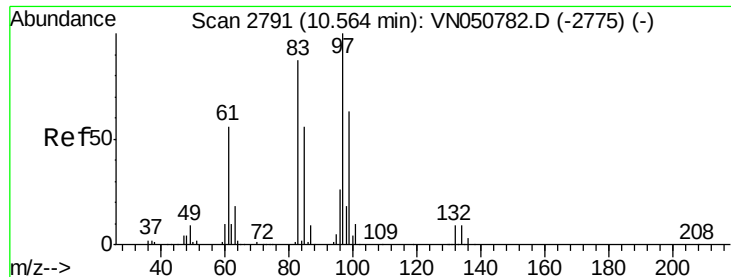
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

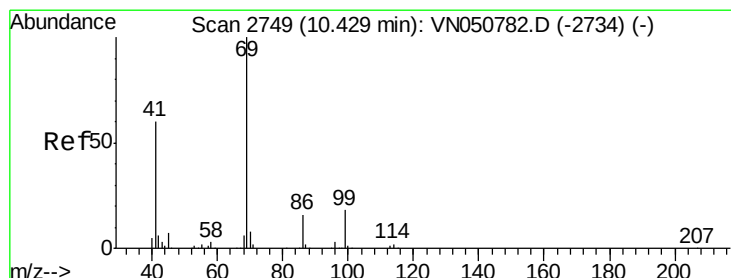
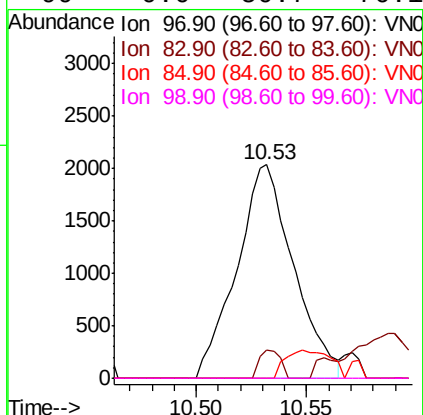
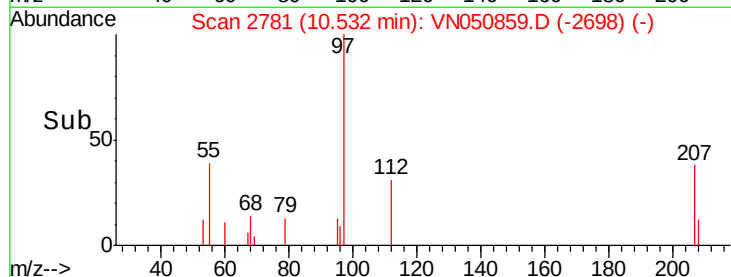
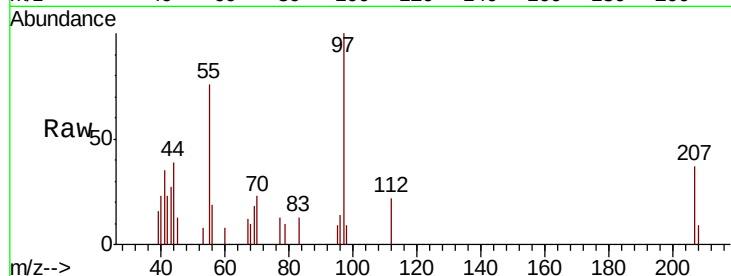




#55
 1,1,2-Trichloroethane
 Concen: 0.44 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. -0.03 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

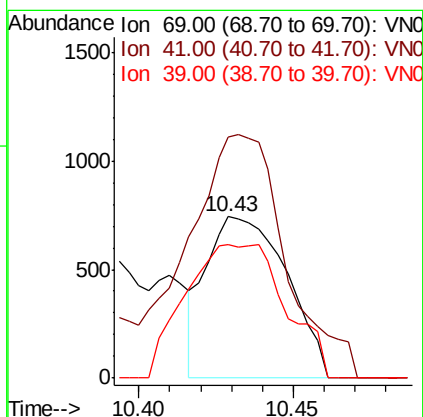
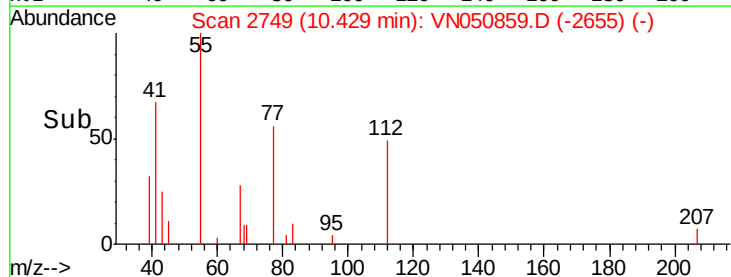
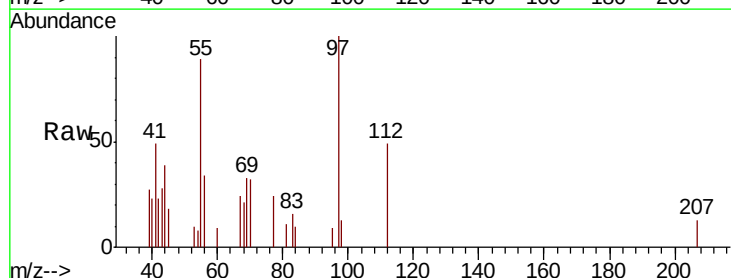
Instrument :
 MSVOA_N
 ClientSampled :

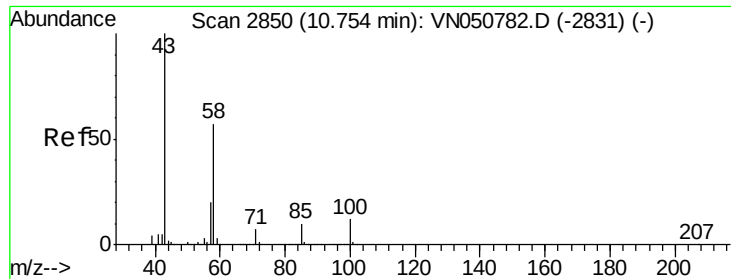
Tot Ion: 97 Resp: 3643
 Ion Ratio Lower Upper
 97 100
 83 13.2 69.7 104.5#
 85 0.0 44.5 66.7#
 99 0.0 50.7 76.1#



#56
 Ethyl methacrylate
 Concen: 2.47 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

Tgt Ion: 69 Resp: 1347
 Ion Ratio Lower Upper
 69 100
 41 183.3 48.3 72.5#
 39 103.0 24.0 36.0#

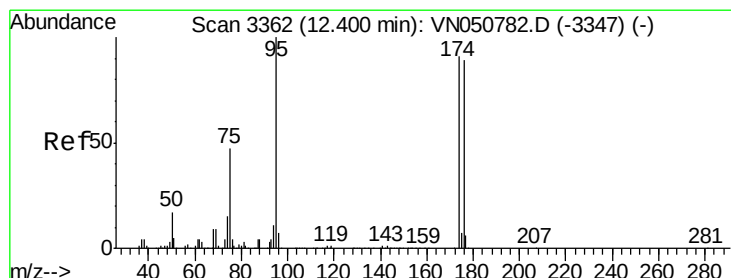
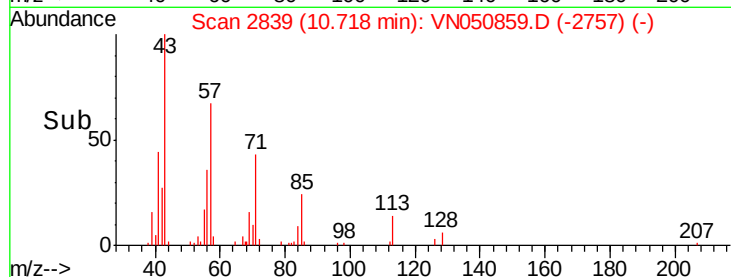
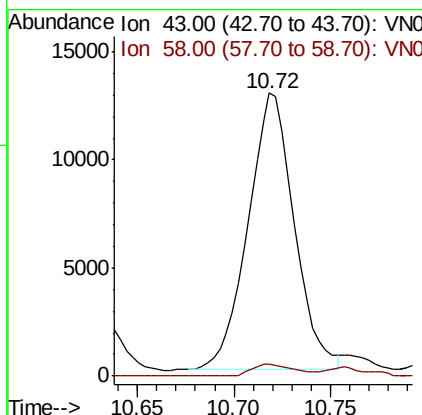
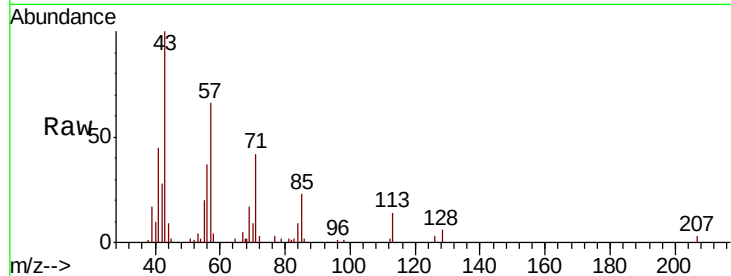




#59
2-Hexanone
Concen: 4.39 ug/l
RT: 10.72 min Scan# 2839
Delta R.T. -0.04 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

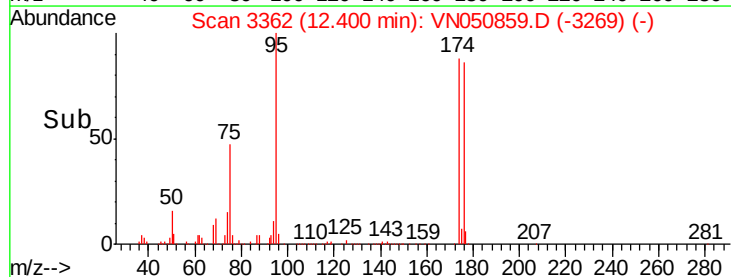
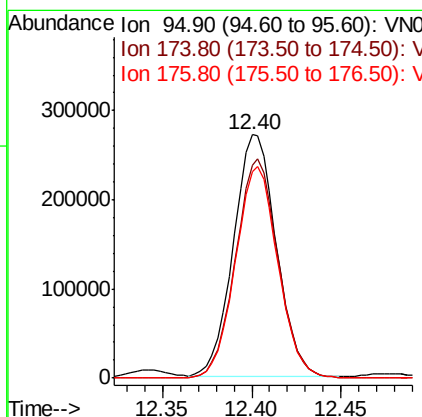
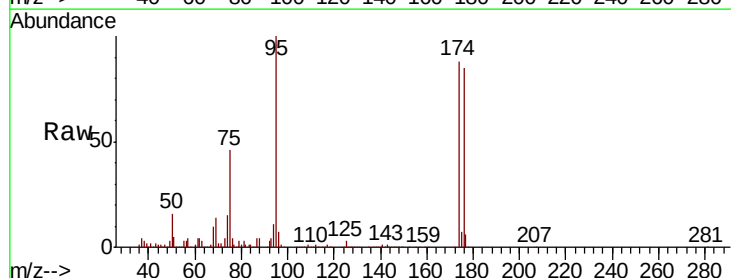
Instrument :
MSVOA_N
ClientSampled :

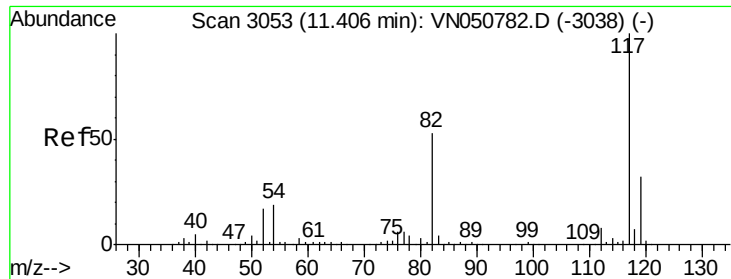
Tot Ion: 43 Resp: 21299
Ion Ratio Lower Upper
43 100
58 3.9 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 43.92 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.00 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

Tgt Ion: 95 Resp: 455436
Ion Ratio Lower Upper
95 100
174 90.2 0.0 183.0
176 86.8 0.0 178.8

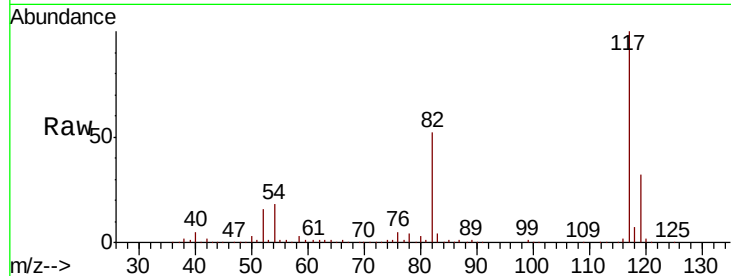




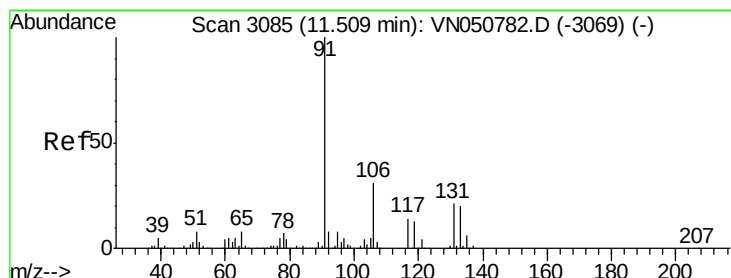
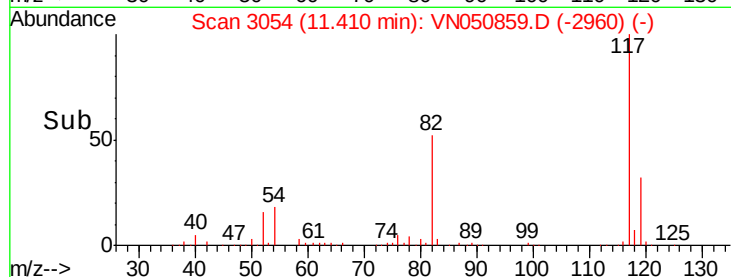
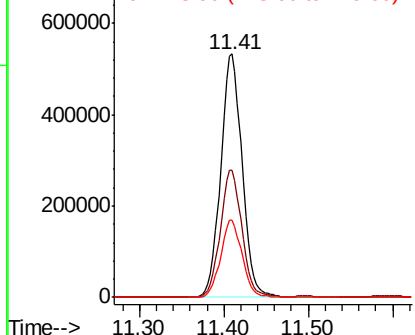
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 936251
Ion Ratio Lower Upper
117 100
82 51.8 42.6 64.0
119 31.7 25.8 38.6

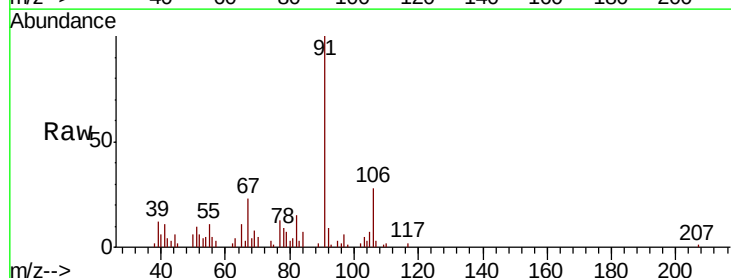


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

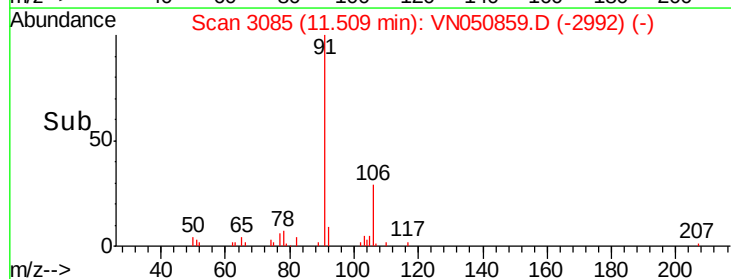
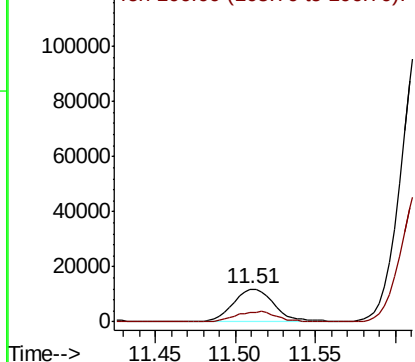


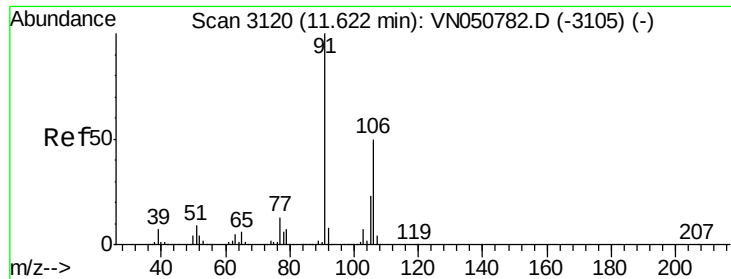
#67
Ethyl Benzene
Concen: 0.53 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

Tgt Ion: 91 Resp: 21254
Ion Ratio Lower Upper
91 100
106 27.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

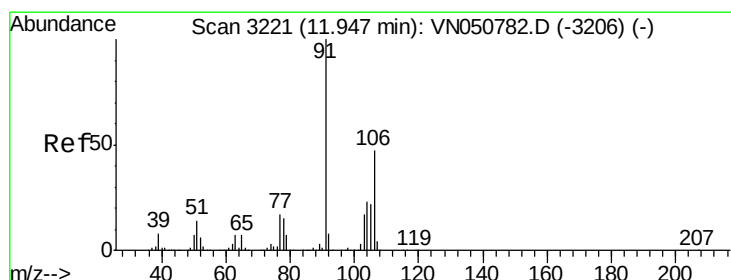
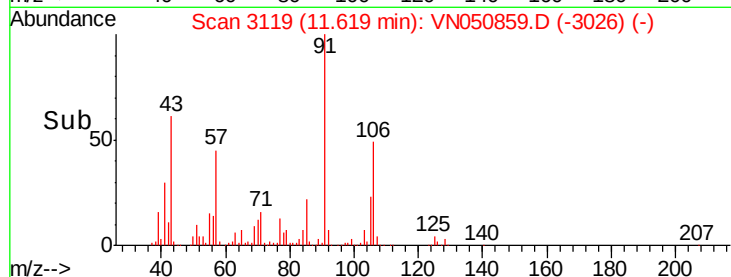
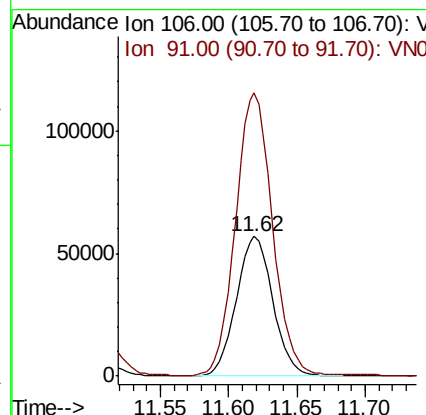
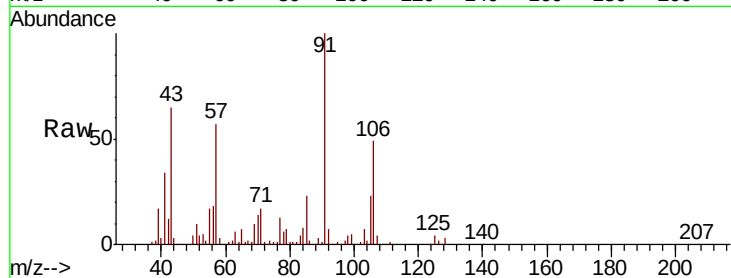




#68
m/p-Xylenes
Concen: 7.01 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

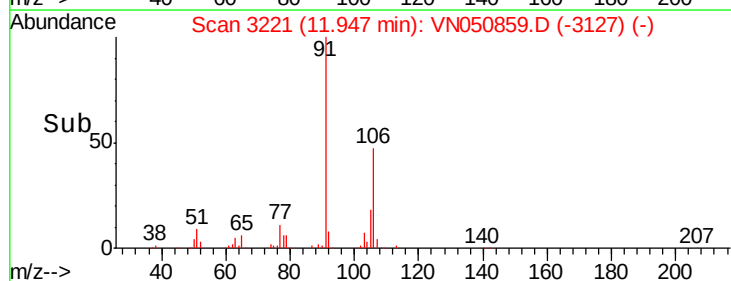
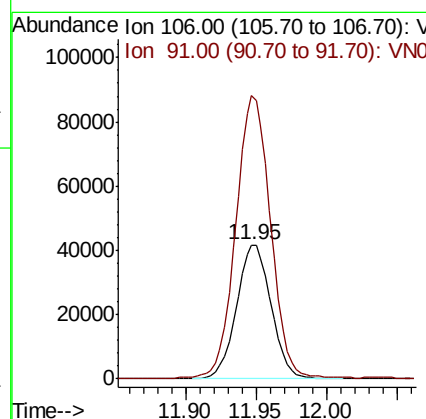
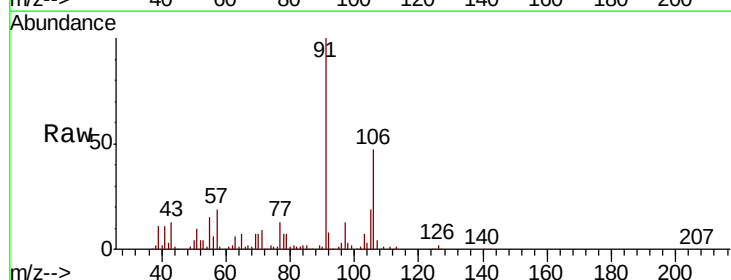
Instrument :
MSVOA_N
ClientSampled :

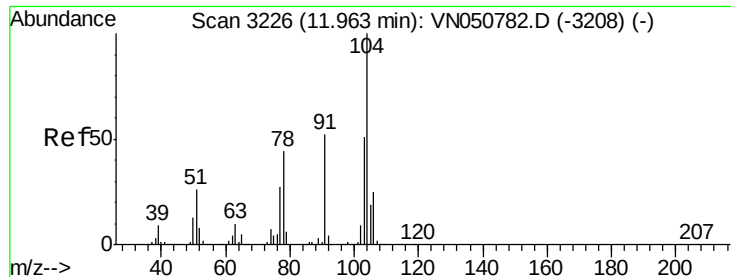
Tot Ion:106 Resp: 105879
Ion Ratio Lower Upper
106 100
91 203.8 161.0 241.6



#69
o-Xylene
Concen: 4.91 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

Tgt Ion:106 Resp: 71342
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.5

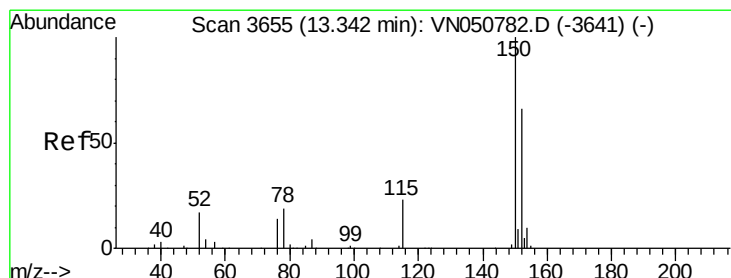
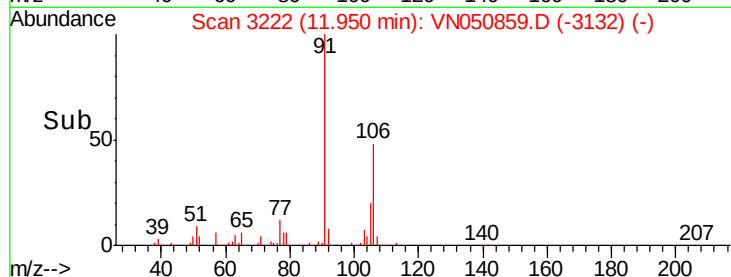
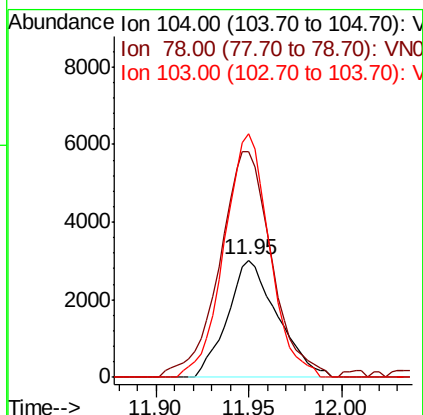
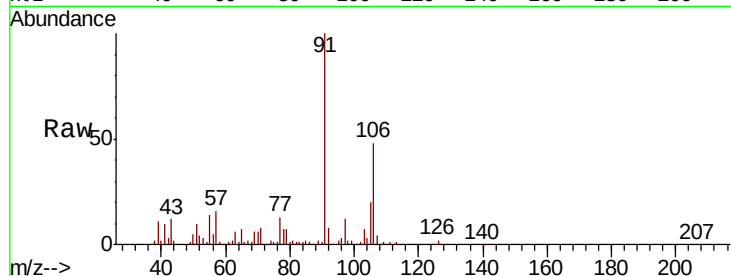




#70
Stvrene
Concen: 1.48 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.01 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

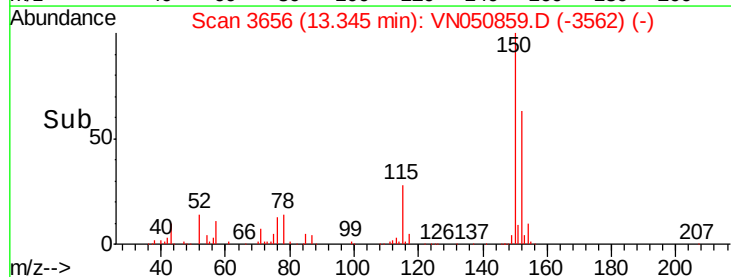
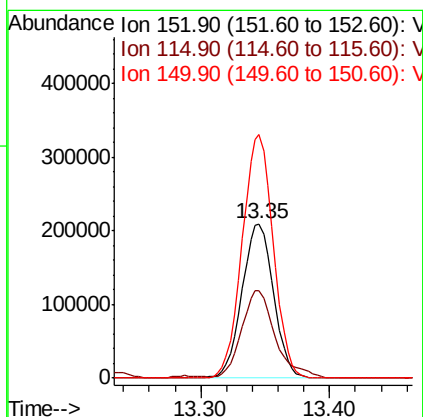
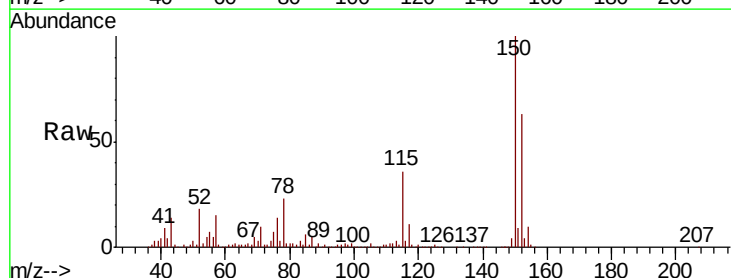
Instrument :
MSVOA_N
ClientSampleId :

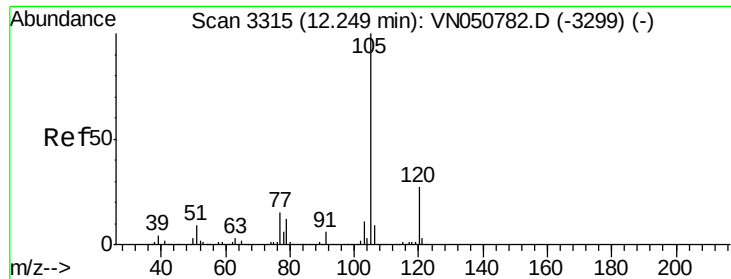
Tot Ion:104 Resp: 5619
Ion Ratio Lower Upper
104 100
78 202.1 38.2 57.4#
103 189.8 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050859.D
Acq: 23 Aug 2018 17:50

Tgt Ion:152 Resp: 354888
Ion Ratio Lower Upper
152 100
115 60.9 27.8 83.4
150 156.0 0.0 351.4





#73

Isopropylbenzene

Concen: 1.70 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

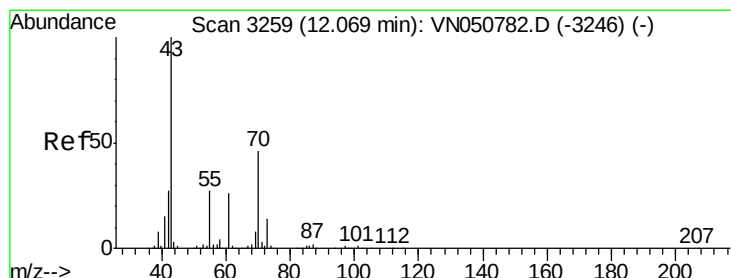
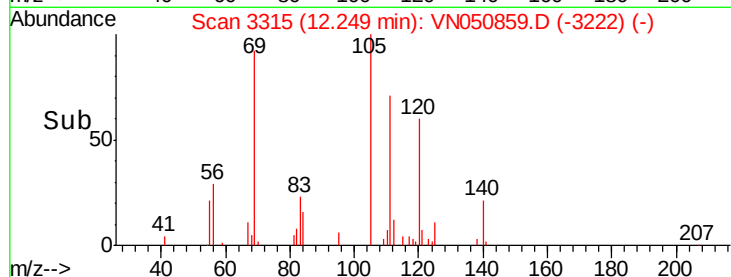
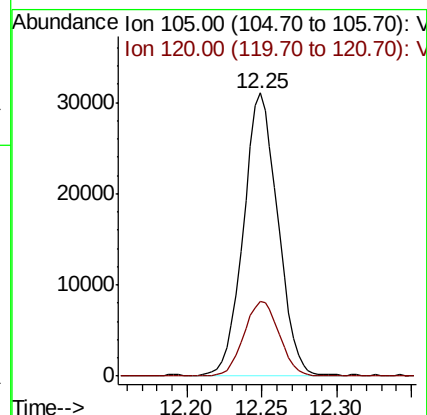
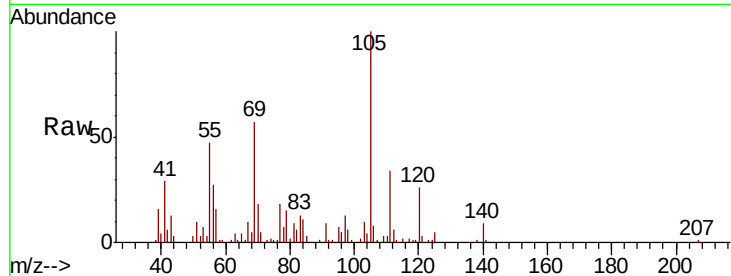
ClientSampleId :

Tot Ion:105 Resp: 49860

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 13.52 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.02 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Tgt Ion: 43 Resp: 99793

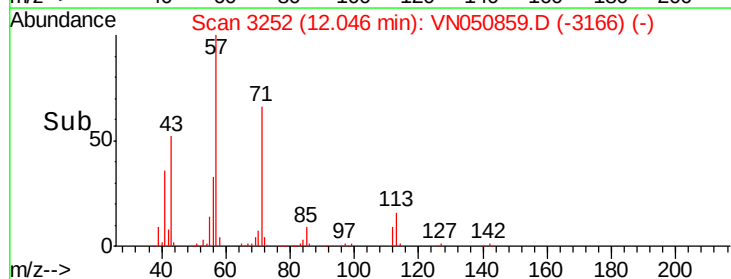
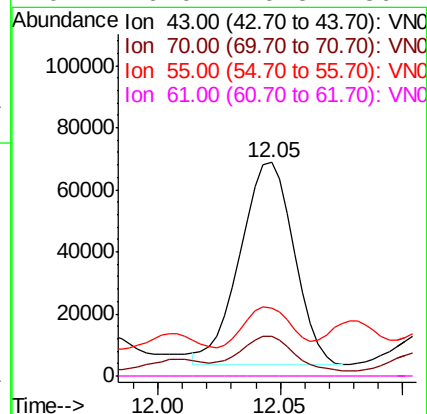
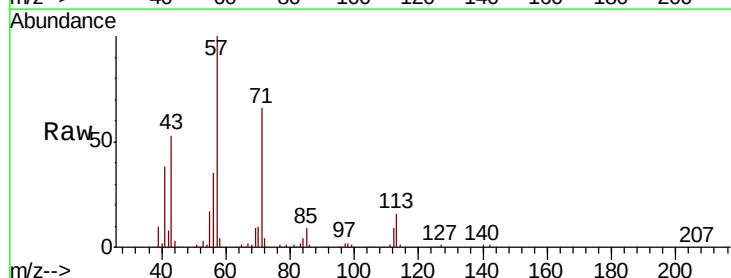
Ion Ratio Lower Upper

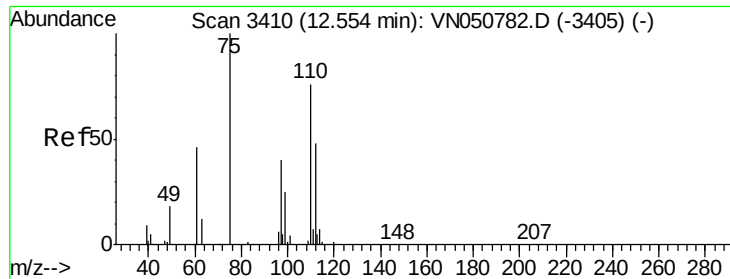
43 100

71 16.6 36.2 54.2#

55 18.2 21.8 32.8#

61 0.0 20.5 30.7#





#76

1,2,3-Trichloropropane

Concen: 34.33 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. -0.15 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

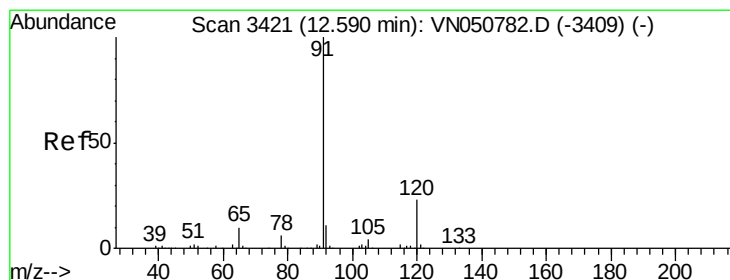
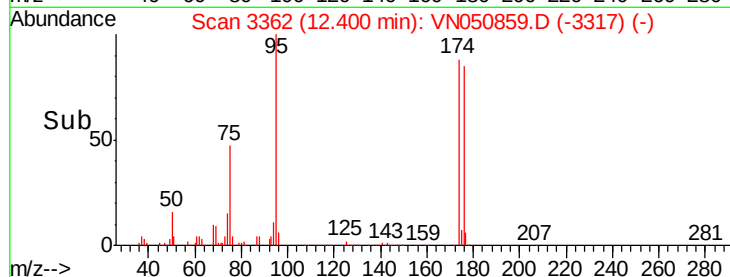
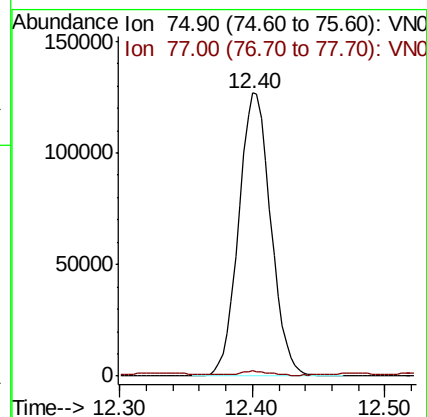
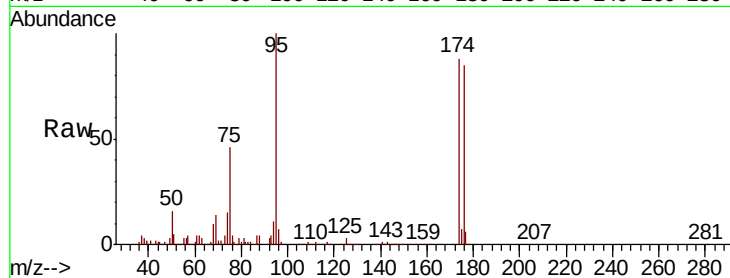
ClientSampleId :

Tot Ion: 75 Resp: 213382

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#78

n-propylbenzene

Concen: 3.72 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050859.D

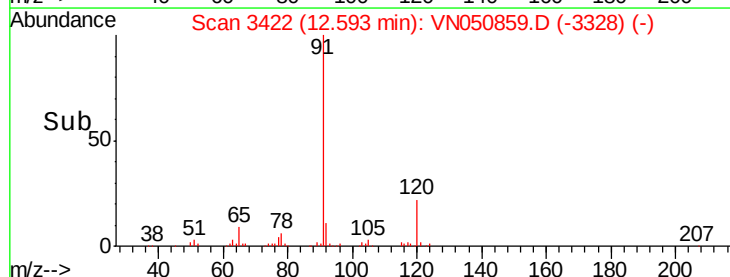
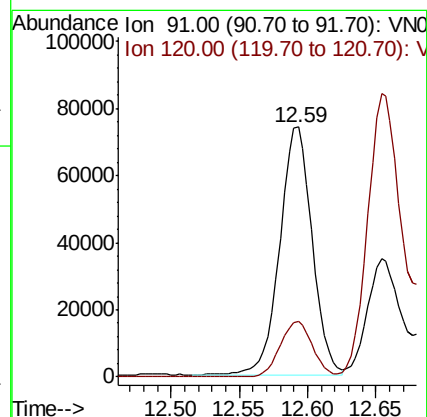
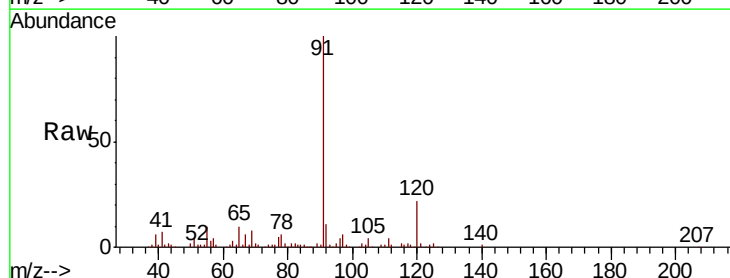
Acq: 23 Aug 2018 17:50

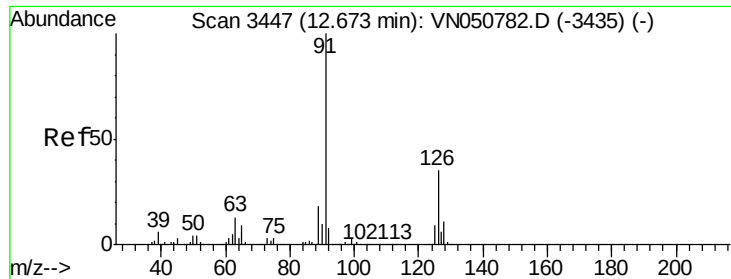
Tgt Ion: 91 Resp: 122251

Ion Ratio Lower Upper

91 100

120 22.5 11.7 35.0





#79

2-Chlorotoluene

Concen: 2.58 ug/l

RT: 12.65 min Scan# 3441

Delta R.T. -0.02 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

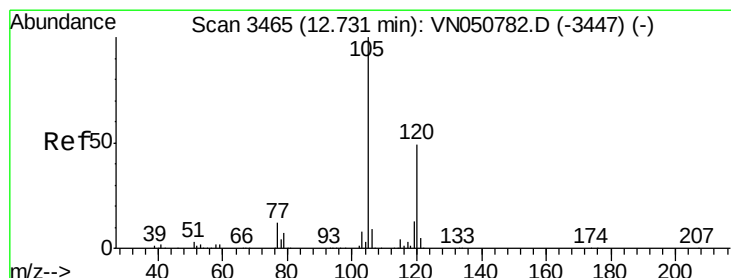
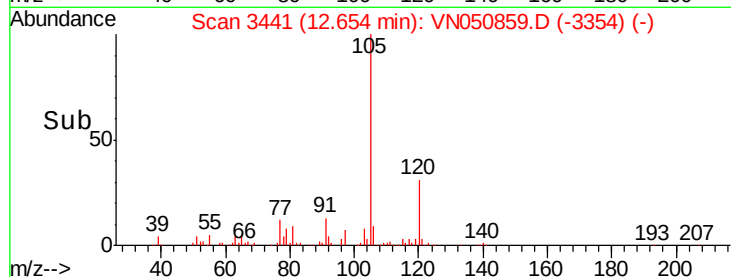
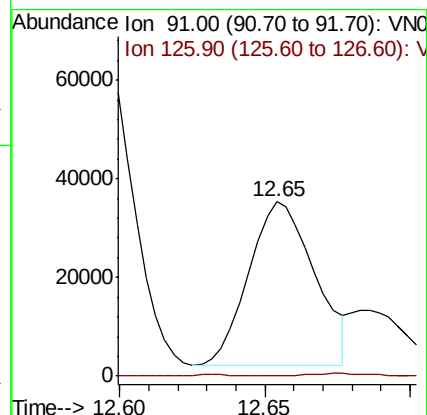
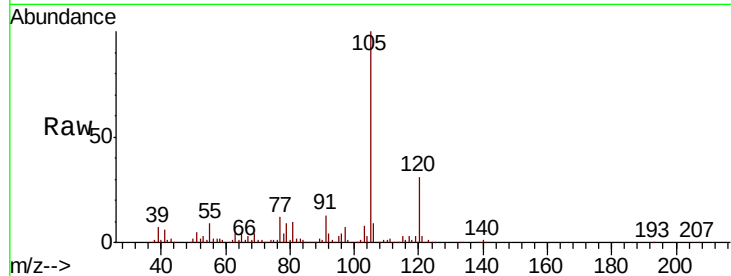
ClientSampled :

Tot Ion: 91 Resp: 52754

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.3#



#80

1,3,5-Trimethylbenzene

Concen: 16.74 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050859.D

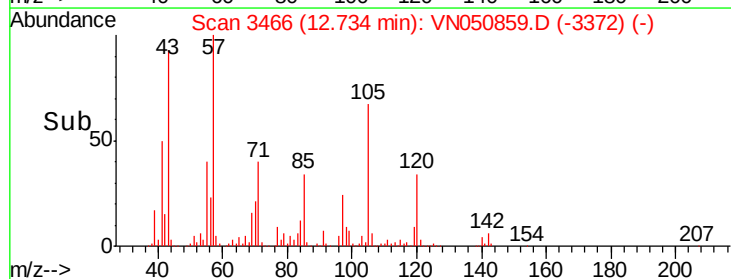
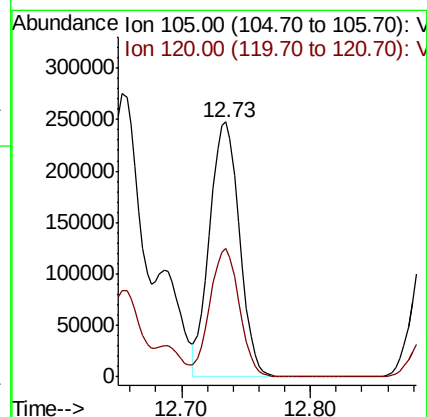
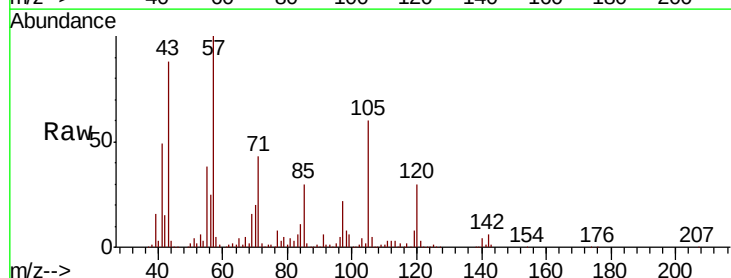
Acq: 23 Aug 2018 17:50

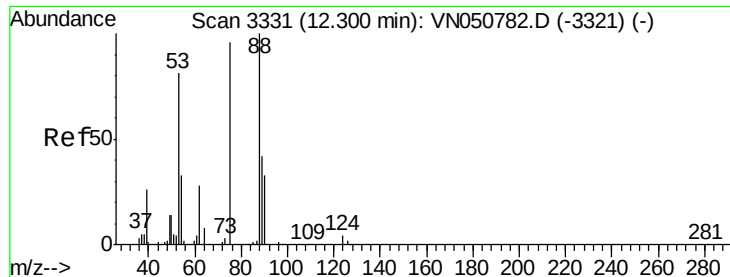
Tgt Ion: 105 Resp: 396881

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 116.05 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.10 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

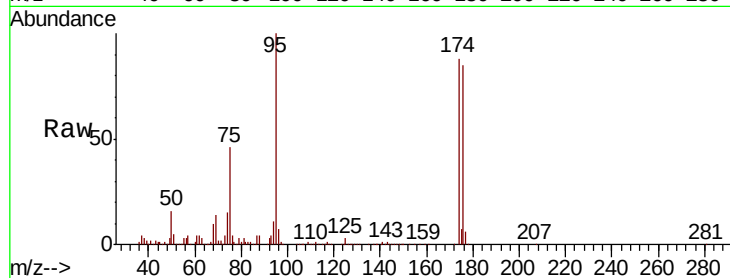
Tot Ion: 75 Resp: 213382

Ion Ratio Lower Upper

75 100

53 0.0 68.9 103.3#

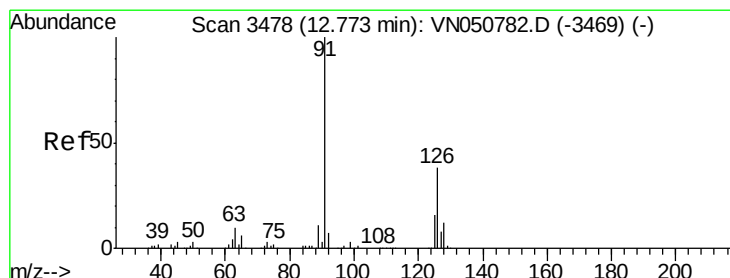
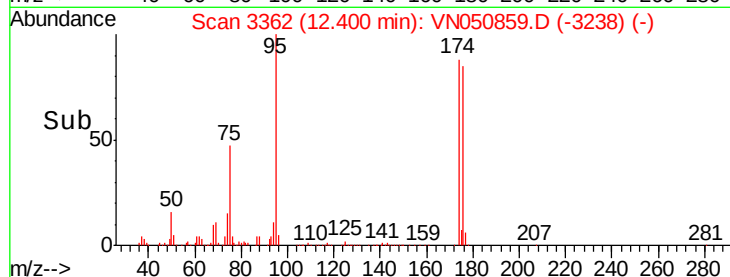
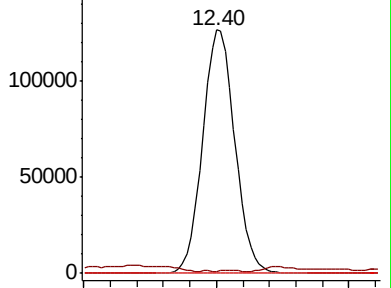
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.85 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN050859.D

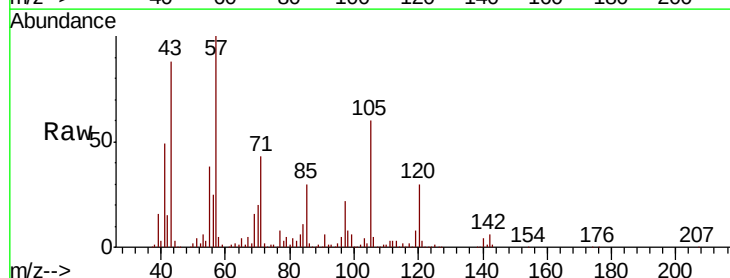
Acq: 23 Aug 2018 17:50

Tgt Ion: 91 Resp: 37443

Ion Ratio Lower Upper

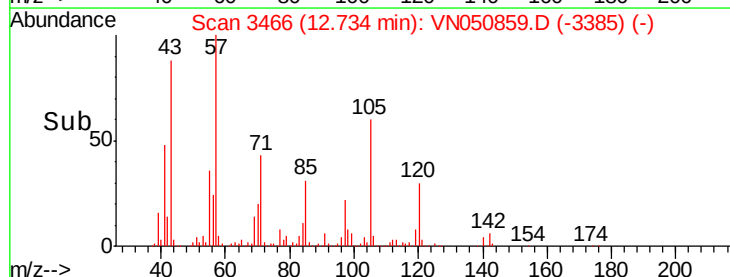
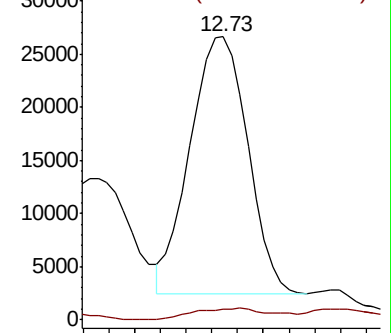
91 100

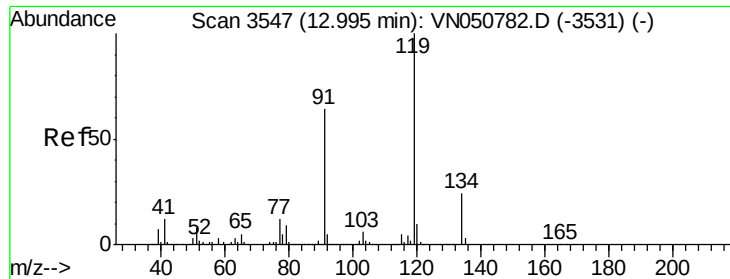
126 6.4 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

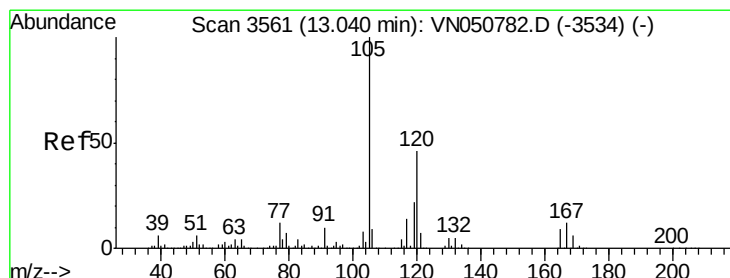
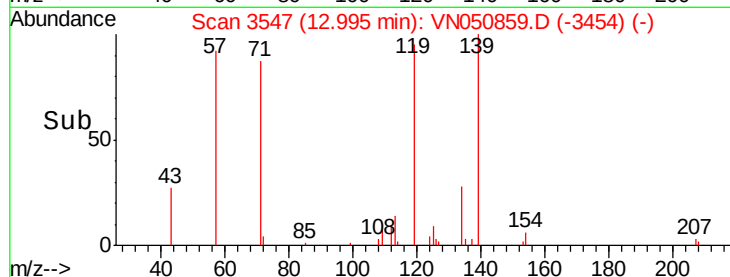
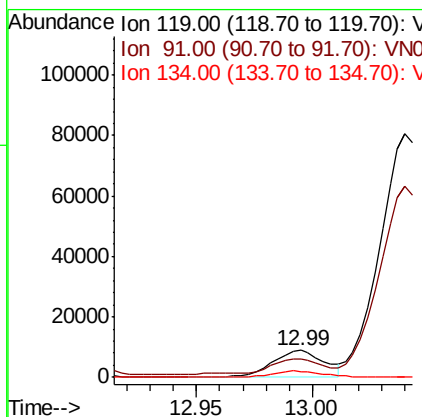
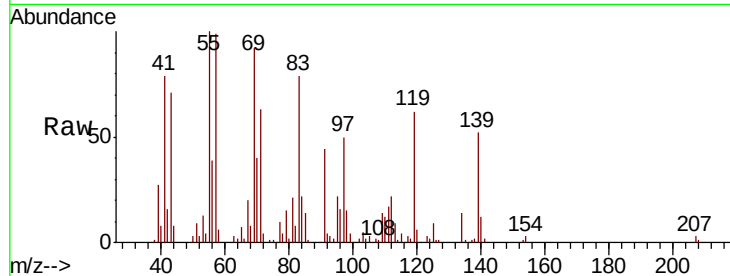




#83
 tert-Butylbenzene
 Concen: 0.69 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

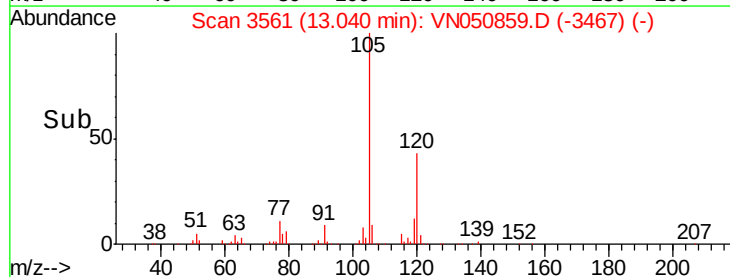
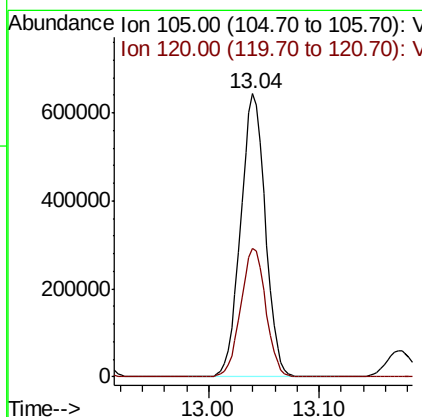
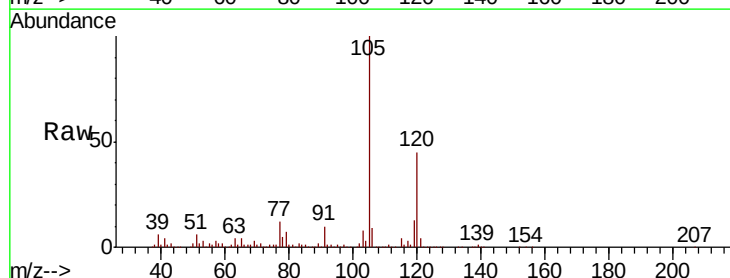
Instrument :
 MSVOA_N
 ClientSampled :

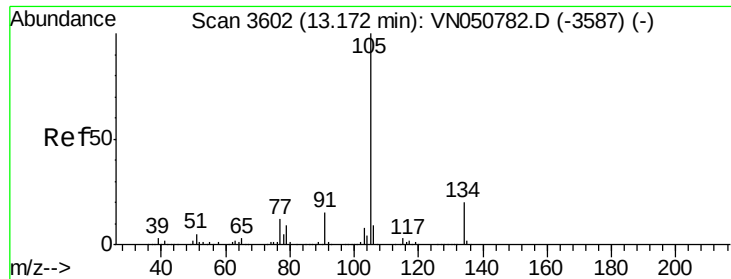
Tot Ion:119 Resp: 14085
 Ion Ratio Lower Upper
 119 100
 91 49.5 31.6 94.7
 134 24.8 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 41.65 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

Tgt Ion:105 Resp: 993385
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8





#85

sec-Butylbenzene

Concen: 3.60 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

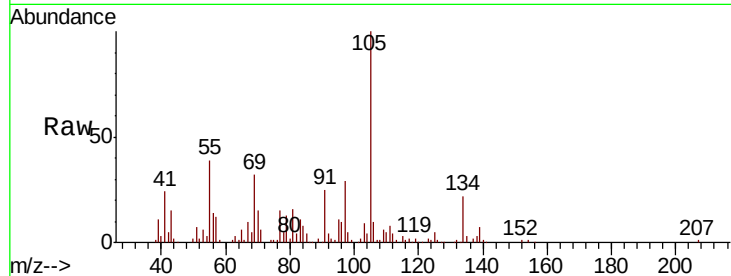
ClientSampleId :

Tot Ion:105 Resp: 96906

Ion Ratio Lower Upper

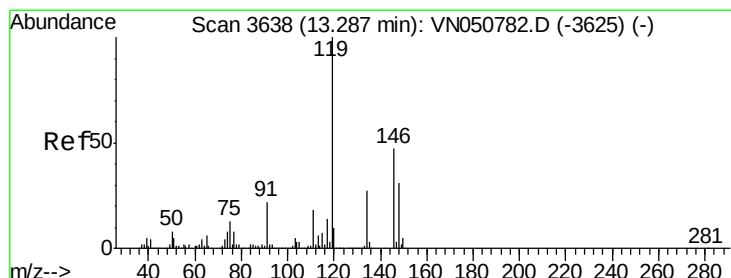
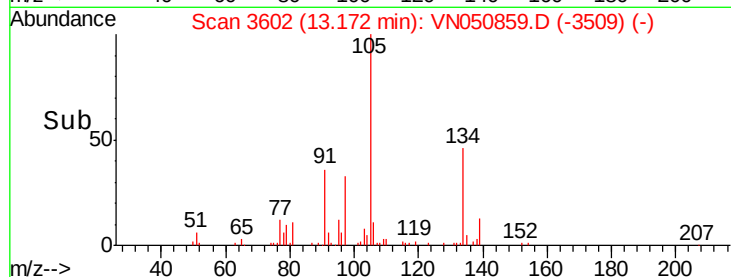
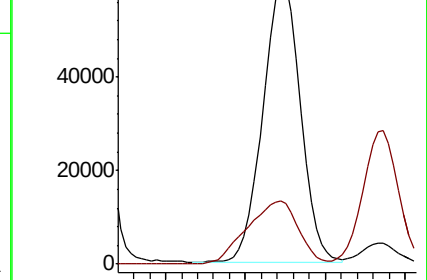
105 100

134 30.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.67 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

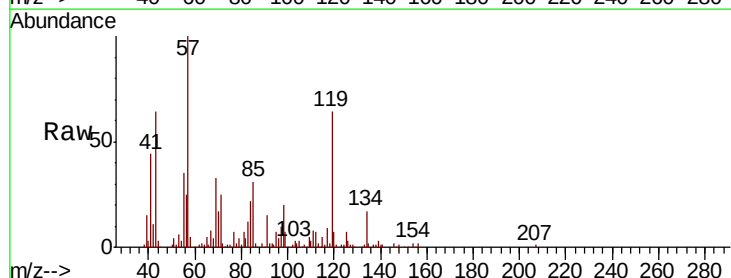
Tgt Ion:119 Resp: 61164

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

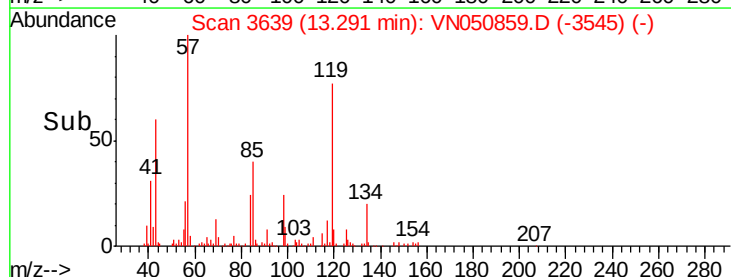
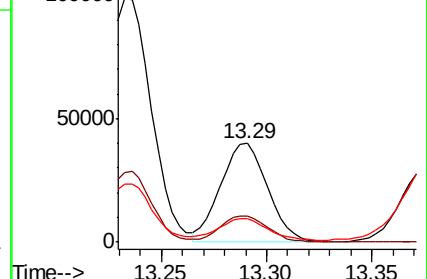
91 22.1 11.2 33.5

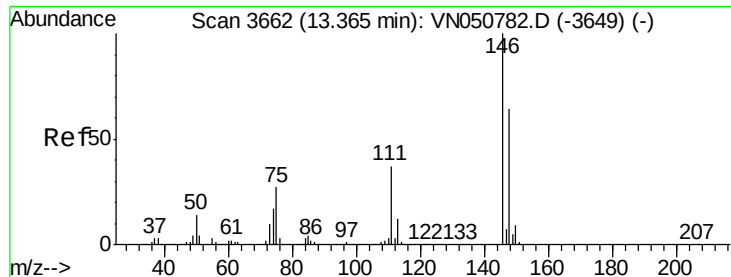


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

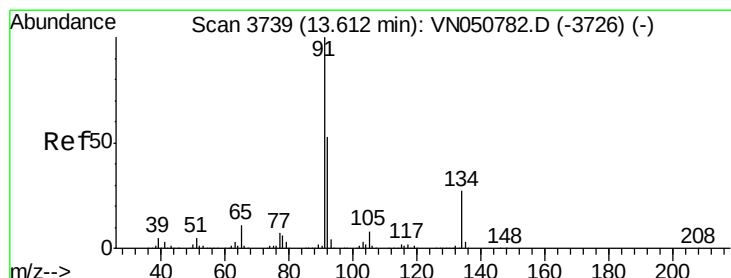
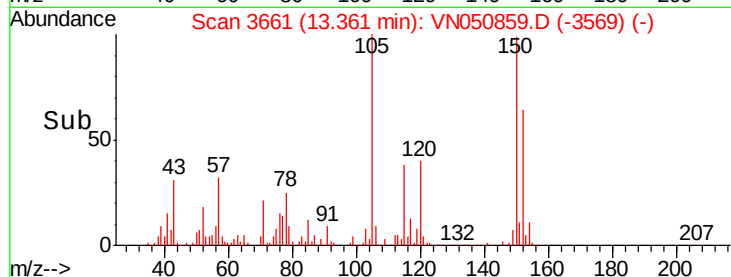
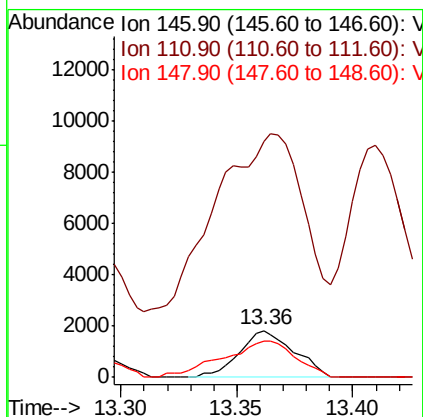
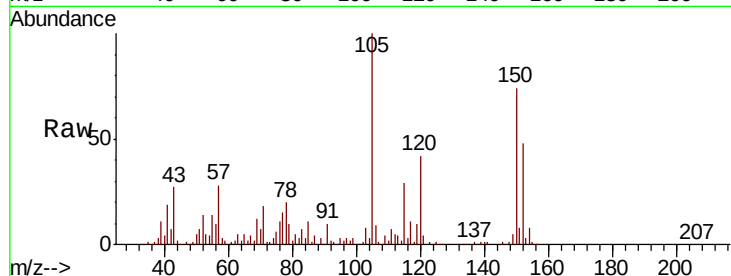




#88
 1,4-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.36 min Scan# 3661
 Delta R.T. -0.00 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

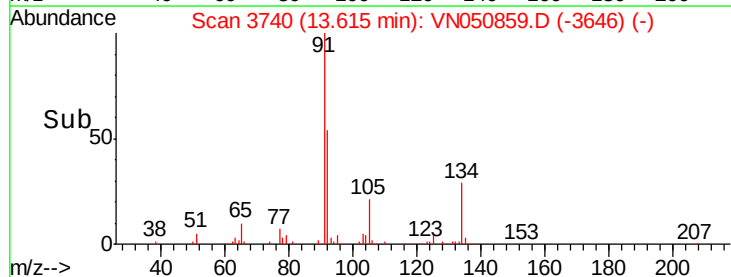
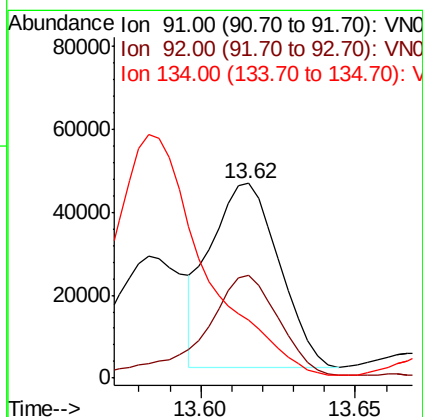
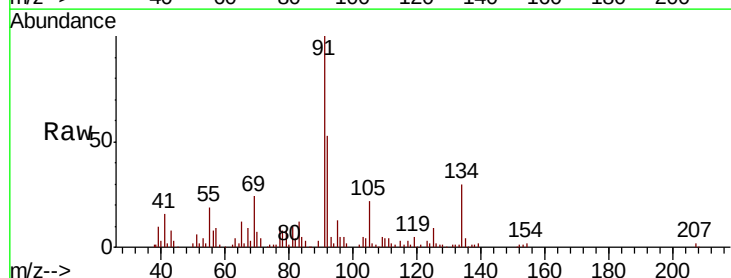
Instrument :
 MSVOA_N
 ClientSampled :

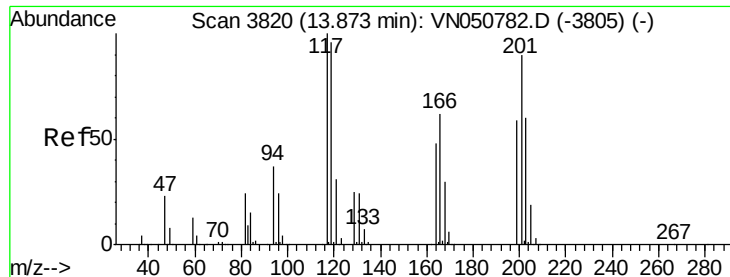
Tot Ion:146 Resp: 2981
 Ion Ratio Lower Upper
 146 100
 111 583.0 18.8 56.3#
 148 103.5 32.2 96.6#



#89
 n-Butylbenzene
 Concen: 3.74 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

Tgt Ion: 91 Resp: 68550
 Ion Ratio Lower Upper
 91 100
 92 61.2 26.1 78.2
 134 0.0 13.2 39.6#





#90

Hexachloroethane

Concen: 3.49 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.02 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

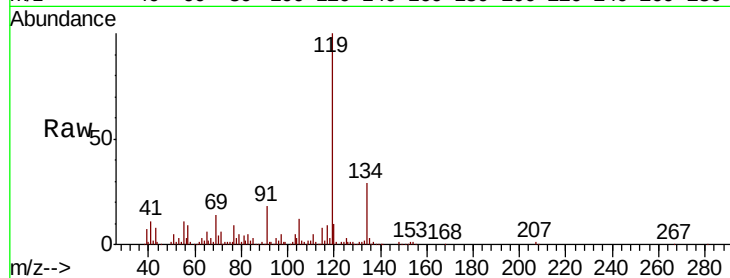
ClientSampleId :

Tot Ion:117 Resp: 14509

Ion Ratio Lower Upper

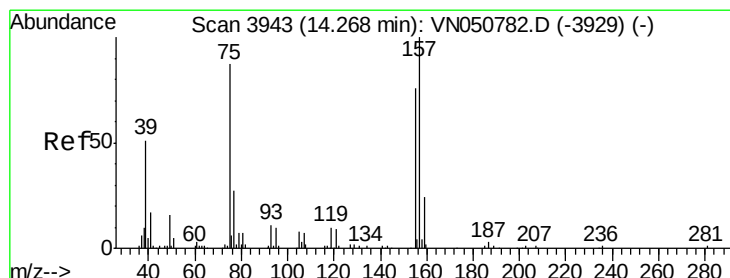
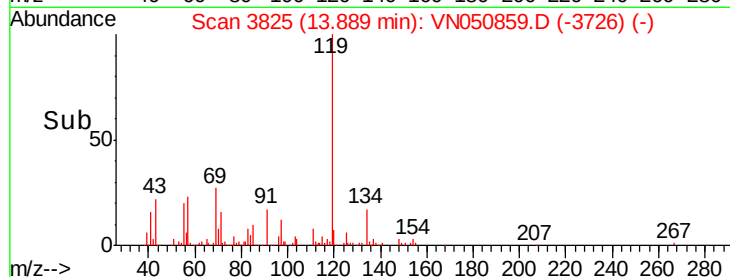
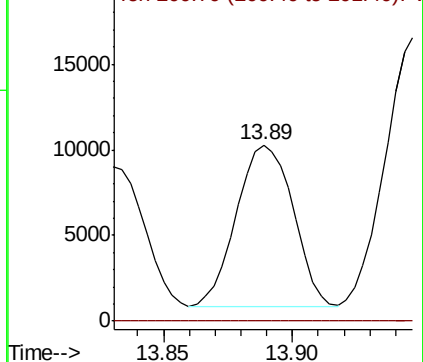
117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.15 ug/l

RT: 14.25 min Scan# 3938

Delta R.T. -0.02 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

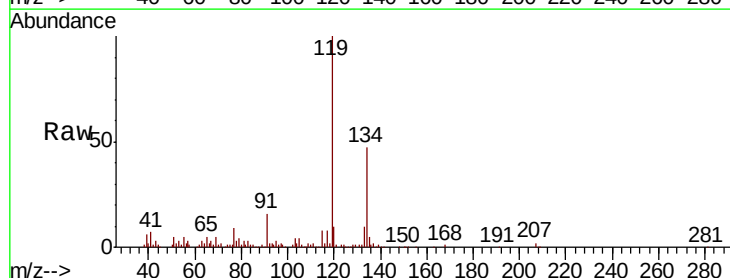
Tgt Ion: 75 Resp: 1212

Ion Ratio Lower Upper

75 100

155 11.4 46.4 139.1#

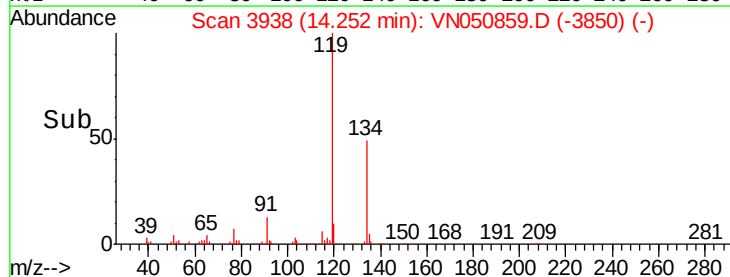
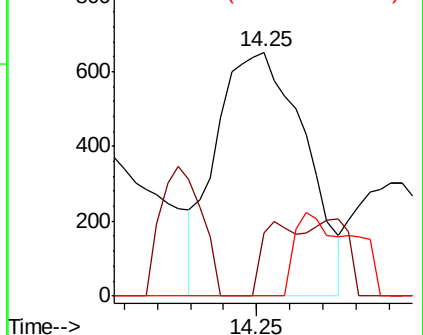
157 22.3 60.7 182.0#

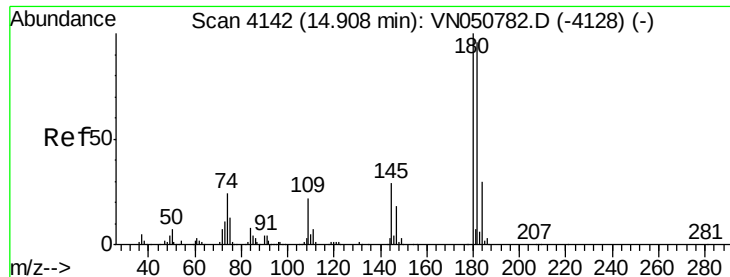


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

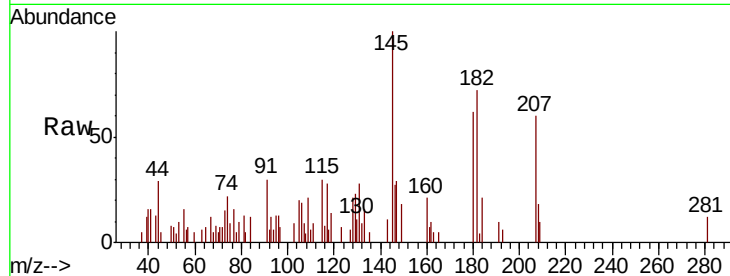




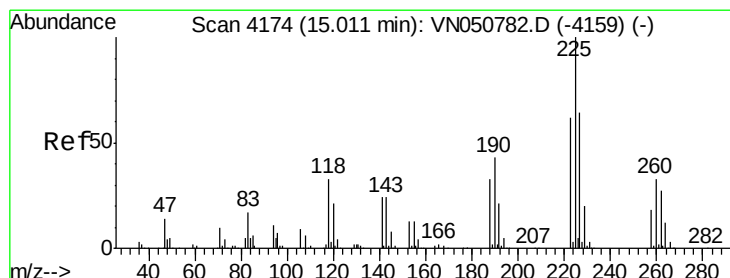
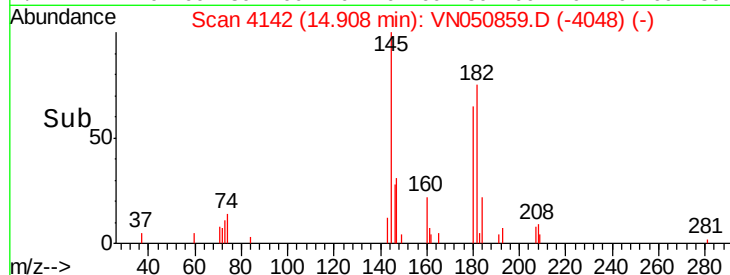
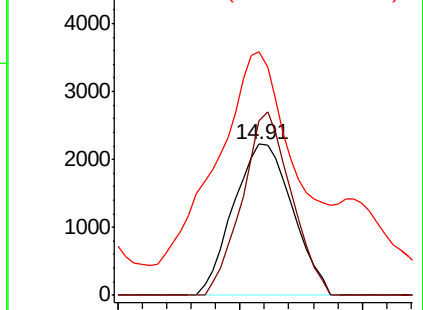
#93
 1,2,4-Trichlorobenzene
 Concen: 4.59 ua/l
 RT: 14.91 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 3748
 Ion Ratio Lower Upper
 180 100
 182 100.6 48.2 144.6
 145 176.8 14.1 42.2#

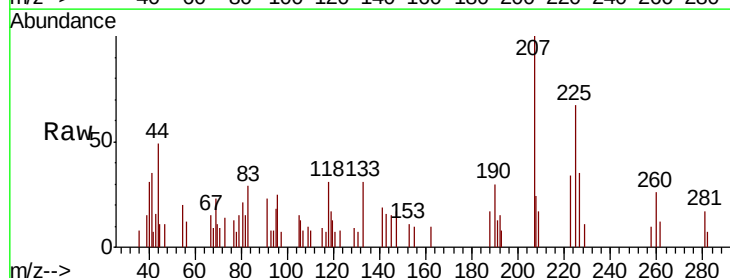


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

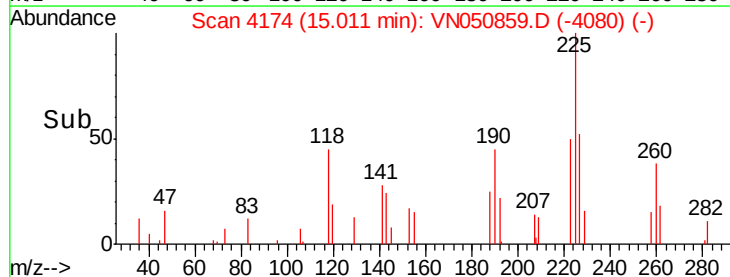
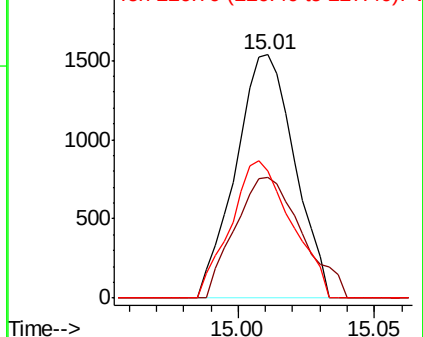


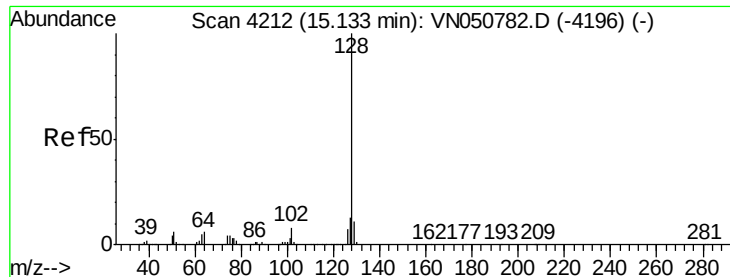
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050859.D
 Acq: 23 Aug 2018 17:50

Tgt Ion:225 Resp: 2302
 Ion Ratio Lower Upper
 225 100
 223 56.3 31.3 93.8
 227 58.2 32.0 96.2



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: 7.21 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

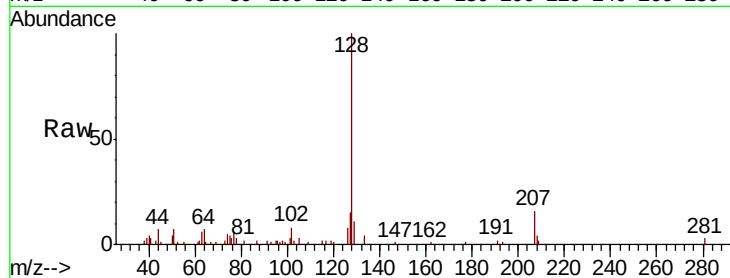
Tot Ion:128 Resp: 28735

Ion Ratio Lower Upper

128 100

127 14.7 10.5 15.7

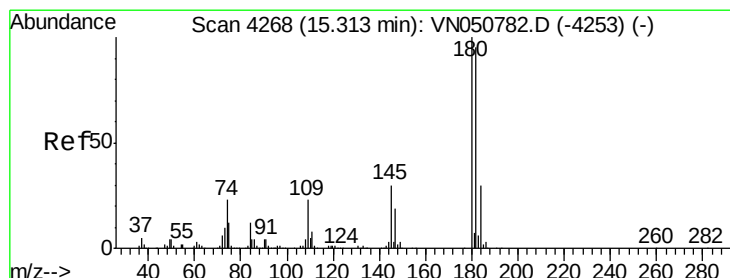
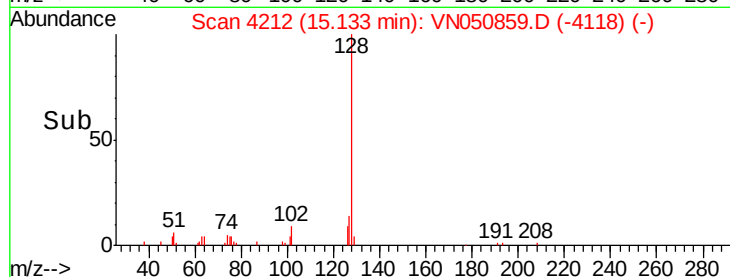
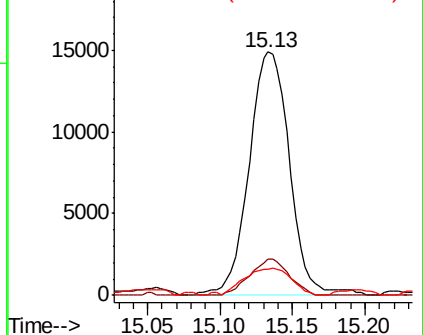
129 12.9 8.7 13.1



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: 3.85 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050859.D

Acq: 23 Aug 2018 17:50

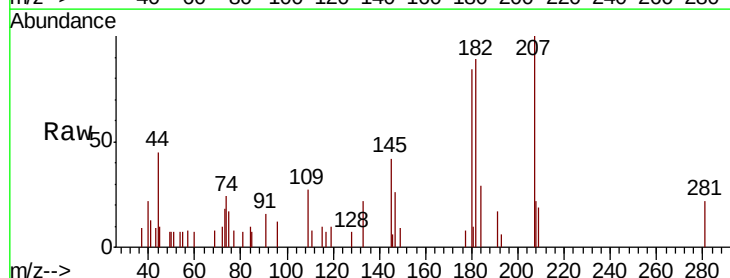
Tgt Ion:180 Resp: 3814

Ion Ratio Lower Upper

180 100

182 116.7 48.0 144.2

145 72.3 15.2 45.6#



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

