

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050854.D
 Acq On : 23 Aug 2018 15:35
 Operator : MD\SY
 Sample : J4584-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 01:11:55 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	611001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	872535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312242	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	403518	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	
35) Dibromofluoromethane	7.59	113	387663	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	10.09	98	1388908	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
62) 4-Bromofluorobenzene	12.40	95	381325	38.00	ug/l	0.00
Spiked Amount			Recovery	=	76.00%	

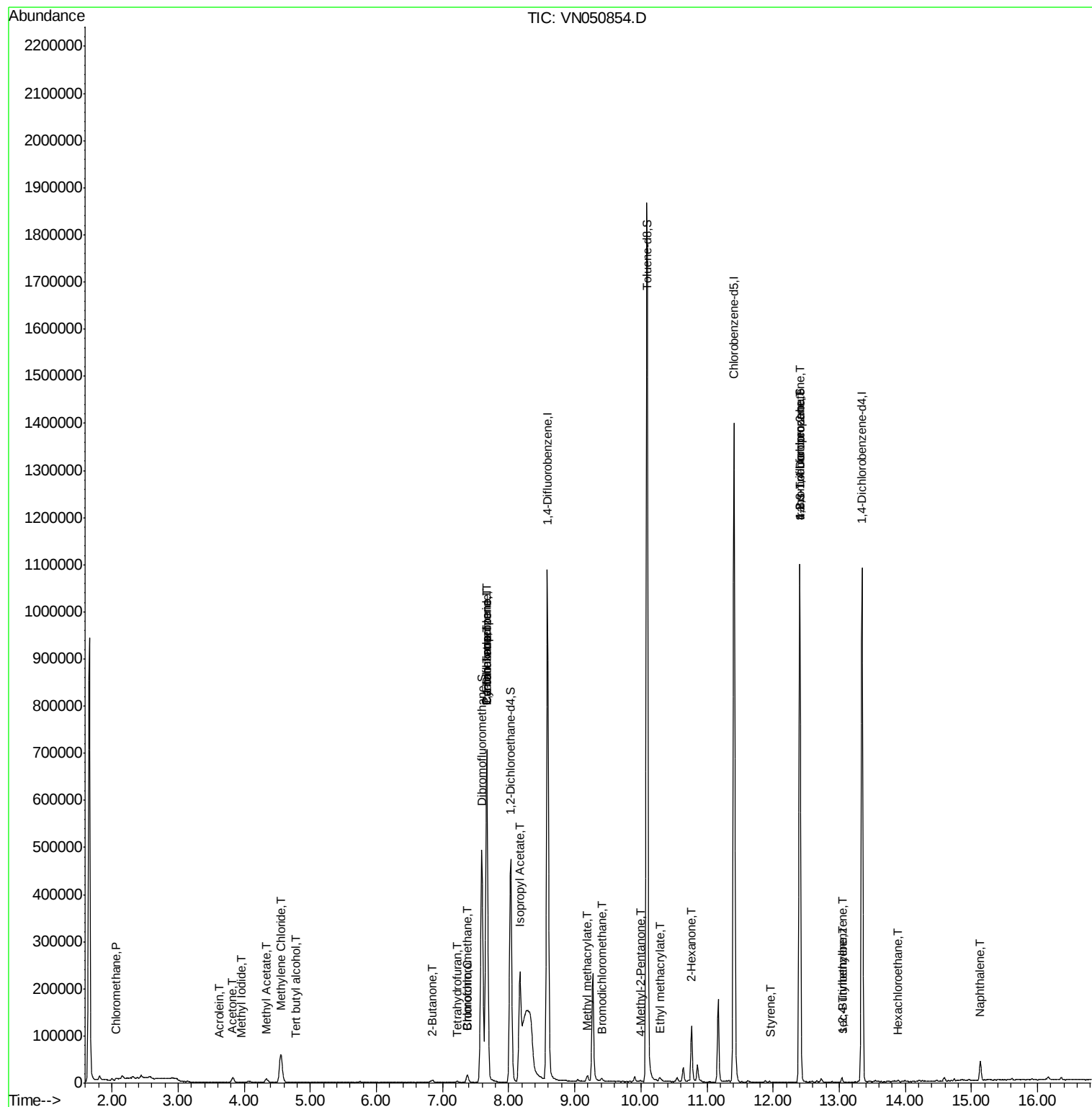
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2356	0.23	ug/l	96
5) Bromomethane	2.57	94	2214	Below Cal	#	77
10) Methyl Iodide	3.95	142	196	6.37	ug/l	# 61
11) Tert butyl alcohol	4.79	59	616	1.32	ug/l	# 72
13) Acrolein	3.62	56	30	18.01	ug/l	# 14
16) Acetone	3.82	43	17476	3.06	ug/l	97
18) Methyl Acetate	4.34	43	14524	2.09	ug/l	96
20) Methylene Chloride	4.55	84	48328	5.83	ug/l	97
25) 2-Butanone	6.84	43	4139	1.40	ug/l	90
28) Bromochloromethane	7.37	49	1249	0.21	ug/l	# 10
29) Tetrahydrofuran	7.22	42	1805	1.06	ug/l	# 60
30) Chloroform	7.38	83	17629	1.30	ug/l	93
31) Cyclohexane	7.67	56	11175	1.35	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	41023	3.42	ug/l	# 43
38) Carbon Tetrachloride	7.67	117	55541	4.59	ug/l	# 16
43) Isopropyl Acetate	8.17	43	297132	25.11	ug/l	# 92
47) Bromodichloromethane	9.40	83	4044	0.35	ug/l	# 92
48) Methyl methacrylate	9.18	41	7959	1.32	ug/l	# 19
51) 4-Methyl-2-Pentanone	9.99	43	2205	0.31	ug/l	89
56) Ethyl methacrylate	10.27	69	159	2.36	ug/l	# 1
59) 2-Hexanone	10.77	43	17587	3.74	ug/l	# 57
70) Styrene	11.97	104	69	1.27	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.42	83	89	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	178568	32.65	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	178568	110.38	ug/l	# 15
84) 1,2,4-Trimethylbenzene	13.04	105	5627	0.27	ug/l	89
85) sec-Butylbenzene	13.04	105	5627	0.24	ug/l	# 56
90) Hexachloroethane	13.90	117	267	0.25	ug/l	# 4
95) Naphthalene	15.14	128	35957	7.97	ug/l	99

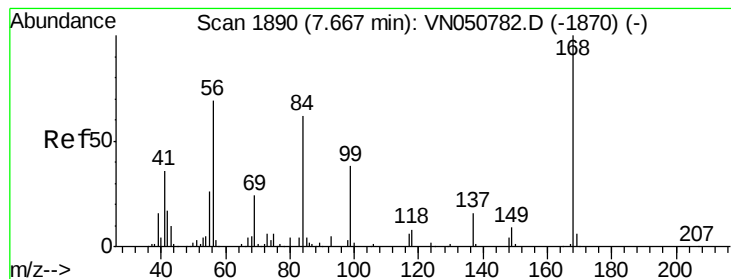
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082318\
Data File : VN050854.D
Acq On : 23 Aug 2018 15:35
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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 24 01:11:55 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

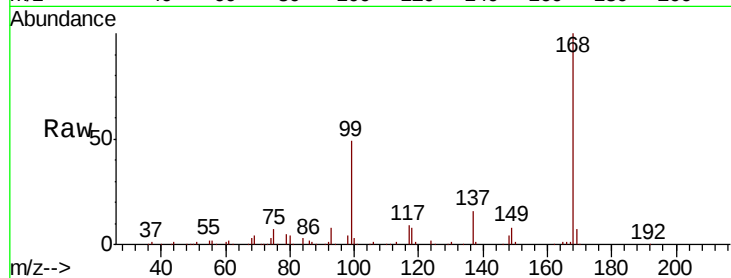
ClientSampled :

Tot Ion:168 Resp: 611001

Ion Ratio Lower Upper

168 100

99 48.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

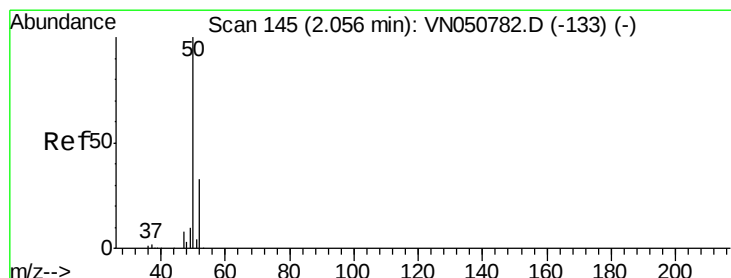
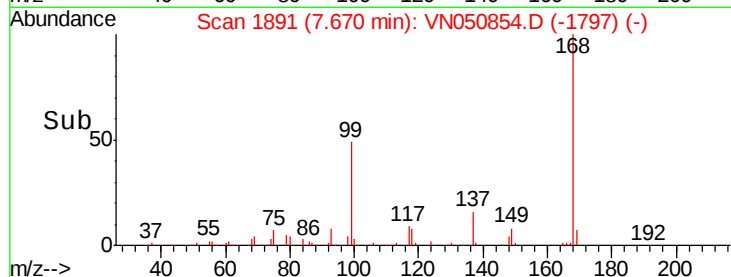
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050854.D

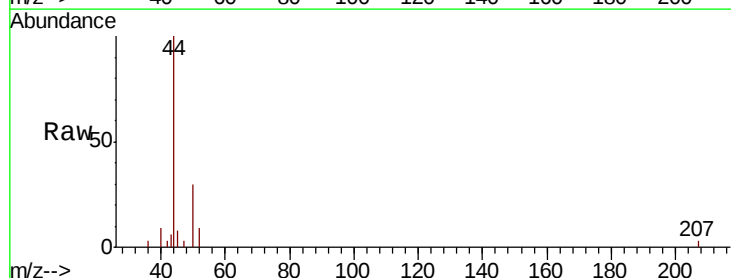
Acq: 23 Aug 2018 15:35

Tgt Ion: 50 Resp: 2356

Ion Ratio Lower Upper

50 100

52 30.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

2000

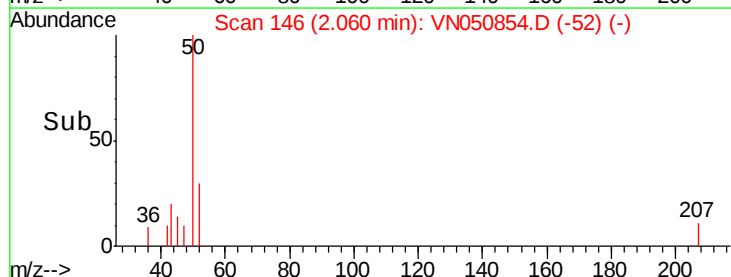
1500

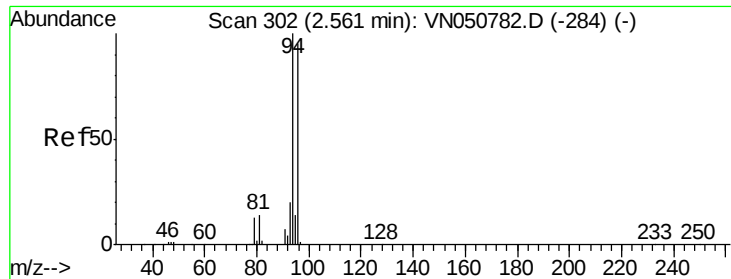
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

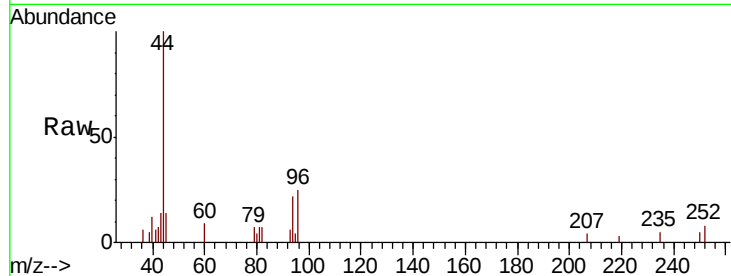
ClientSampled :

Tot Ion: 94 Resp: 2214

Ion Ratio Lower Upper

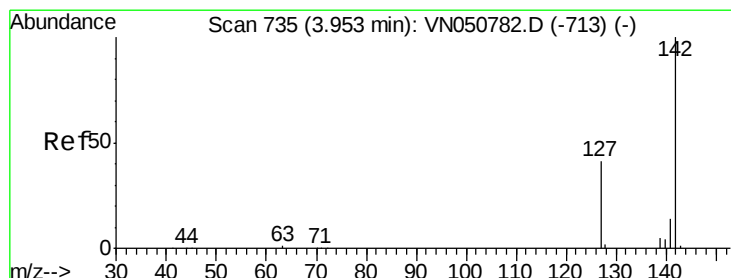
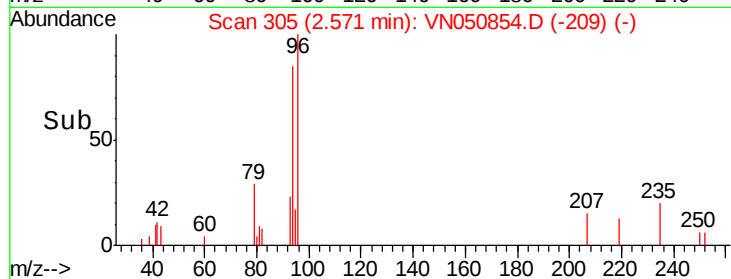
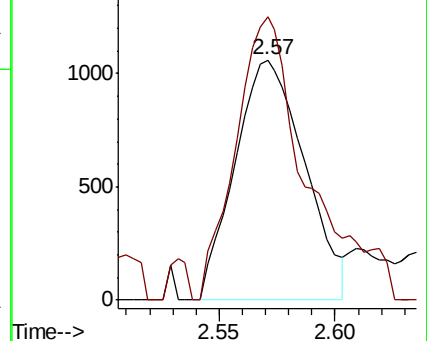
94 100

96 117.8 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: 6.37 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

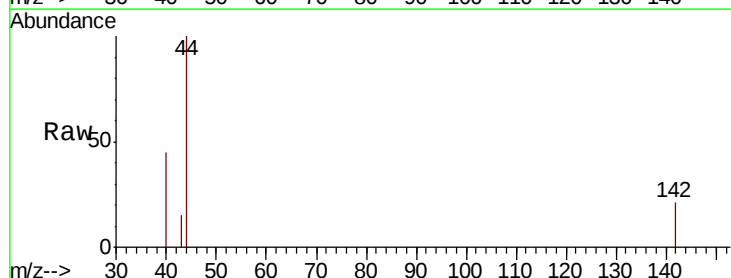
Tgt Ion: 142 Resp: 196

Ion Ratio Lower Upper

142 100

127 14.8 31.7 47.5#

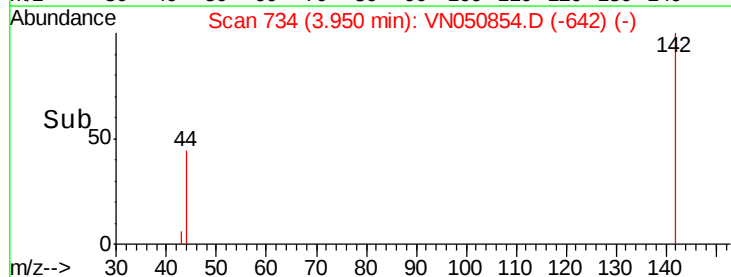
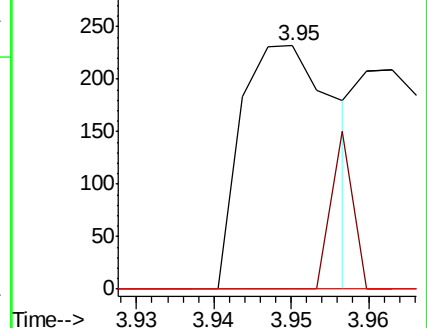
141 0.0 11.4 17.0#

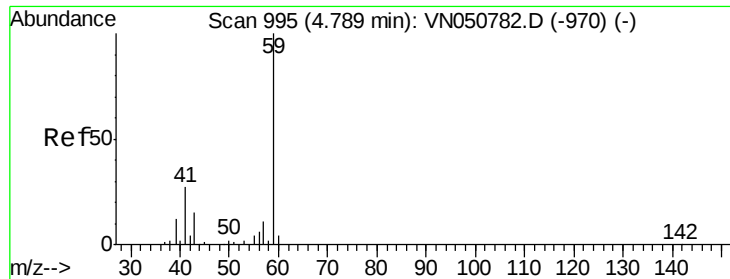


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

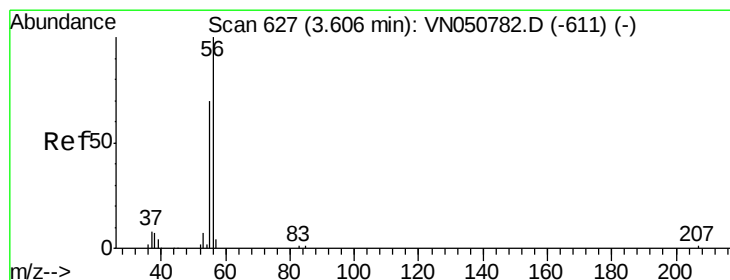
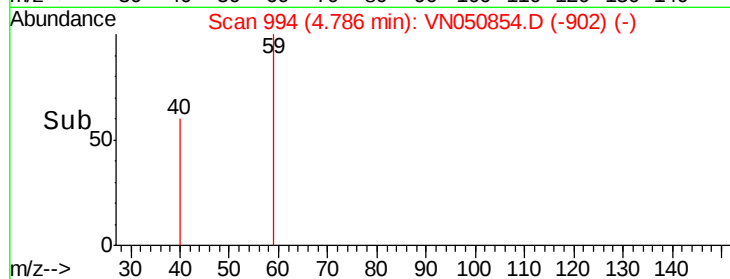
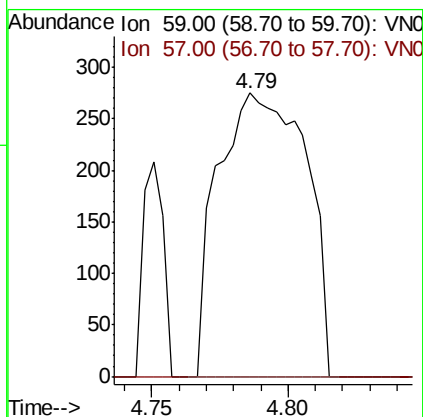
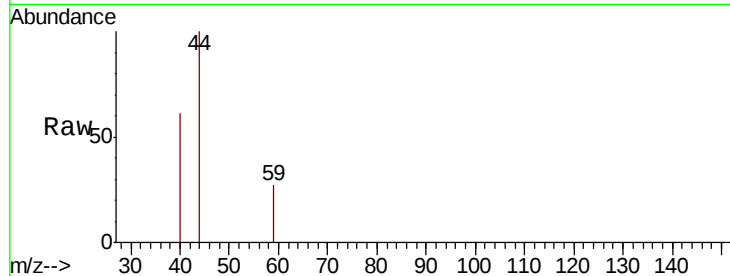




#11
Tert butyl alcohol
Concen: 1.32 ug/l
RT: 4.79 min Scan# 994
Delta R.T. -0.00 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

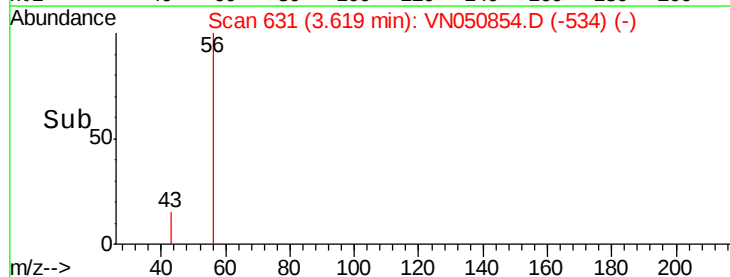
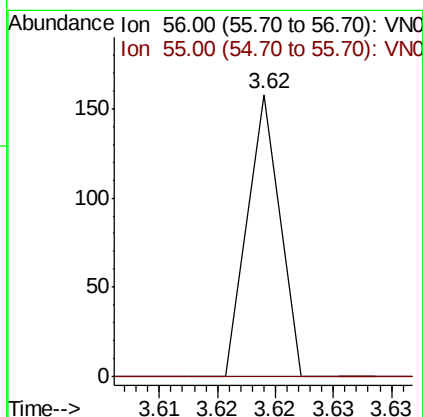
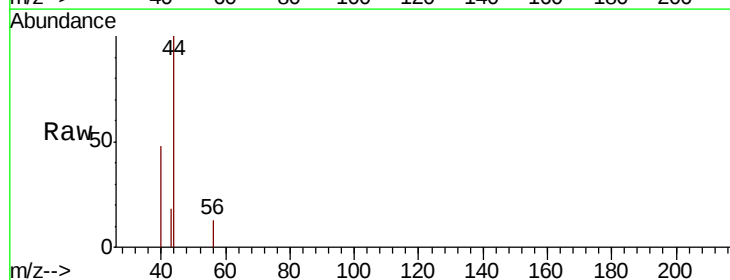
Instrument :
MSVOA_N
ClientSampled :

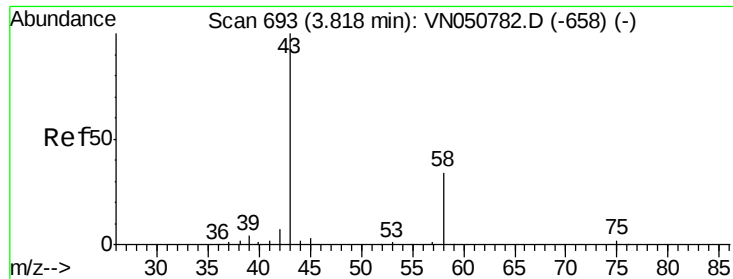
Tot Ion: 59 Resp: 616
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 18.01 ug/l
RT: 3.62 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#





#16

Acetone

Concen: 3.06 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

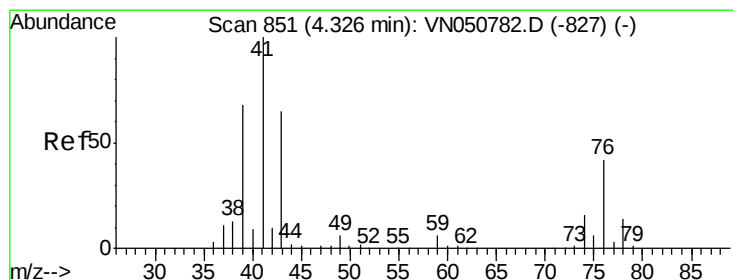
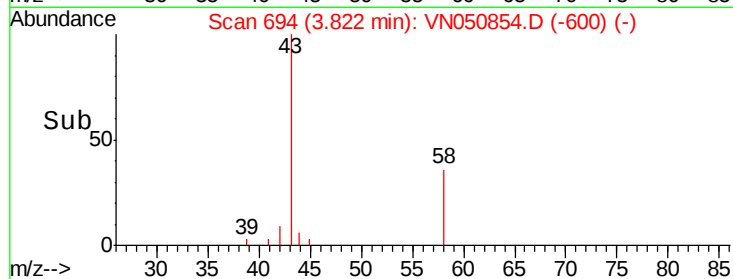
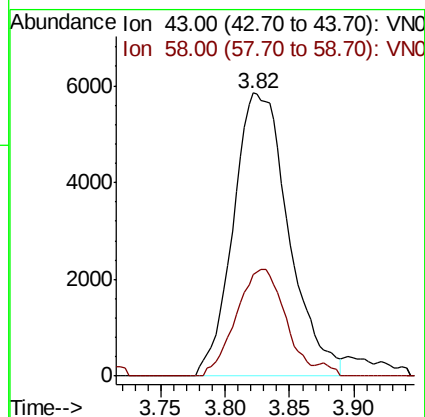
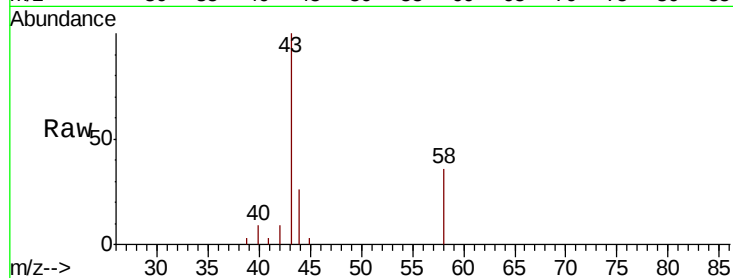
ClientSampleId :

Tot Ion: 43 Resp: 17476

Ion Ratio Lower Upper

43 100

58 35.7 27.2 40.8



#18

Methyl Acetate

Concen: 2.09 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050854.D

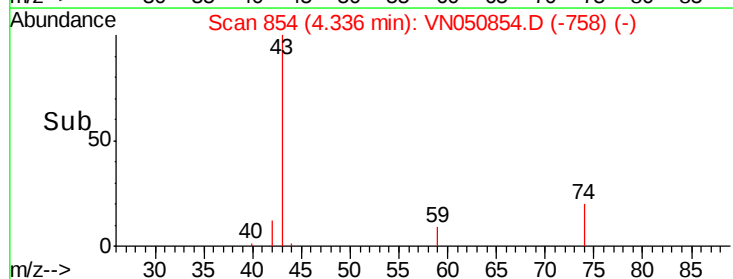
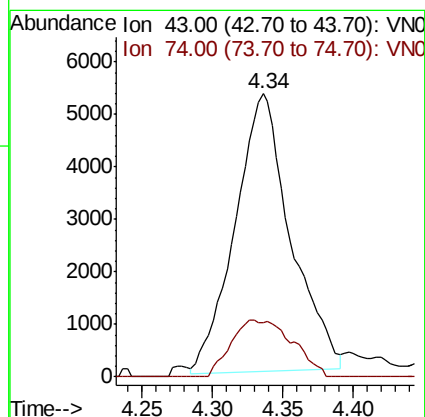
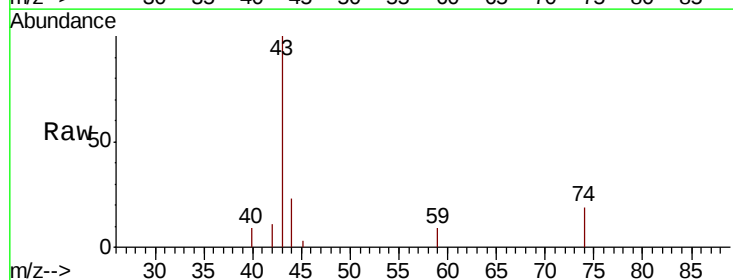
Acq: 23 Aug 2018 15:35

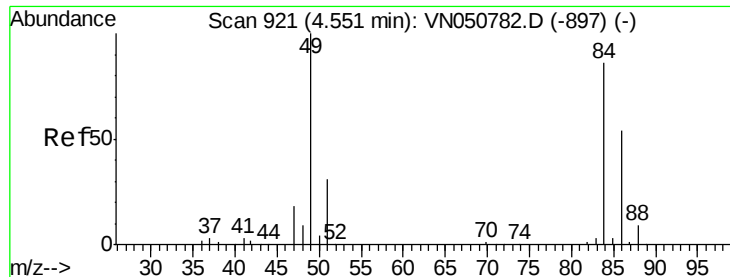
Tgt Ion: 43 Resp: 14524

Ion Ratio Lower Upper

43 100

74 22.6 19.8 29.8

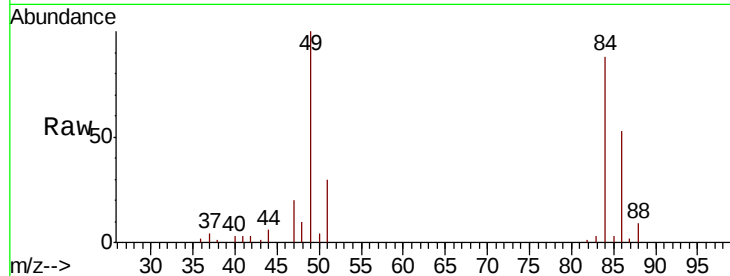




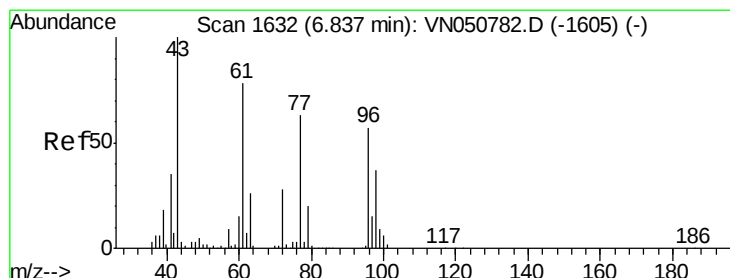
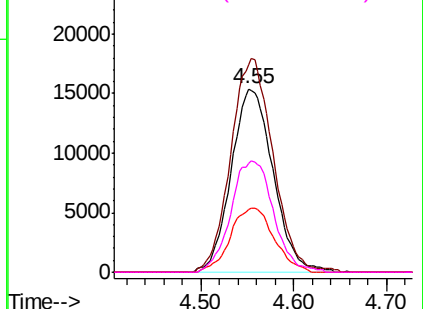
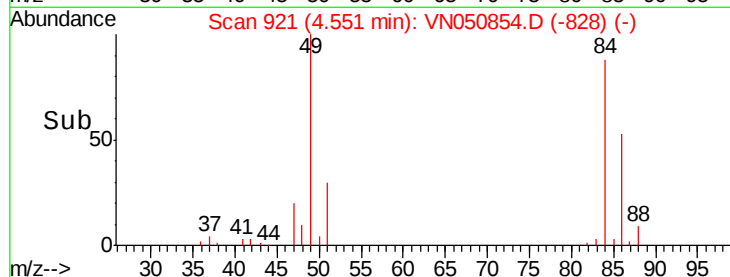
#20
Methvlene Chloride
Concen: 5.83 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 48328
Ion Ratio Lower Upper
84 100
49 113.2 93.2 139.8
51 33.9 29.0 43.6
86 59.7 49.8 74.8

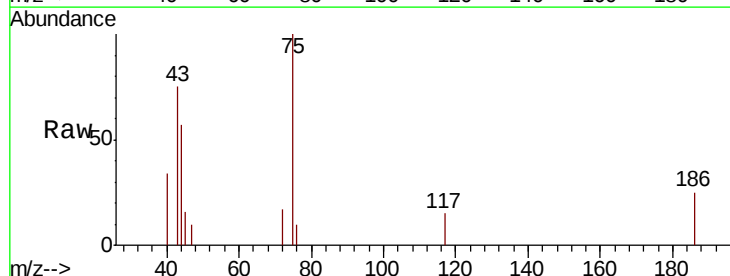


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

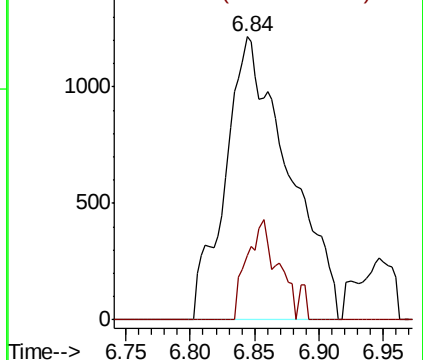
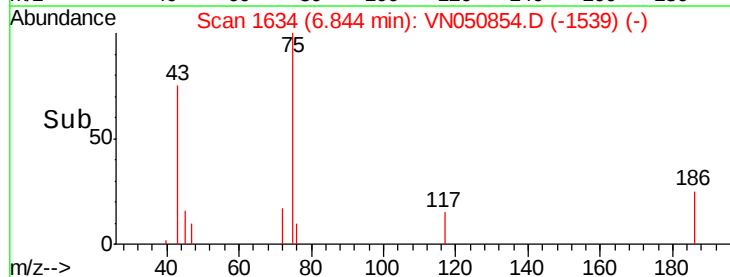


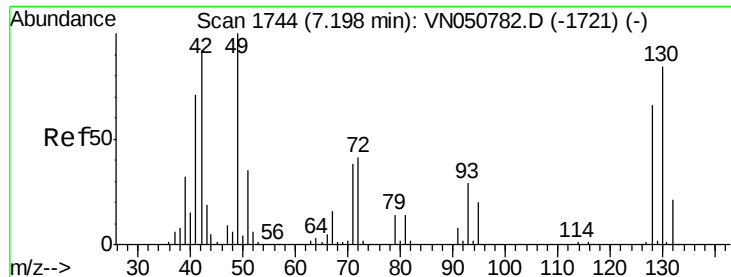
#25
2-Butanone
Concen: 1.40 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.01 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

Tgt Ion: 43 Resp: 4139
Ion Ratio Lower Upper
43 100
72 22.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC





#28

Bromochloromethane

Concen: 0.21 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.18 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :
MSVOA_N
ClientSampleId :

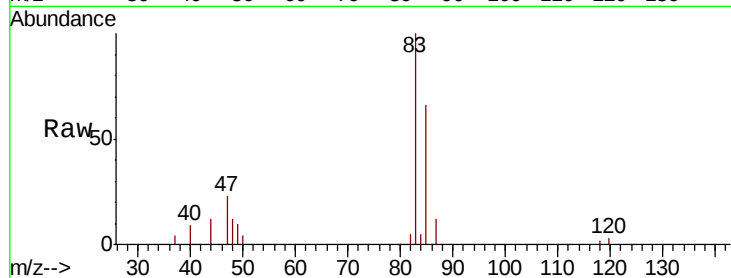
Tot Ion: 49 Resp: 1249

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

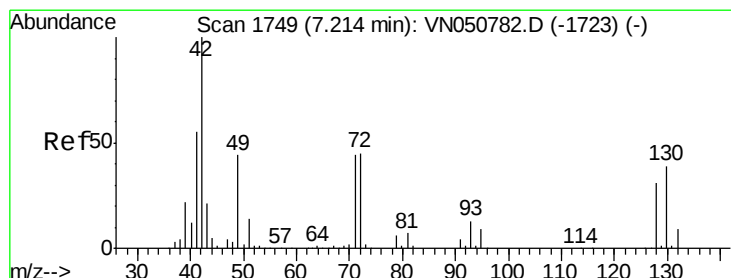
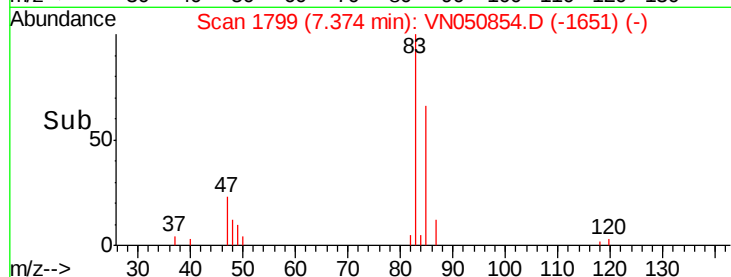
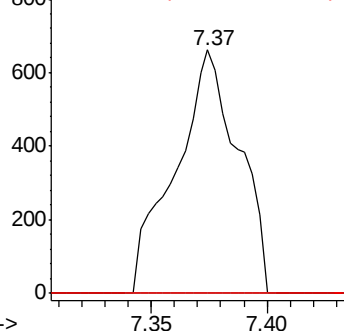
130 0.0 67.1 100.7#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0



#29

Tetrahydrofuran

Concen: 1.06 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

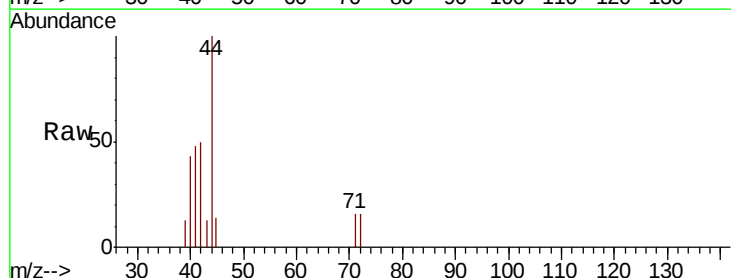
Tgt Ion: 42 Resp: 1805

Ion Ratio Lower Upper

42 100

72 11.7 35.5 53.3#

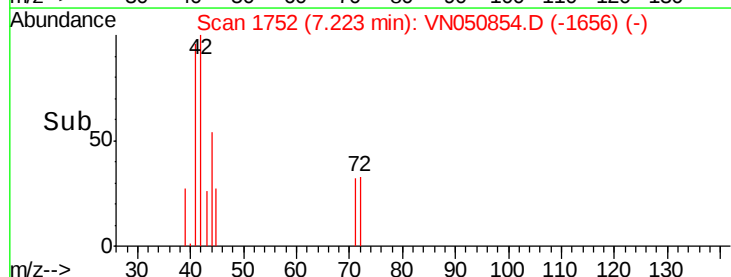
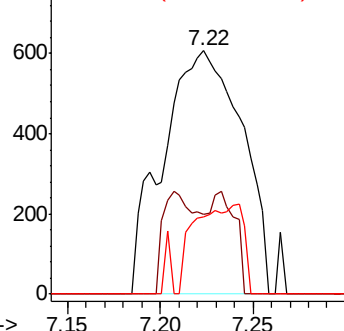
71 23.0 33.7 50.5#

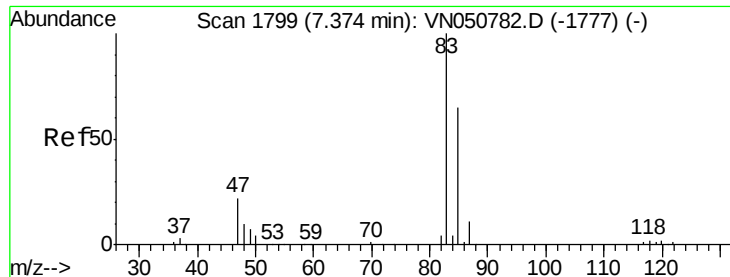


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

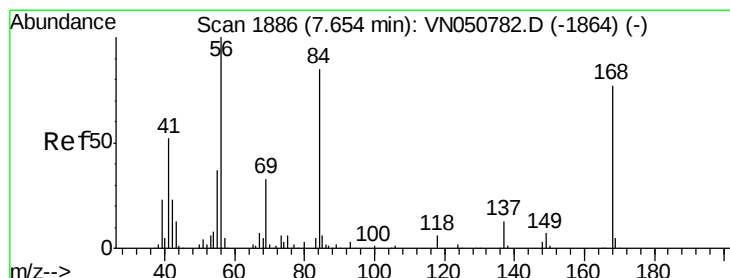
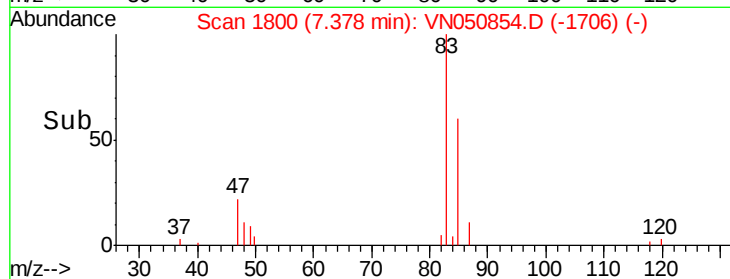
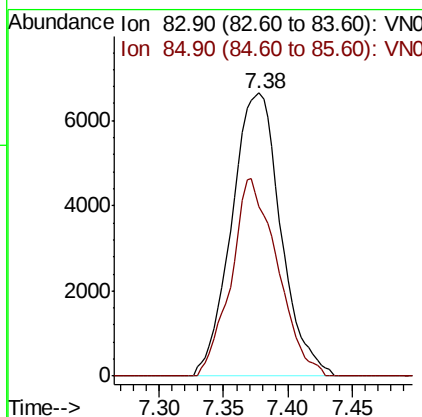
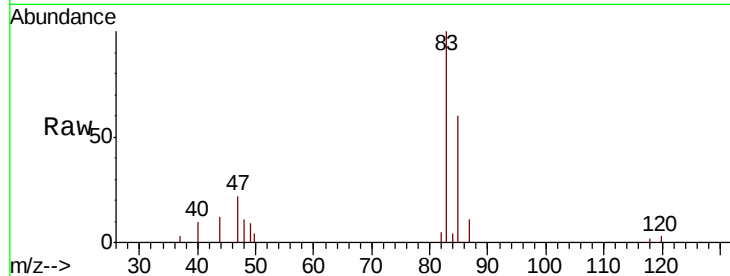




#30
Chloroform
Concen: 1.30 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

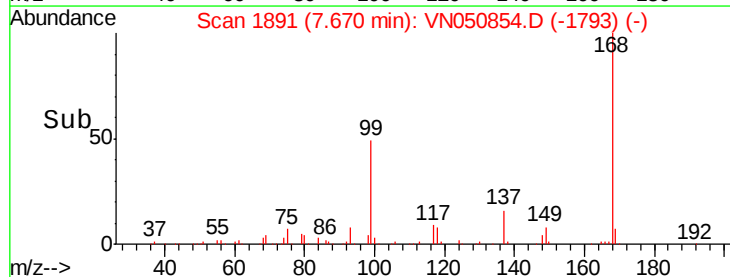
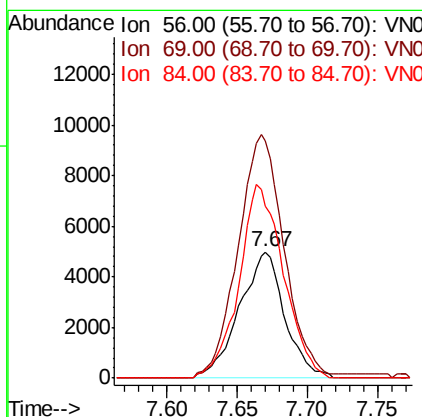
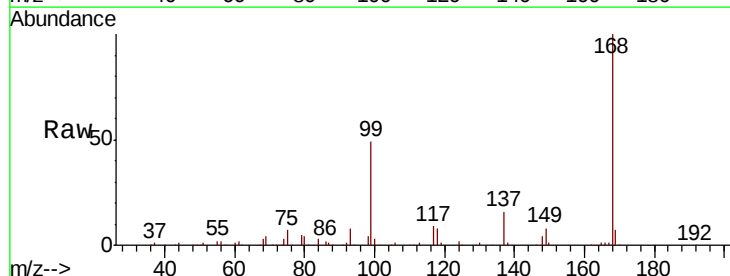
Instrument :
MSVOA_N
ClientSampleId :

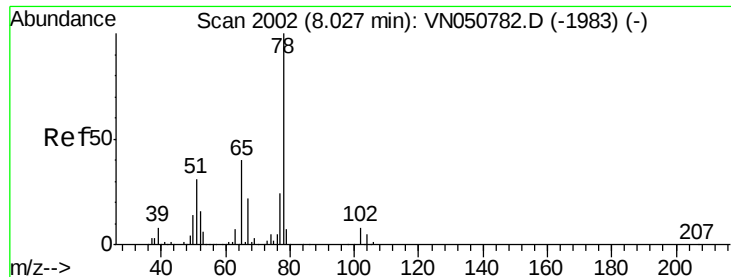
Tot Ion: 83 Resp: 17629
Ion Ratio Lower Upper
83 100
85 59.7 52.2 78.4



#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

Tgt Ion: 56 Resp: 11175
Ion Ratio Lower Upper
56 100
69 187.9 26.2 39.4#
84 136.5 68.3 102.5#





#33

1,2-Dichloroethane-d4

Concen: 54.86 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

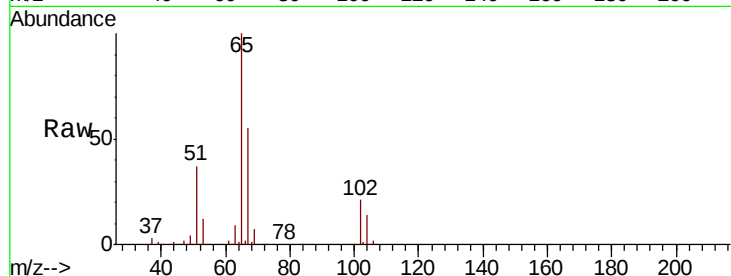
ClientSampleId :

Tot Ion: 65 Resp: 403518

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050782.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050782.D (-1983) (-)

8.03

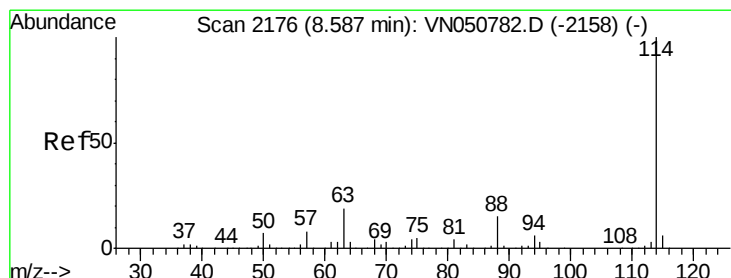
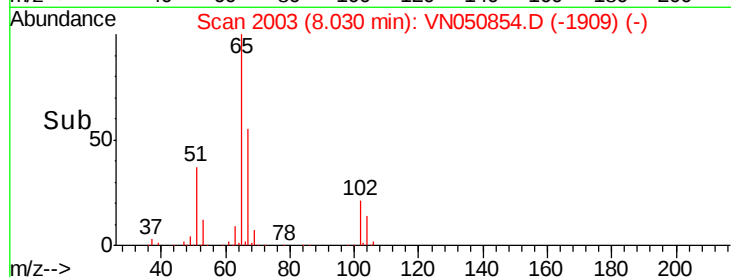
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

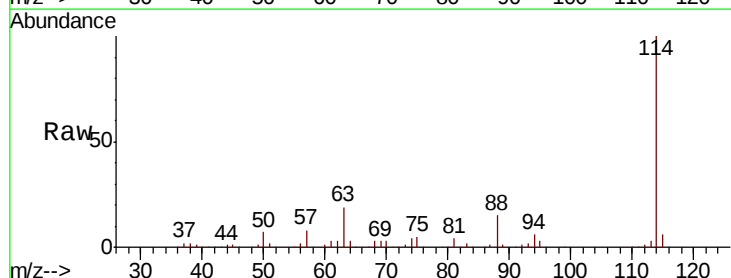
Tgt Ion: 114 Resp: 1015180

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN050782.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050782.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050782.D (-2158) (-)

8.59

600000

500000

400000

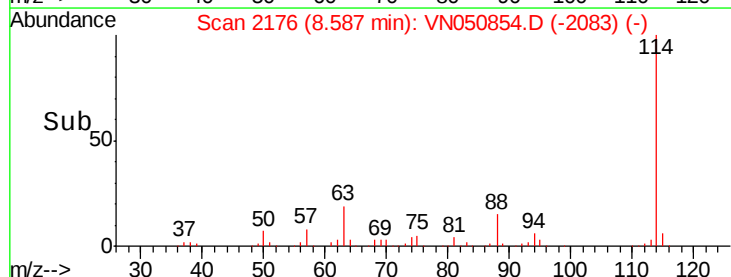
300000

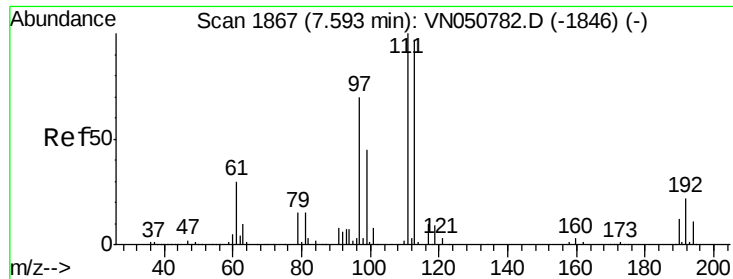
200000

100000

0

Time-->

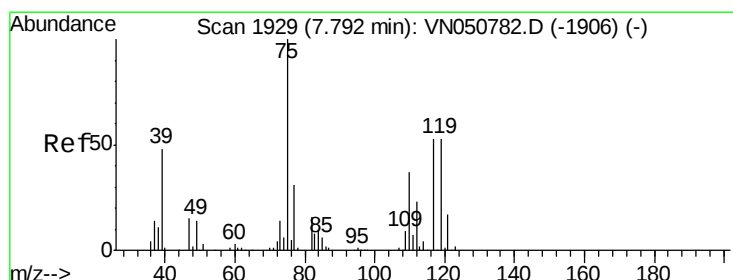
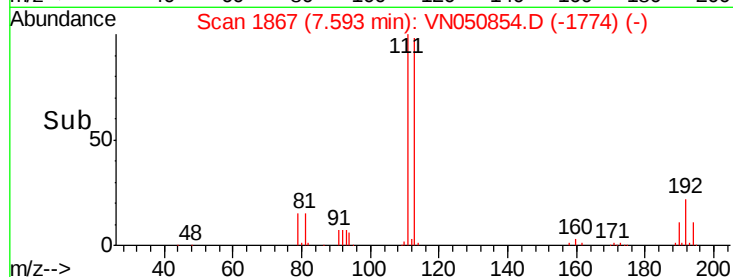
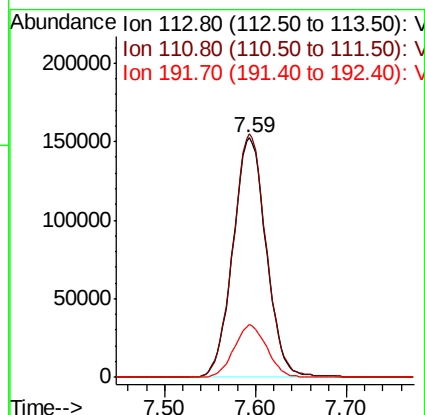
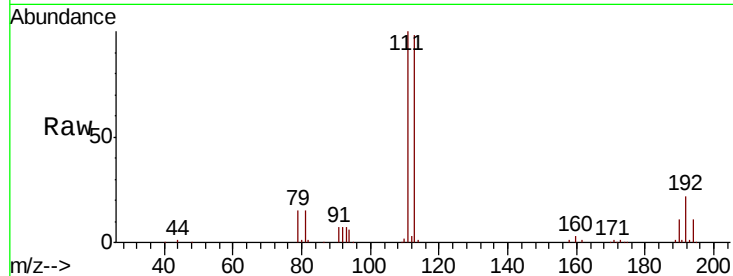




#35
 Dibromofluoromethane
 Concen: 48.00 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050854.D
 Acq: 23 Aug 2018 15:35

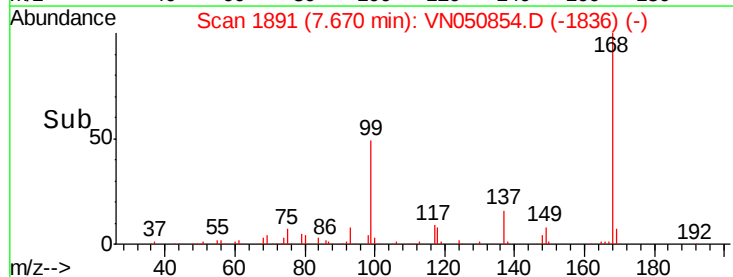
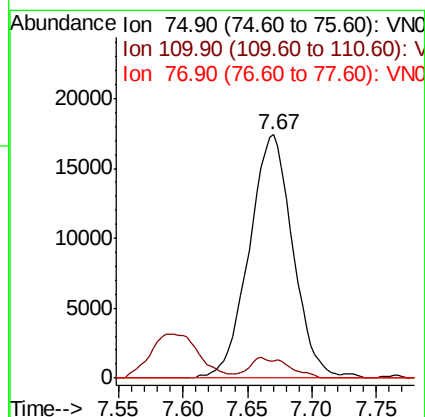
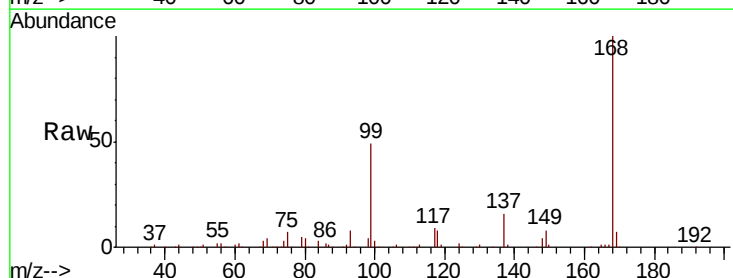
Instrument :
 MSVOA_N
 ClientSampleId :

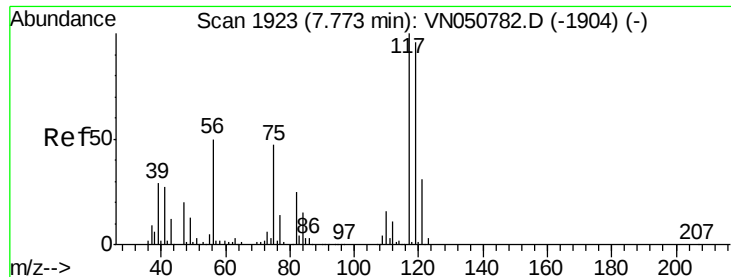
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	21.7	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.42 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050854.D
 Acq: 23 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.8	18.1	54.4#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 4.59 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.10 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

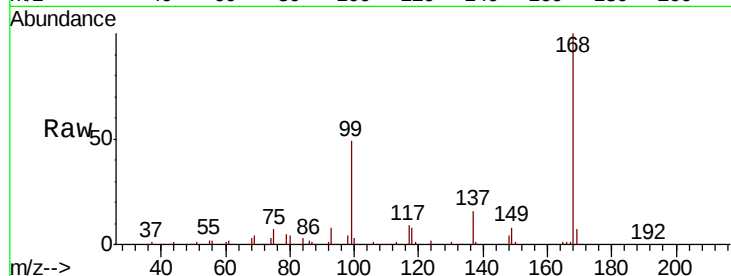
Tot Ion:117 Resp: 55541

Ion Ratio Lower Upper

117 100

119 5.5 76.3 114.5#

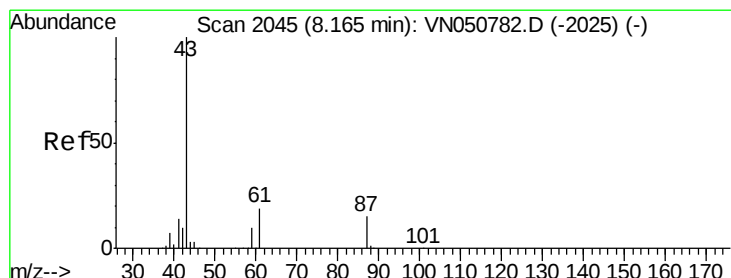
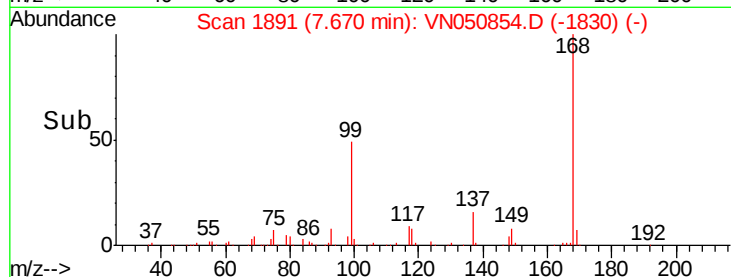
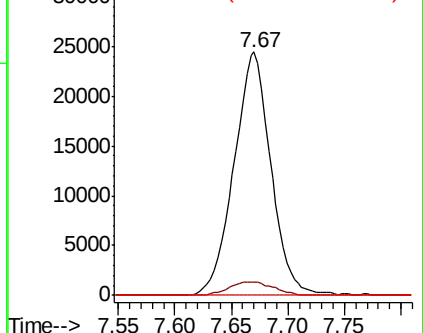
121 0.0 24.6 36.8#



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: 25.11 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

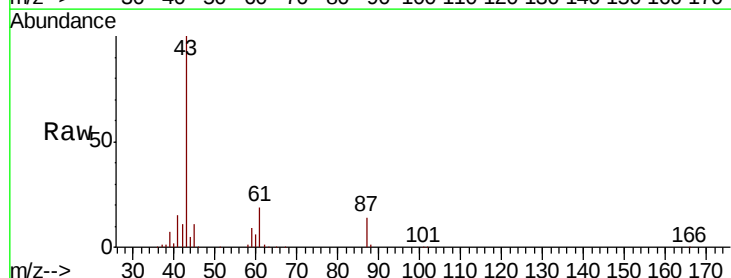
Tgt Ion: 43 Resp: 297132

Ion Ratio Lower Upper

43 100

61 17.2 17.5 26.3#

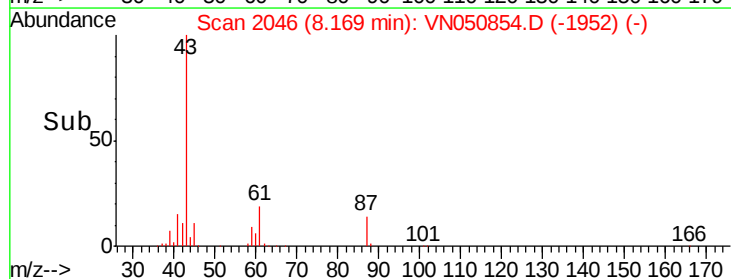
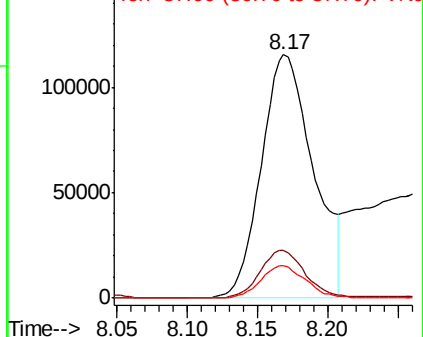
87 11.6 11.3 16.9

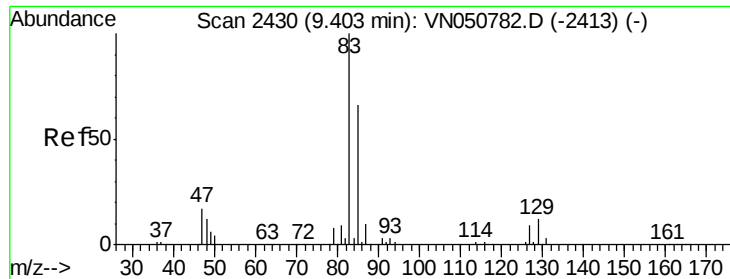


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#47

Bromodichloromethane

Concen: 0.35 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

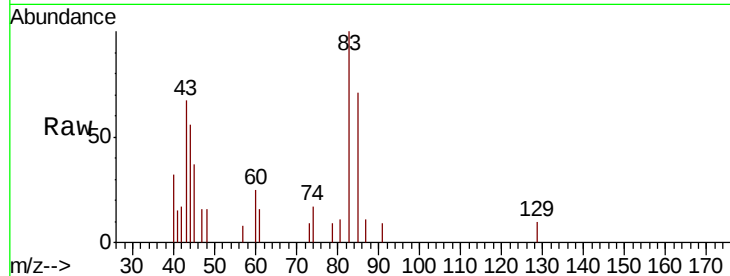
Tot Ion: 83 Resp: 4044

Ion Ratio Lower Upper

83 100

85 70.6 52.6 78.8

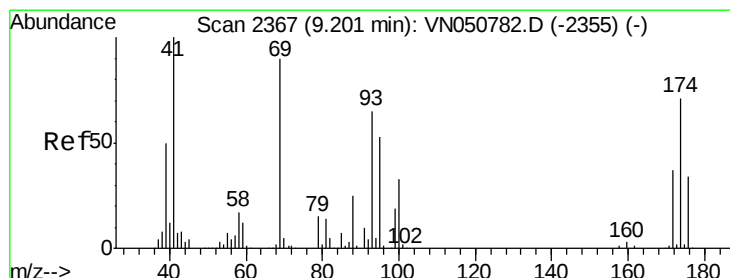
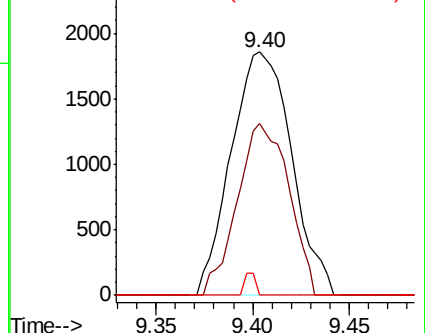
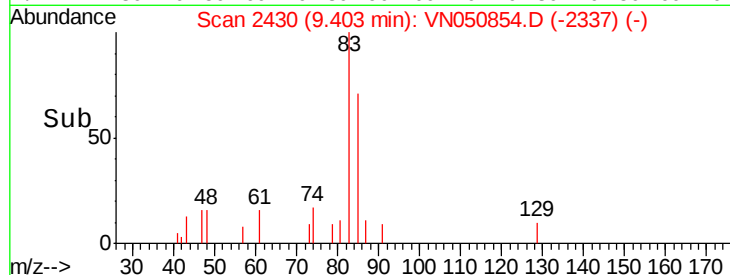
127 0.0 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VN050854.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050854.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050854.D (-2337) (-)



#48

Methyl methacrylate

Concen: 1.32 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

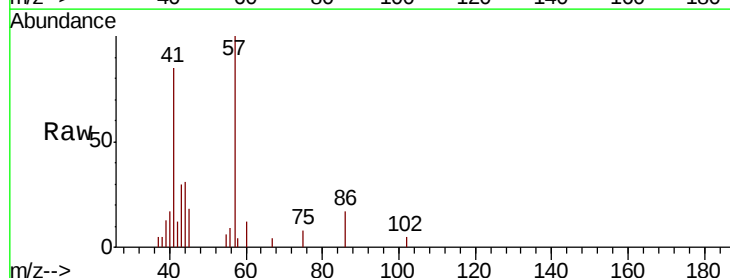
Tgt Ion: 41 Resp: 7959

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

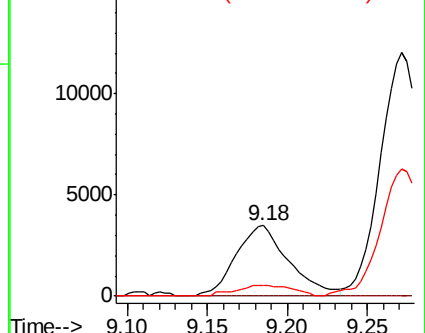
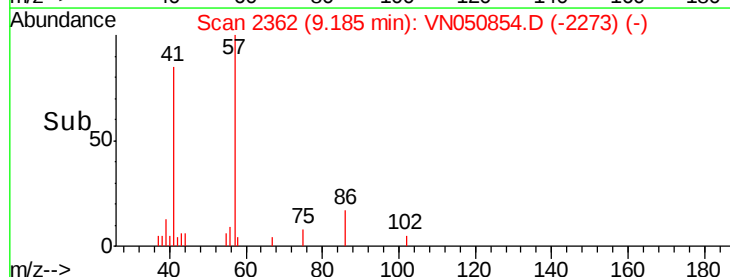
39 16.2 42.2 63.2#

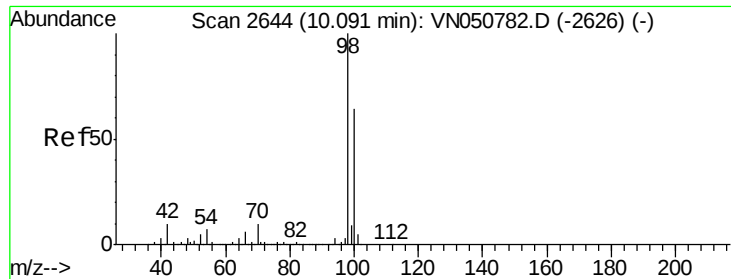


Abundance Ion 41.00 (40.70 to 41.70): VN050854.D (-2273) (-)

Ion 69.00 (68.70 to 69.70): VN050854.D (-2273) (-)

Ion 39.00 (38.70 to 39.70): VN050854.D (-2273) (-)

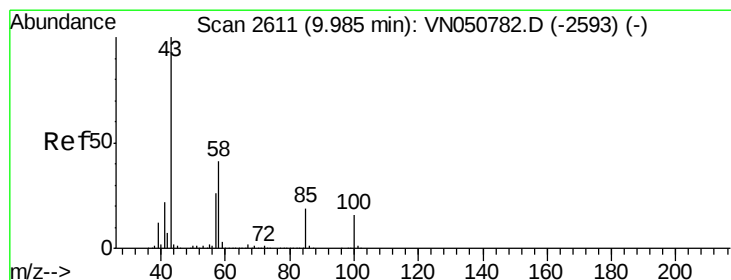
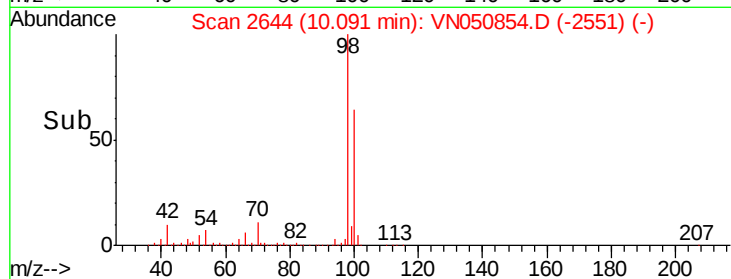
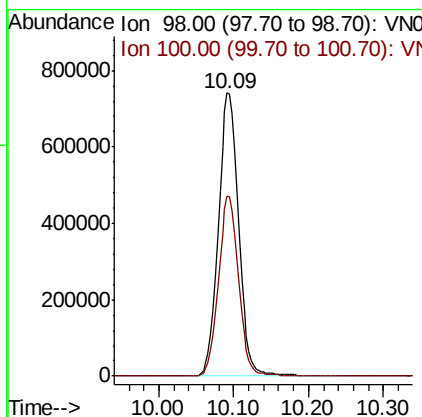
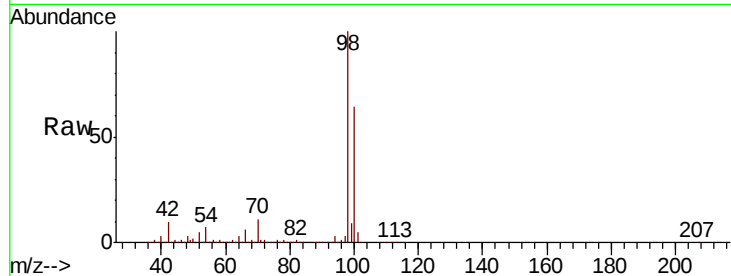




#50
Toluene-d8
Concen: 46.00 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

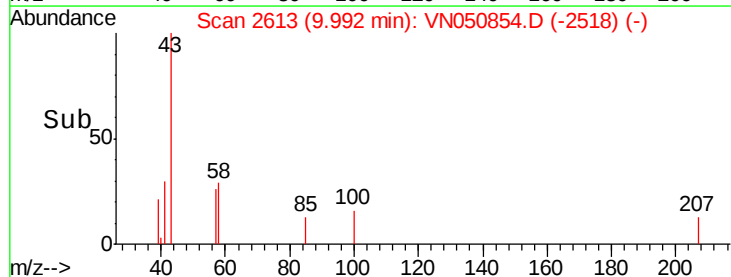
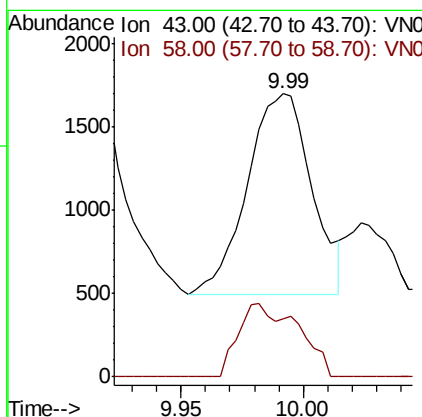
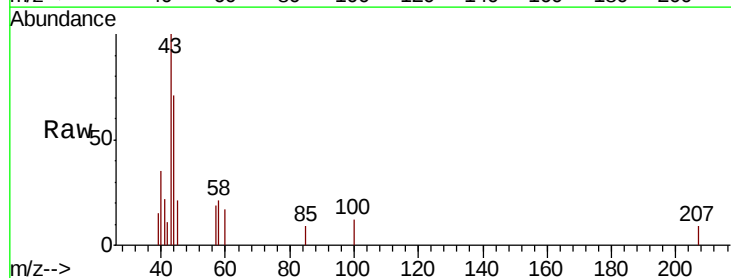
Instrument :
MSVOA_N
ClientSampled :

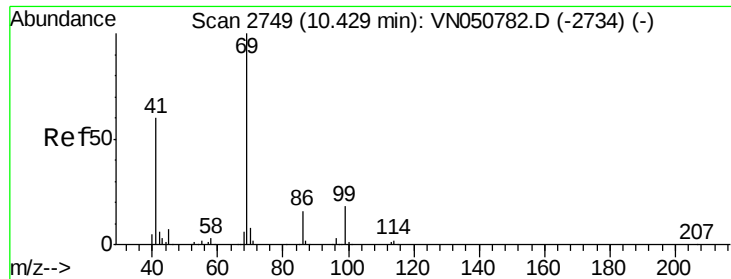
Tot Ion: 98 Resp: 1388908
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.31 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 33.9 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.36 ug/l

RT: 10.27 min Scan# 2701

Delta R.T. -0.15 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

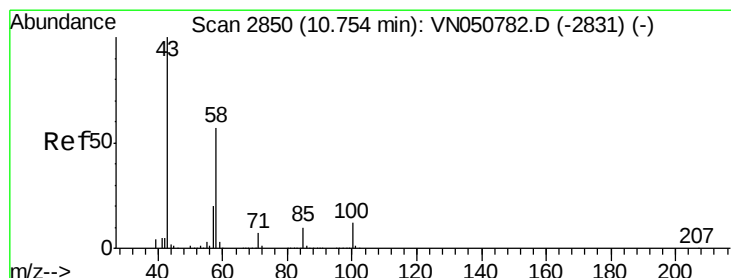
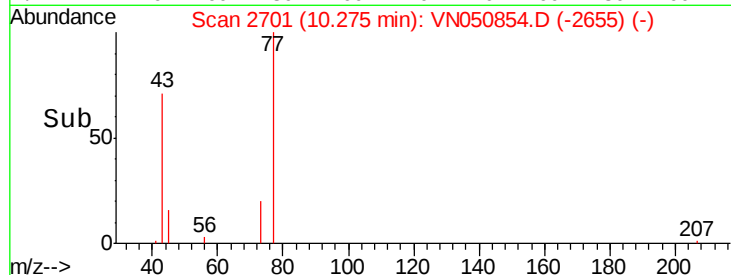
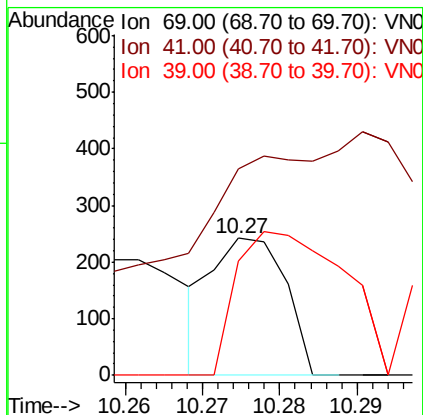
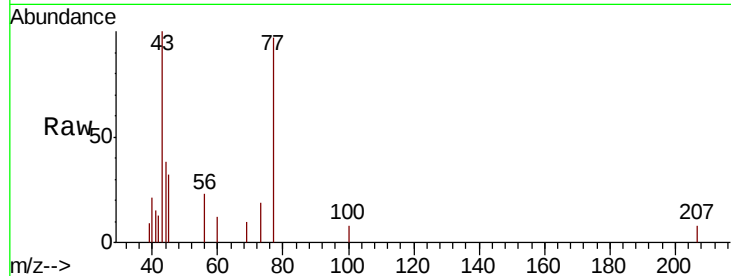
Tot Ion: 69 Resp: 159

Ion Ratio Lower Upper

69 100

41 586.2 48.3 72.5#

39 154.7 24.0 36.0#



#59

2-Hexanone

Concen: 3.74 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050854.D

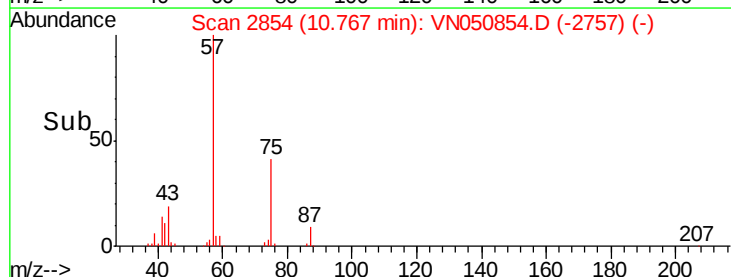
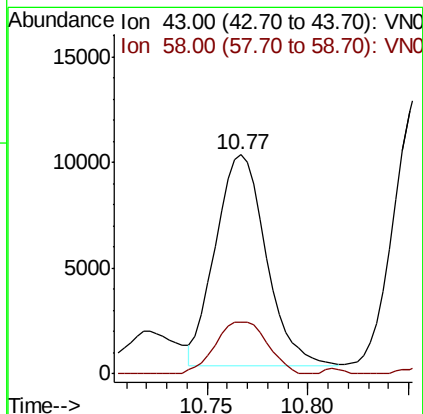
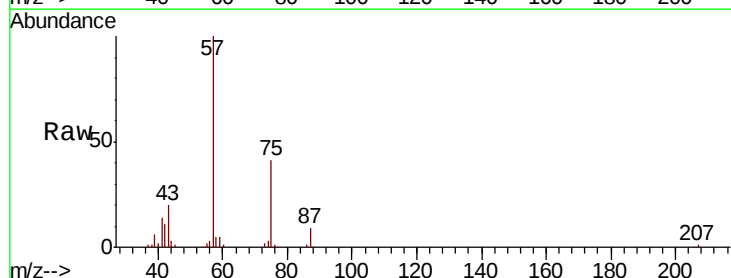
Acq: 23 Aug 2018 15:35

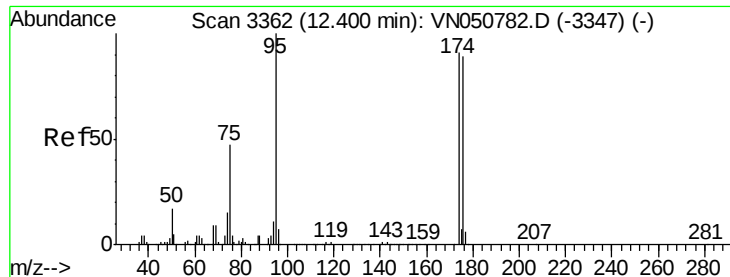
Tgt Ion: 43 Resp: 17587

Ion Ratio Lower Upper

43 100

58 25.2 28.3 85.0#





#62

4-Bromofluorobenzene

Concen: 38.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

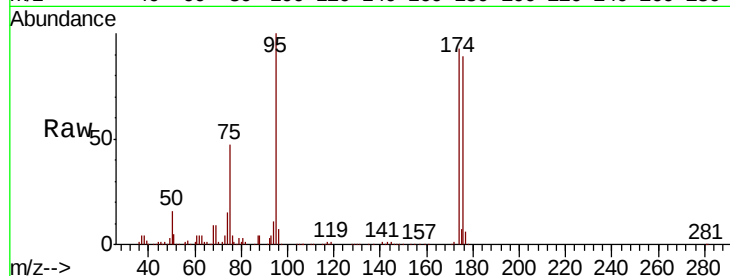
Tot Ion: 95 Resp: 381325

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.0

176 88.2 0.0 178.8



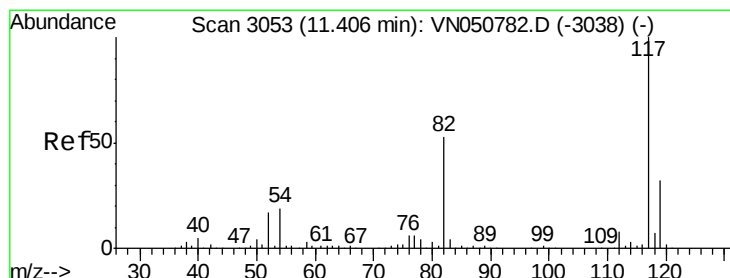
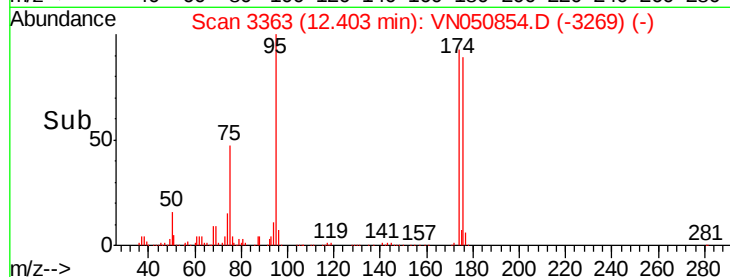
Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

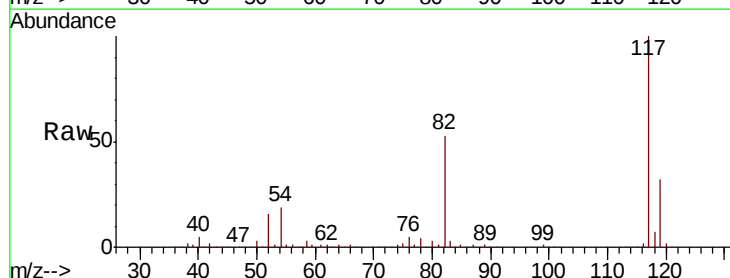
Tgt Ion: 117 Resp: 872535

Ion Ratio Lower Upper

117 100

82 52.5 42.6 64.0

119 32.5 25.8 38.6



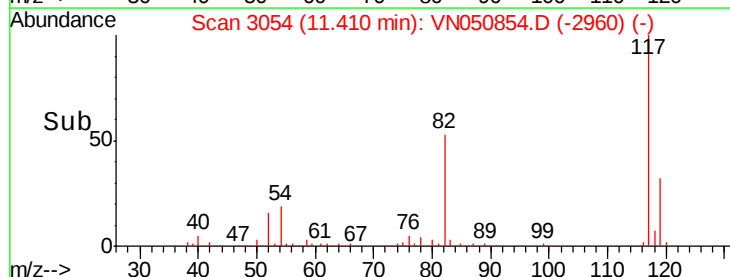
Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

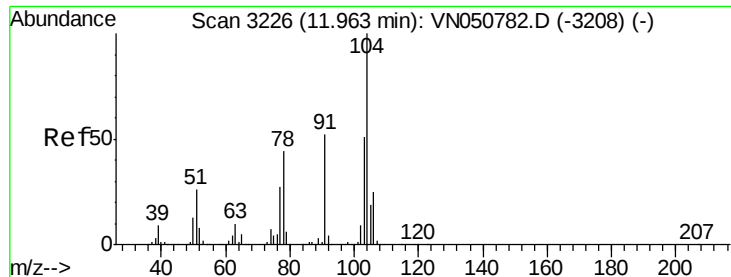
Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

11.41

Time-->





#70

Stvrene

Concen: 1.27 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

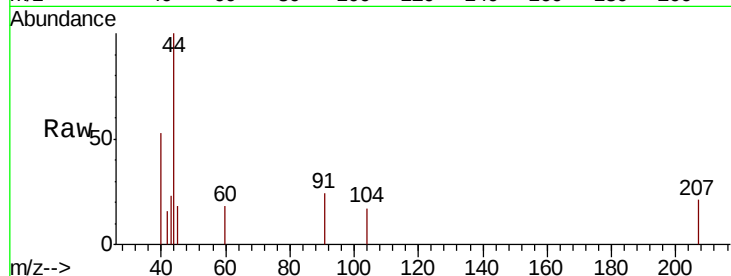
Tot Ion:104 Resp: 69

Ion Ratio Lower Upper

104 100

78 42.0 38.2 57.4

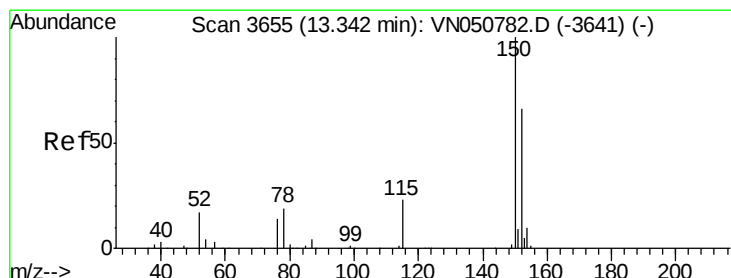
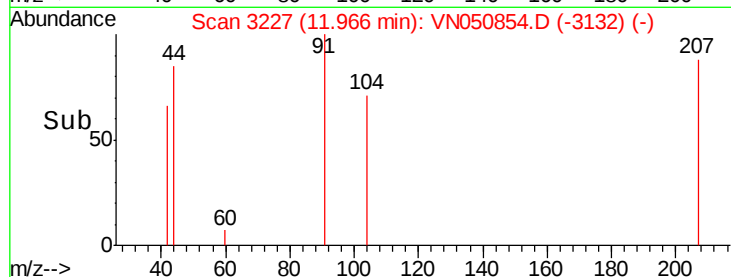
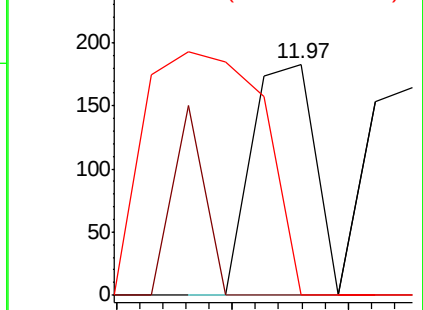
103 198.6 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VN050854.D

Acq: 23 Aug 2018 15:35

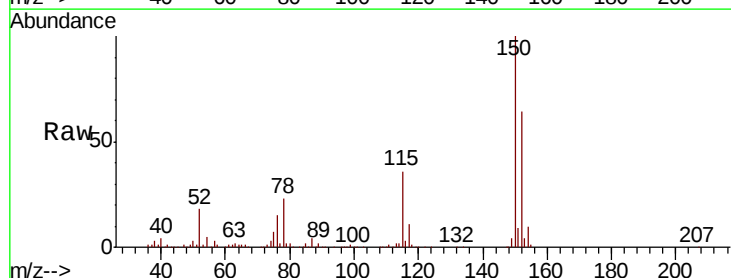
Tgt Ion:152 Resp: 312242

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

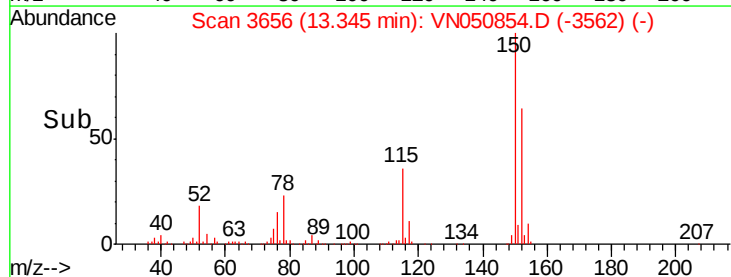
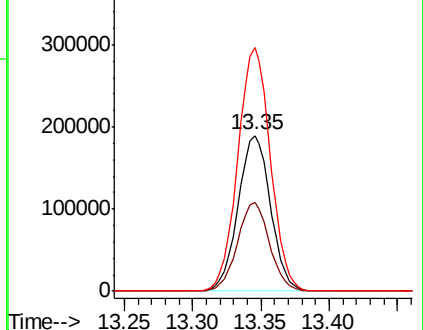
150 157.2 0.0 351.4

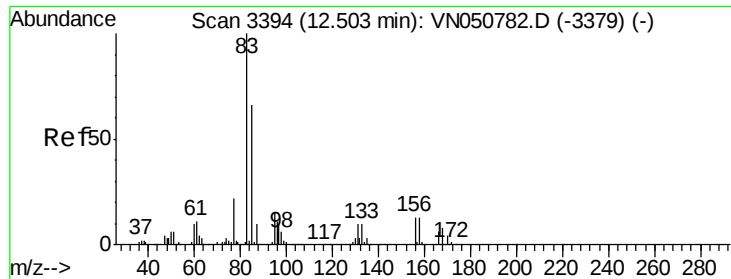


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.42 min Scan# 3367

Delta R.T. -0.09 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

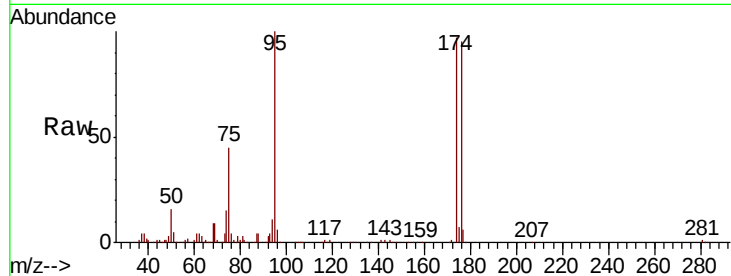
Tot Ion: 83 Resp: 89

Ion Ratio Lower Upper

83 100

131 368.5 5.3 15.9#

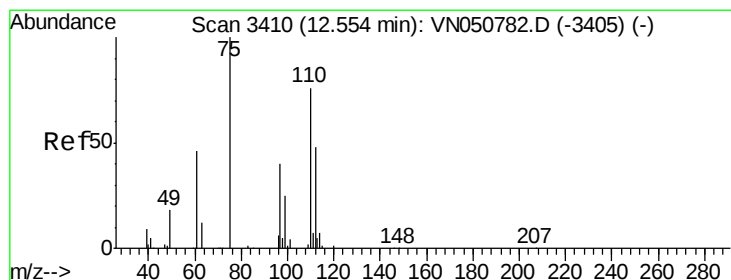
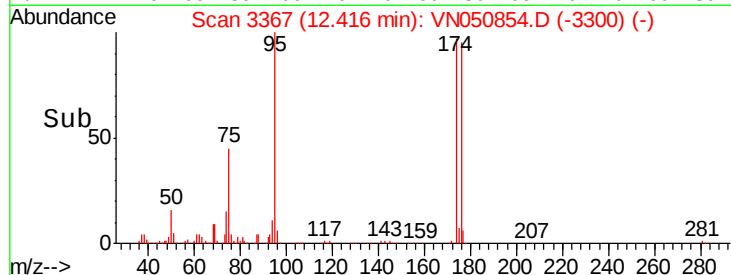
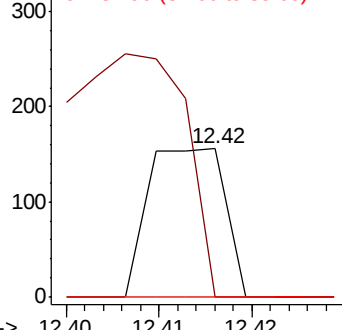
85 0.0 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.65 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050854.D

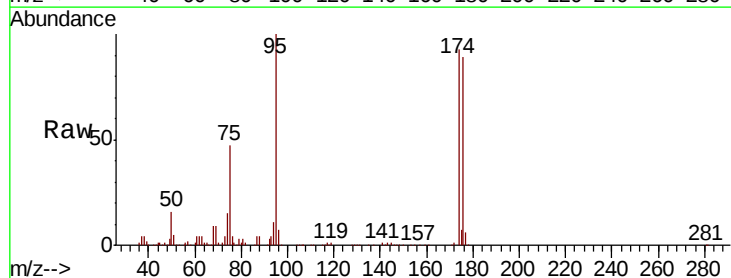
Acq: 23 Aug 2018 15:35

Tgt Ion: 75 Resp: 178568

Ion Ratio Lower Upper

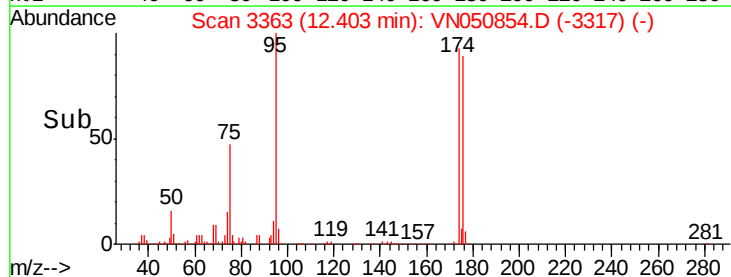
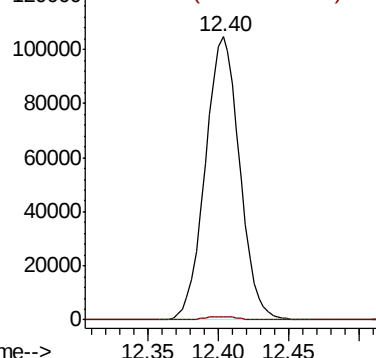
75 100

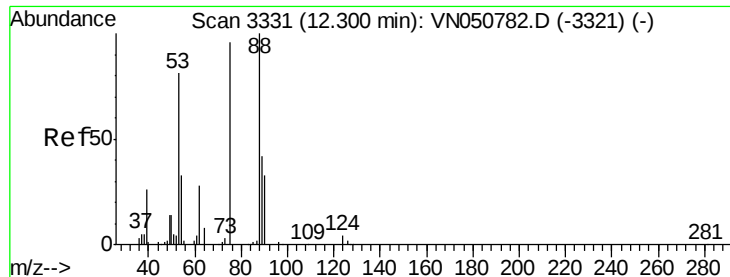
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 110.38 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

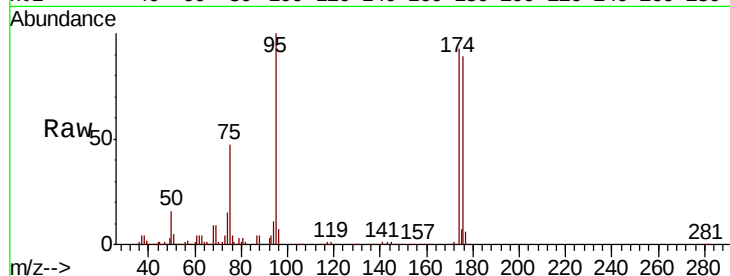
Tot Ion: 75 Resp: 178568

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

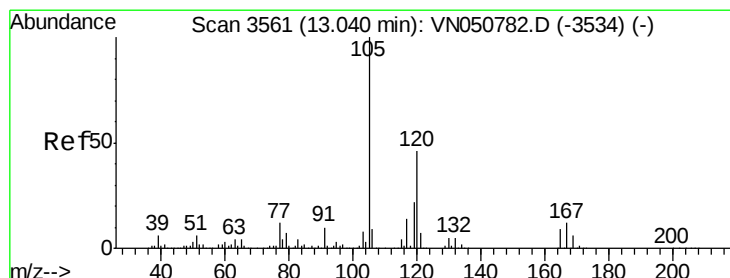
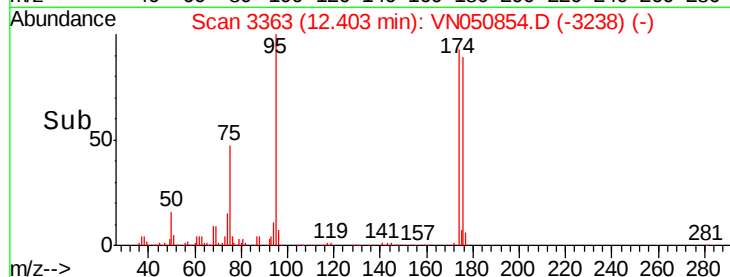
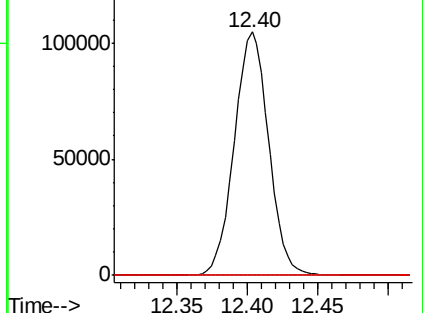
89 0.0 36.1 54.1#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.27 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050854.D

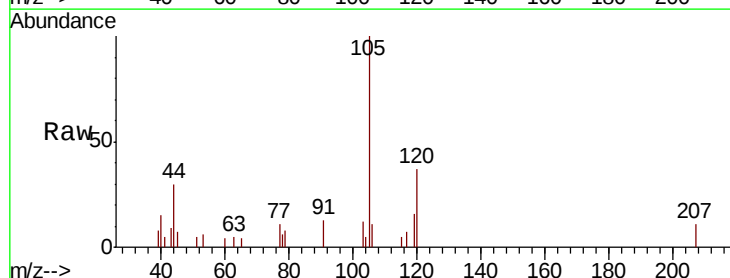
Acq: 23 Aug 2018 15:35

Tgt Ion: 105 Resp: 5627

Ion Ratio Lower Upper

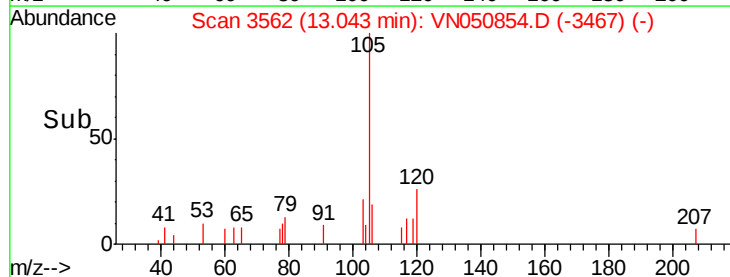
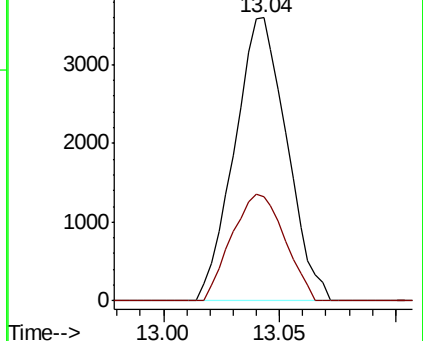
105 100

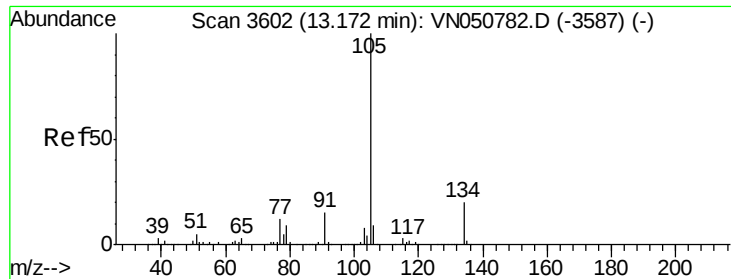
120 38.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.24 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.13 min

Lab File: VN050854.D

Acq: 23 Aug 2018 15:35

Instrument :

MSVOA_N

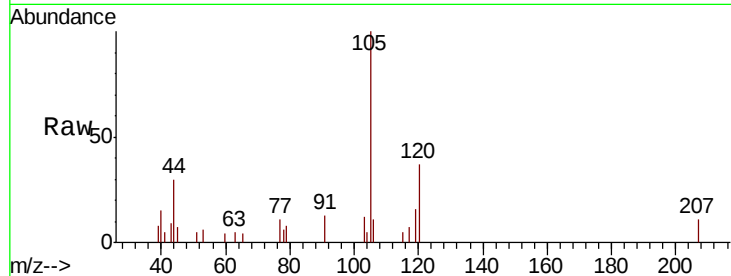
ClientSampled :

Tot Ion:105 Resp: 5627

Ion Ratio Lower Upper

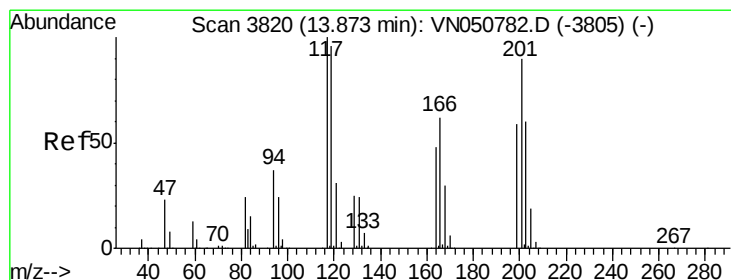
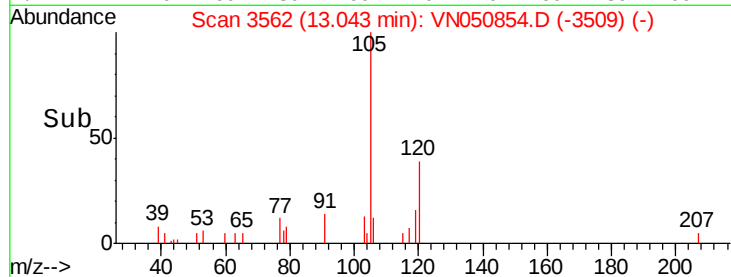
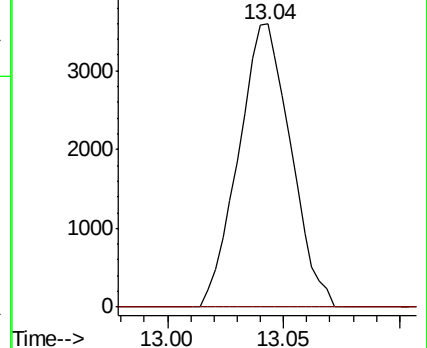
105 100

134 0.0 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.25 ug/l

RT: 13.90 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN050854.D

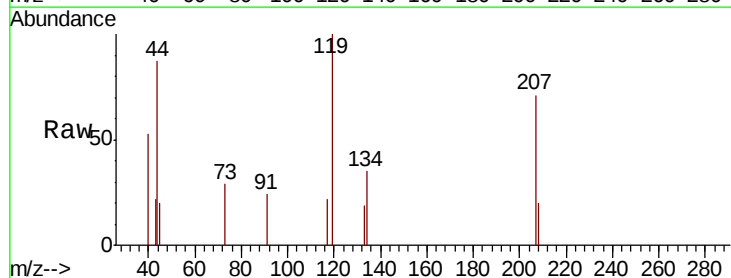
Acq: 23 Aug 2018 15:35

Tgt Ion:117 Resp: 267

Ion Ratio Lower Upper

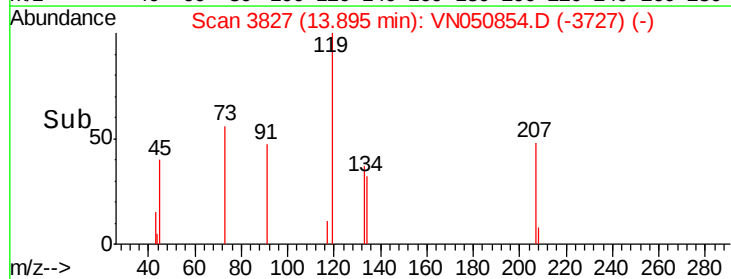
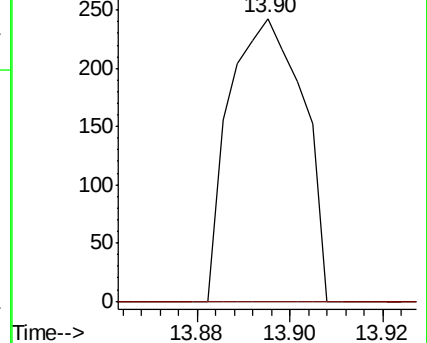
117 100

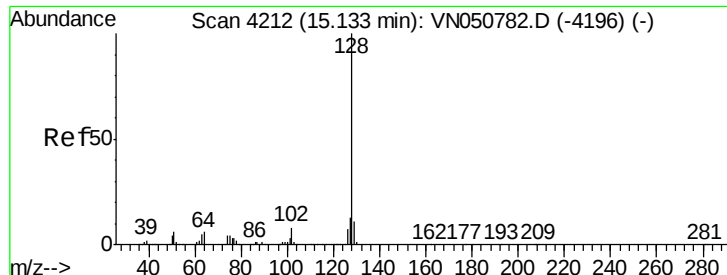
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95
Naphthalene
Concen: 7.97 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050854.D
Acq: 23 Aug 2018 15:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.6	8.7	13.1

