

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050829.D
 Acq On : 22 Aug 2018 19:09
 Operator : MD\SY
 Sample : J4283-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-082118

Quant Time: Aug 23 01:08:52 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	707838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1152933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	935933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	322852	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	452155	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	
35) Dibromofluoromethane	7.59	113	430171	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
50) Toluene-d8	10.09	98	1539155	44.88	ug/l	0.00
Spiked Amount			Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.40	95	413341	36.27	ug/l	0.00
Spiked Amount			Recovery	=	72.54%	

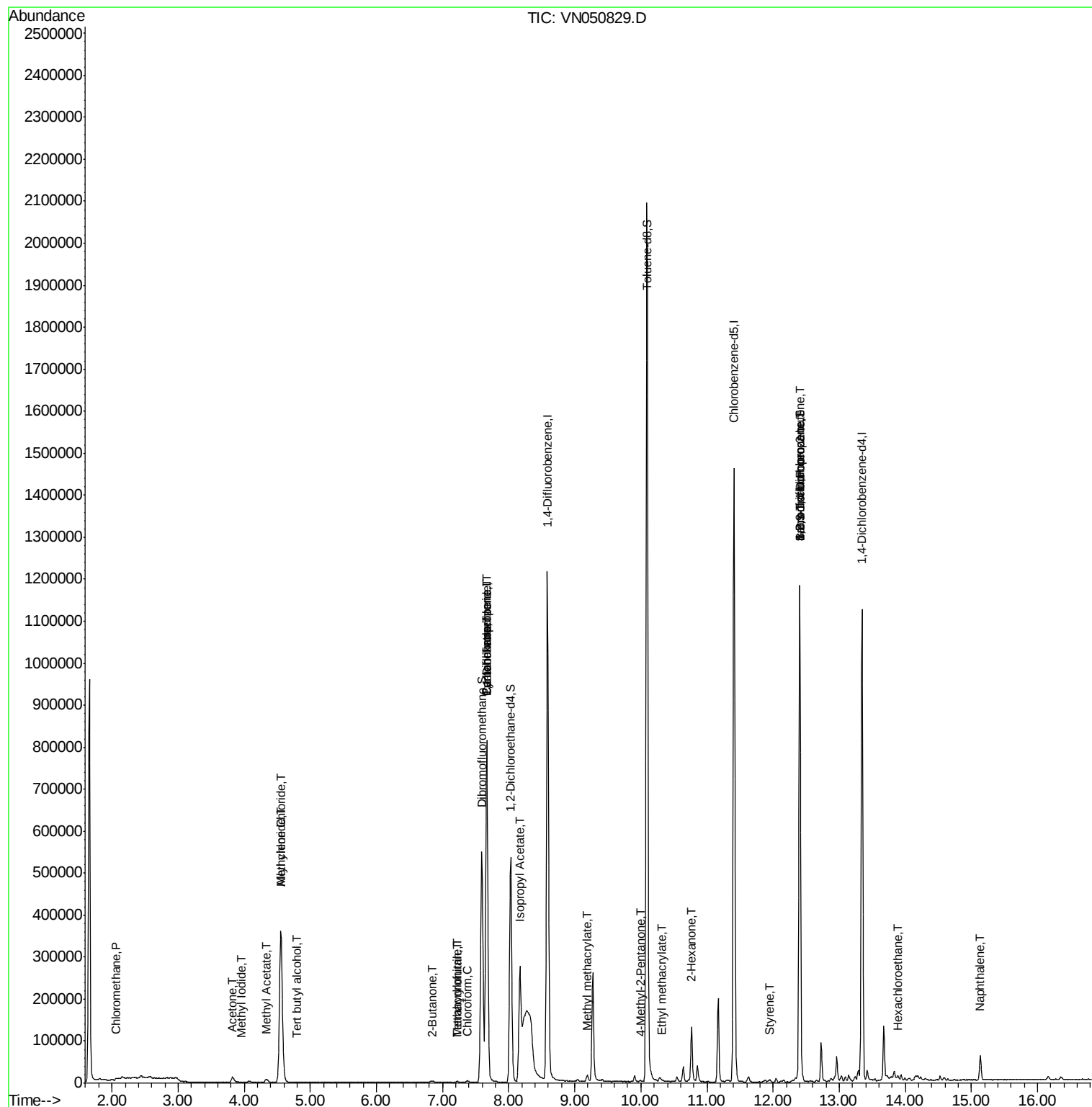
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2452	0.21	ug/l	# 81
5) Bromomethane	2.57	94	2923	Below	Cal	86
10) Methyl Iodide	3.96	142	666	6.42	ug/l	# 43
11) Tert butyl alcohol	4.79	59	198	0.36	ug/l	# 72
14) Allyl chloride	4.56	41	10880	0.88	ug/l	# 26
16) Acetone	3.82	43	21589	3.74	ug/l	97
18) Methyl Acetate	4.33	43	16536	2.06	ug/l	94
20) Methylene Chloride	4.55	84	288272	30.02	ug/l	98
25) 2-Butanone	6.85	43	4013	1.17	ug/l	# 89
29) Tetrahydrofuran	7.23	42	2064	1.05	ug/l	# 33
30) Chloroform	7.37	83	5175	0.33	ug/l	95
31) Cyclohexane	7.66	56	12091	1.29	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	48298	3.55	ug/l	# 47
38) Carbon Tetrachloride	7.67	117	60300	4.38	ug/l	# 16
41) Methacrylonitrile	7.22	41	1213	0.29	ug/l	# 40
43) Isopropyl Acetate	8.17	43	355418	26.45	ug/l	# 91
48) Methyl methacrylate	9.18	41	8726	1.27	ug/l	# 15
51) 4-Methyl-2-Pentanone	9.99	43	2056	0.26	ug/l	96
56) Ethyl methacrylate	10.32	69	97	2.36	ug/l	# 28
59) 2-Hexanone	10.77	43	18421	3.45	ug/l	# 57
70) Styrene	11.96	104	222	1.28	ug/l	# 47
71) Bromoform	12.40	173	2640	0.43	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.56	83	103	Below	Cal	# 26
76) 1,2,3-Trichloropropane	12.40	75	193388	34.20	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	193388	115.61	ug/l	# 15
90) Hexachloroethane	13.89	117	64	0.20	ug/l	# 4
95) Naphthalene	15.13	128	49310	8.81	ug/l	99

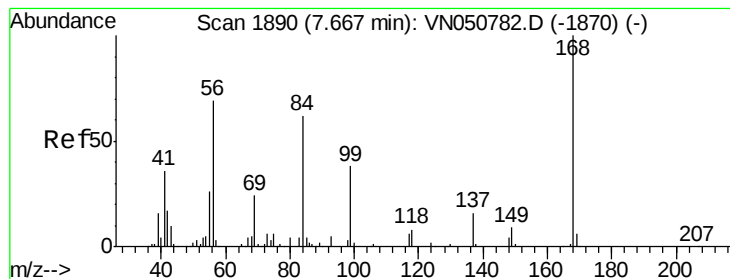
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 23 01:08:52 2018
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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: VN050829.D

Acq: 22 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

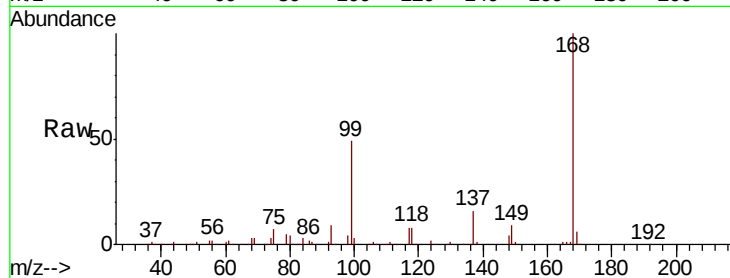
TR-05-082118

Tot Ion:168 Resp: 707838

Ion Ratio Lower Upper

168 100

99 49.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050829.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050829.D (-1797) (-)

7.67

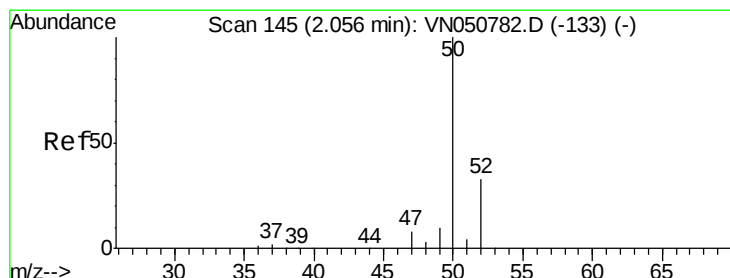
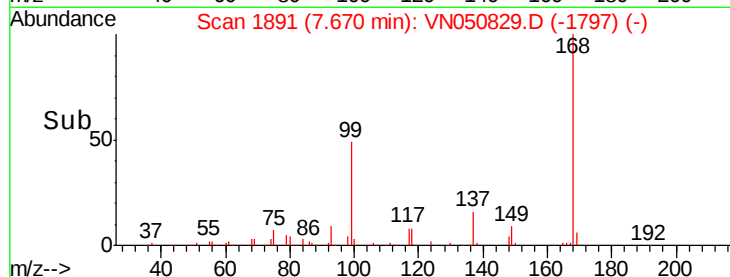
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050829.D

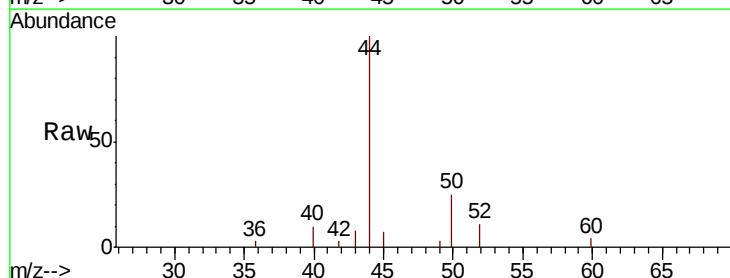
Acq: 22 Aug 2018 19:09

Tgt Ion: 50 Resp: 2452

Ion Ratio Lower Upper

50 100

52 43.7 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN050829.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN050829.D (-52) (-)

2.06

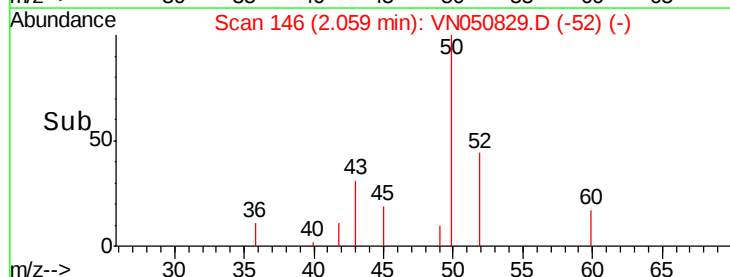
1500

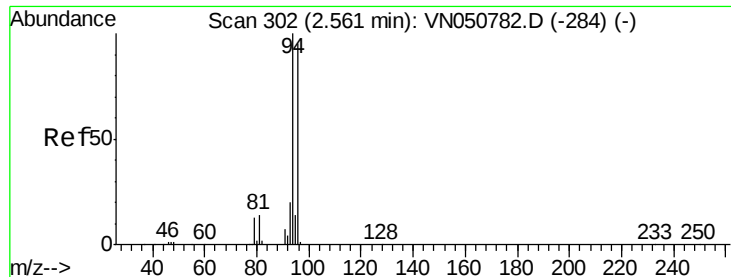
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

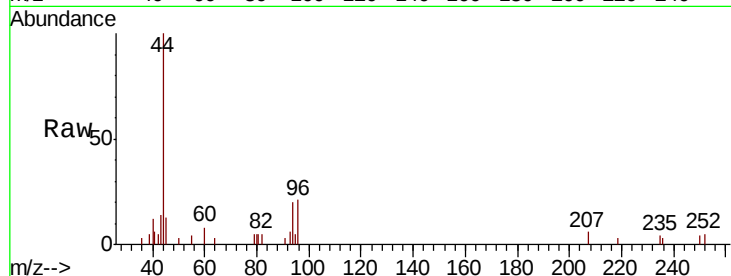
TR-05-082118

Tot Ion: 94 Resp: 2923

Ion Ratio Lower Upper

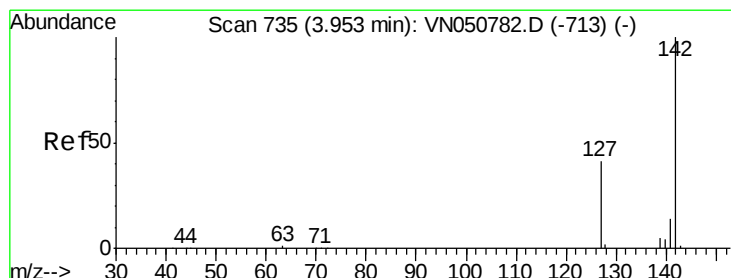
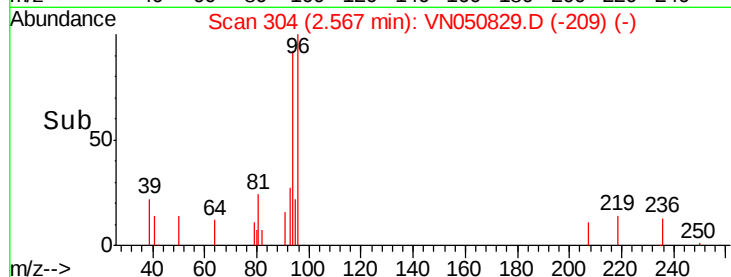
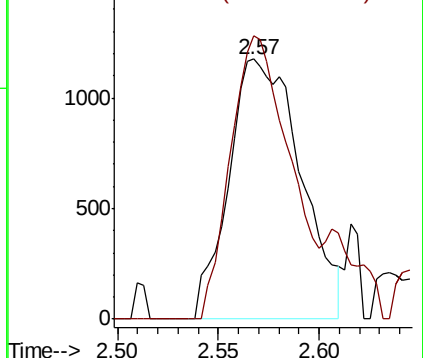
94 100

96 108.9 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050829.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050829.D (-284) (-)



#10

Methyl Iodide

Concen: 6.42 ug/l

RT: 3.96 min Scan# 738

Delta R.T. 0.01 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

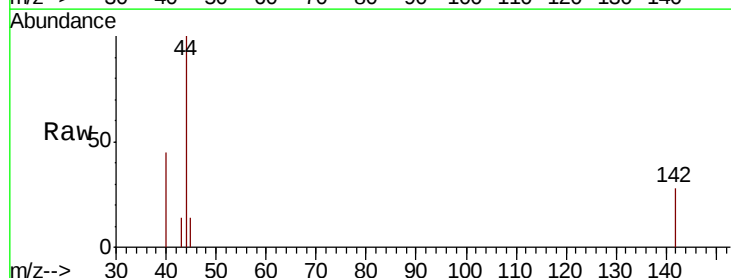
Tgt Ion: 142 Resp: 666

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

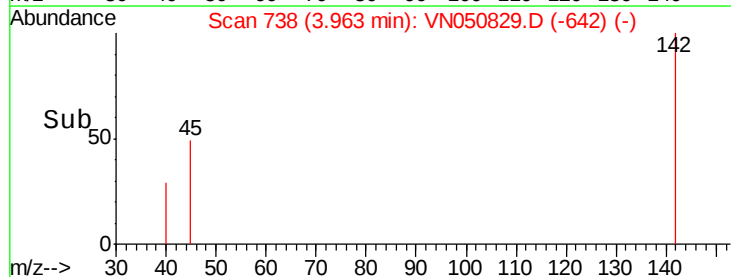
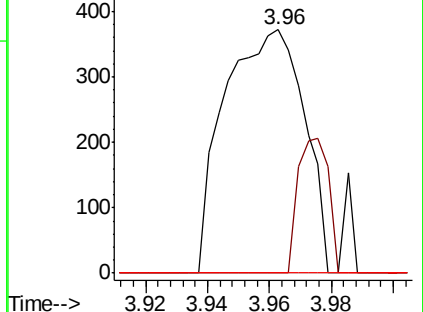
141 0.0 11.4 17.0#

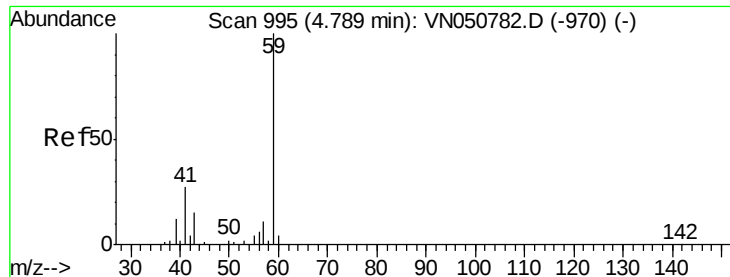


Abundance Ion 141.80 (141.50 to 142.50): VN050829.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050829.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050829.D (-642) (-)

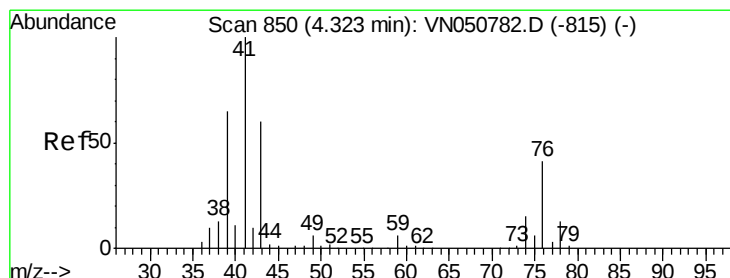
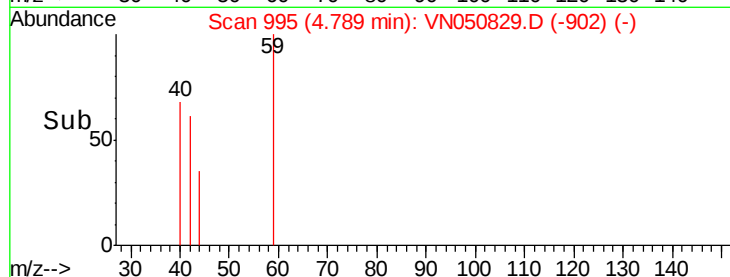
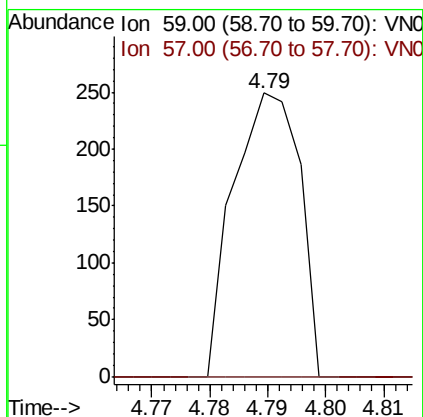
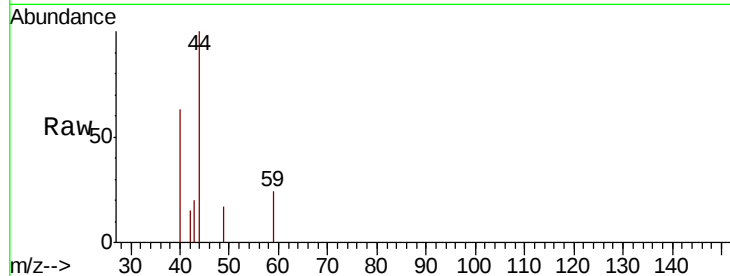




#11
Tert butyl alcohol
Concen: 0.36 ug/l
RT: 4.79 min Scan# 995
Delta R.T. -0.00 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

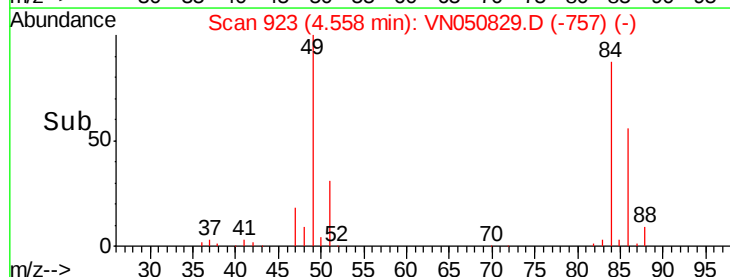
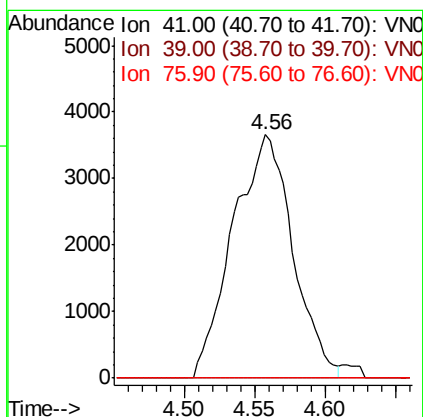
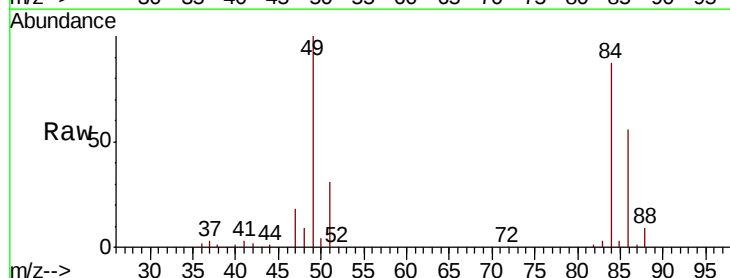
Instrument :
MSVOA_N
ClientSampled :
TR-05-082118

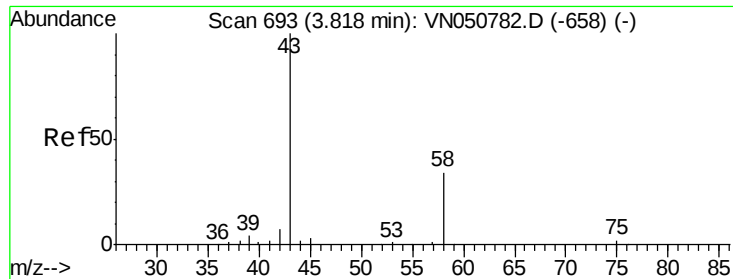
Tot Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.88 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.23 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

Tgt Ion: 41 Resp: 10880
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.2#
76 0.0 29.8 44.8#





#16

Acetone

Concen: 3.74 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

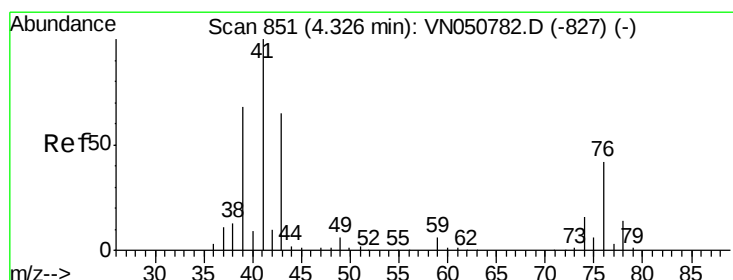
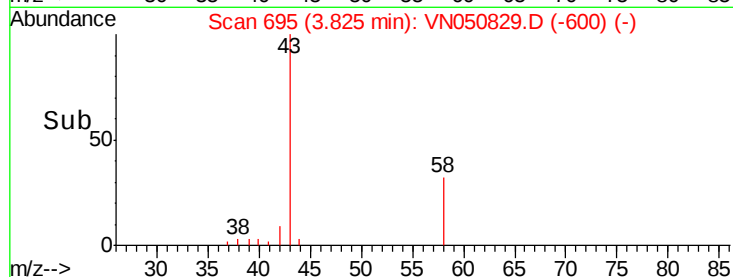
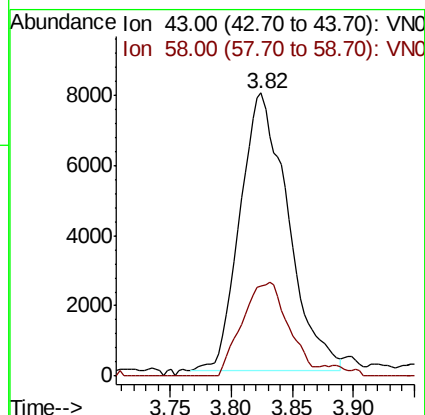
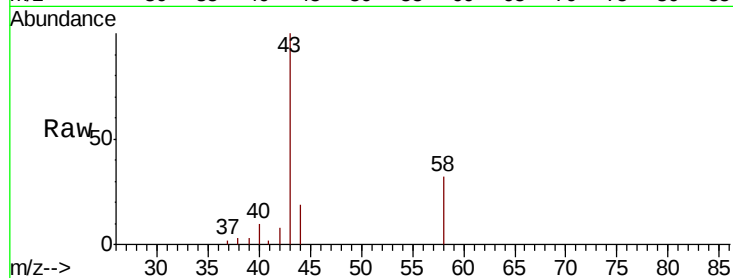
TR-05-082118

Tot Ion: 43 Resp: 21589

Ion Ratio Lower Upper

43 100

58 32.4 27.2 40.8



#18

Methyl Acetate

Concen: 2.06 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050829.D

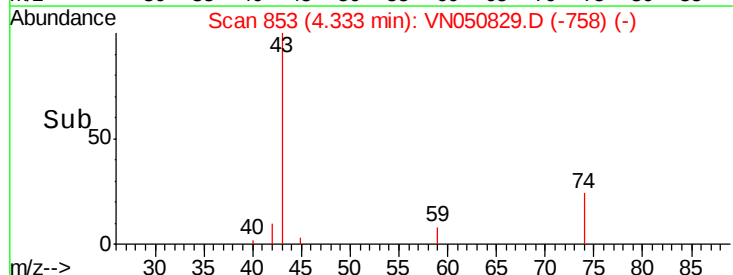
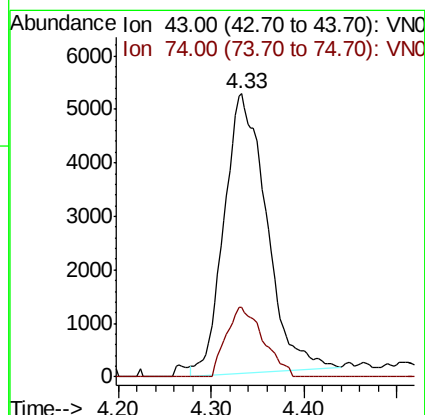
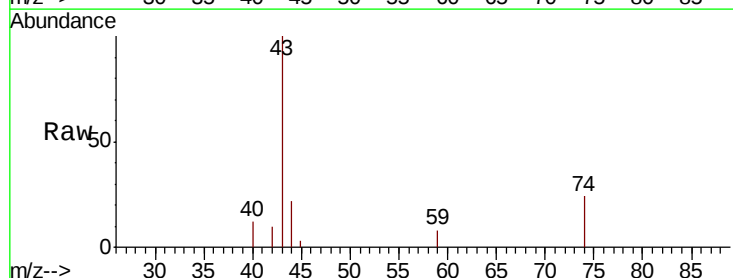
Acq: 22 Aug 2018 19:09

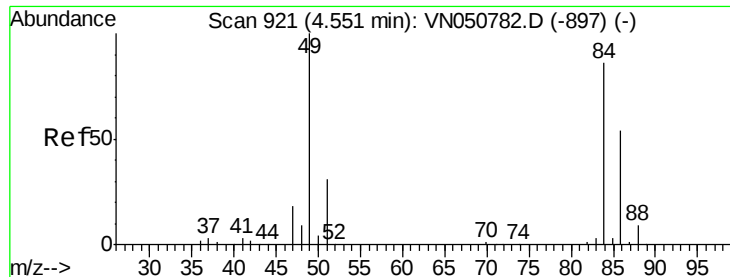
Tgt Ion: 43 Resp: 16536

Ion Ratio Lower Upper

43 100

74 21.8 19.8 29.8

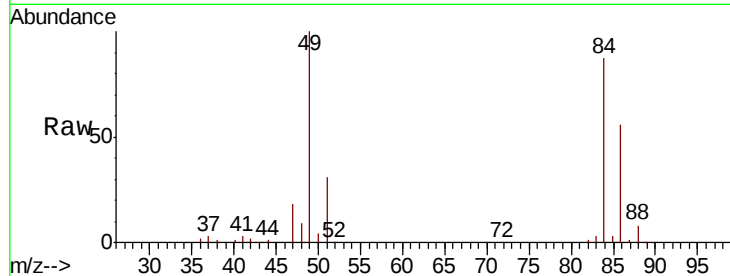




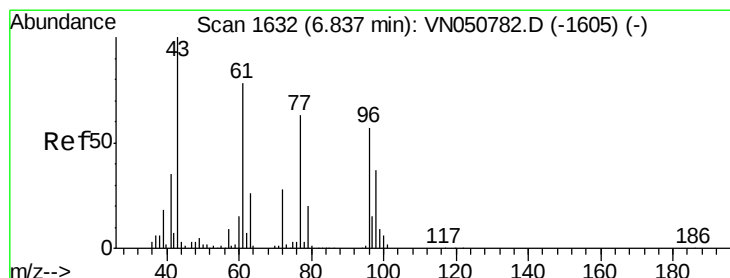
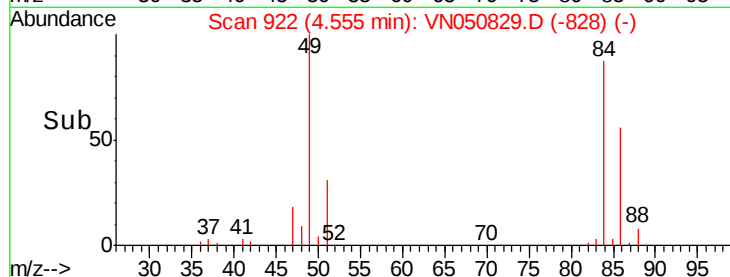
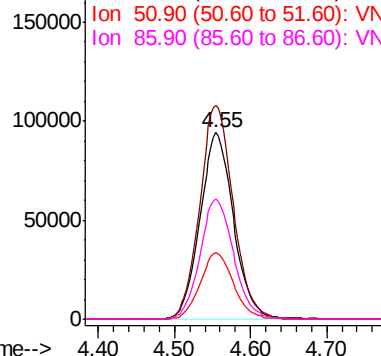
#20
Methylene Chloride
Concen: 30.02 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

Instrument :
MSVOA_N
ClientSampleId :
TR-05-082118

Tot Ion:	84	Resp:	288272
Ion	Ratio	Lower	Upper
84	100		
49	114.6	93.2	139.8
51	35.4	29.0	43.6
86	64.5	49.8	74.8

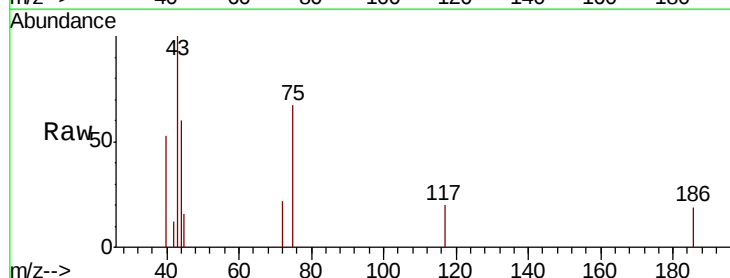


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

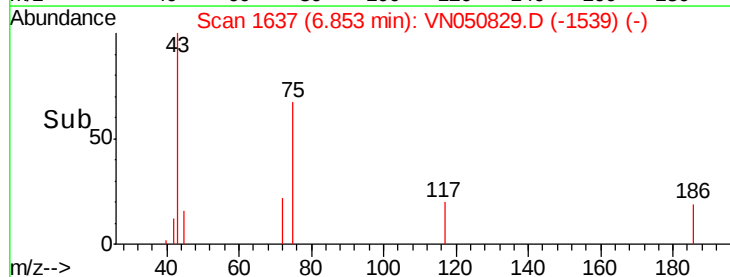
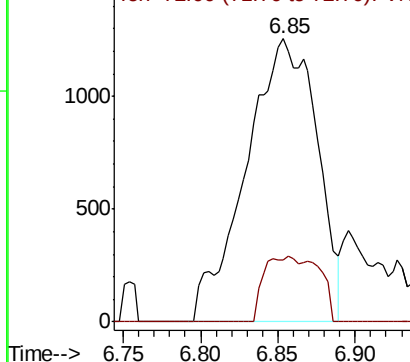


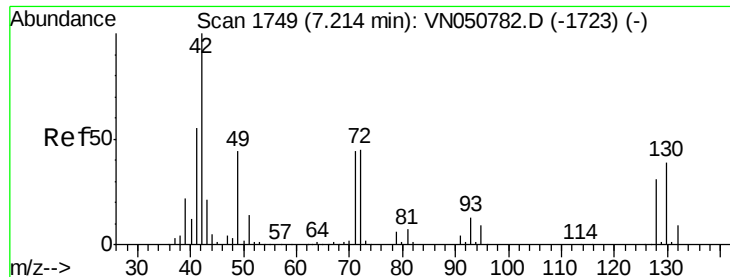
#25
2-Butanone
Concen: 1.17 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

Tgt Ion:	43	Resp:	4013
Ion	Ratio	Lower	Upper
43	100		
72	22.1	22.3	33.5#



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





#29

Tetrahydrofuran

Concen: 1.05 ug/l

RT: 7.23 min Scan# 1755

Delta R.T. 0.02 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

TR-05-082118

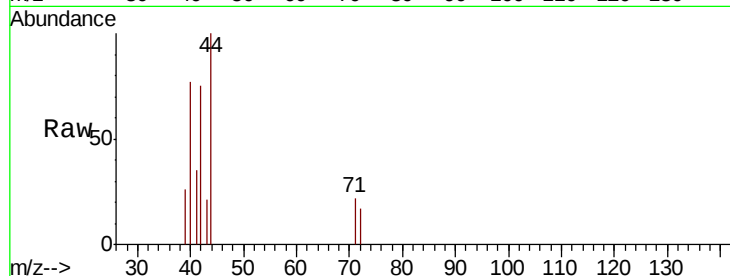
Tot Ion: 42 Resp: 2064

Ion Ratio Lower Upper

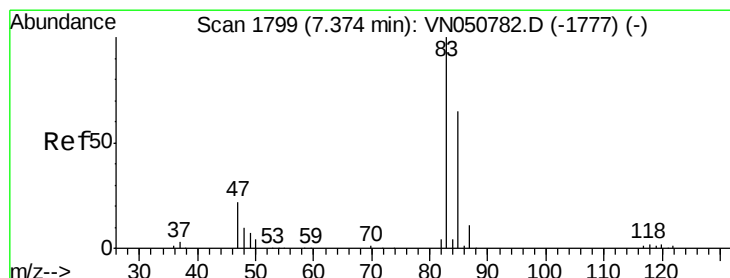
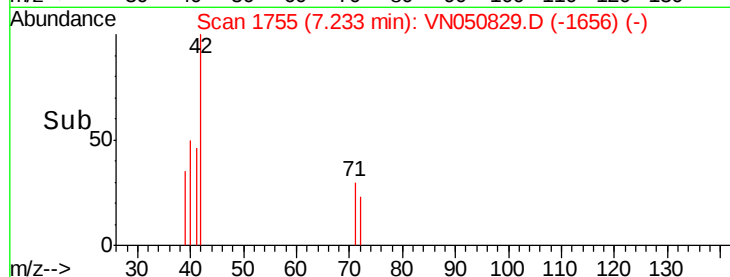
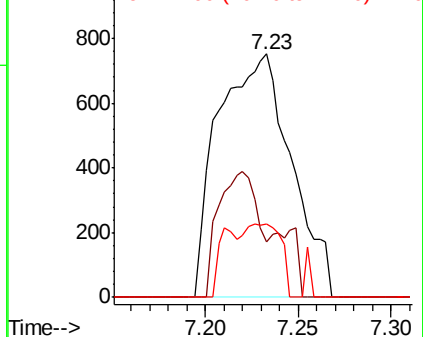
42 100

72 0.0 35.5 53.3#

71 0.0 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: 0.33 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050829.D

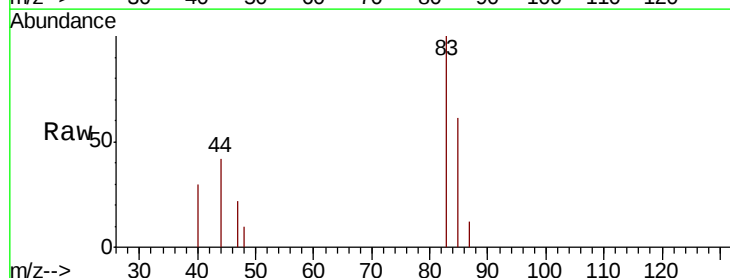
Acq: 22 Aug 2018 19:09

Tgt Ion: 83 Resp: 5175

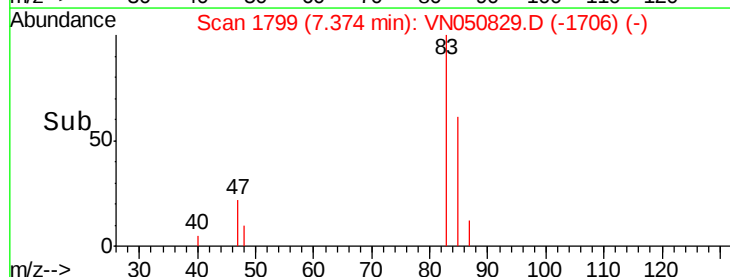
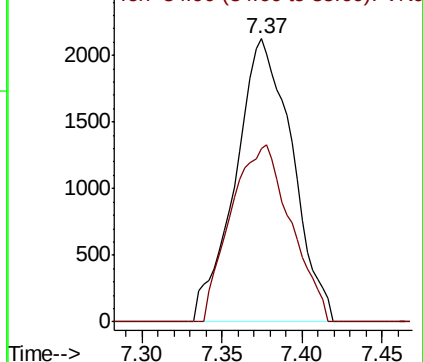
Ion Ratio Lower Upper

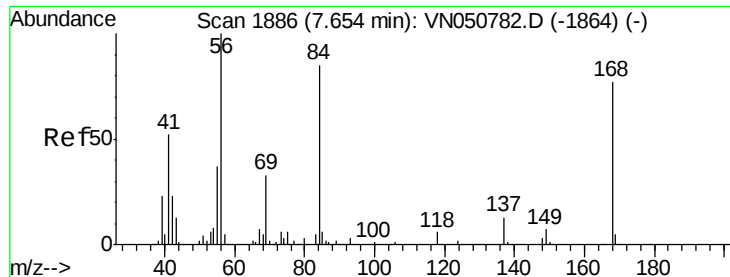
83 100

85 61.4 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

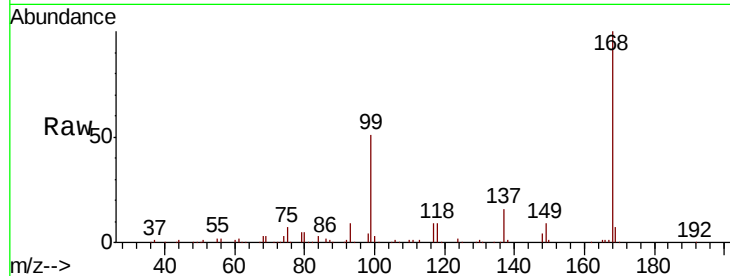




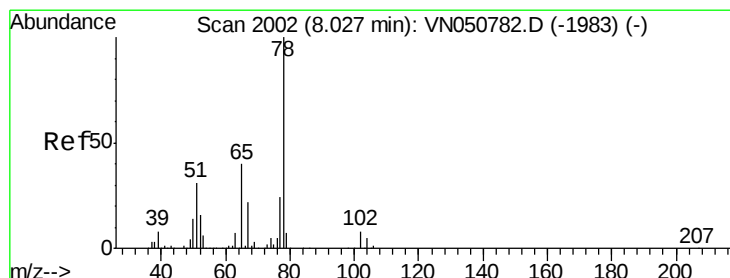
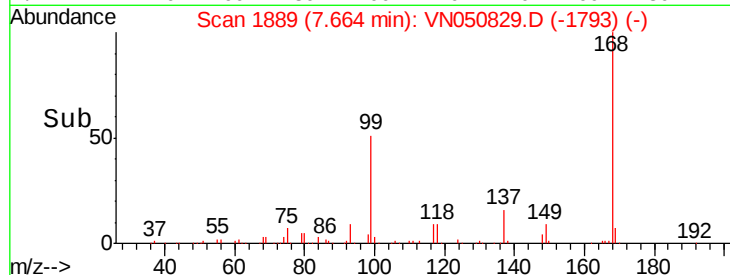
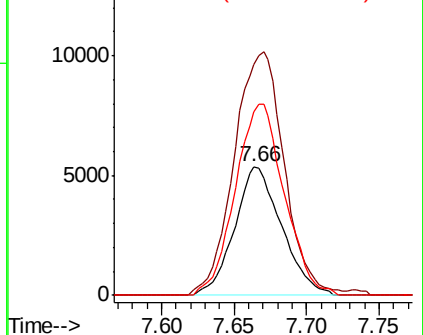
#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

Instrument :
MSVOA_N
ClientSampled :
TR-05-082118

Tot Ion: 56 Resp: 12091
Ion Ratio Lower Upper
56 100
69 179.3 26.2 39.4#
84 142.3 68.3 102.5#

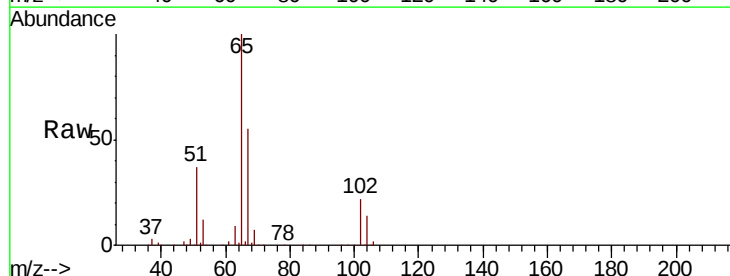


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

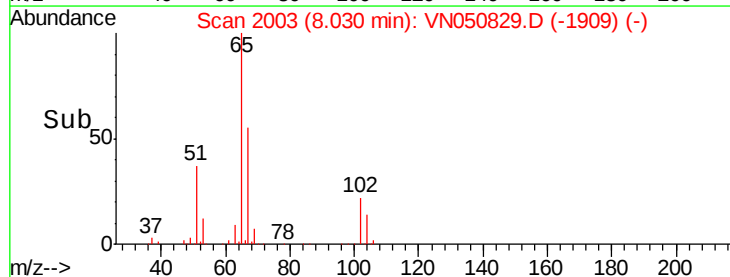
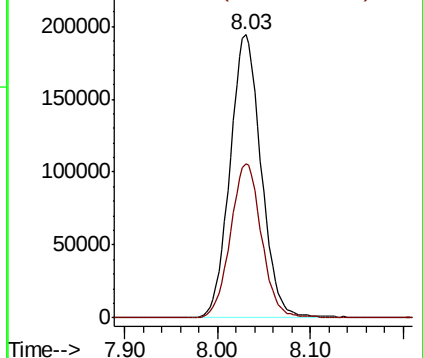


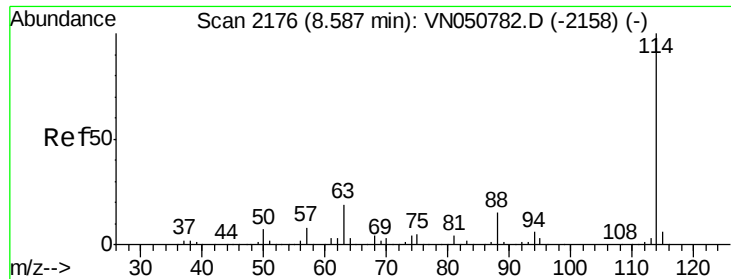
#33
1,2-Dichloroethane-d4
Concen: 53.06 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

Tgt Ion: 65 Resp: 452155
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

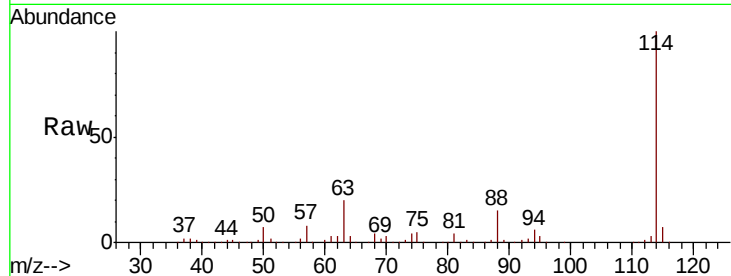




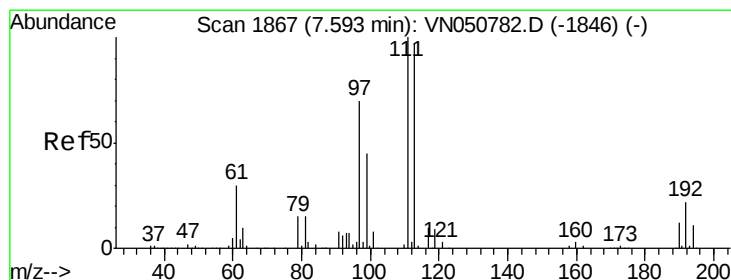
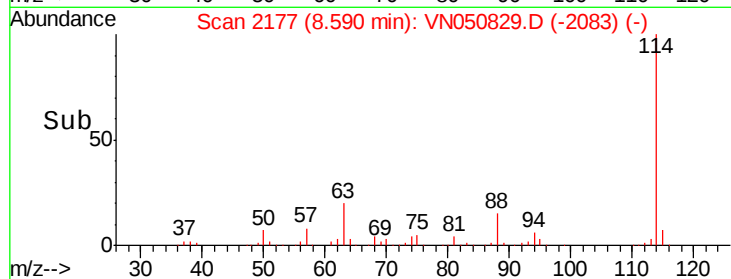
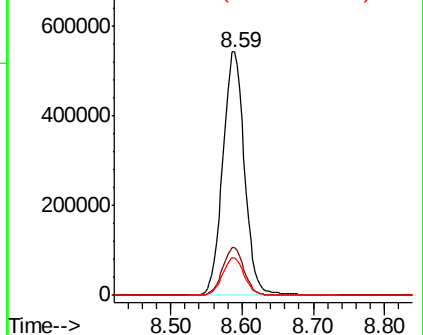
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050829.D
 Acq: 22 Aug 2018 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-082118

Tot Ion:114 Resp: 1152933
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.2 0.0 30.6

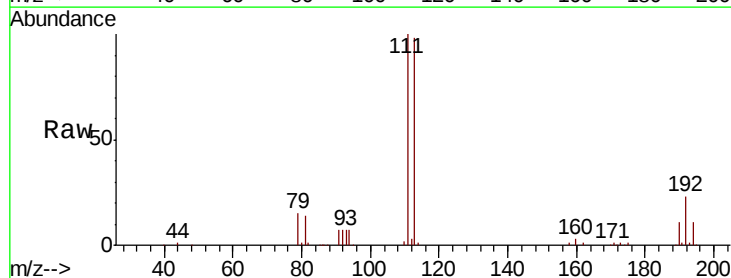


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

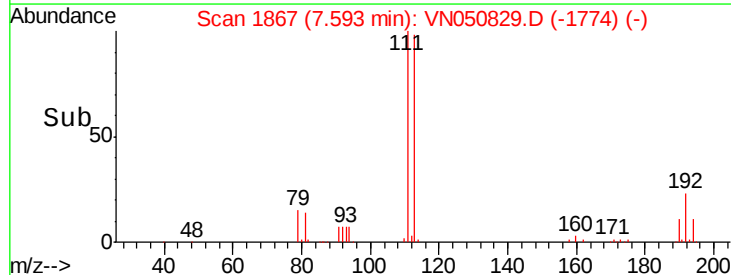
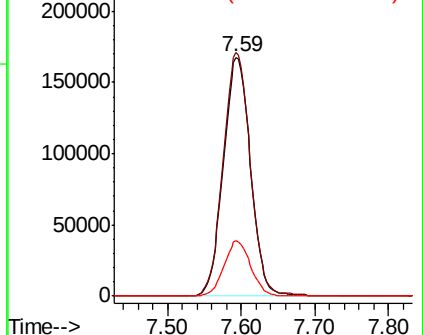


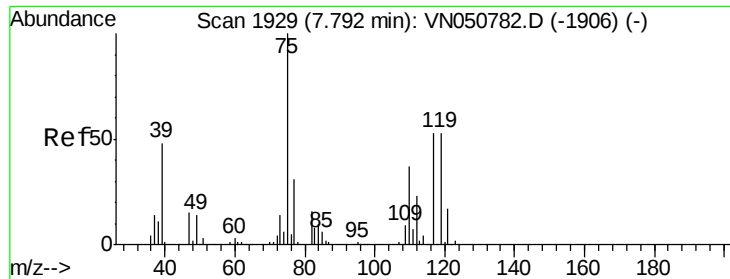
#35
 Dibromofluoromethane
 Concen: 46.90 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050829.D
 Acq: 22 Aug 2018 19:09

Tgt Ion:113 Resp: 430171
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 22.7 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

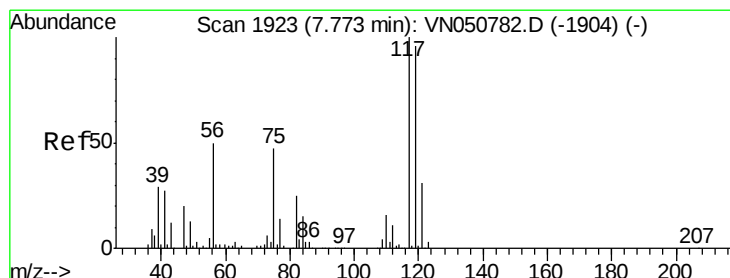
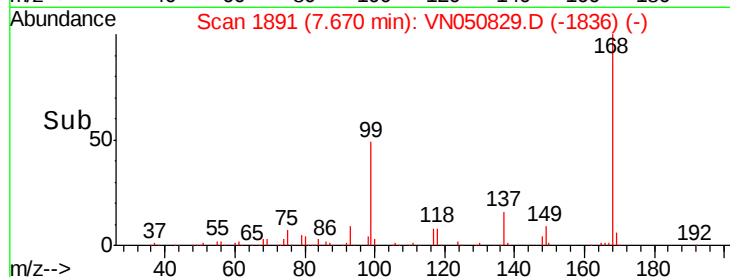
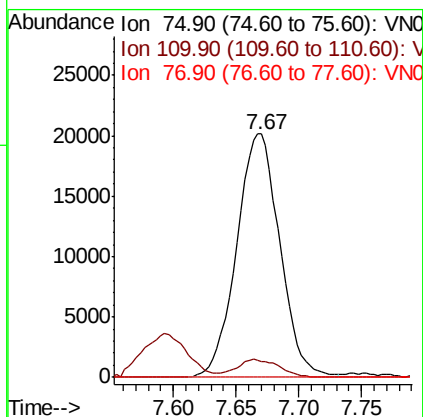
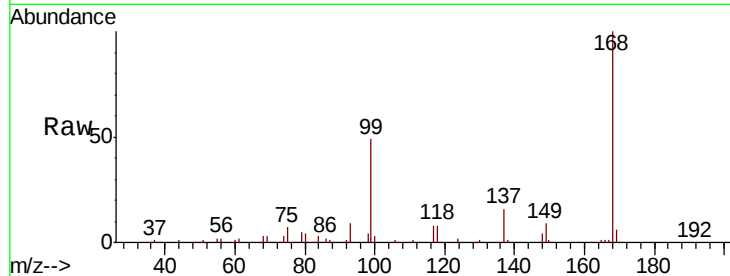




#36
 1,1-Dichloropropene
 Concen: 3.55 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050829.D
 Acq: 22 Aug 2018 19:09

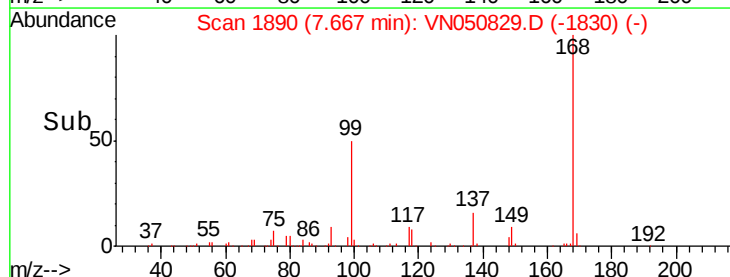
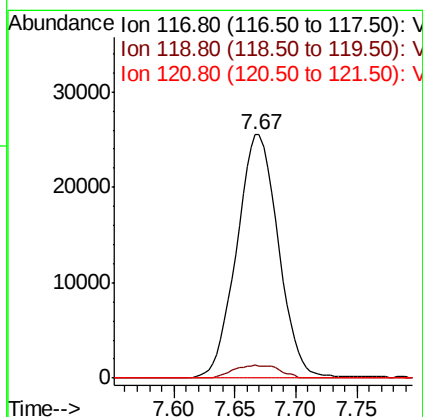
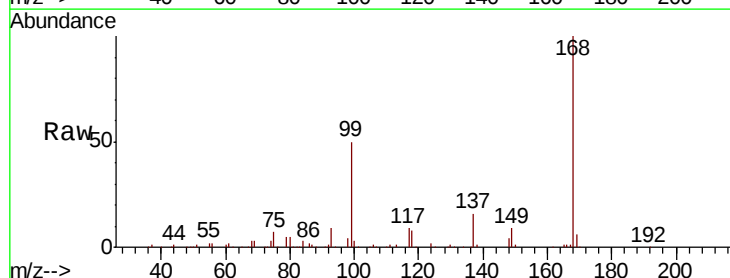
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-082118

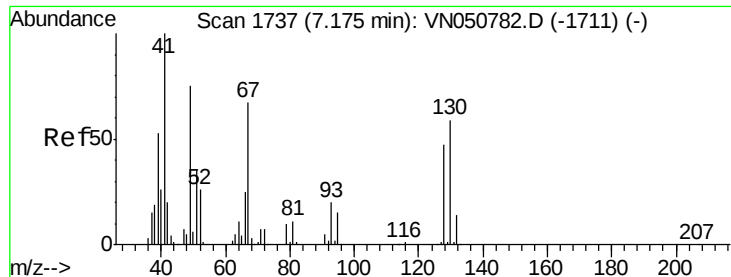
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.38 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050829.D
 Acq: 22 Aug 2018 19:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.3	114.5#
121	0.0	24.6	36.8#

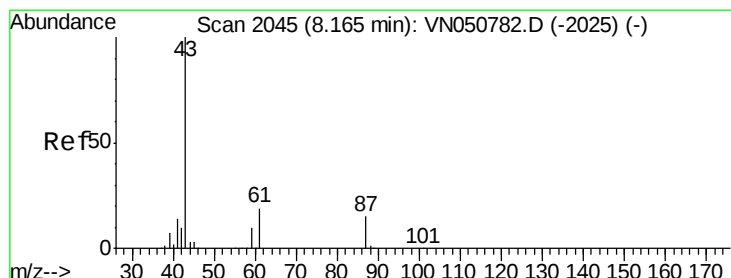
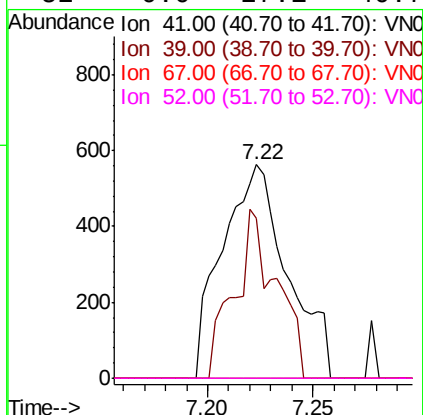
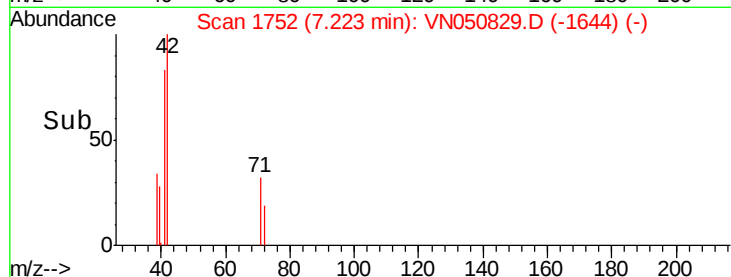
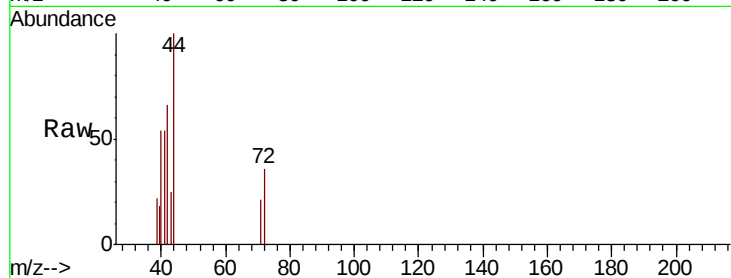




#41
Methacrylonitrile
Concen: 0.29 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.05 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

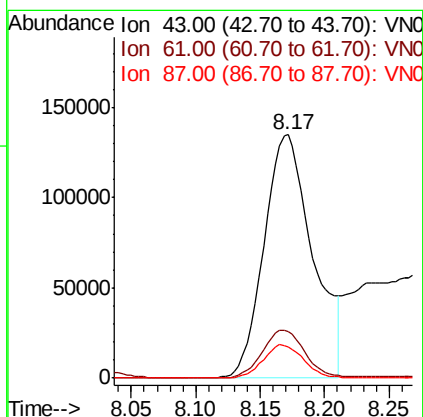
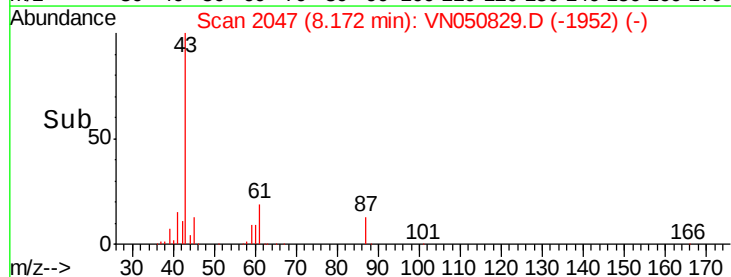
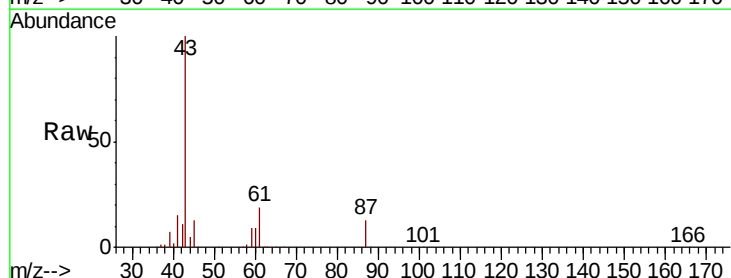
Instrument :
MSVOA_N
ClientSampled :
TR-05-082118

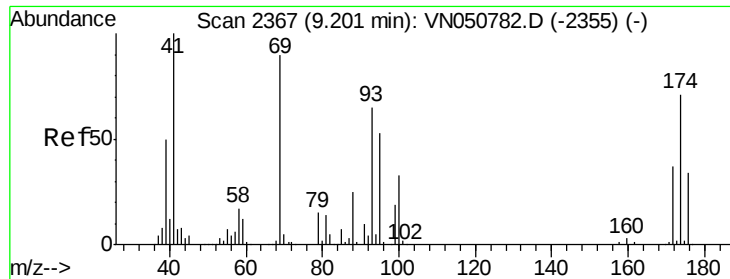
Tot Ion: 41 Resp: 1213
Ion Ratio Lower Upper
41 100
39 50.9 45.4 68.0
67 0.0 70.6 106.0#
52 0.0 27.1 40.7#



#43
Isopropyl Acetate
Concen: 26.45 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.01 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

Tgt Ion: 43 Resp: 355418
Ion Ratio Lower Upper
43 100
61 17.2 17.5 26.3#
87 11.3 11.3 16.9

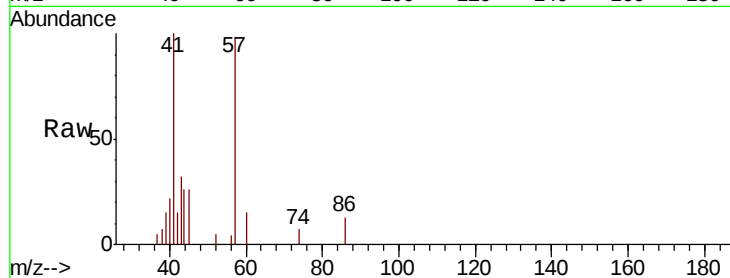




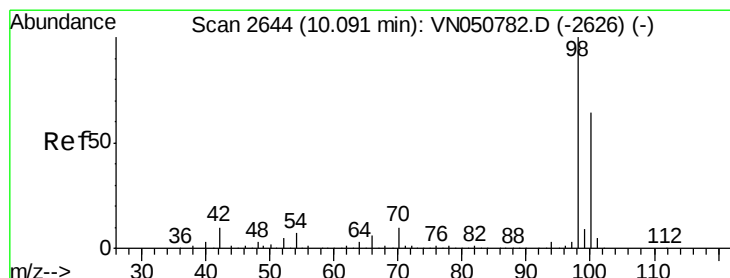
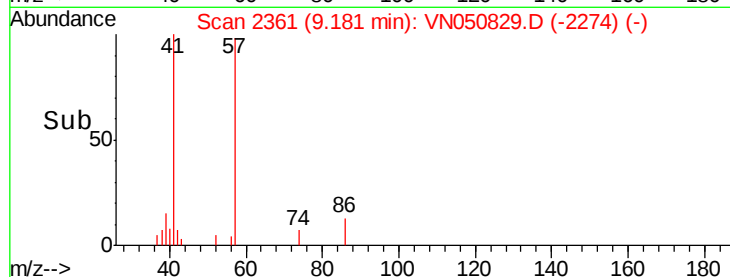
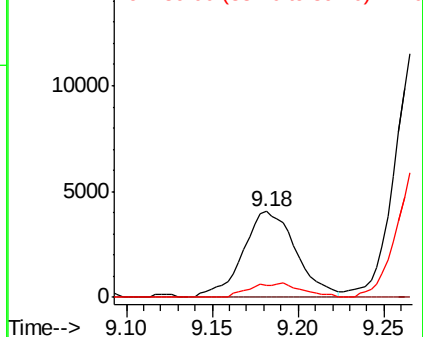
#48
Methyl methacrylate
Concen: 1.27 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

Instrument :
MSVOA_N
ClientSampled :
TR-05-082118

Tot Ion: 41 Resp: 8726
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 7.6 42.2 63.2#

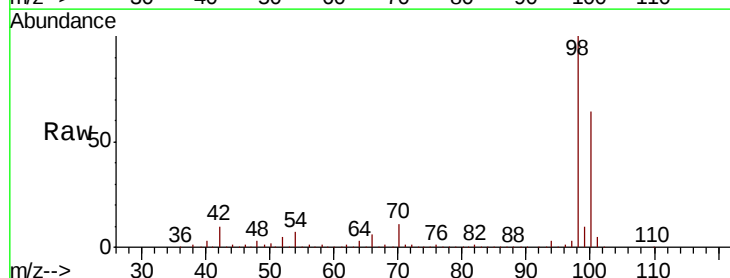


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

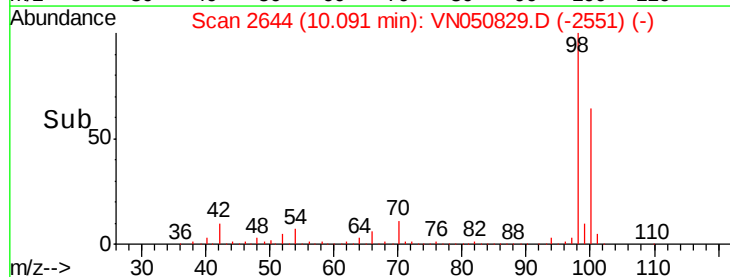
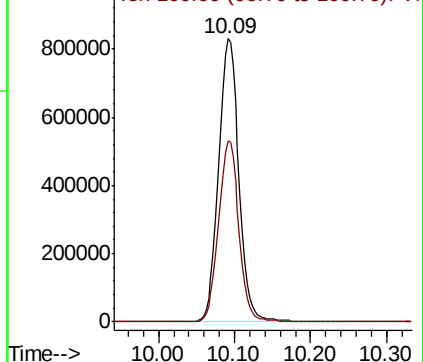


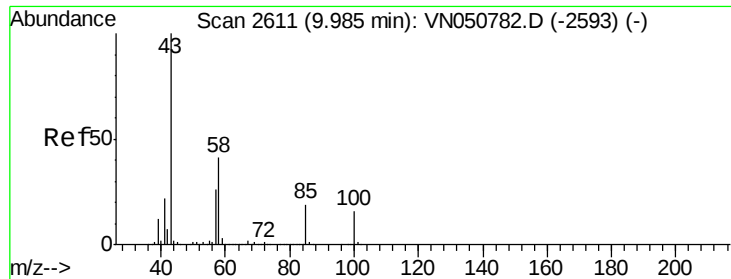
#50
Toluene-d8
Concen: 44.88 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

Tgt Ion: 98 Resp: 1539155
Ion Ratio Lower Upper
98 100
100 63.8 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: 0.26 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

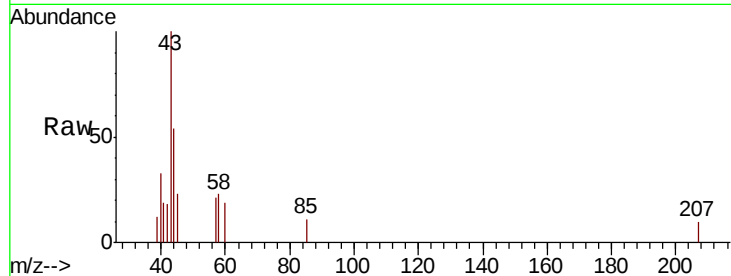
TR-05-082118

Tot Ion: 43 Resp: 2056

Ion Ratio Lower Upper

43 100

58 37.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

2000

1500

1000

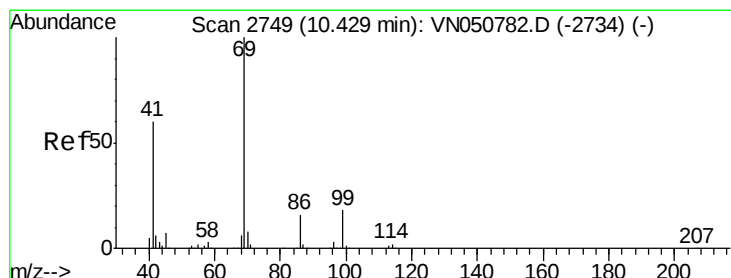
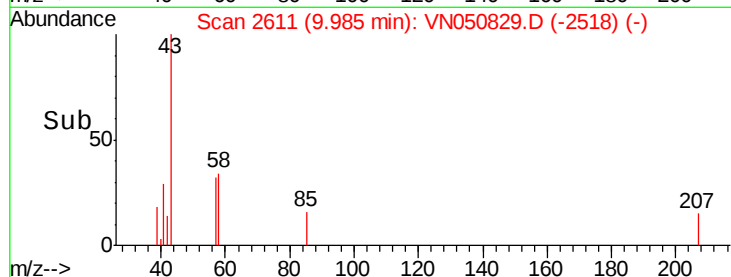
500

0

9.95

10.00

Time-->



#56

Ethyl methacrylate

Concen: 2.36 ug/l

RT: 10.32 min Scan# 2715

Delta R.T. -0.11 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

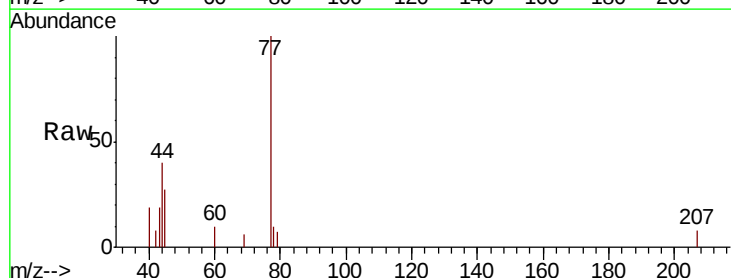
Tgt Ion: 69 Resp: 97

Ion Ratio Lower Upper

69 100

41 0.0 48.3 72.5#

39 0.0 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

400

300

200

100

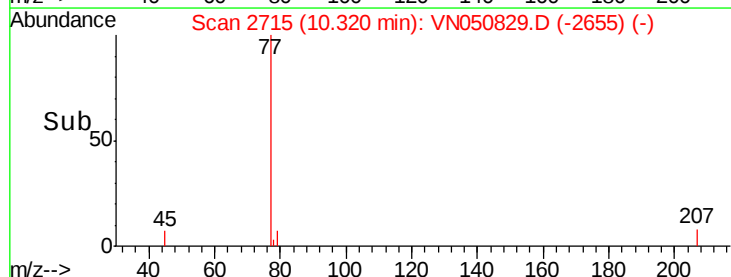
0

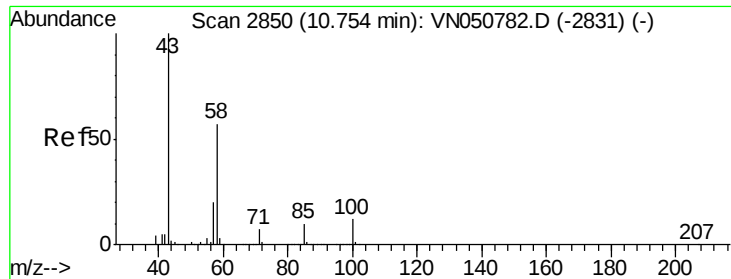
10.31

10.32

10.33

Time-->





#59

2-Hexanone

Concen: 3.45 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

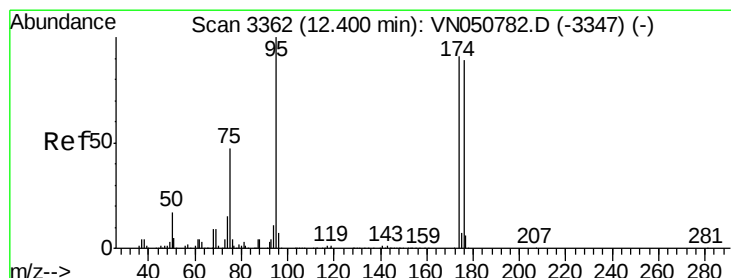
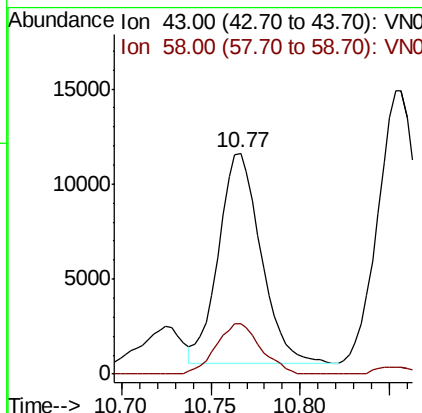
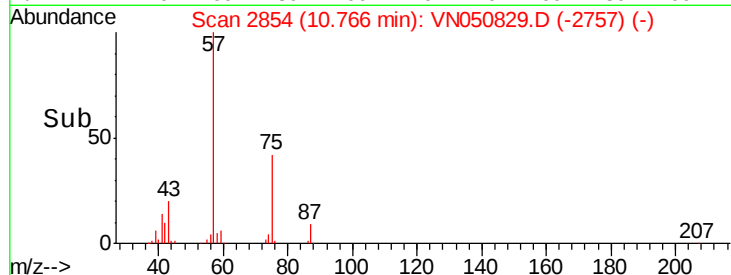
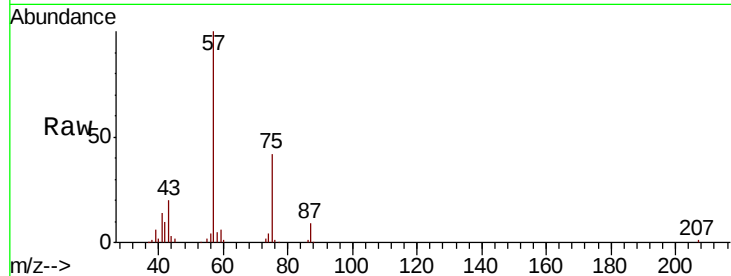
TR-05-082118

Tot Ion: 43 Resp: 18421

Ion Ratio Lower Upper

43 100

58 25.1 28.3 85.0#



#62

4-Bromofluorobenzene

Concen: 36.27 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

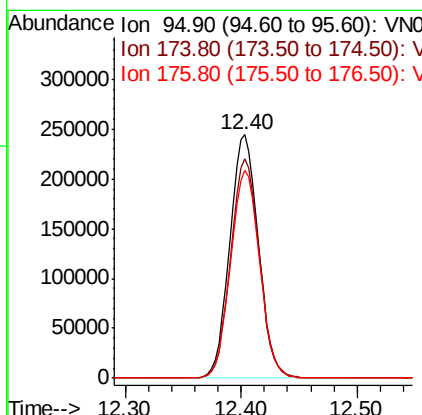
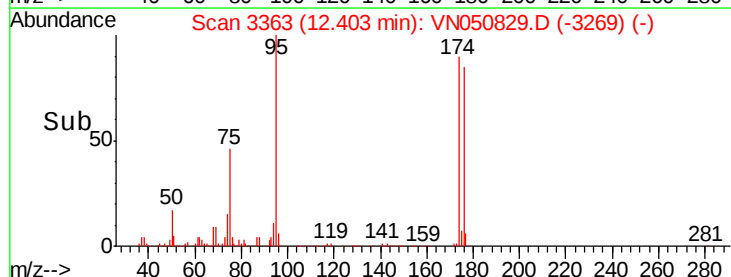
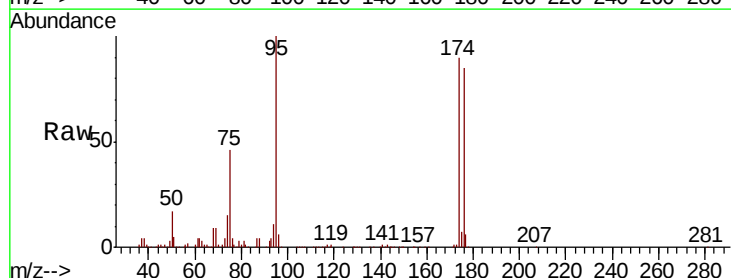
Tgt Ion: 95 Resp: 413341

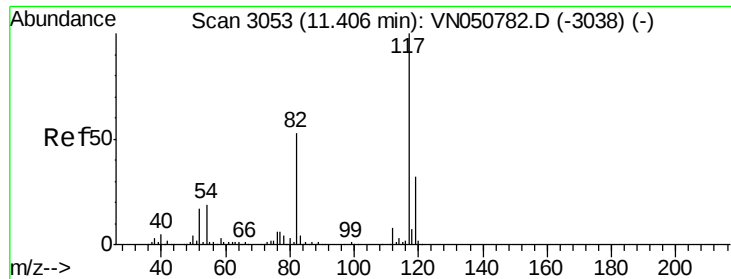
Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.0

176 86.7 0.0 178.8

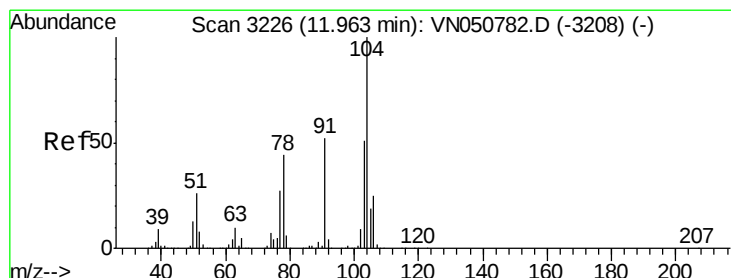
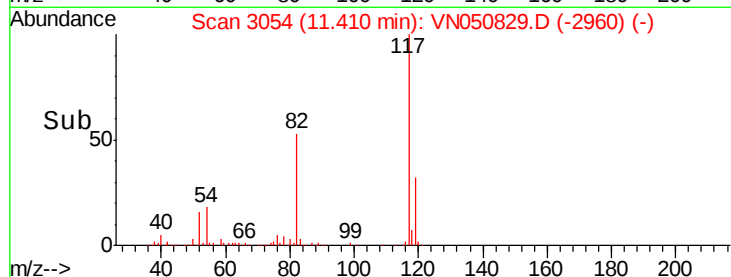
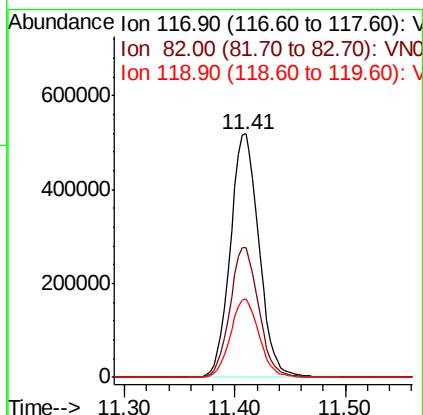
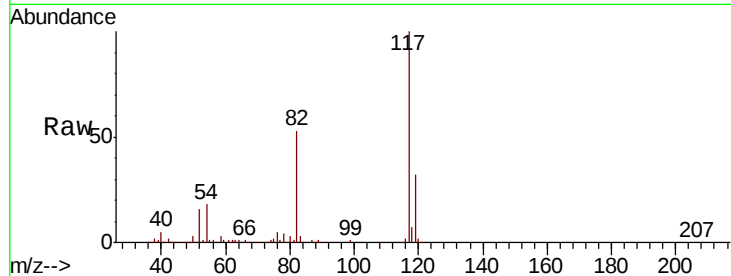




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

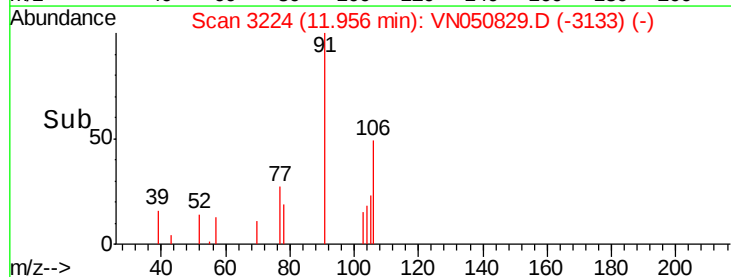
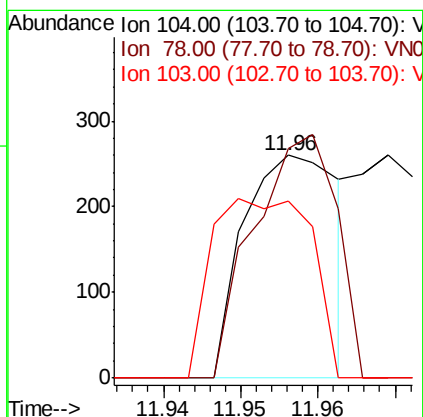
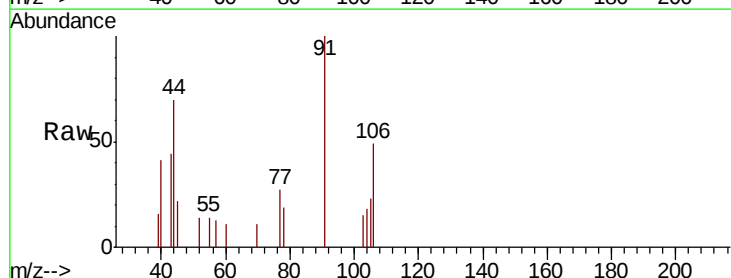
Instrument :
MSVOA_N
ClientSampleId :
TR-05-082118

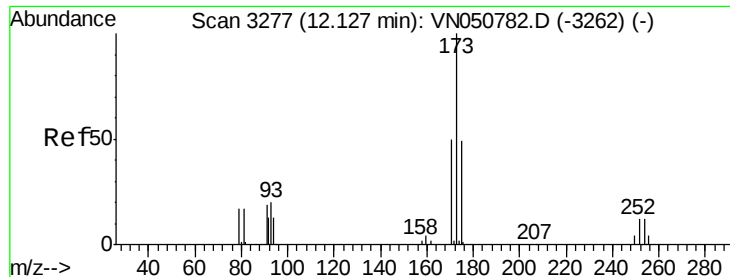
Tot Ion:117 Resp: 935933
Ion Ratio Lower Upper
117 100
82 53.0 42.6 64.0
119 32.1 25.8 38.6



#70
Styrene
Concen: 1.28 ug/l
RT: 11.96 min Scan# 3224
Delta R.T. -0.01 min
Lab File: VN050829.D
Acq: 22 Aug 2018 19:09

Tgt Ion:104 Resp: 222
Ion Ratio Lower Upper
104 100
78 94.6 38.2 57.4#
103 84.2 44.4 66.6#





#71

Bromoform

Concen: 0.43 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

TR-05-082118

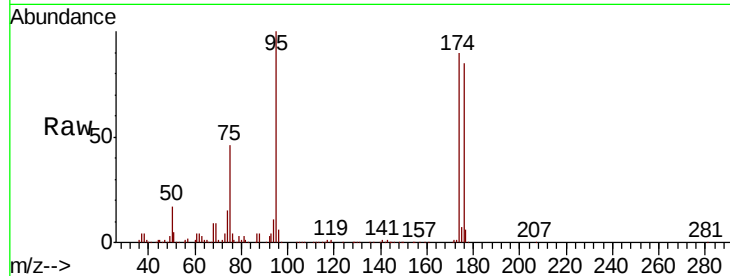
Tot Ion:173 Resp: 2640

Ion Ratio Lower Upper

173 100

175 868.9 24.4 73.4#

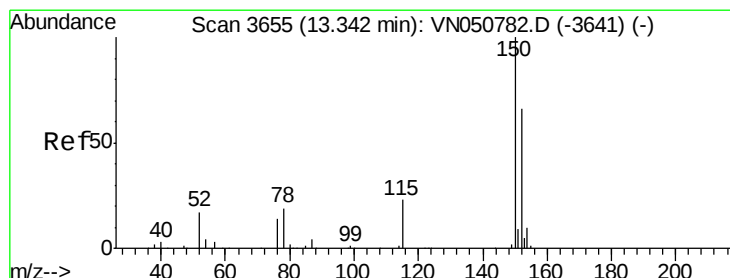
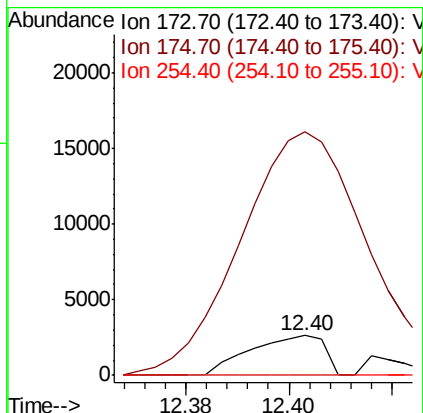
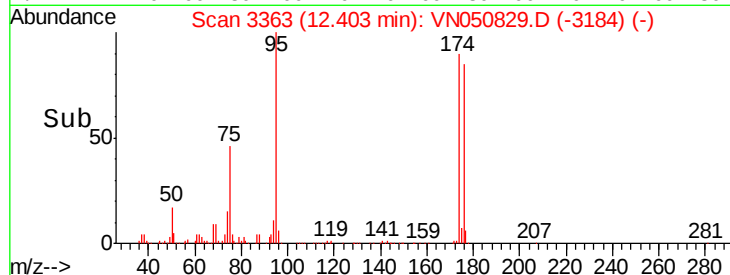
254 0.0 0.1 0.1#



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: VN050829.D

Acq: 22 Aug 2018 19:09

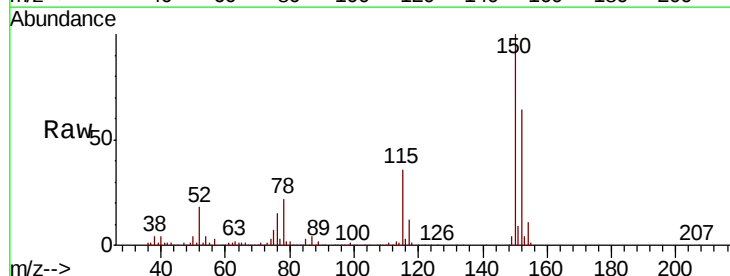
Tgt Ion:152 Resp: 322852

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.4

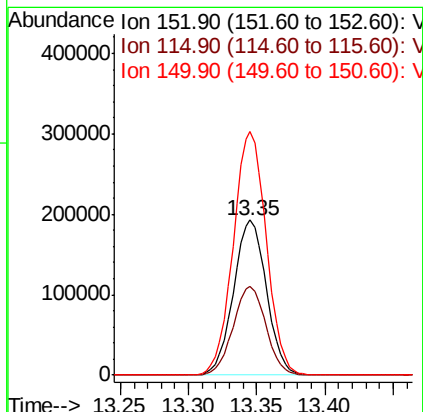
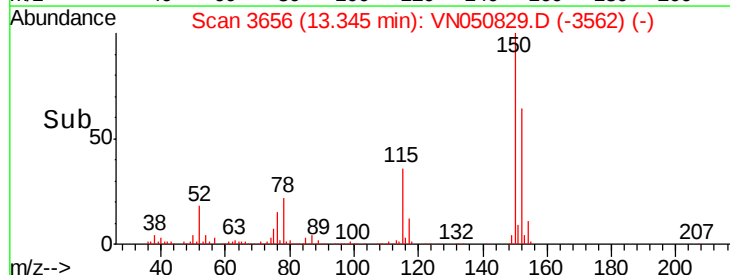
150 157.3 0.0 351.4

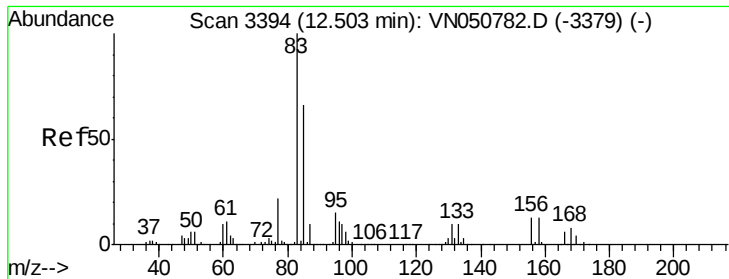


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.56 min Scan# 3412

Delta R.T. 0.06 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

TR-05-082118

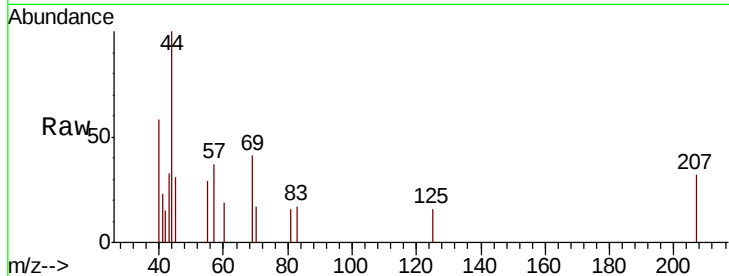
Tot Ion: 83 Resp: 103

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

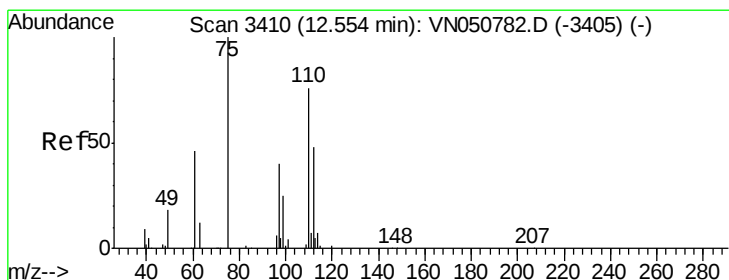
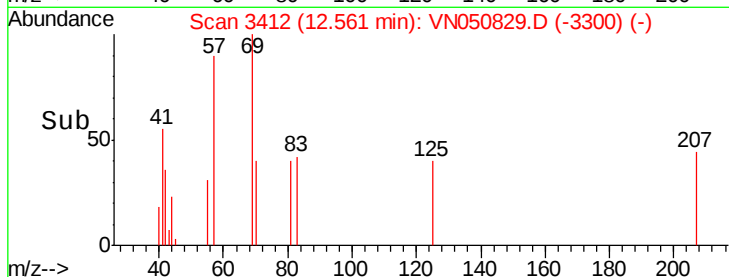
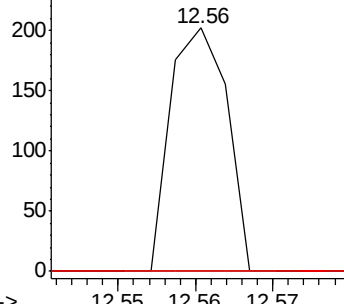
85 0.0 31.9 95.7#



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: 34.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050829.D

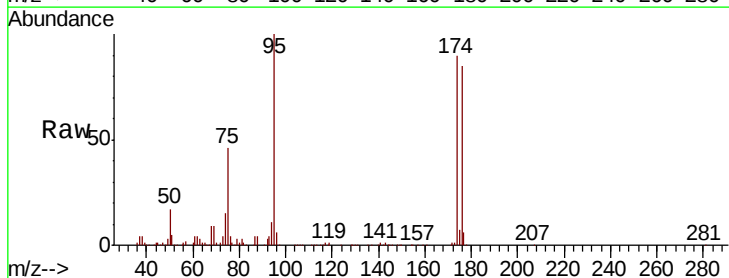
Acq: 22 Aug 2018 19:09

Tgt Ion: 75 Resp: 193388

Ion Ratio Lower Upper

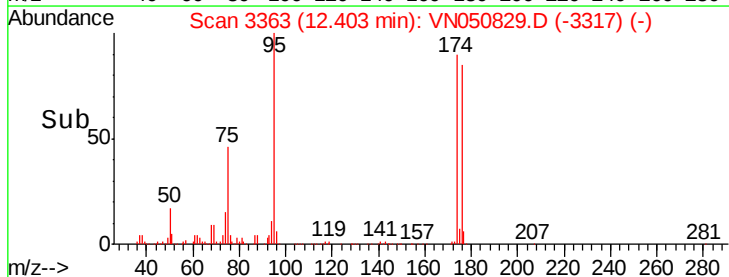
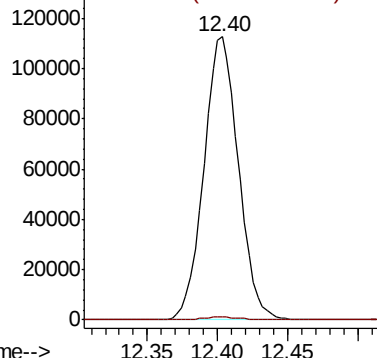
75 100

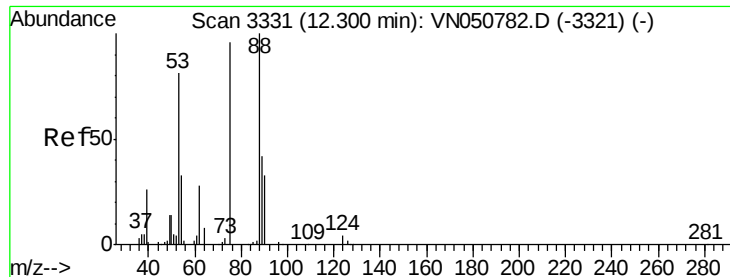
77 1.2 0.0 0.0#



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: 115.61 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050829.D

Acq: 22 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

TR-05-082118

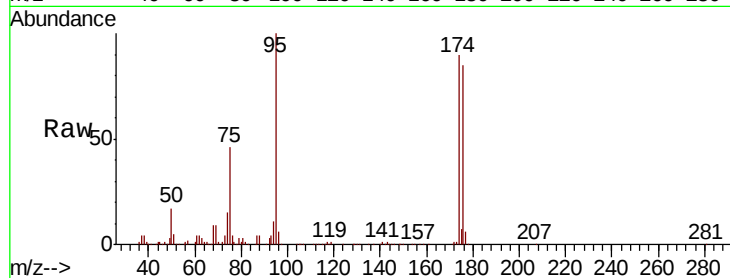
Tot Ion: 75 Resp: 193388

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

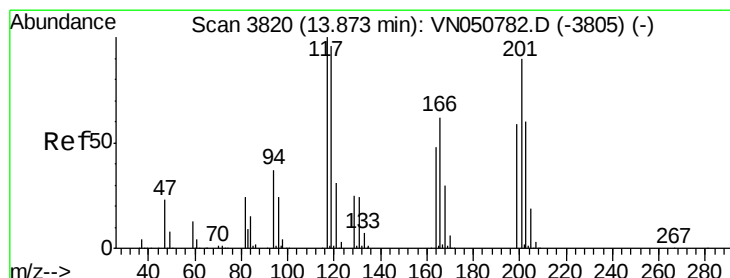
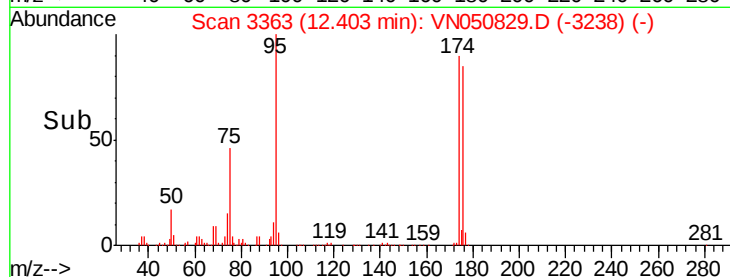
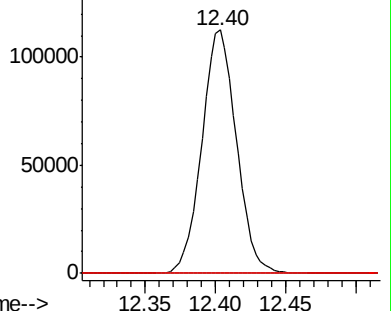
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN050829.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050829.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050829.D (-3363) (-)



#90

Hexachloroethane

Concen: 0.20 ug/l

RT: 13.89 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN050829.D

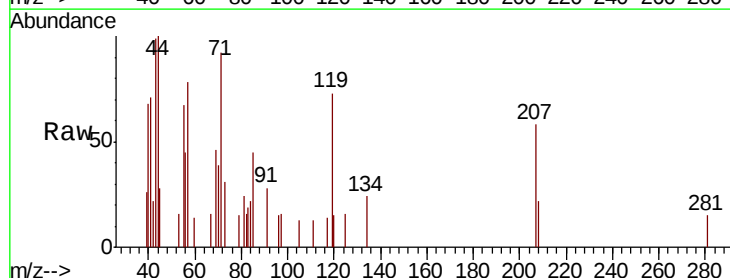
Acq: 22 Aug 2018 19:09

Tgt Ion: 117 Resp: 64

Ion Ratio Lower Upper

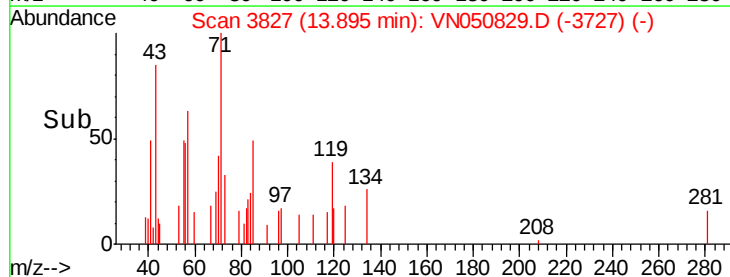
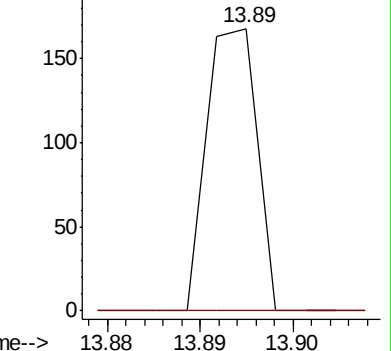
117 100

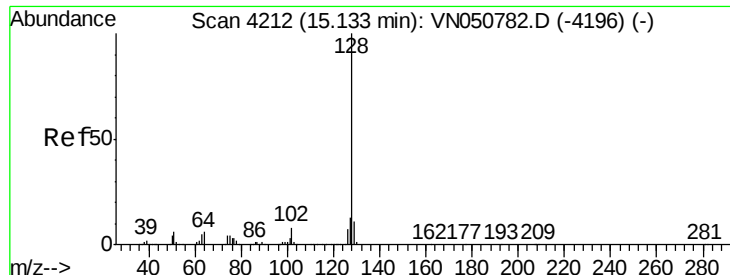
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): VN050829.D (-3827) (-)

Ion 200.70 (200.40 to 201.40): VN050829.D (-3827) (-)

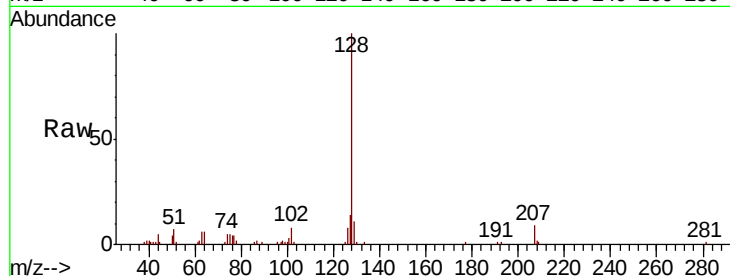




#95
 Naphthalene
 Concen: 8.81 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050829.D
 Acq: 22 Aug 2018 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-082118

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.4	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

