

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041419\
 Data File : VN055027.D
 Acq On : 13 Apr 2019 14:09
 Operator : JC/SP
 Sample : K2383-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Apr 14 03:24:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	519621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	822063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	683596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225000	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	328413	50.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.72%	
35) Dibromofluoromethane	7.59	113	257358	49.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.22%	
50) Toluene-d8	10.09	98	980779	50.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	292879	45.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.34%	

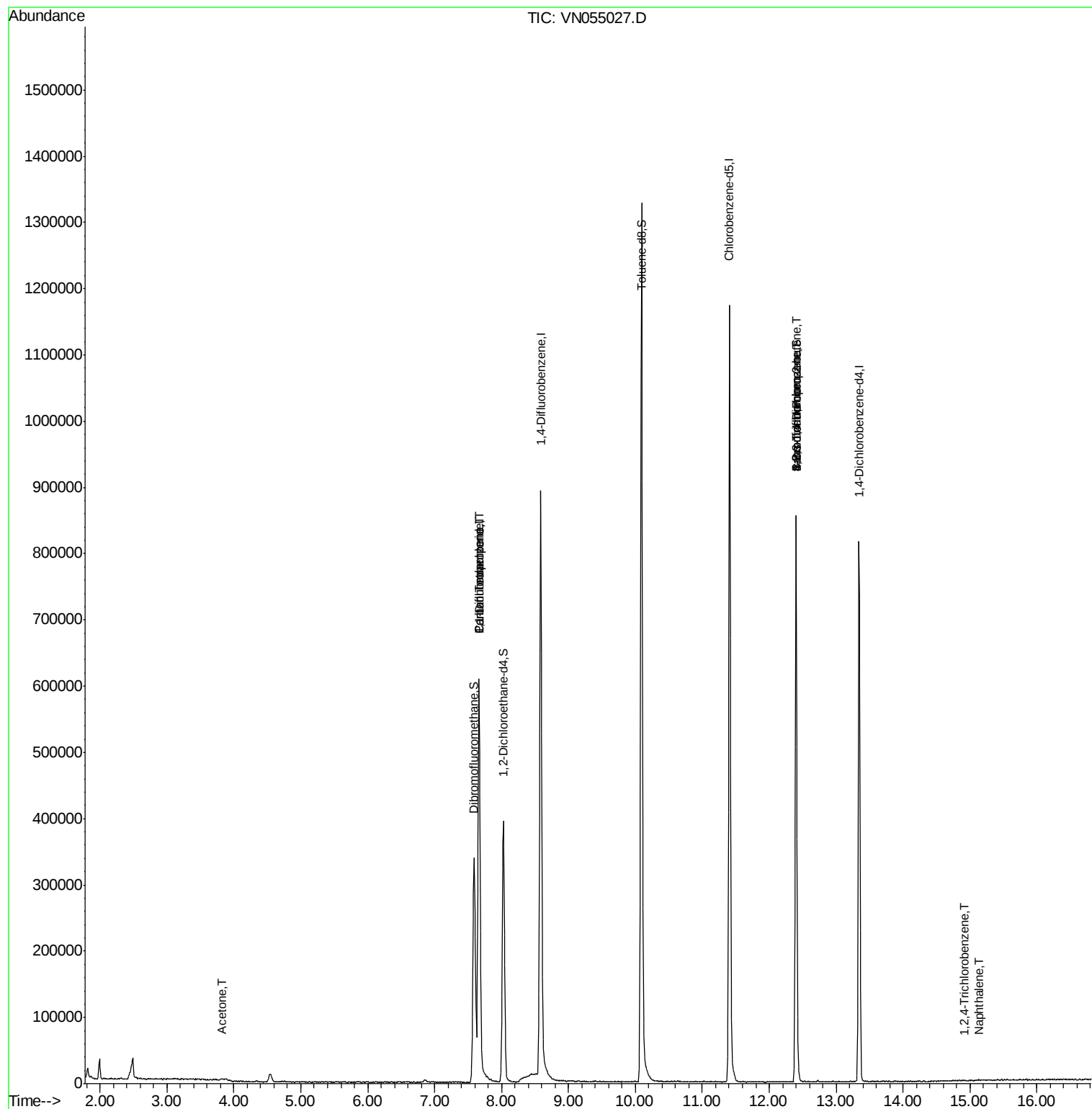
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	2232	1.246	ug/l	94
20) Methylene Chloride	4.55	84	8286	Below Cal		86
31) Cyclohexane	7.66	56	10954	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	39433	5.190	ug/l #	49
38) Carbon Tetrachloride	7.66	117	48440	6.773	ug/l #	16
71) Bromoform	12.40	173	2905	3.412	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	149105	36.021	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	149105	148.674	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.93	180	109	3.558	ug/l	78
95) Naphthalene	15.14	128	340	4.711	ug/l #	69

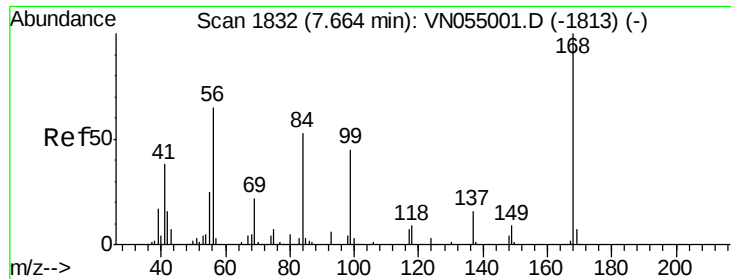
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Apr 14 03:24:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055027.D

Acq: 13 Apr 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

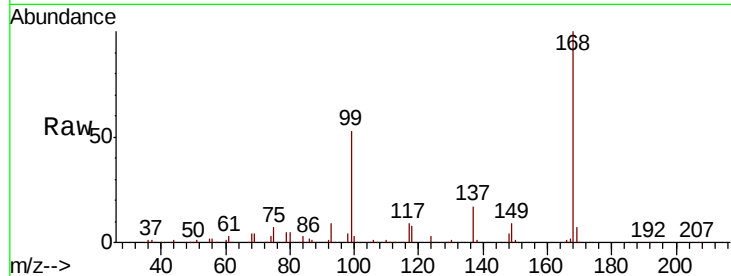
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 519621

Ion Ratio Lower Upper

168 100

99 53.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055001.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055001.D (-1813) (-)

7.66

250000

200000

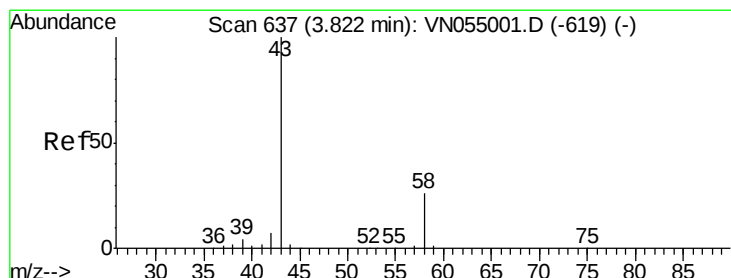
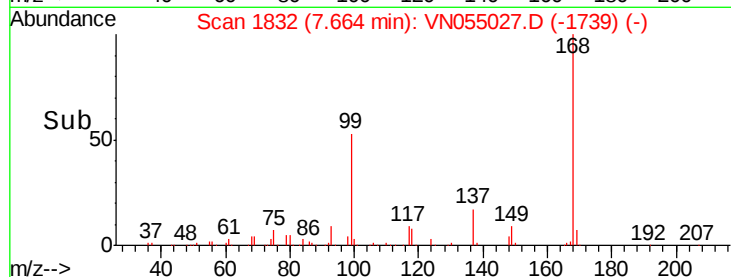
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.246 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055027.D

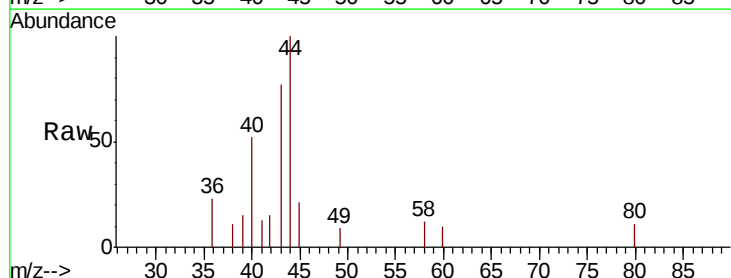
Acq: 13 Apr 2019 14:09

Tgt Ion: 43 Resp: 2232

Ion Ratio Lower Upper

43 100

58 23.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-619) (-)

3.82

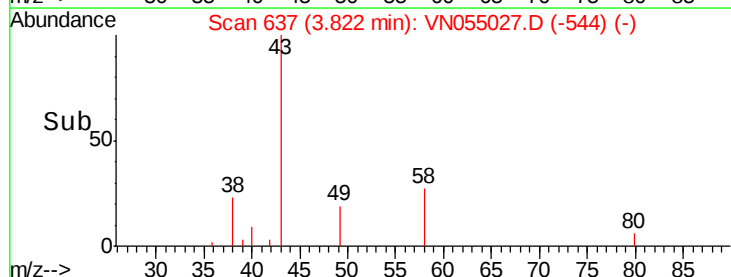
1500

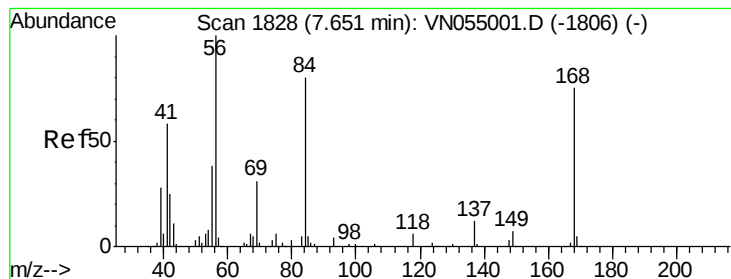
1000

500

0

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055027.D

Acq: 13 Apr 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

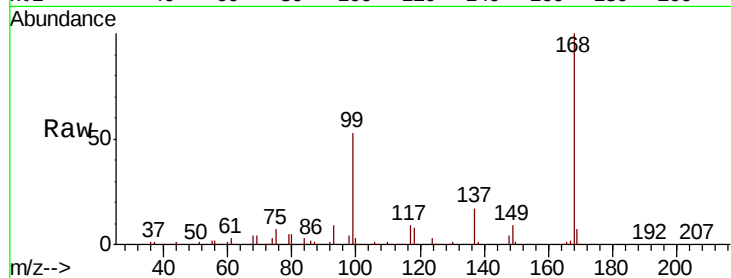
Tot Ion: 56 Resp: 10954

Ion Ratio Lower Upper

56 100

69 173.4 24.5 36.7#

84 140.5 62.9 94.3#

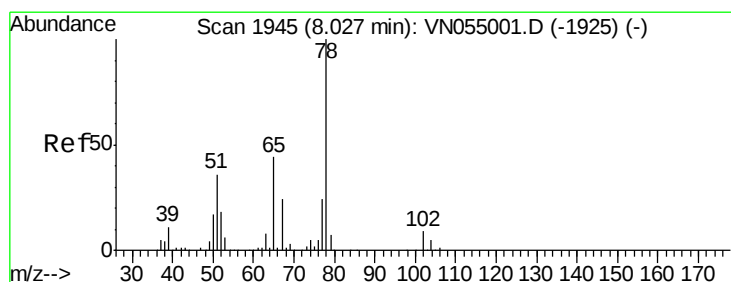
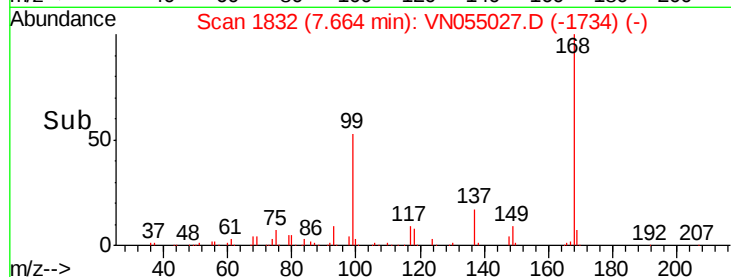
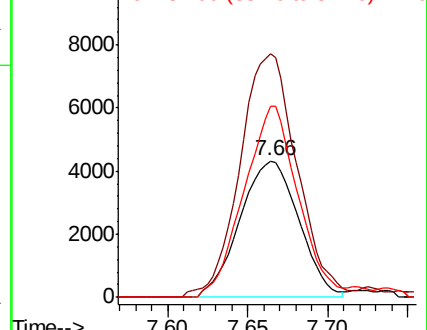


Abundance

Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#33

1,2-Dichloroethane-d4

Concen: 50.363 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055027.D

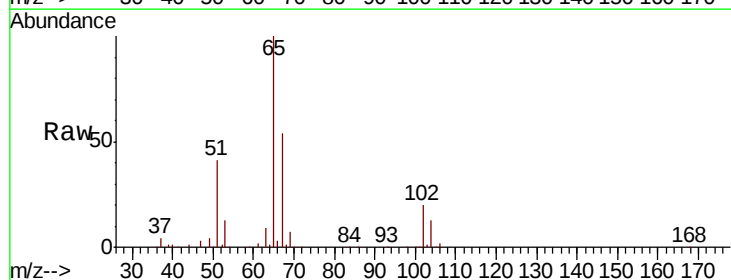
Acq: 13 Apr 2019 14:09

Tgt Ion: 65 Resp: 328413

Ion Ratio Lower Upper

65 100

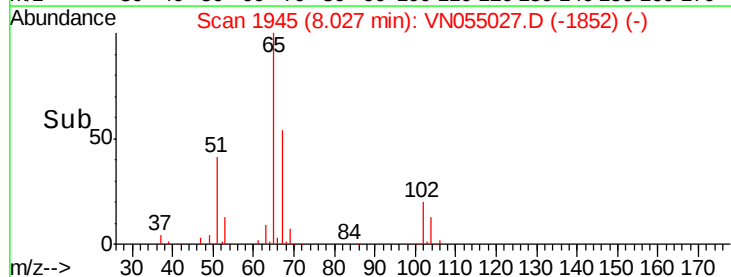
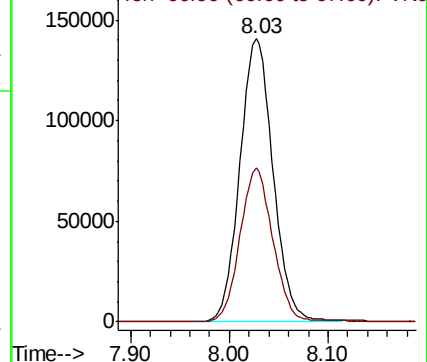
67 54.0 0.0 106.4

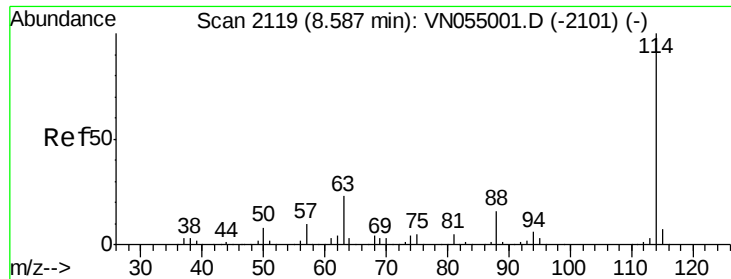


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

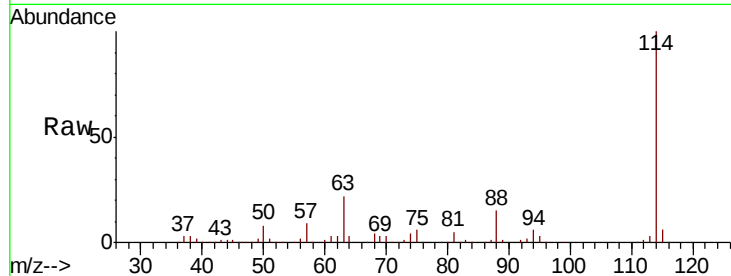




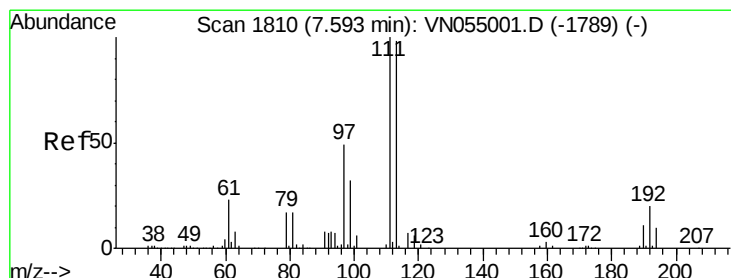
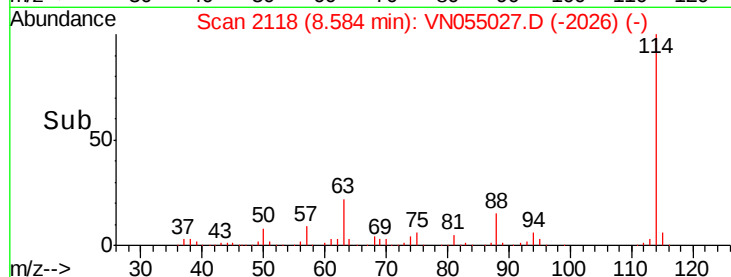
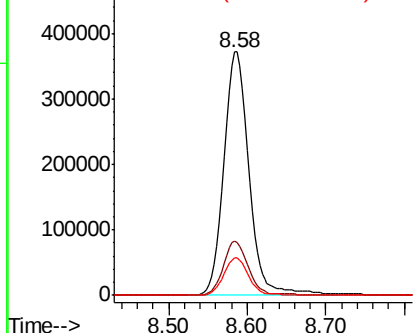
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055027.D
 Acq: 13 Apr 2019 14:09

Instrument :
 MSVOA_N
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 STORAGE-BLANK-SAMPLE-MANA

Tot Ion:114	Resp:	822063
Ion Ratio	Lower	Upper
114 100		
63 22.2	0.0	45.2
88 15.3	0.0	31.8

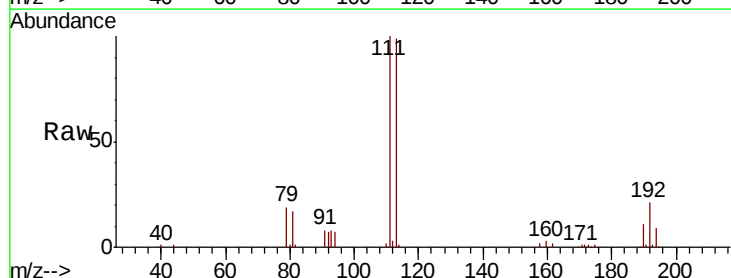


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

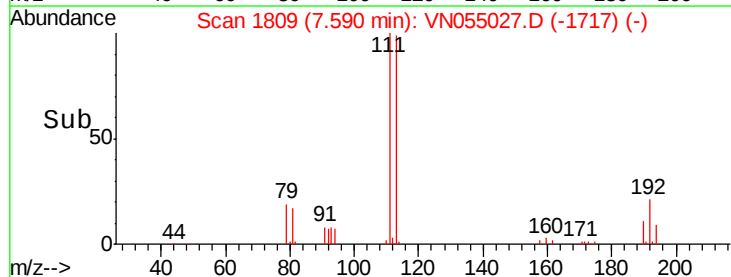
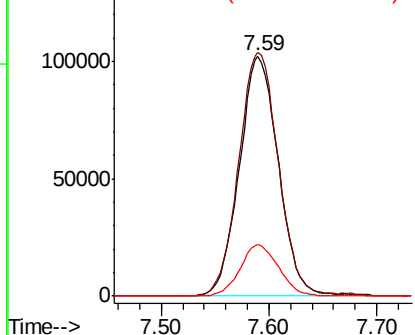


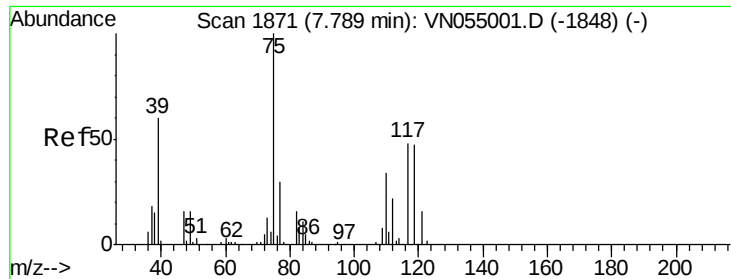
#35
 Dibromofluoromethane
 Concen: 49.110 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055027.D
 Acq: 13 Apr 2019 14:09

Tgt Ion:113	Resp:	257358
Ion Ratio	Lower	Upper
113 100		
111 103.0	82.1	123.1
192 21.3	16.5	24.7



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

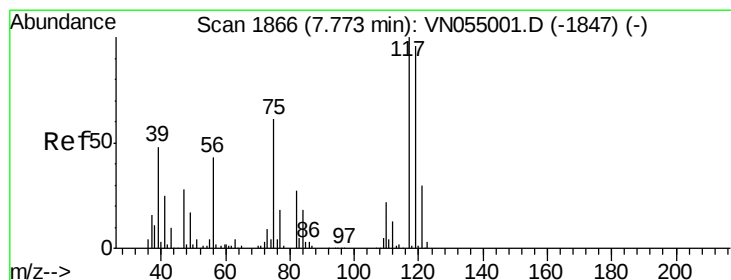
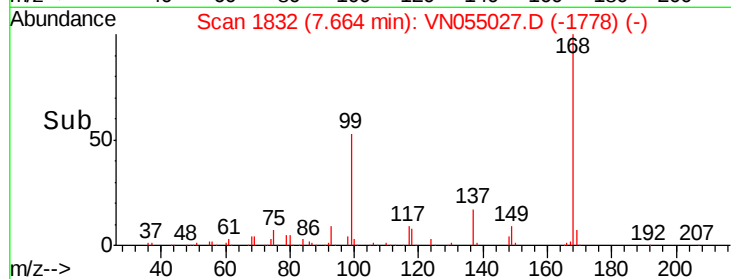
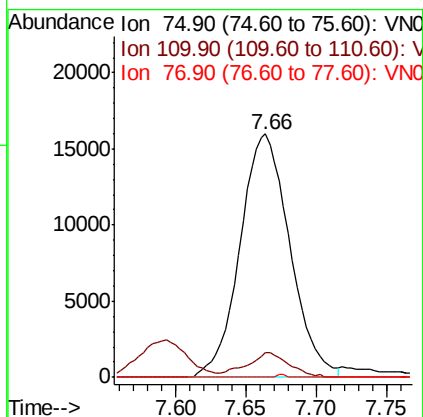
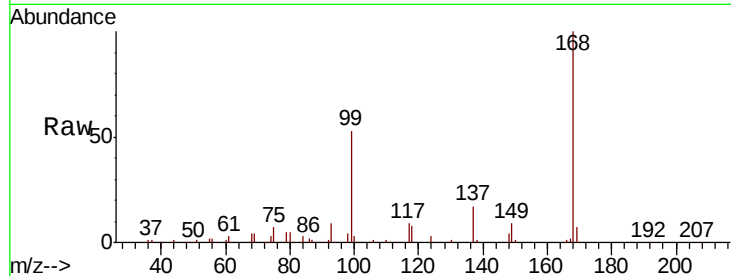




#36
 1,1-Dichloropropene
 Concen: 5.190 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055027.D
 Acq: 13 Apr 2019 14:09

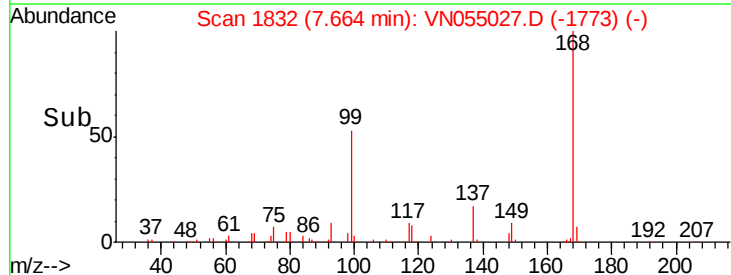
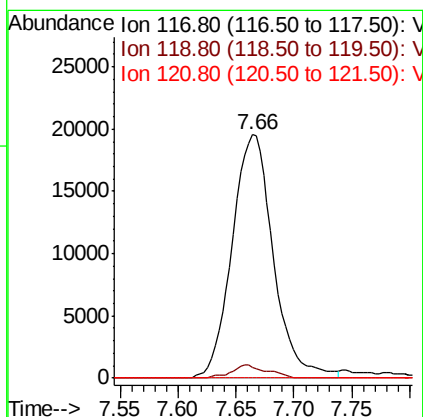
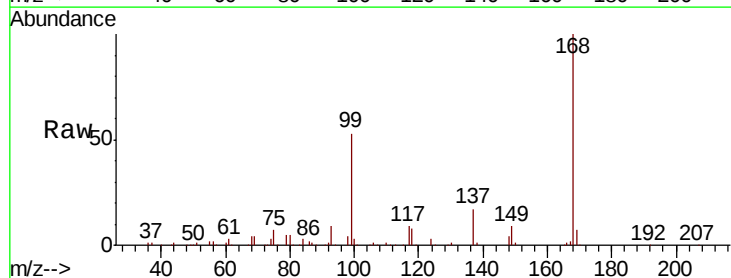
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

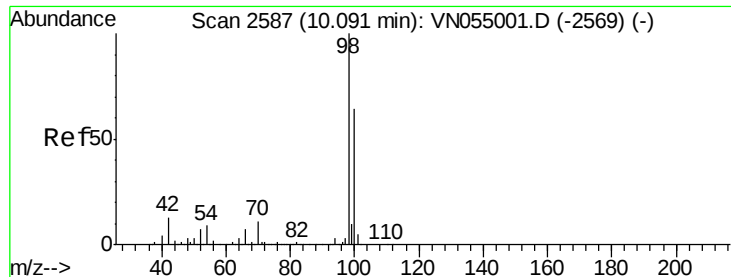
Tot Ion	75	Resp	39433
Ion Ratio	Lower	Upper	
75	100		
110	8.5	17.5	52.5#
77	0.2	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.773 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055027.D
 Acq: 13 Apr 2019 14:09

Tgt Ion	117	Resp	48440
Ion Ratio	Lower	Upper	
117	100		
119	4.6	76.3	114.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 50.956 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055027.D

Acq: 13 Apr 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

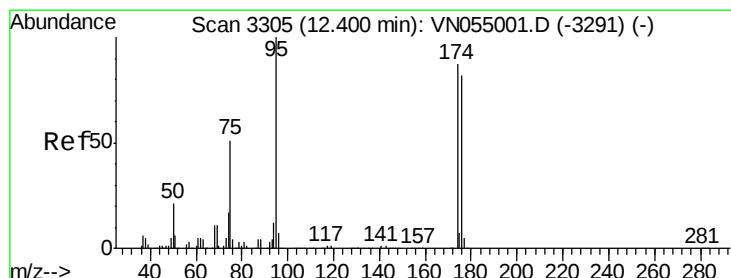
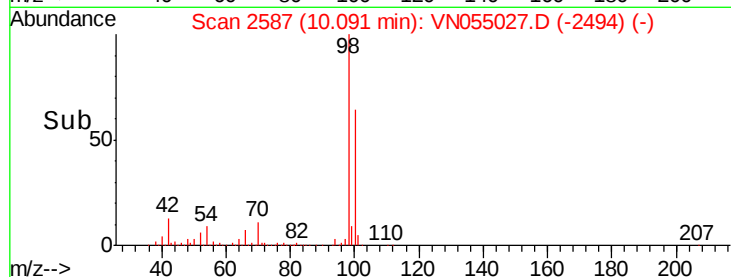
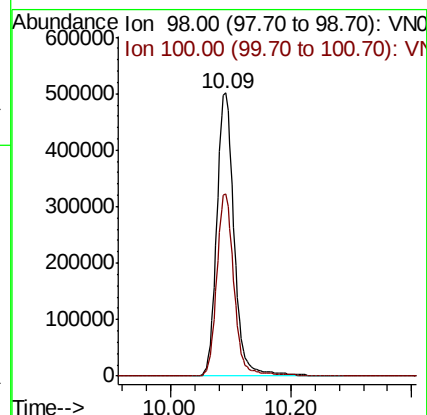
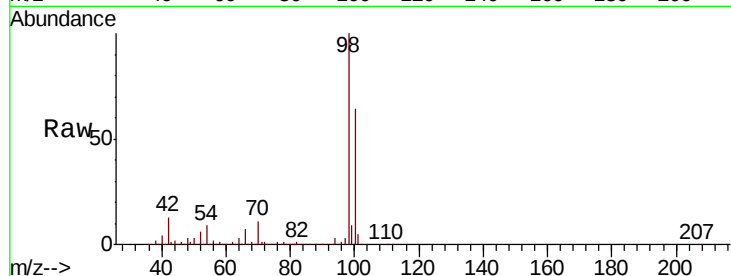
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 980779

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 45.174 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055027.D

Acq: 13 Apr 2019 14:09

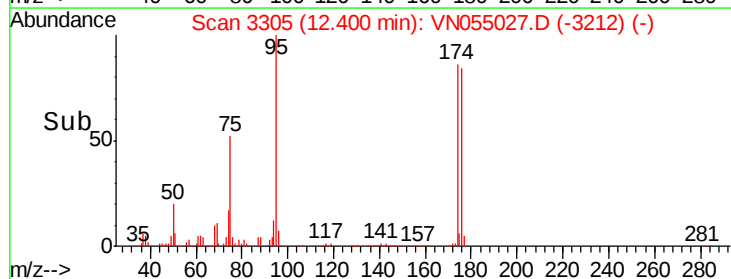
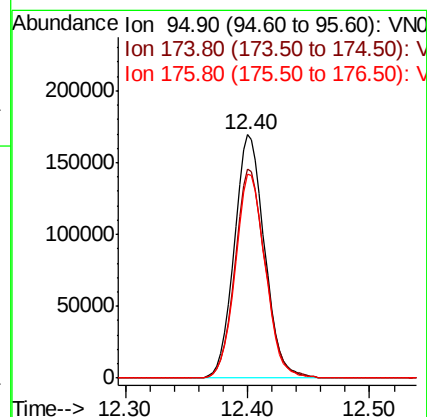
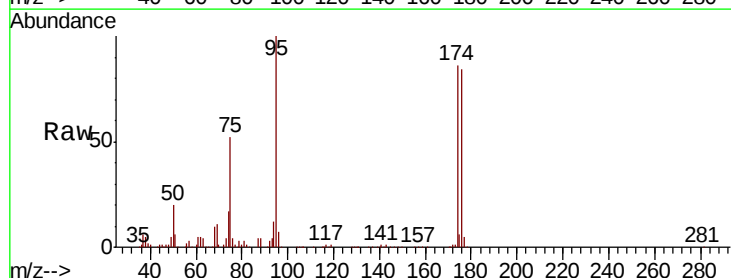
Tgt Ion: 95 Resp: 292879

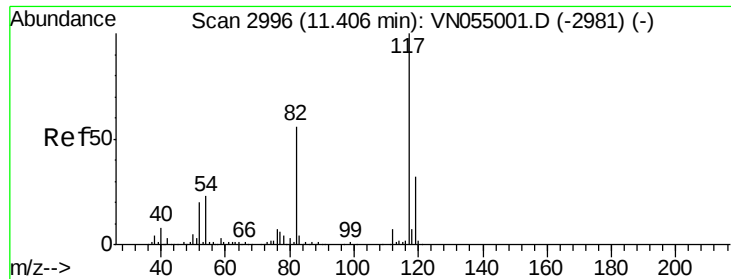
Ion Ratio Lower Upper

95 100

174 85.9 0.0 174.4

176 83.2 0.0 166.8

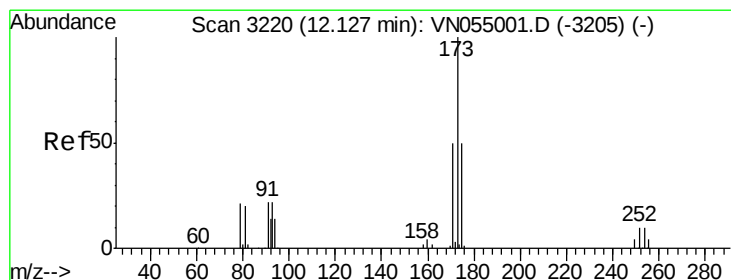
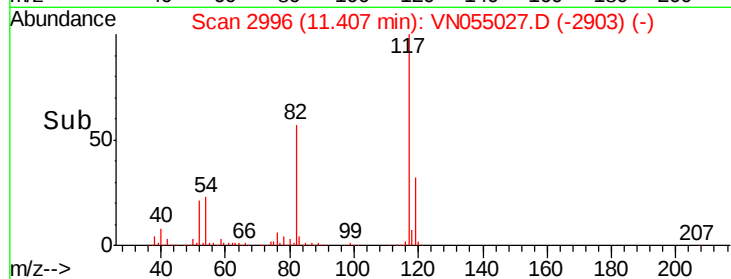
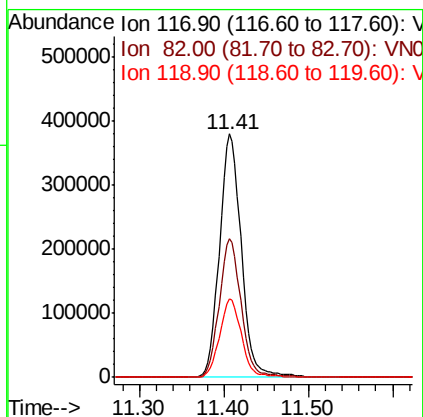
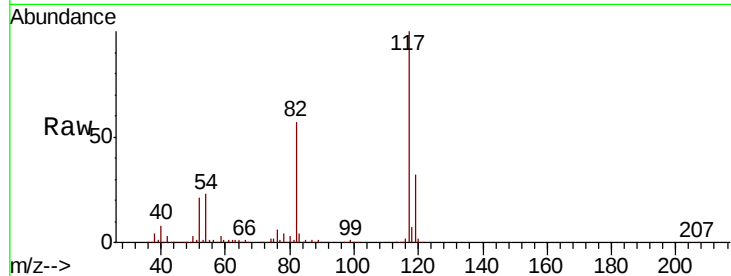




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055027.D
Acq: 13 Apr 2019 14:09

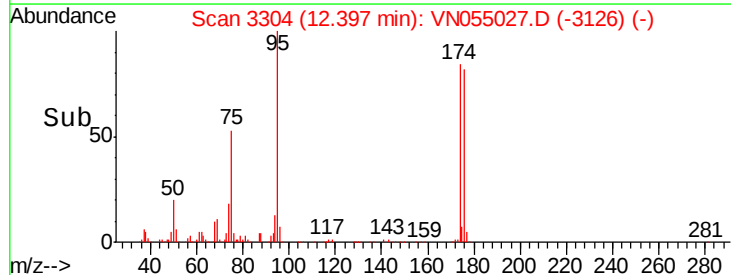
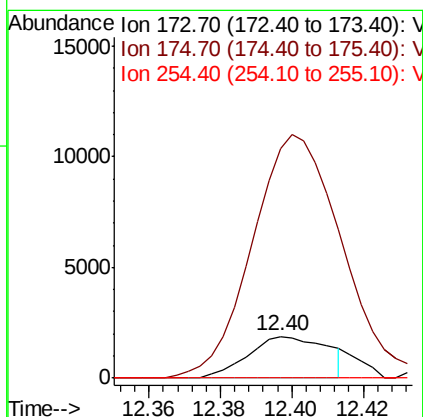
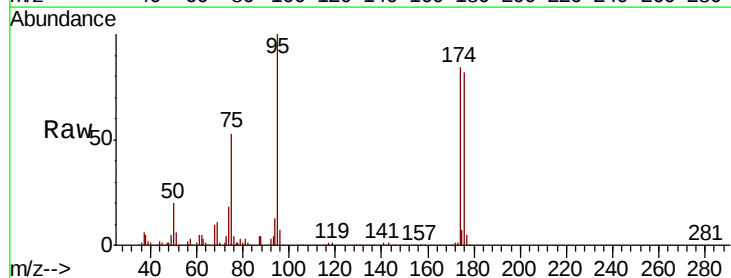
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

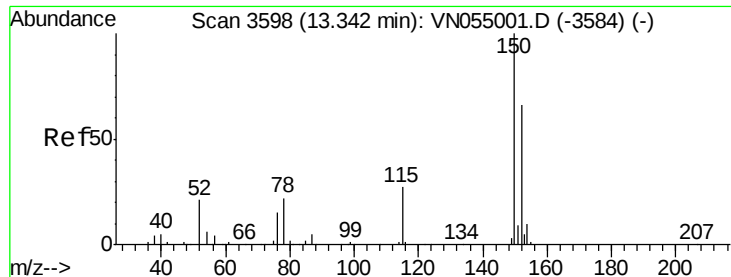
Tot Ion:117 Resp: 683596
Ion Ratio Lower Upper
117 100
82 57.1 44.6 66.8
119 32.2 25.5 38.3



#71
Bromoform
Concen: 3.412 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055027.D
Acq: 13 Apr 2019 14:09

Tgt Ion:173 Resp: 2905
Ion Ratio Lower Upper
173 100
175 564.9 24.3 73.0#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055027.D

Acq: 13 Apr 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

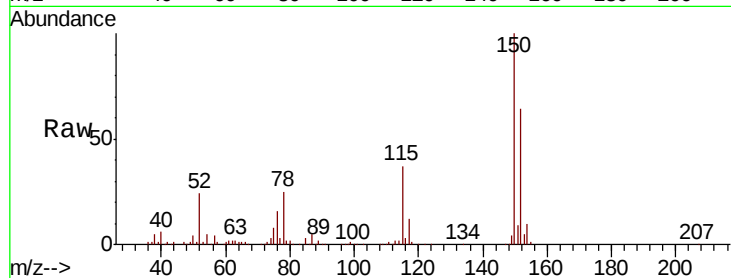
Tot Ion:152 Resp: 225000

Ion Ratio Lower Upper

152 100

115 56.7 28.5 85.6

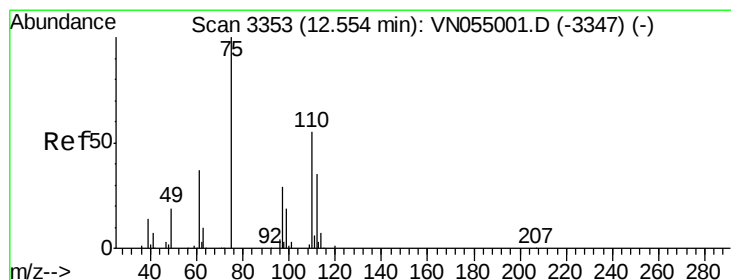
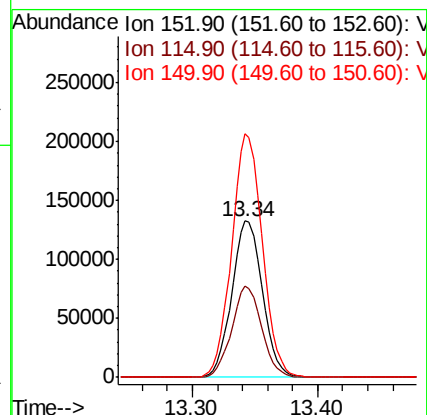
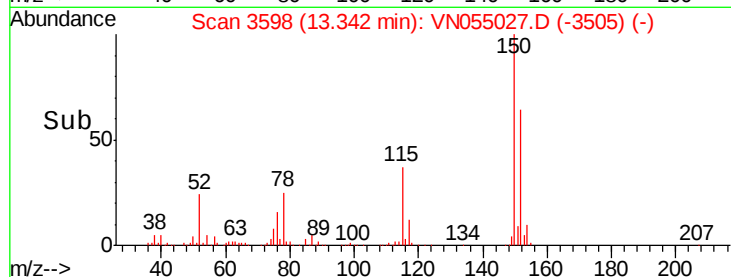
150 155.3 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 36.021 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055027.D

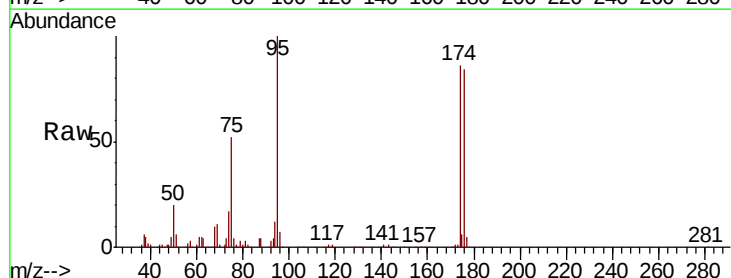
Acq: 13 Apr 2019 14:09

Tgt Ion: 75 Resp: 149105

Ion Ratio Lower Upper

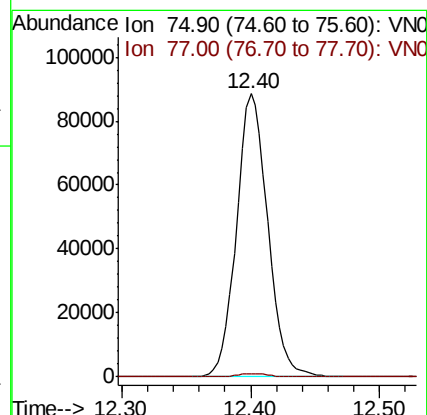
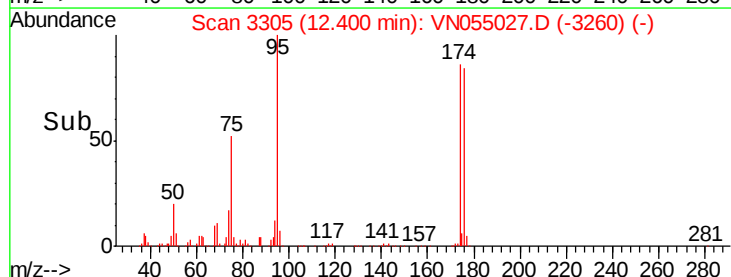
75 100

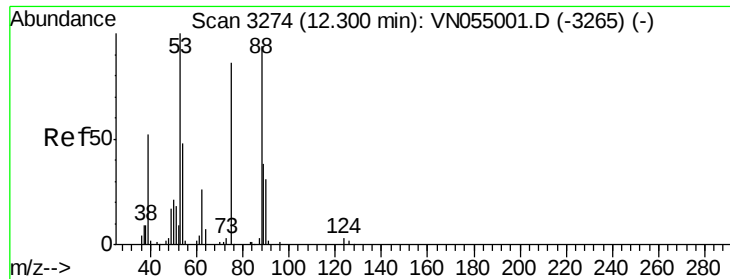
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 148.674 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055027.D

Acq: 13 Apr 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

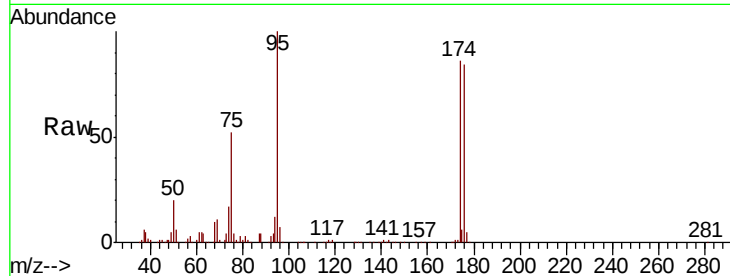
Tot Ion: 75 Resp: 149105

Ion Ratio Lower Upper

75 100

53 0.1 96.3 144.5#

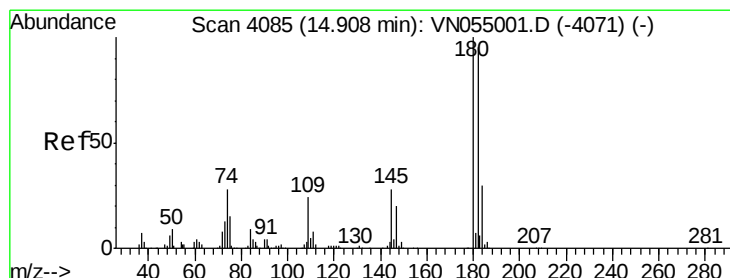
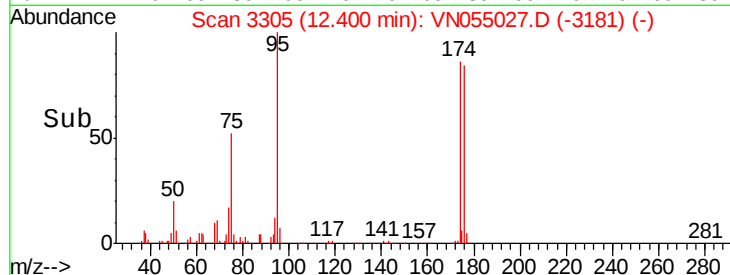
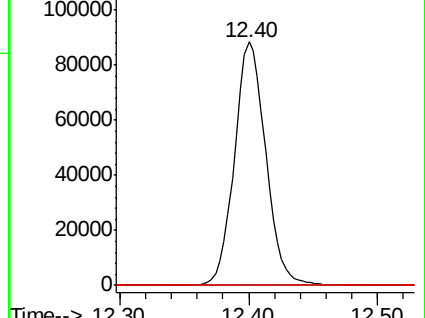
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055001.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN055001.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN055001.D (-3265) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.558 ug/l

RT: 14.93 min Scan# 4091

Delta R.T. 0.02 min

Lab File: VN055027.D

Acq: 13 Apr 2019 14:09

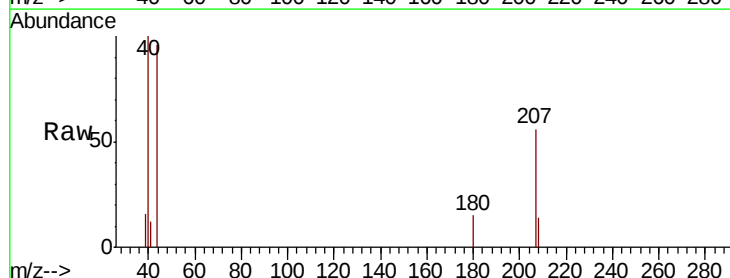
Tgt Ion: 180 Resp: 109

Ion Ratio Lower Upper

180 100

182 122.9 47.5 142.6

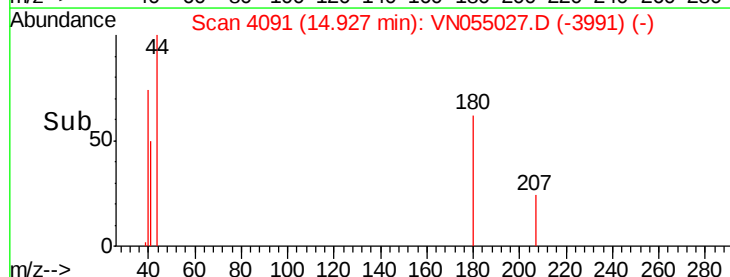
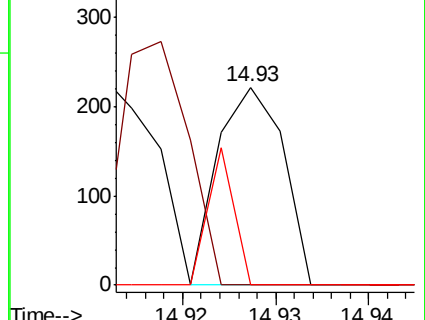
145 27.5 14.2 42.8

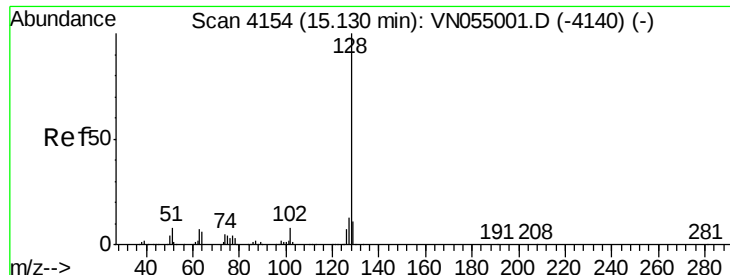


Abundance Ion 179.80 (179.50 to 180.50): VN055001.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN055001.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN055001.D (-4071) (-)





#95

Naphthalene

Concen: 4.711 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055027.D

Acq: 13 Apr 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

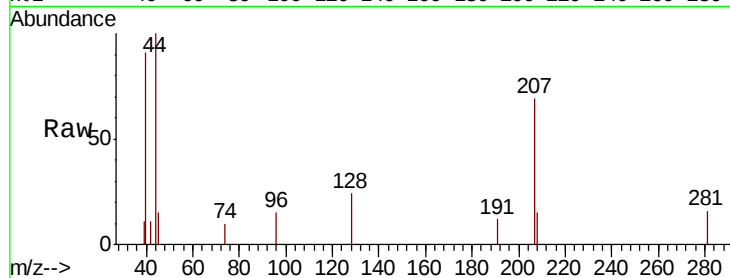
Tot Ion:128 Resp: 340

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

129 0.0 8.8 13.2#

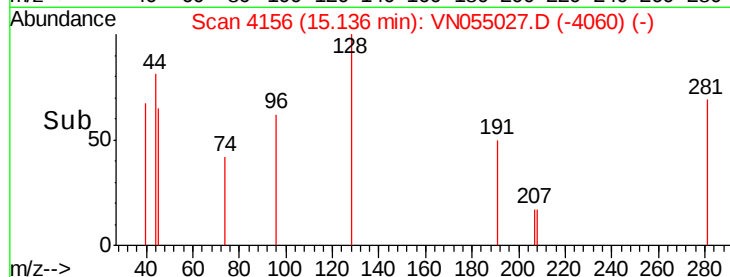
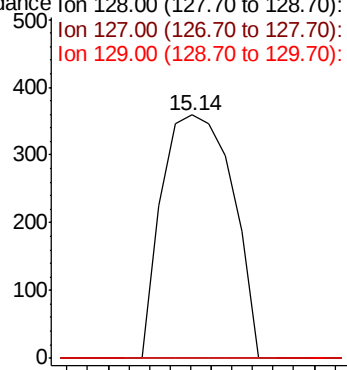


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->