

Data File : VN057062.D
Acq On : 2 Aug 2019 13:32
Operator : JC/SP
Sample : K4139-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 03 04:23:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	546209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	788607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	639203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157561	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	270782	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	7.58	113	244463	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.08	98	913373	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.40	95	227691	36.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.66%	

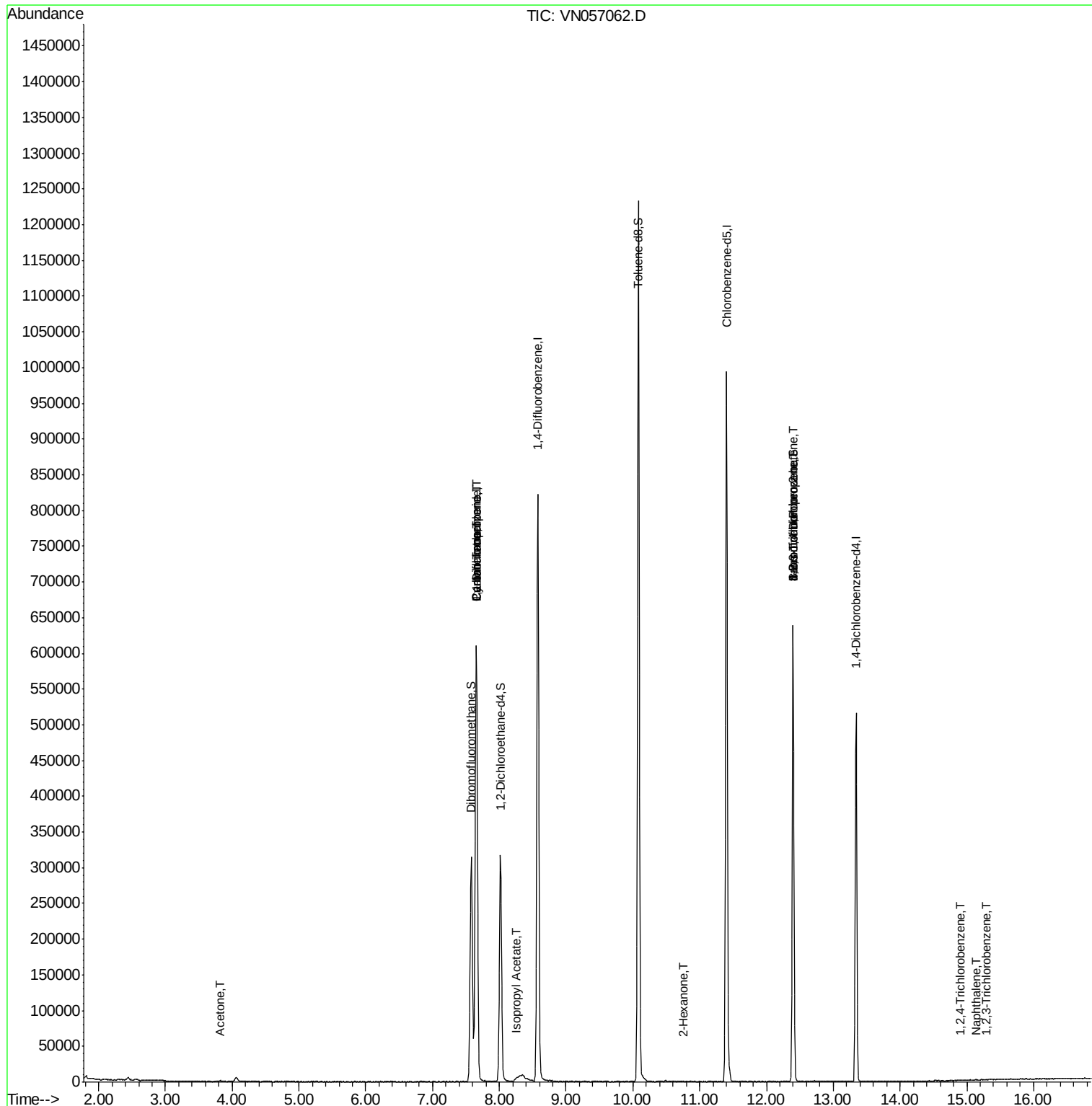
Target Compounds				Qvalue		
16) Acetone	3.82	43	2557	1.262	ug/l	91
31) Cyclohexane	7.66	56	7961	0.867	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	34160	4.923	ug/l #	48
38) Carbon Tetrachloride	7.66	117	46224	7.042	ug/l #	17
43) Isopropyl Acetate	8.25	43	2848	0.310	ug/l #	52
59) 2-Hexanone	10.76	43	168	2.539	ug/l #	23
71) Bromoform	12.40	173	1785	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	105157	32.864	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	105157	105.590	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	194	2.778	ug/l #	47
95) Naphthalene	15.13	128	612	3.673	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.30	180	297	2.152	ug/l #	75

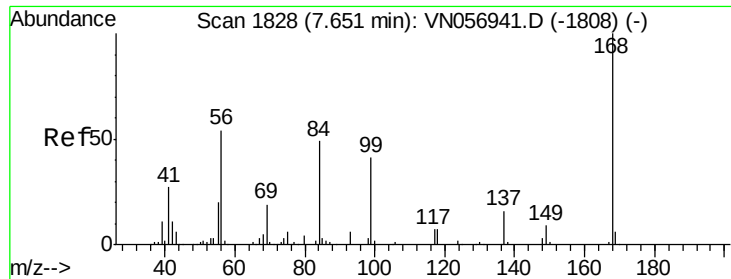
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN057062.D
Acq On : 2 Aug 2019 13:32
Operator : JC/SP
Sample : K4139-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 03 04:23:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057062.D

Acq: 2 Aug 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

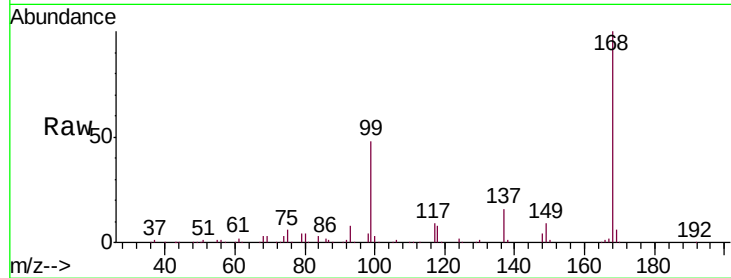
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 546209

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

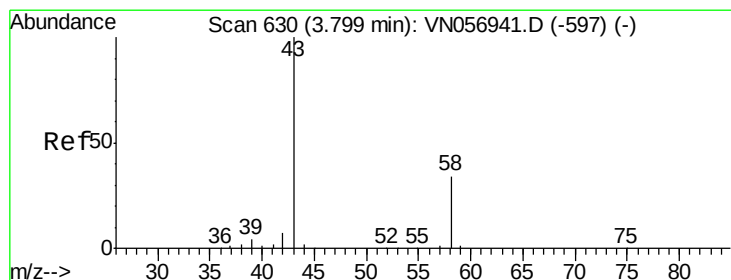
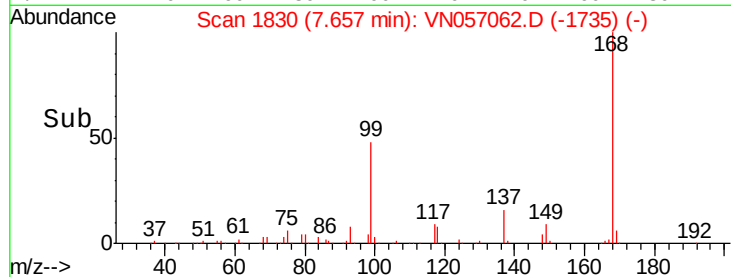
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.262 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN057062.D

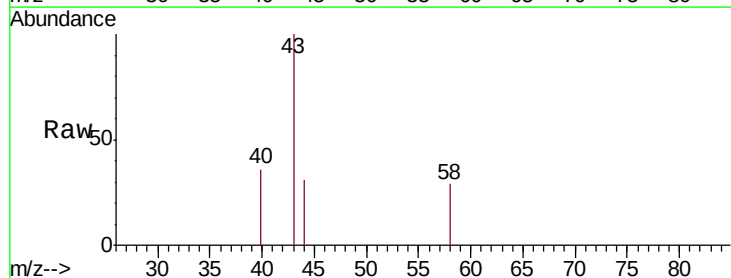
Acq: 2 Aug 2019 13:32

Tgt Ion: 43 Resp: 2557

Ion Ratio Lower Upper

43 100

58 28.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

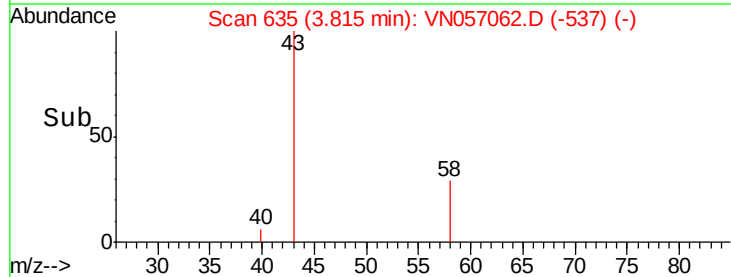
3.82

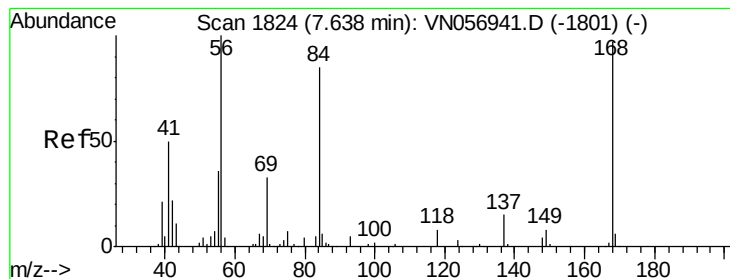
1000

500

0

Time-->





#31

Cyclohexane

Concen: 0.867 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.02 min

Lab File: VN057062.D

Acq: 2 Aug 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

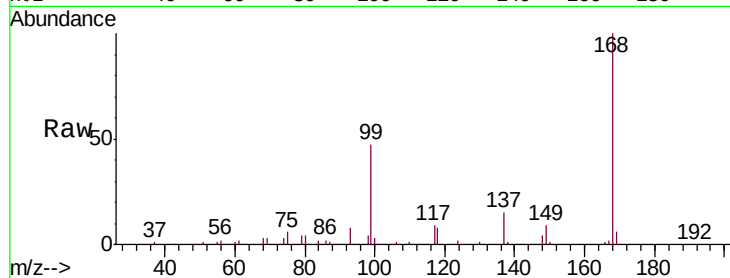
Tgt Ion: 56 Resp: 7961

Ion Ratio Lower Upper

56 100

69 189.6 26.2 39.2#

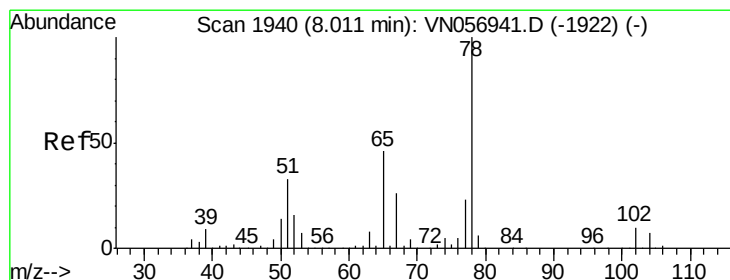
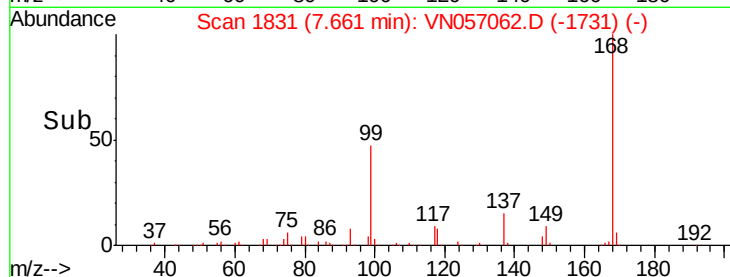
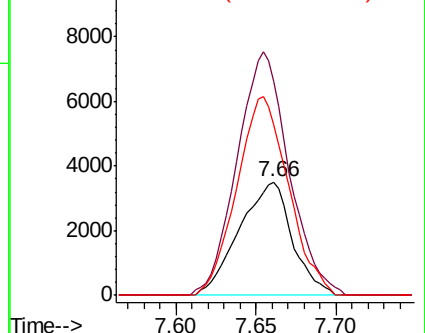
84 150.2 68.2 102.2#



Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 48.430 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057062.D

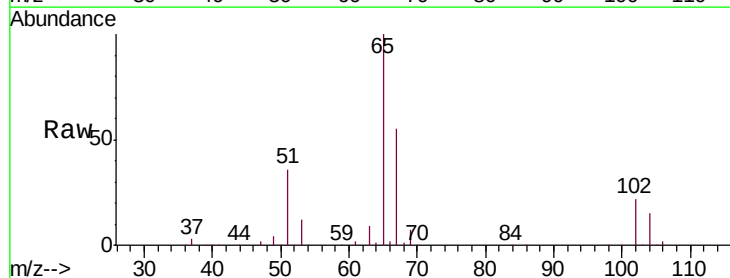
Acq: 2 Aug 2019 13:32

Tgt Ion: 65 Resp: 270782

Ion Ratio Lower Upper

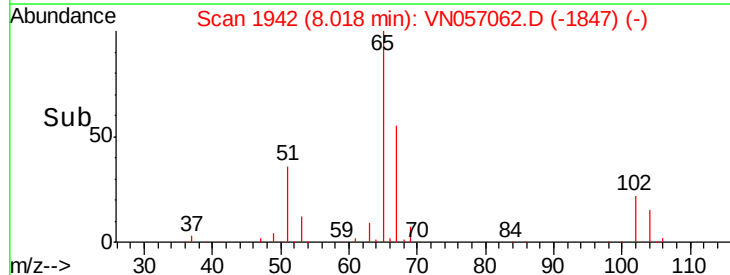
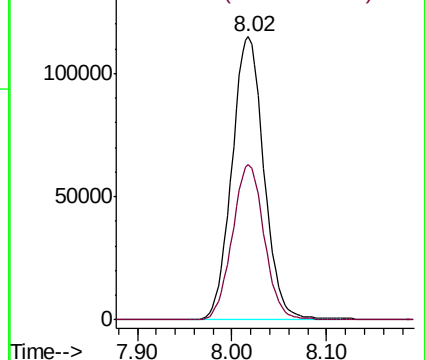
65 100

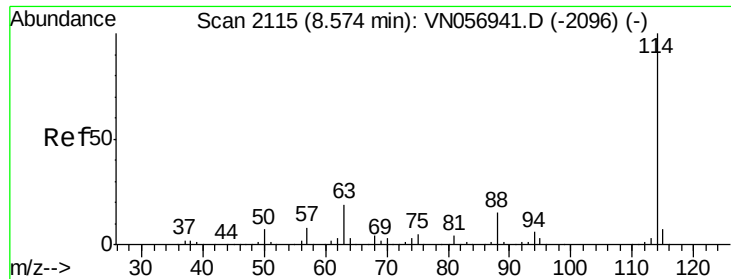
67 54.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

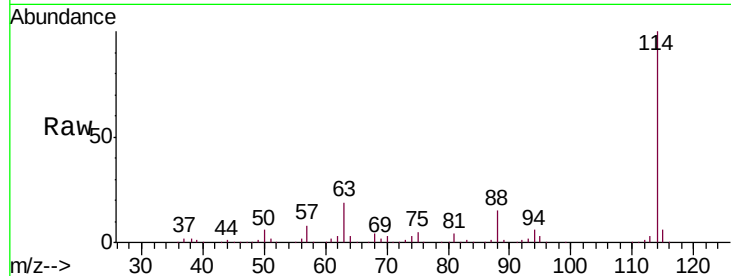




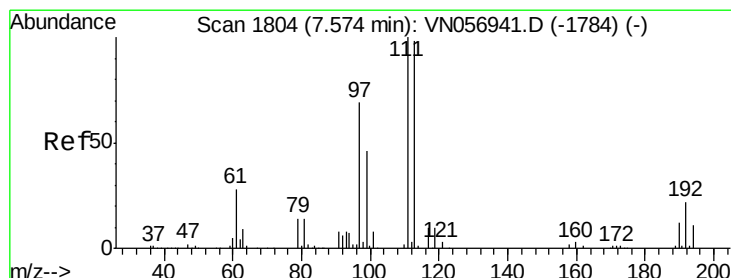
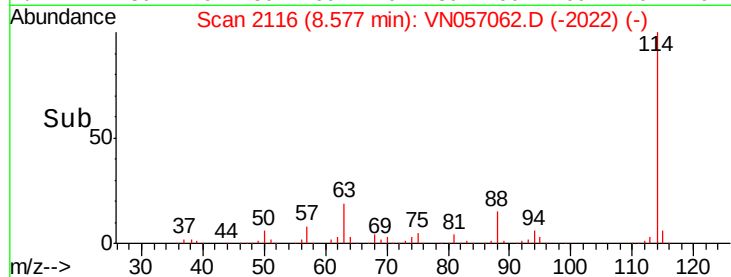
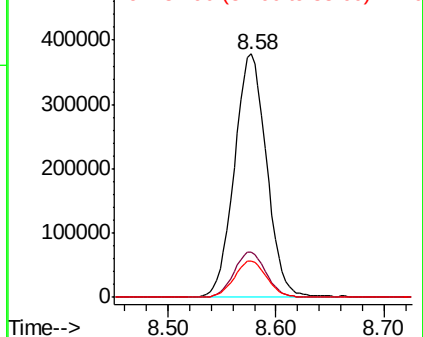
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 788607
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 15.1 0.0 30.0

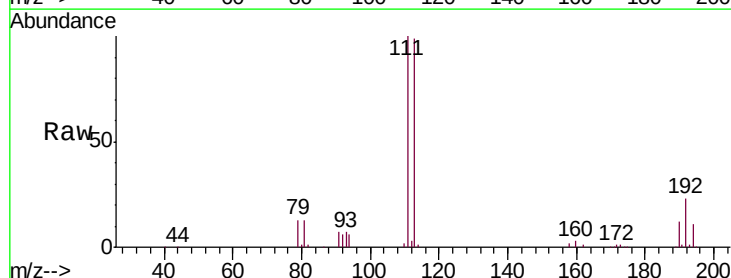


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

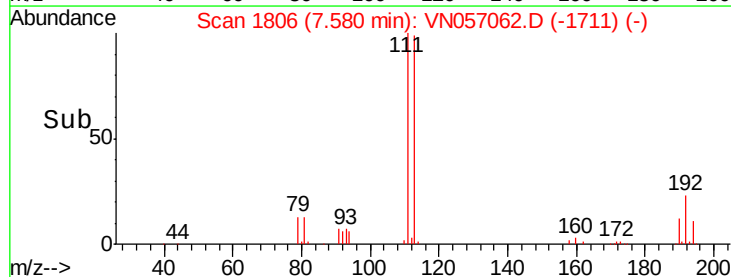
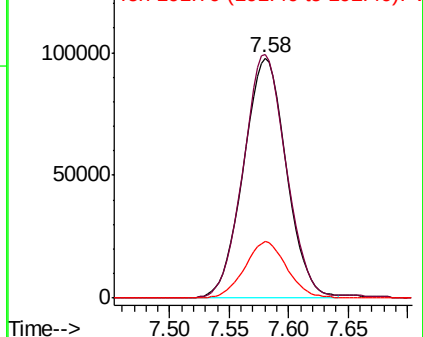


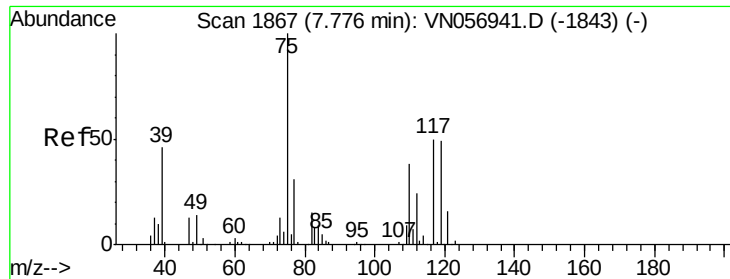
#35
 Dibromofluoromethane
 Concen: 48.424 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

Tgt Ion:113 Resp: 244463
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 23.1 18.4 27.6



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

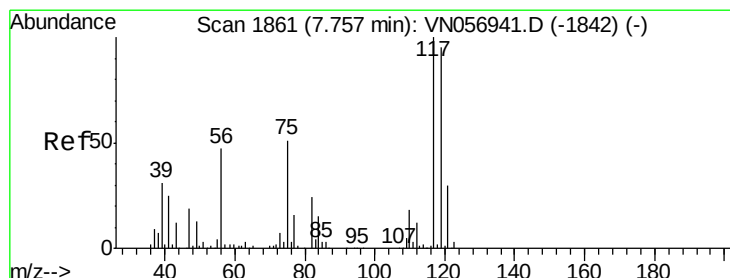
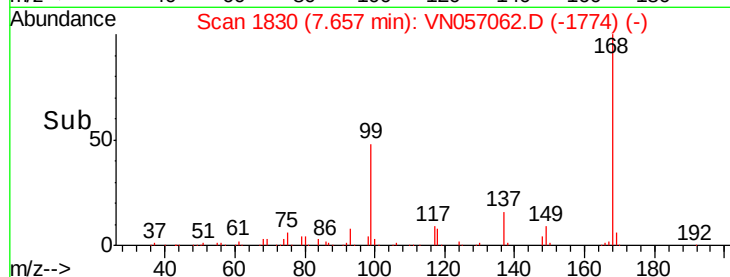
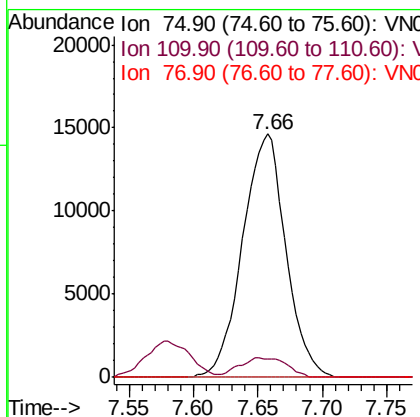
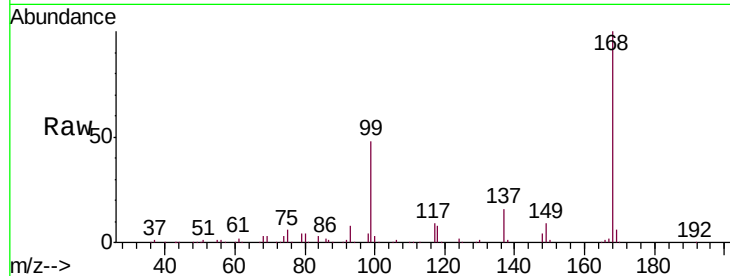




#36
 1,1-Dichloropropene
 Concen: 4.923 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.12 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

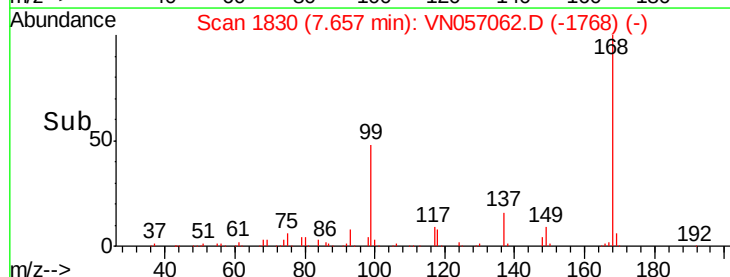
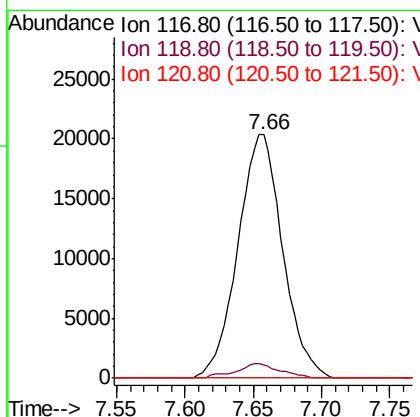
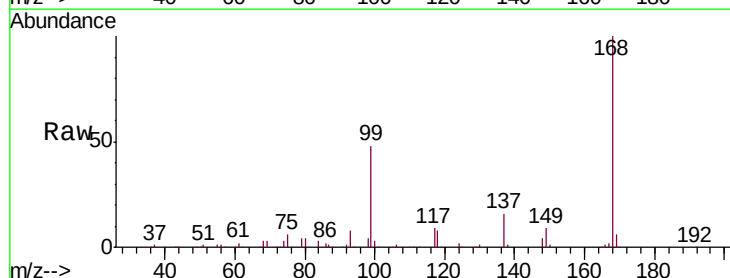
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

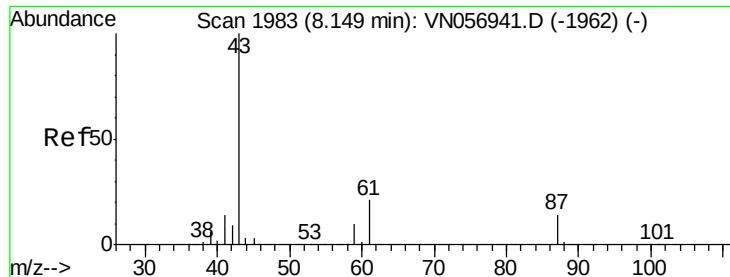
Tgt Ion: 75 Resp: 34160
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.6 55.8#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 7.042 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.10 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

Tgt Ion: 117 Resp: 46224
 Ion Ratio Lower Upper
 117 100
 119 5.5 75.3 112.9#
 121 0.0 24.2 36.4#





#43

Isopropyl Acetate

Concen: 0.310 ug/l

RT: 8.25 min Scan# 2014

Delta R.T. 0.10 min

Lab File: VN057062.D

Acq: 2 Aug 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

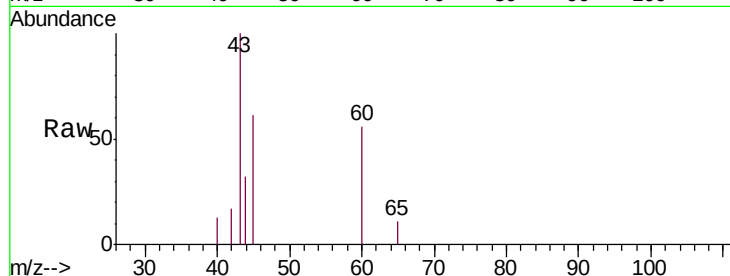
Tgt Ion: 43 Resp: 2848

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.6#

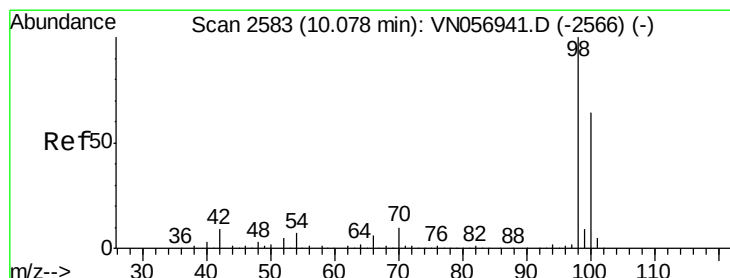
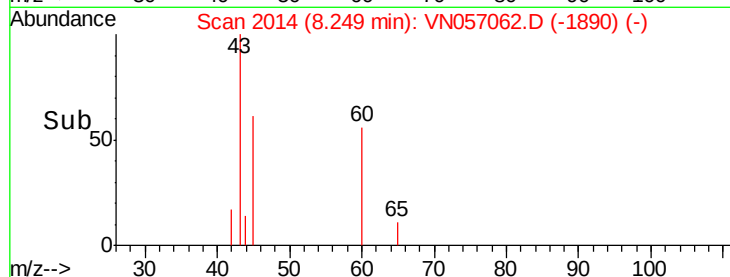
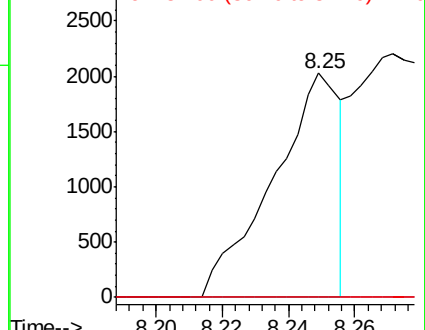
87 0.0 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 47.443 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057062.D

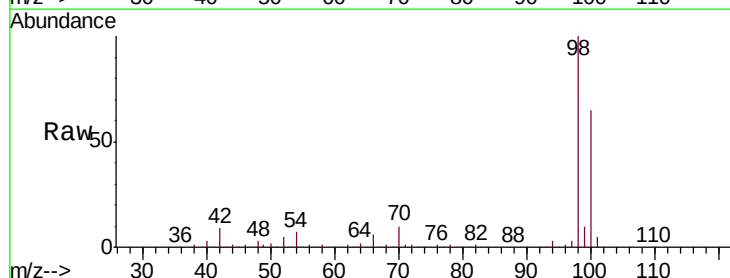
Acq: 2 Aug 2019 13:32

Tgt Ion: 98 Resp: 913373

Ion Ratio Lower Upper

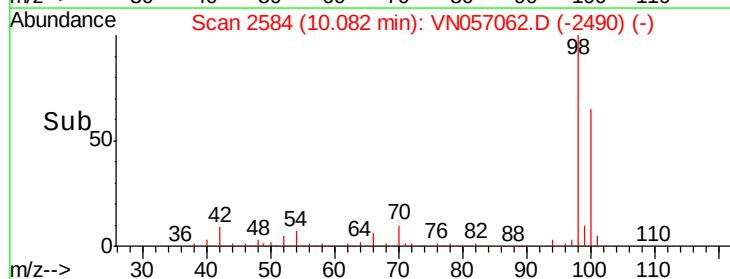
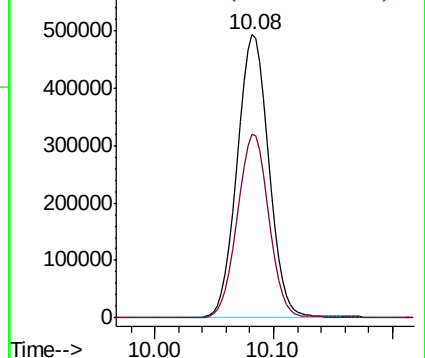
98 100

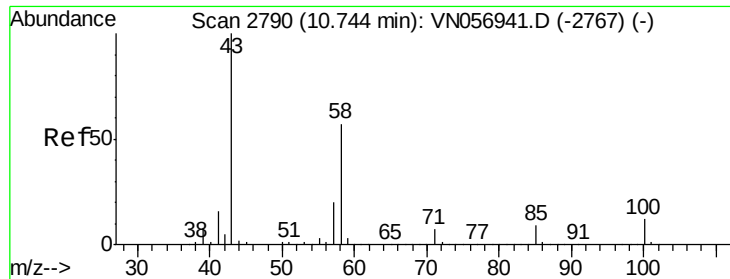
100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

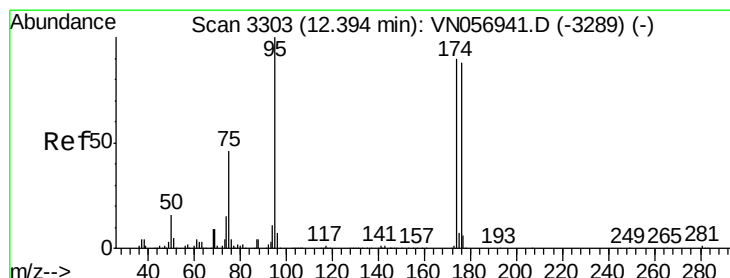
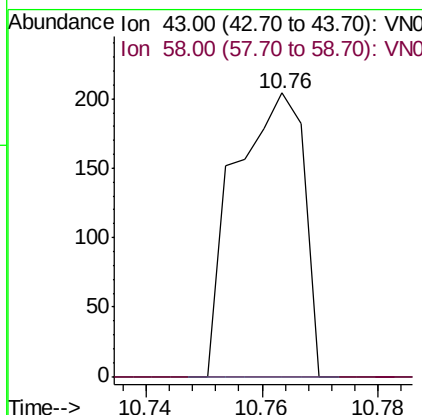
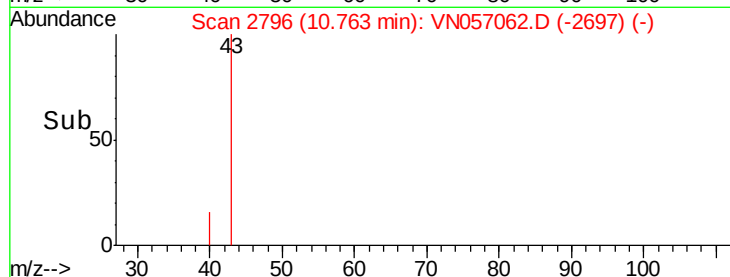
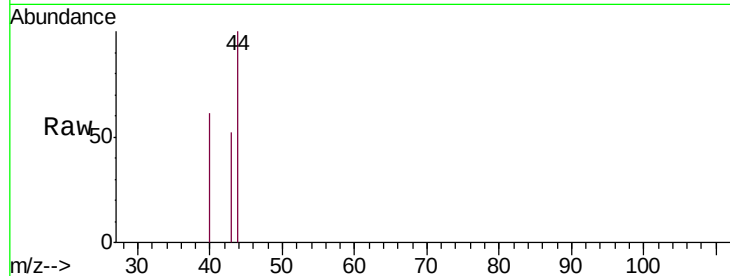




#59
 2-Hexanone
 Concen: 2.539 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.02 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

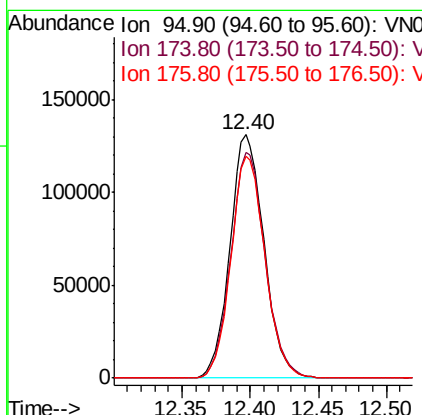
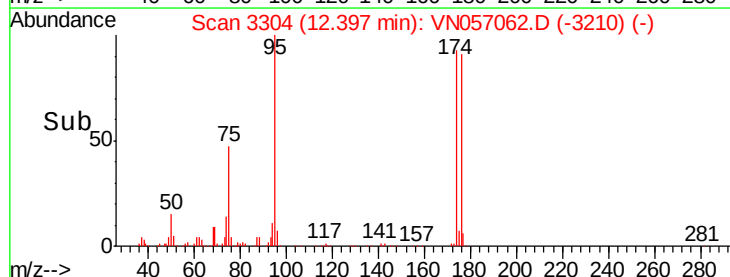
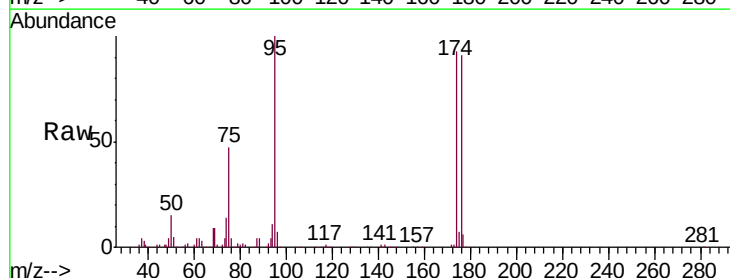
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

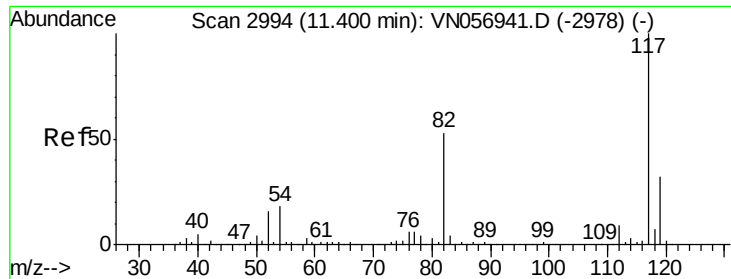
Tgt Ion: 43 Resp: 168
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.5 85.5#



#62
 4-Bromofluorobenzene
 Concen: 36.330 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

Tgt Ion: 95 Resp: 227691
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 182.2
 176 91.1 0.0 179.4

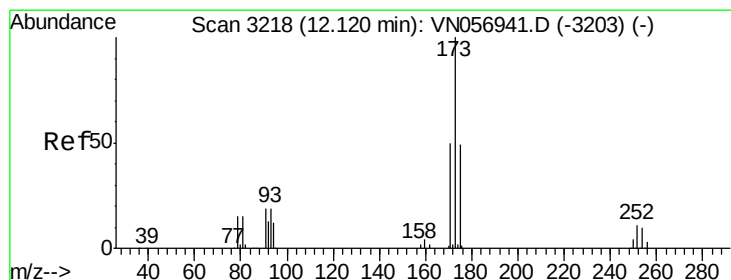
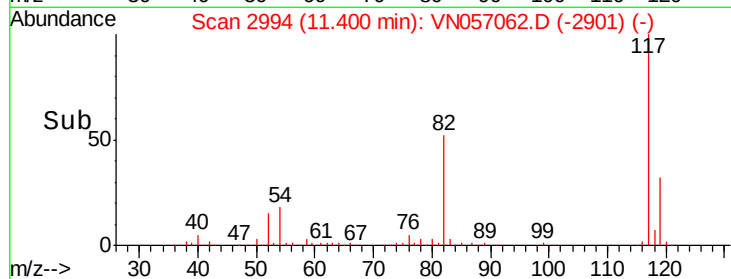
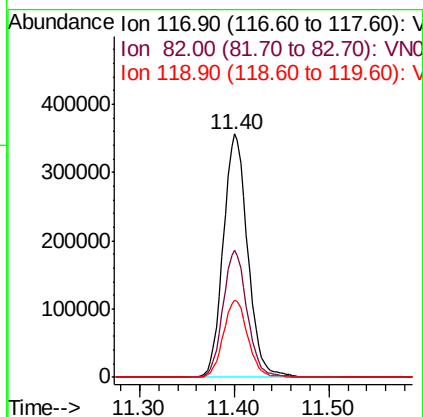
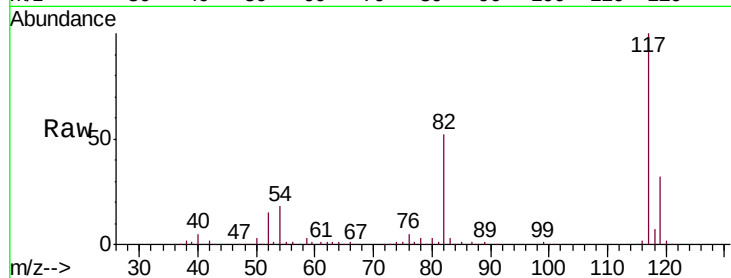




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057062.D
Acq: 2 Aug 2019 13:32

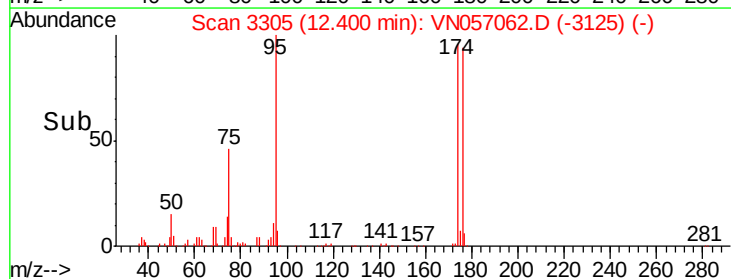
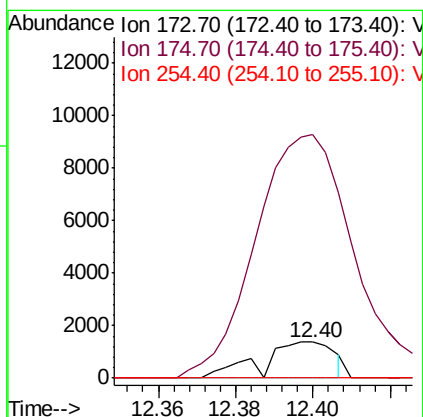
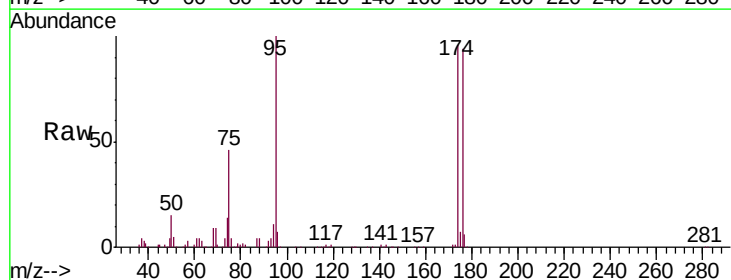
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

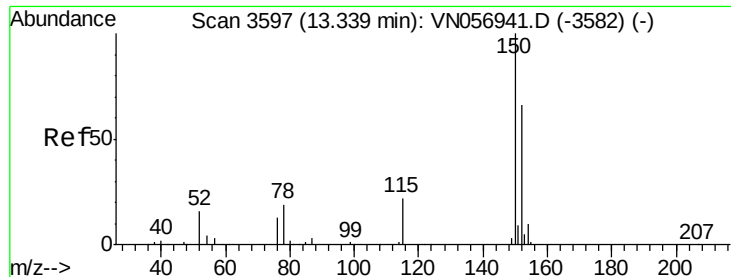
Tgt Ion:117 Resp: 639203
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.4
119 31.8 25.8 38.6



#71
Bromoform
Concen: 0.521 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN057062.D
Acq: 2 Aug 2019 13:32

Tgt Ion:173 Resp: 1785
Ion Ratio Lower Upper
173 100
175 741.2 24.1 72.4#
254 0.0 0.1 0.1#

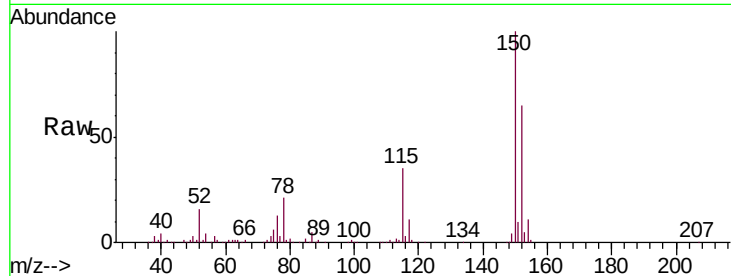




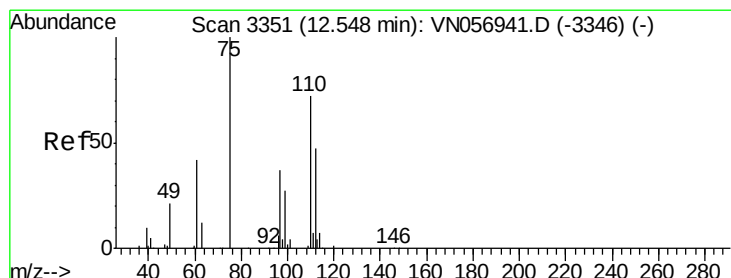
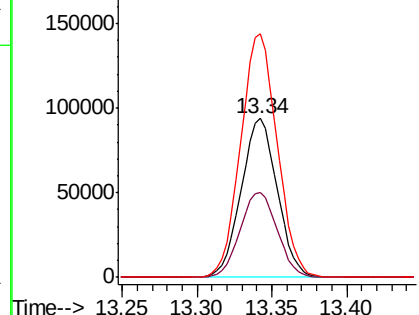
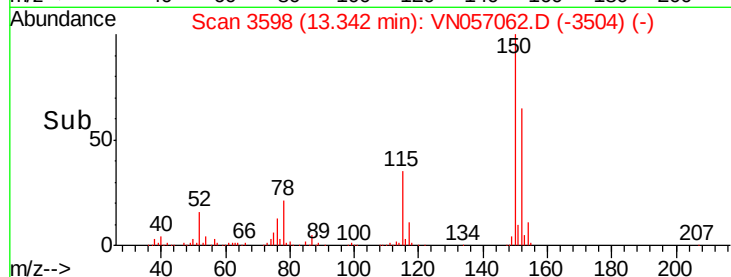
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion:152 Resp: 157561
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.6
 150 155.0 0.0 349.4

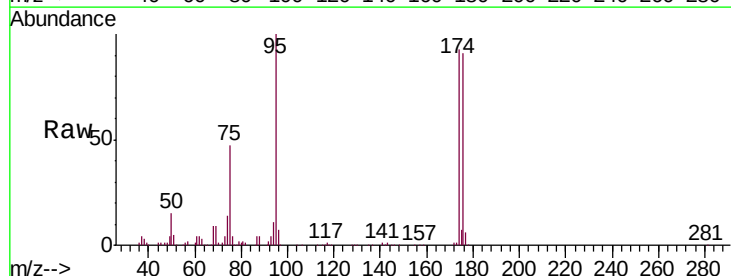


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

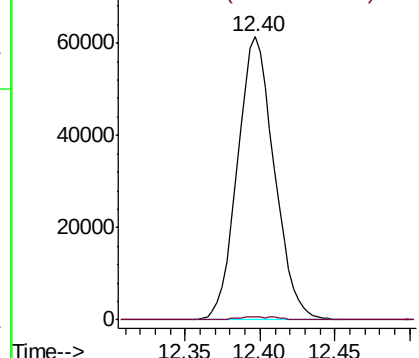
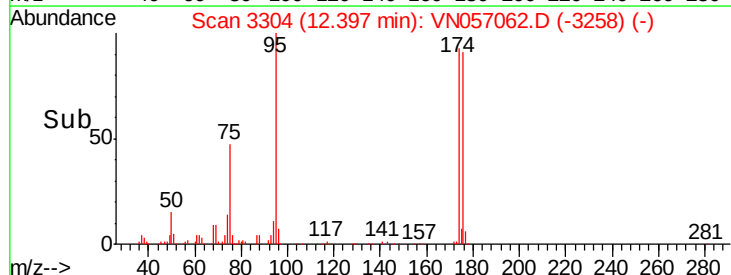


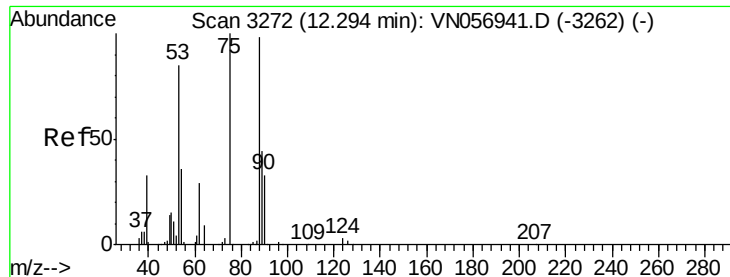
#76
 1,2,3-Trichloropropane
 Concen: 32.864 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

Tgt Ion: 75 Resp: 105157
 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: 105.590 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN057062.D

Acq: 2 Aug 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

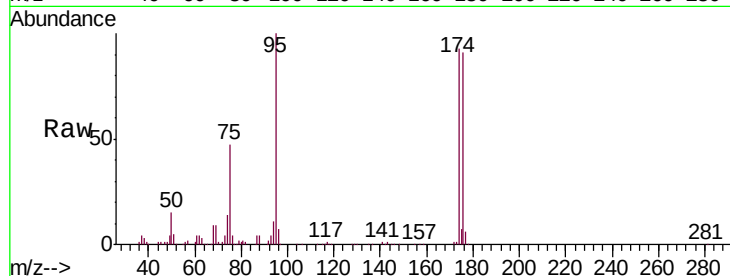
Tgt Ion: 75 Resp: 105157

Ion Ratio Lower Upper

75 100

53 0.0 69.3 103.9#

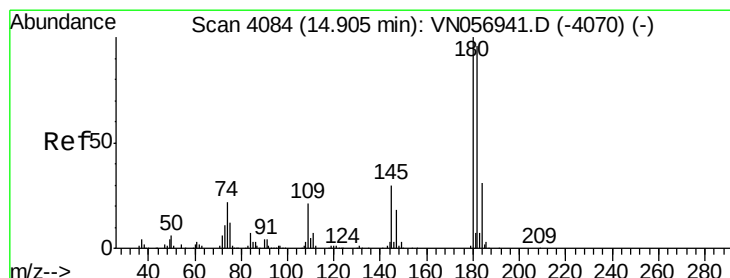
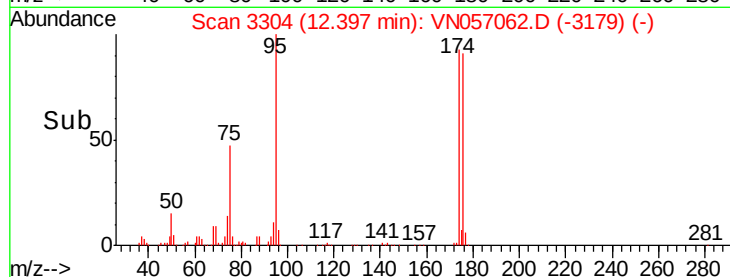
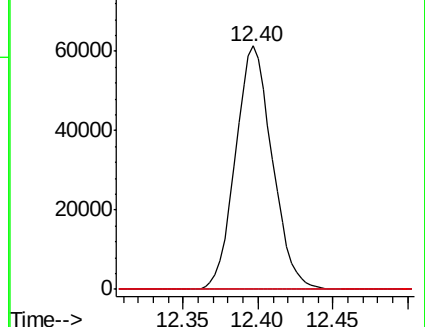
89 0.0 35.8 53.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN056941.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN056941.D (-3262) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.778 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN057062.D

Acq: 2 Aug 2019 13:32

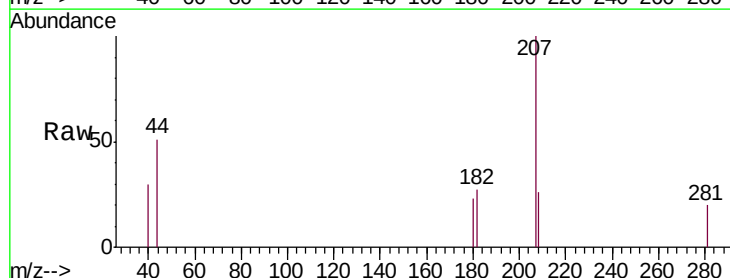
Tgt Ion: 180 Resp: 194

Ion Ratio Lower Upper

180 100

182 146.4 47.6 142.8#

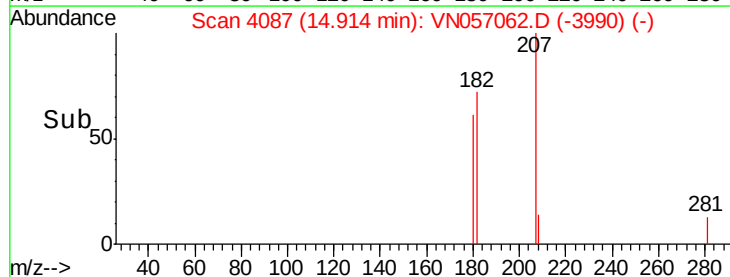
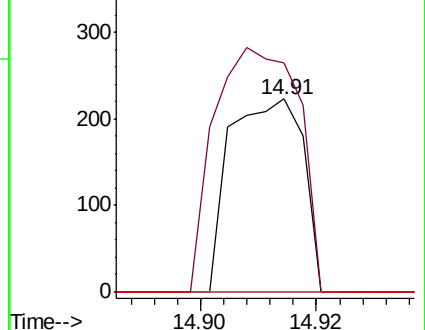
145 0.0 14.2 42.8#

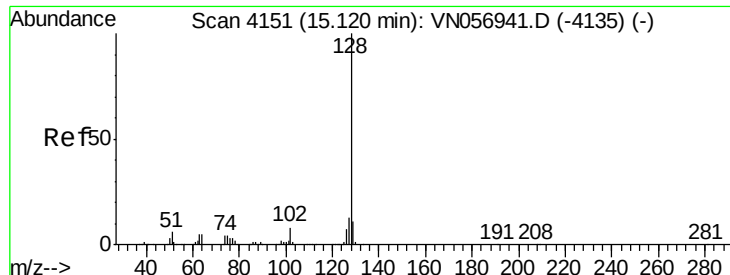


Abundance Ion 179.80 (179.50 to 180.50): VN056941.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN056941.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN056941.D (-4070) (-)





#95

Naphthalene

Concen: 3.673 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.01 min

Lab File: VN057062.D

Acq: 2 Aug 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

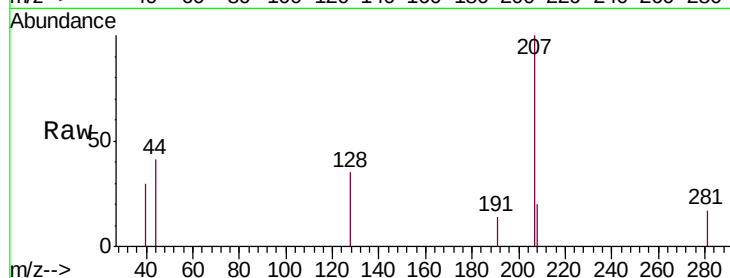
Tgt Ion:128 Resp: 612

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

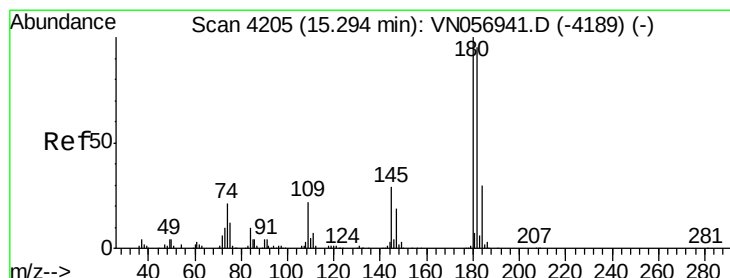
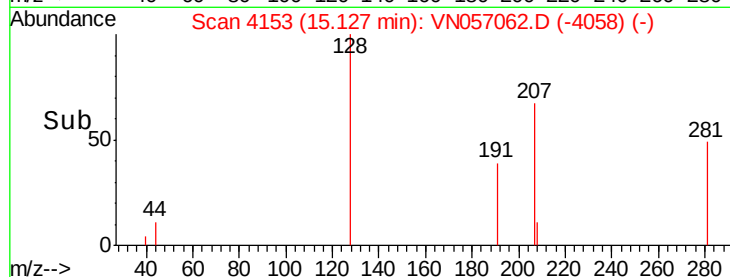
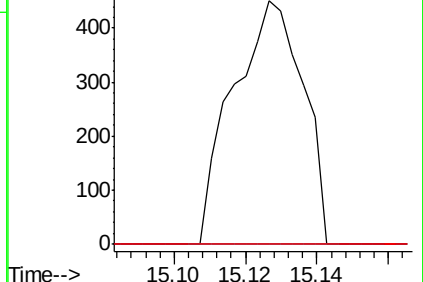
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.152 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057062.D

Acq: 2 Aug 2019 13:32

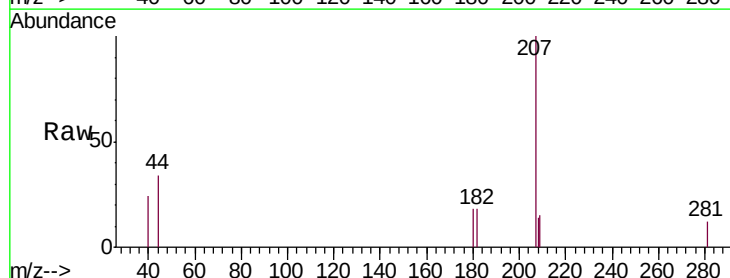
Tgt Ion:180 Resp: 297

Ion Ratio Lower Upper

180 100

182 111.1 48.0 144.2

145 0.0 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

