

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056711.D
 Acq On : 15 Jul 2019 14:53
 Operator : JC/SP
 Sample : K3797-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 16 04:22:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

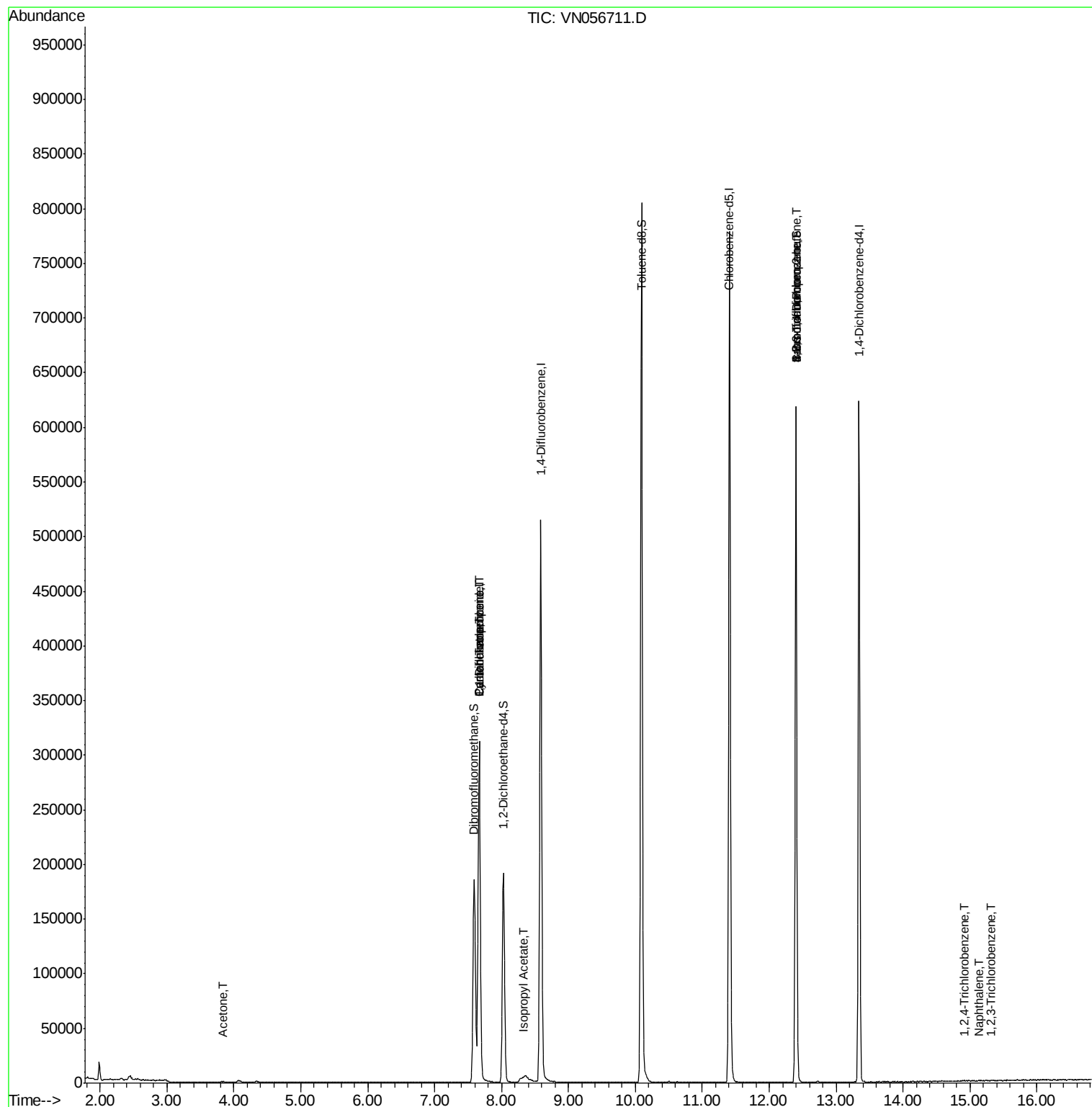
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	279785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	485062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	500155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	160263	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.59	113	146270	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.09	98	604276	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	217972	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	1507	1.057	ug/l	91
18) Methyl Acetate	4.33	43	1406	Below Cal	#	76
31) Cyclohexane	7.66	56	4404	0.890	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	18058	4.023	ug/l #	49
38) Carbon Tetrachloride	7.67	117	23798	5.654	ug/l #	16
43) Isopropyl Acetate	8.32	43	6210	0.893	ug/l #	53
71) Bromoform	12.40	173	1694	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	101310	25.414	ug/l #	100
79) 2-Chlorotoluene	12.78	91	63	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	101310	78.485	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.90	180	102	3.718	ug/l #	68
95) Naphthalene	15.14	128	501	4.572	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	339	3.412	ug/l #	27

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

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STORAGE-BLANK-WATER-REF-4

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056711.D

Acq: 15 Jul 2019 14:53

Instrument :

MSVOA_N

ClientSampleId :

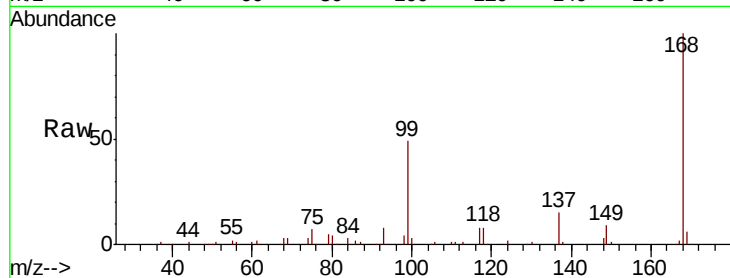
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 279785

Ion Ratio Lower Upper

168 100

99 49.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056711.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056711.D (-1739) (-)

7.67

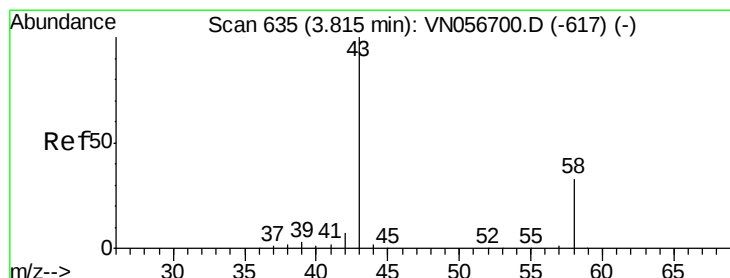
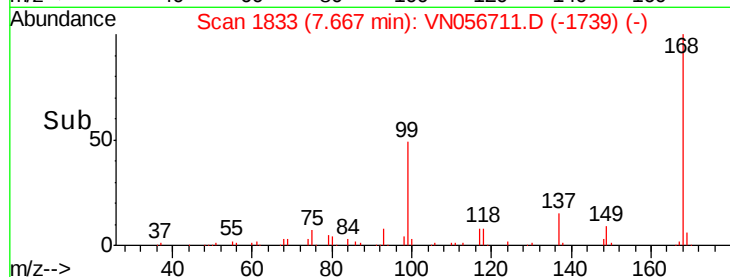
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 1.057 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN056711.D

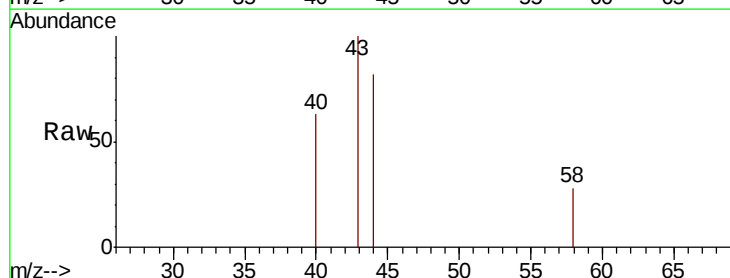
Acq: 15 Jul 2019 14:53

Tgt Ion: 43 Resp: 1507

Ion Ratio Lower Upper

43 100

58 28.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056711.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056711.D (-542) (-)

3.83

600

500

400

300

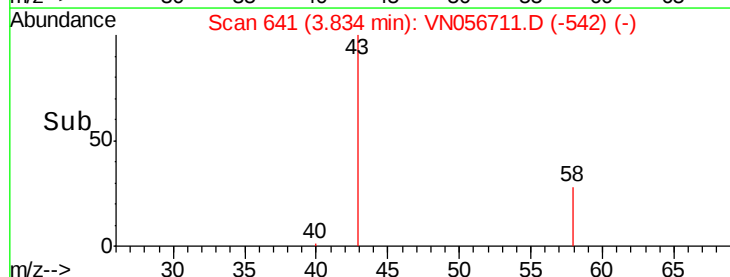
200

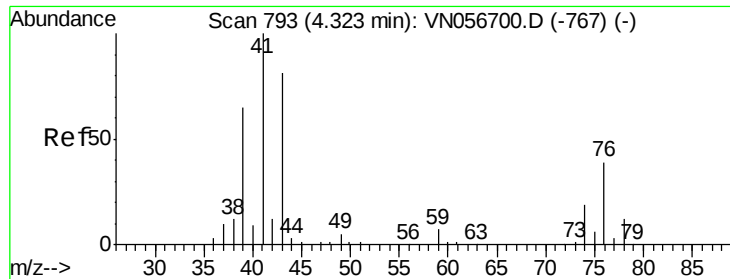
100

0

Time-->

3.80 3.85

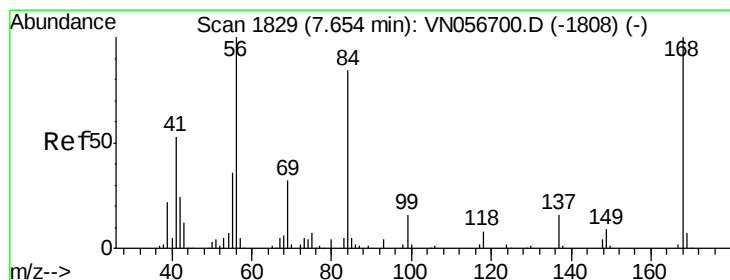
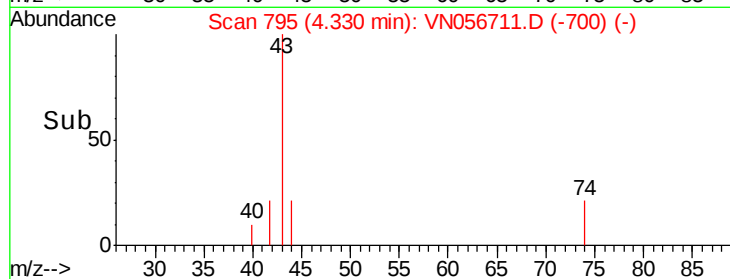
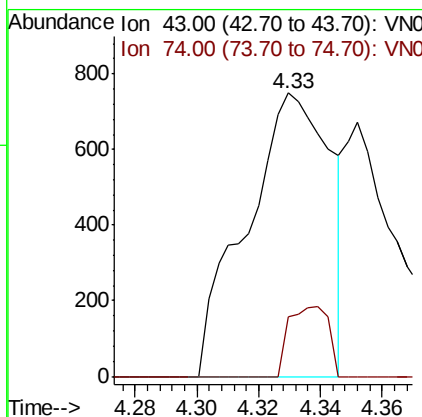
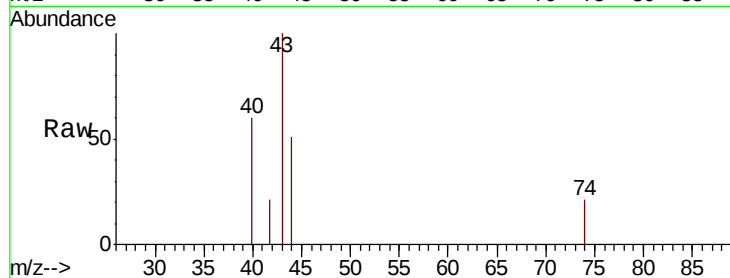




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056711.D
Acq: 15 Jul 2019 14:53

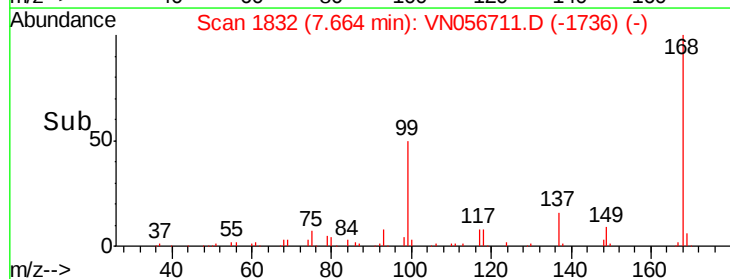
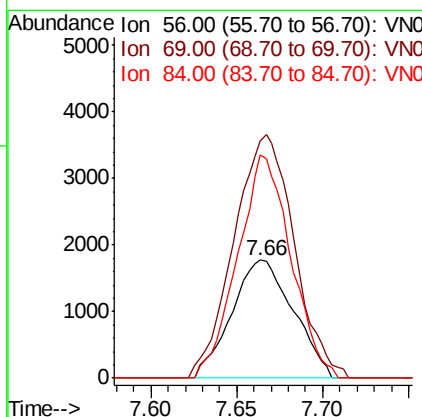
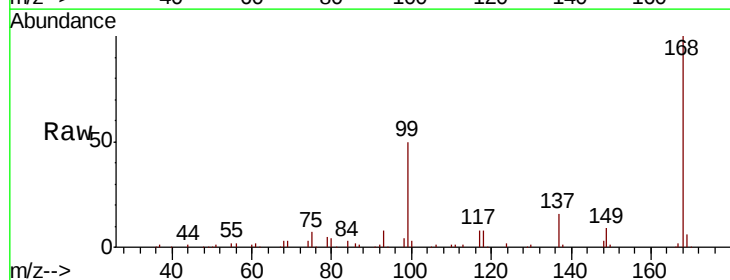
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

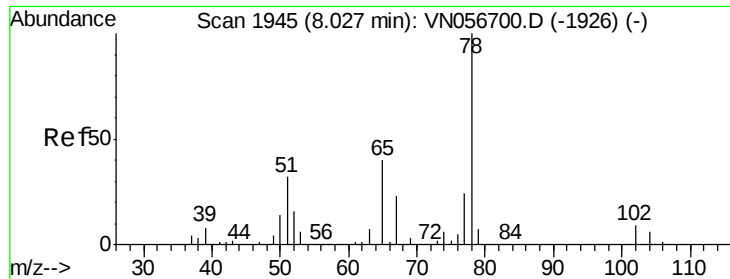
Tot Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
74 11.7 18.9 28.3#



#31
Cyclohexane
Concen: 0.890 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056711.D
Acq: 15 Jul 2019 14:53

Tgt Ion: 56 Resp: 4404
Ion Ratio Lower Upper
56 100
69 201.5 25.8 38.8#
84 189.8 67.4 101.0#

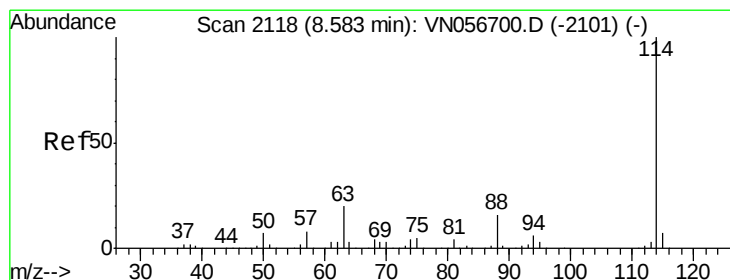
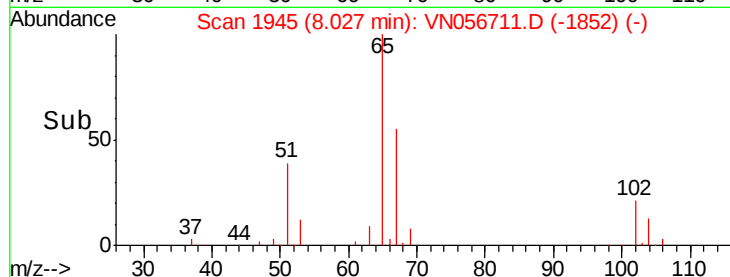
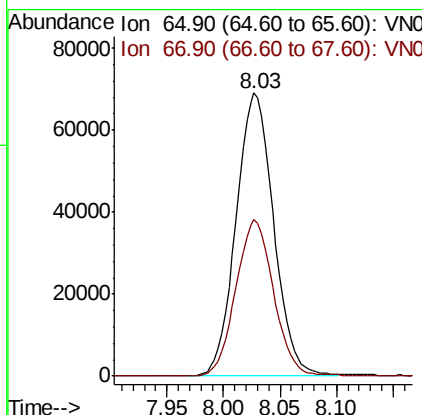
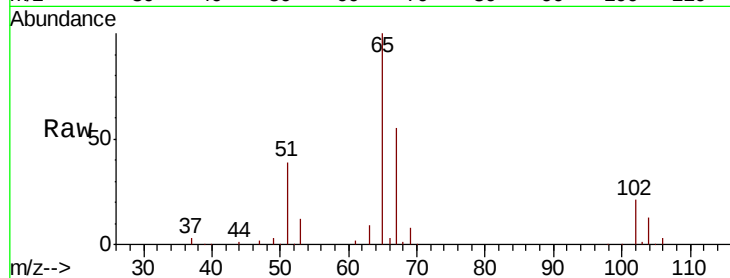




#33
 1,2-Dichloroethane-d4
 Concen: 51.784 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056711.D
 Acq: 15 Jul 2019 14:53

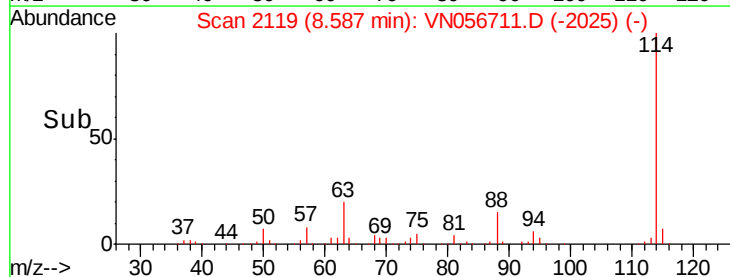
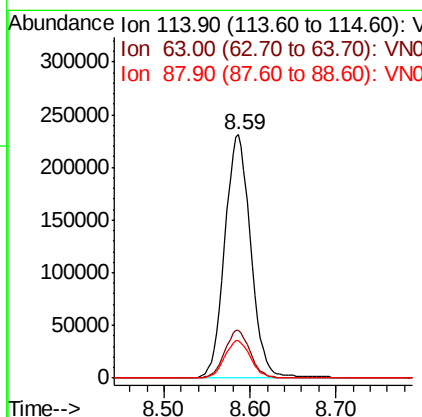
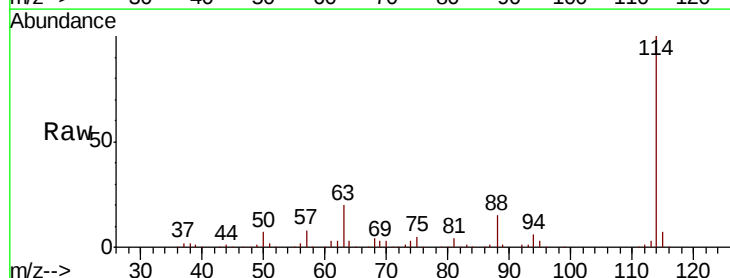
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

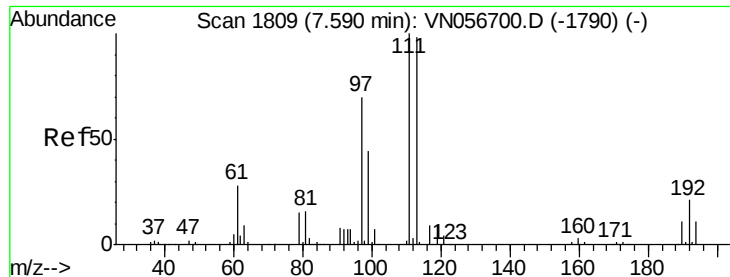
Tot Ion: 65 Resp: 160263
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056711.D
 Acq: 15 Jul 2019 14:53

Tgt Ion: 114 Resp: 485062
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.4 0.0 31.2

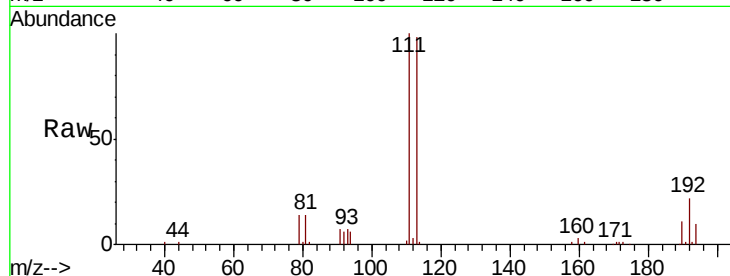




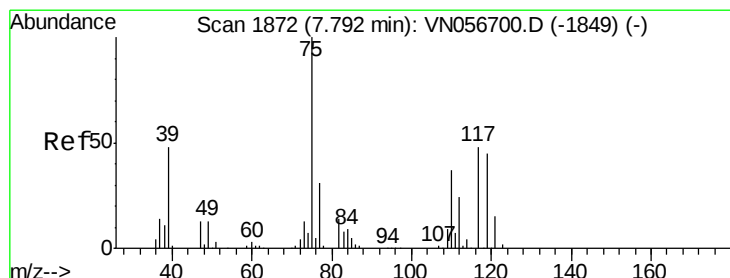
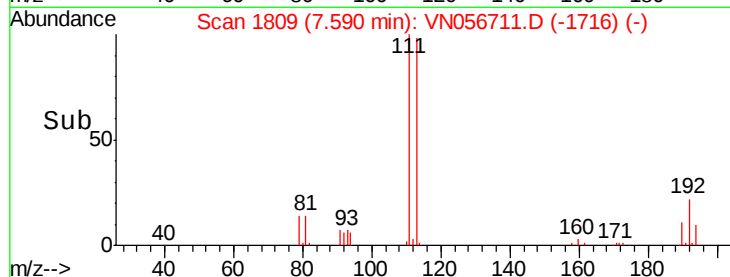
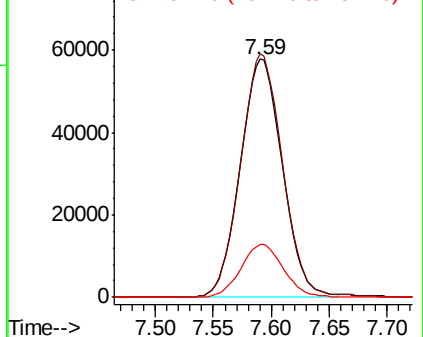
#35
 Dibromofluoromethane
 Concen: 48.456 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056711.D
 Acq: 15 Jul 2019 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tot Ion:113 Resp: 146270
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.6
 192 22.3 17.5 26.3

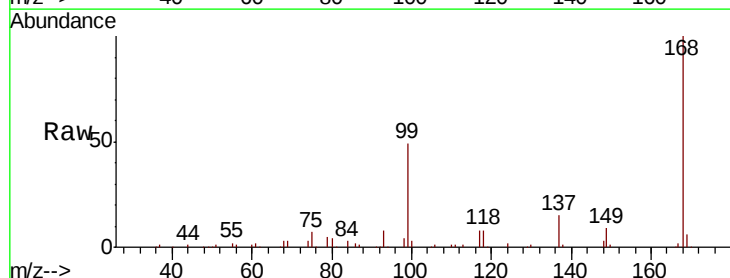


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

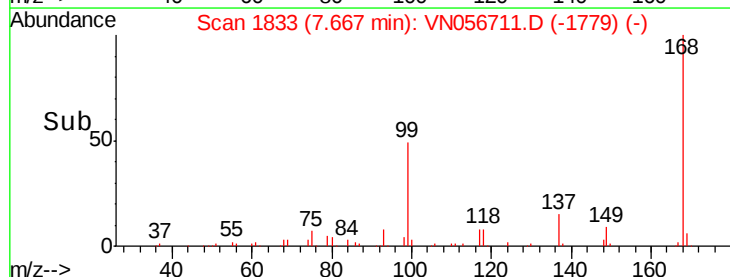
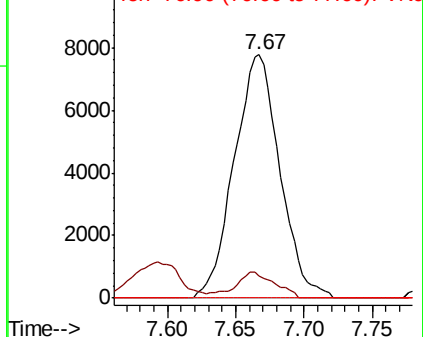


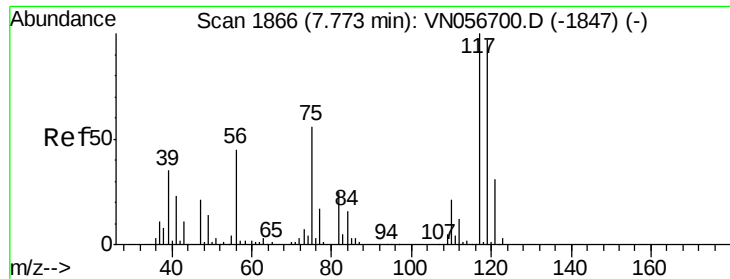
#36
 1,1-Dichloropropene
 Concen: 4.023 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN056711.D
 Acq: 15 Jul 2019 14:53

Tgt Ion: 75 Resp: 18058
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.4 55.4#
 77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.654 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN056711.D

Acq: 15 Jul 2019 14:53

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

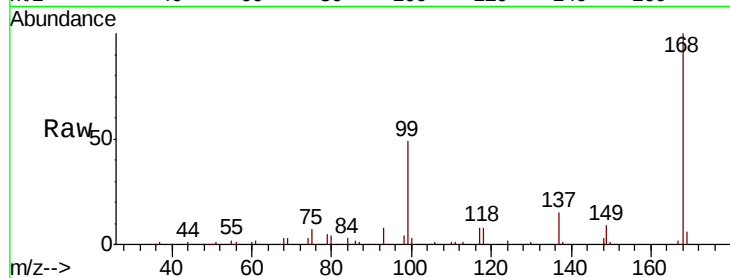
Tot Ion:117 Resp: 23798

Ion Ratio Lower Upper

117 100

119 5.3 77.5 116.3#

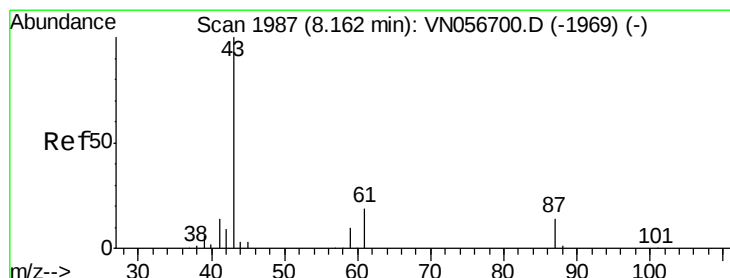
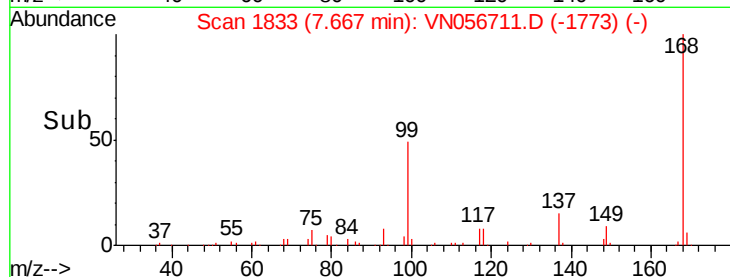
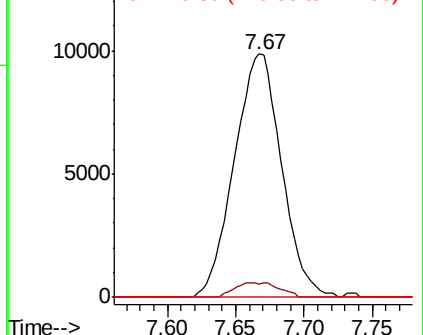
121 0.0 24.7 37.1#



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: 0.893 ug/l

RT: 8.32 min Scan# 2036

Delta R.T. 0.16 min

Lab File: VN056711.D

Acq: 15 Jul 2019 14:53

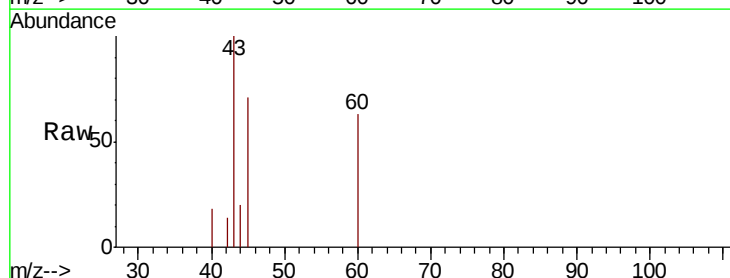
Tgt Ion: 43 Resp: 6210

Ion Ratio Lower Upper

43 100

61 0.0 22.3 33.5#

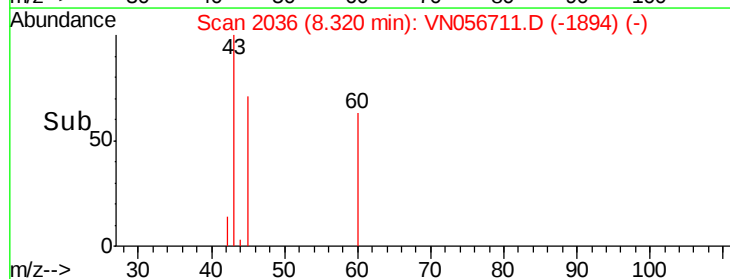
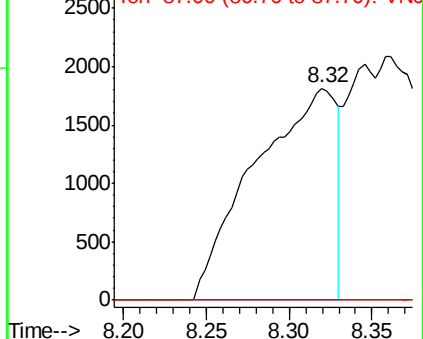
87 0.0 11.1 16.7#

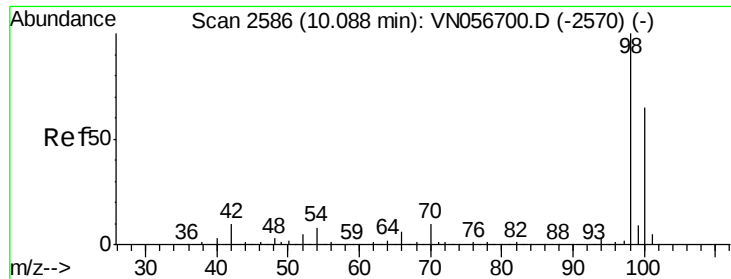


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 51.830 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056711.D

Acq: 15 Jul 2019 14:53

Instrument :

MSVOA_N

ClientSampleId :

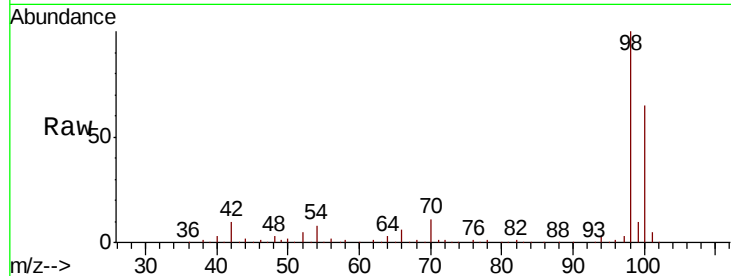
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 604276

Ion Ratio Lower Upper

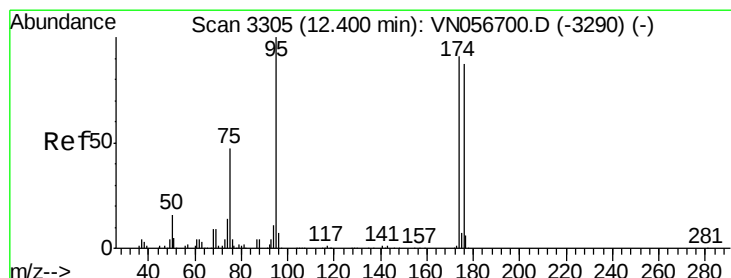
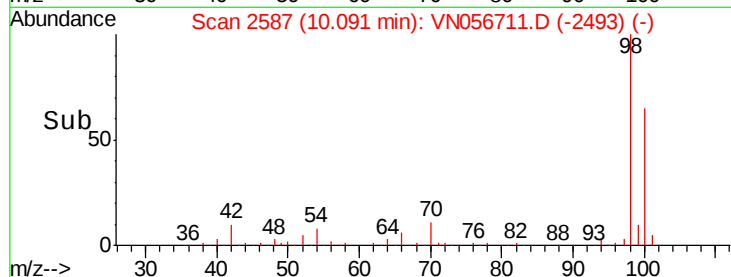
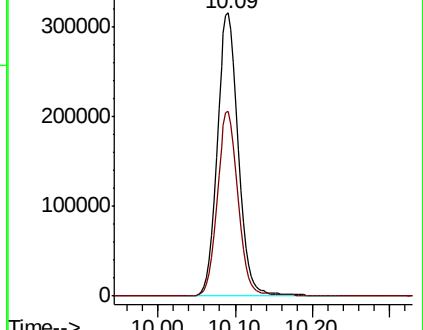
98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 55.440 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056711.D

Acq: 15 Jul 2019 14:53

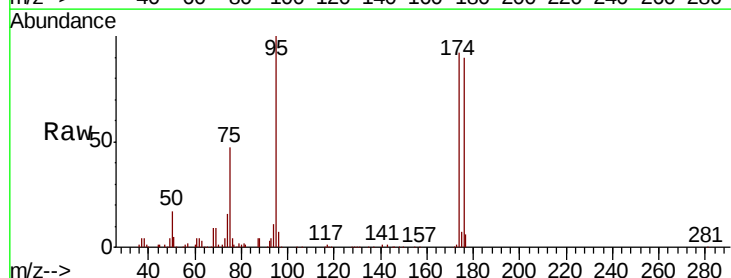
Tgt Ion: 95 Resp: 217972

Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.0

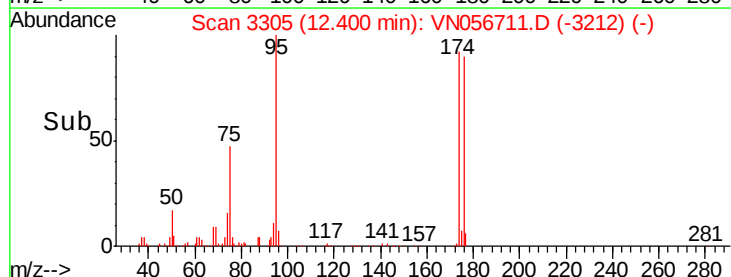
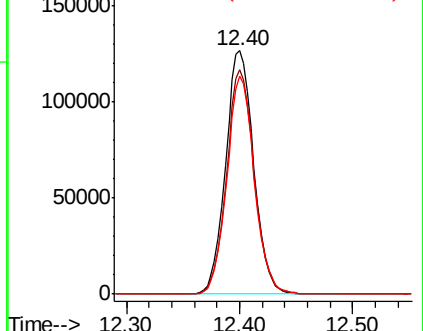
176 87.7 0.0 173.2

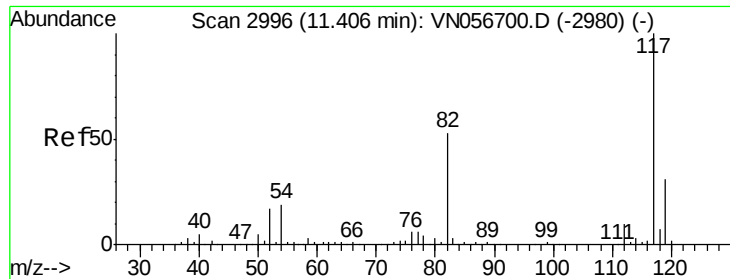


Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

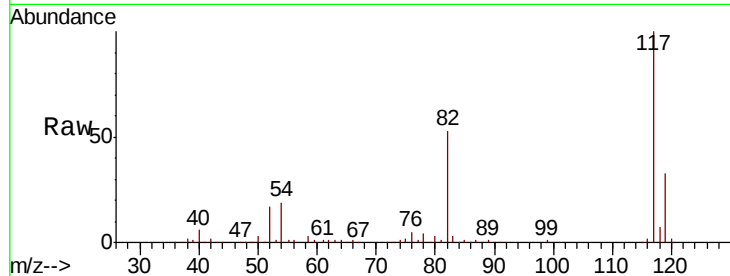




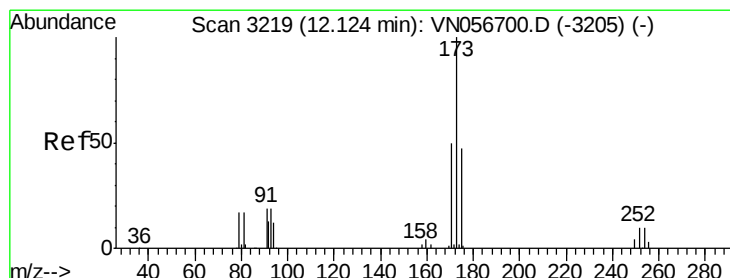
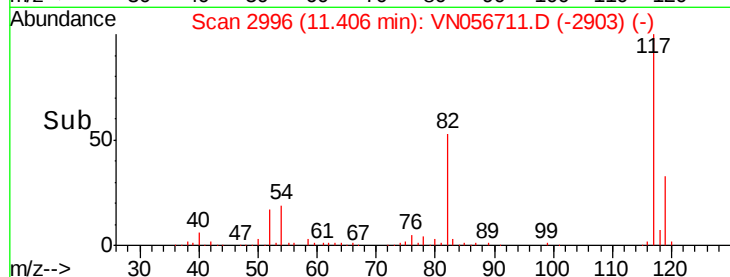
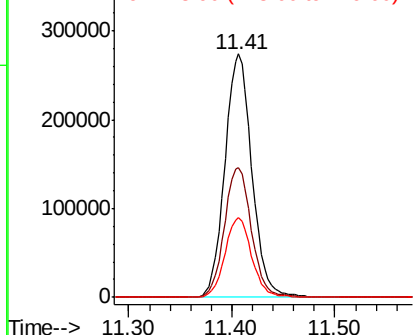
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056711.D
Acq: 15 Jul 2019 14:53

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 500155
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.6 25.2 37.8

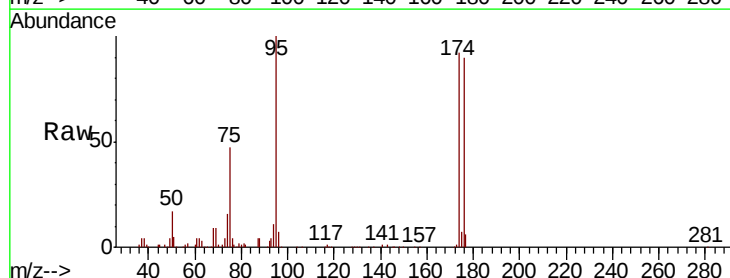


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

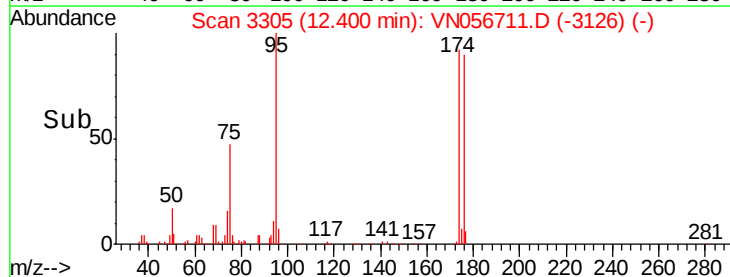
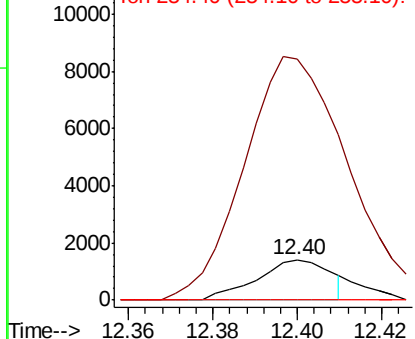


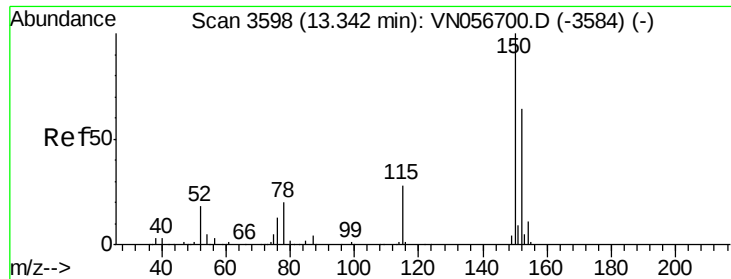
#71
Bromoform
Concen: 0.591 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN056711.D
Acq: 15 Jul 2019 14:53

Tgt Ion:173 Resp: 1694
Ion Ratio Lower Upper
173 100
175 710.9 23.8 71.4#
254 0.0 0.0 0.0



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



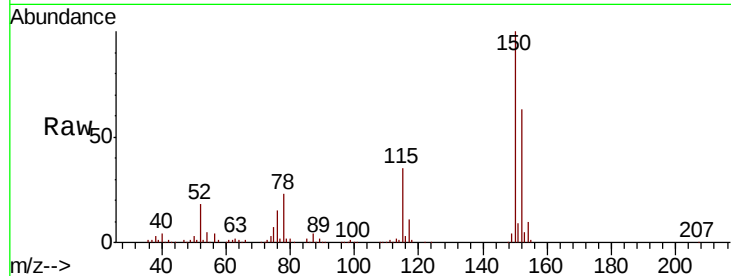


#72

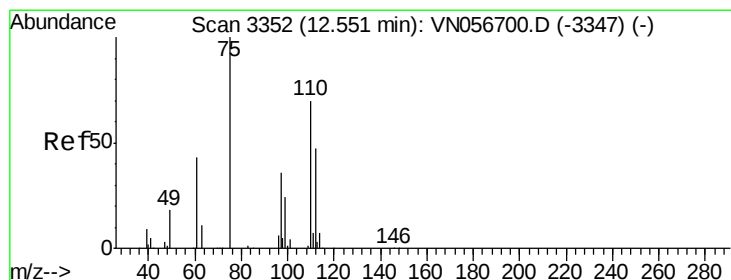
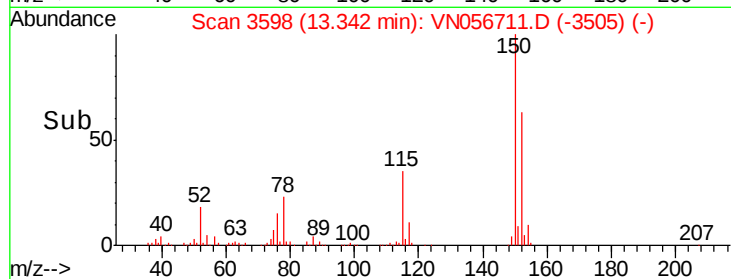
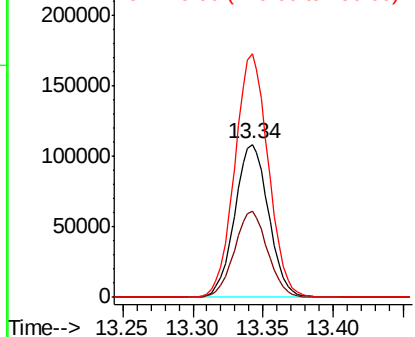
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056711.D
Acq: 15 Jul 2019 14:53

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:152 Resp: 182267
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 157.6 0.0 345.8



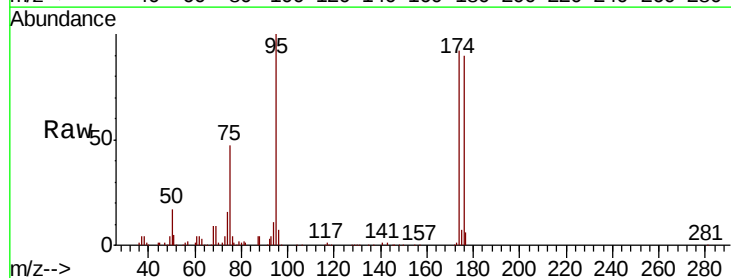
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



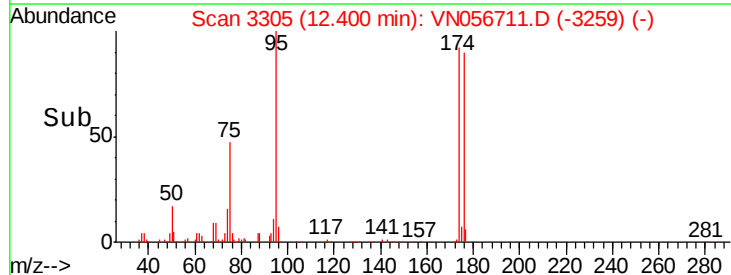
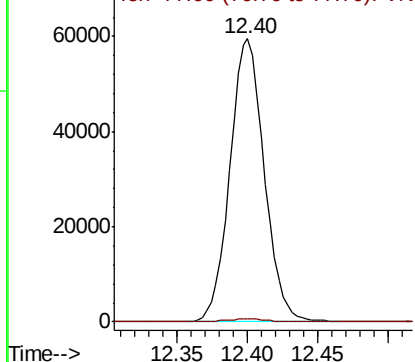
#76

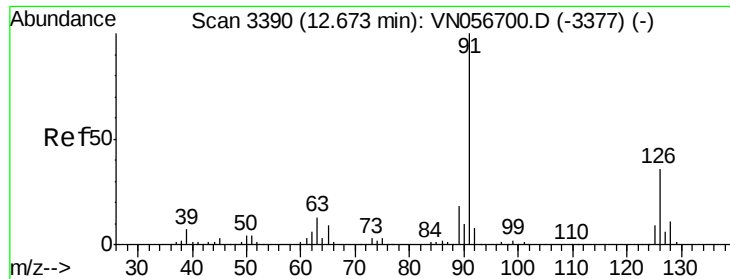
1,2,3-Trichloropropane
Concen: 25.414 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056711.D
Acq: 15 Jul 2019 14:53

Tgt Ion: 75 Resp: 101310
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





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN056711.D

Acq: 15 Jul 2019 14:53

Instrument :

MSVOA_N

ClientSampleId :

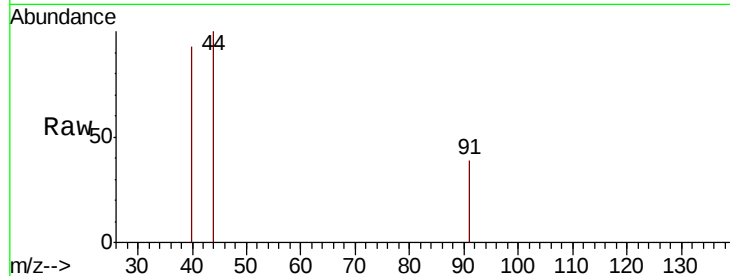
STORAGE-BLANK-WATER-REF-4

Tot Ion: 91 Resp: 63

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.78

150

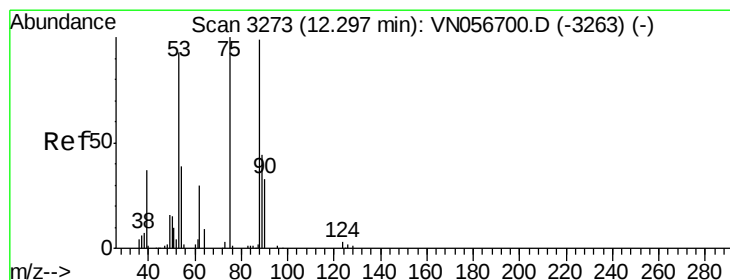
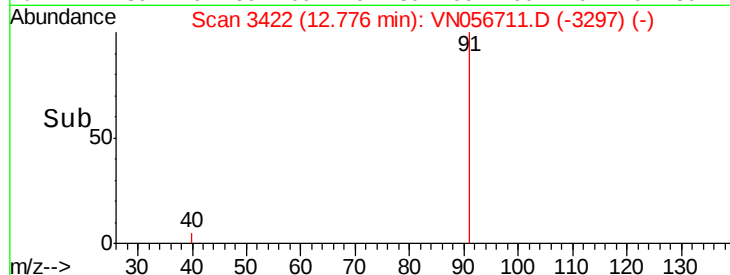
100

50

0

Time-->

12.76 12.77 12.78



#81

trans-1,4-Dichloro-2-butene

Concen: 78.485 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056711.D

Acq: 15 Jul 2019 14:53

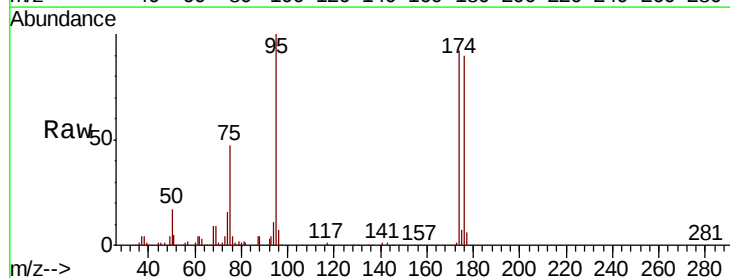
Tgt Ion: 75 Resp: 101310

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

89 0.0 36.2 54.2#



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

80000

60000

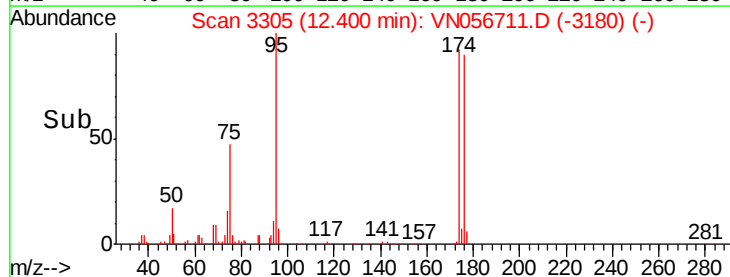
40000

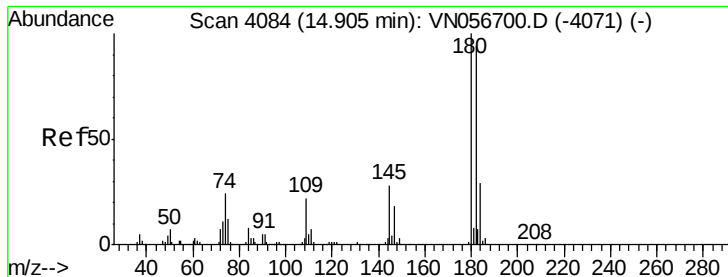
20000

0

Time-->

12.35 12.40 12.45

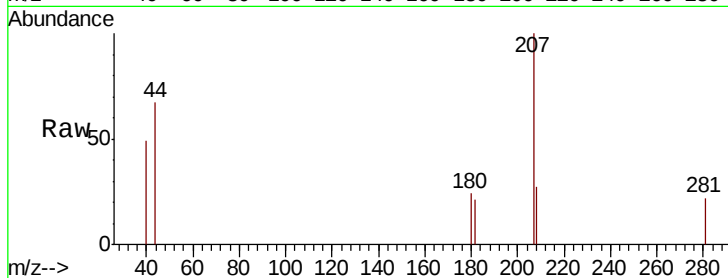




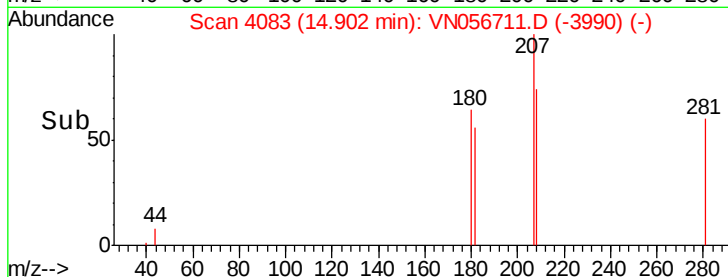
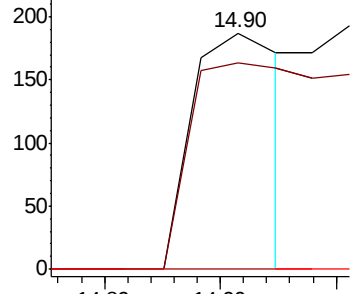
#93
 1,2,4-Trichlorobenzene
 Concen: 3.718 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.00 min
 Lab File: VN056711.D
 Acq: 15 Jul 2019 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tot Ion:180 Resp: 102
 Ion Ratio Lower Upper
 180 100
 182 119.6 47.2 141.6
 145 0.0 14.2 42.8#

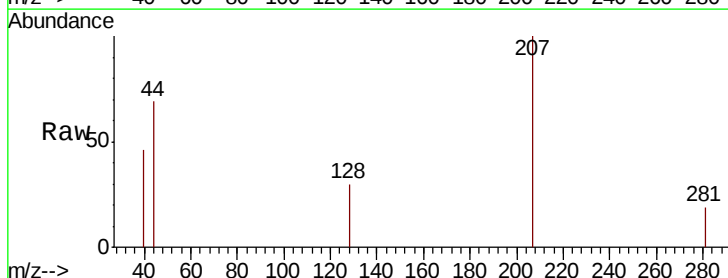
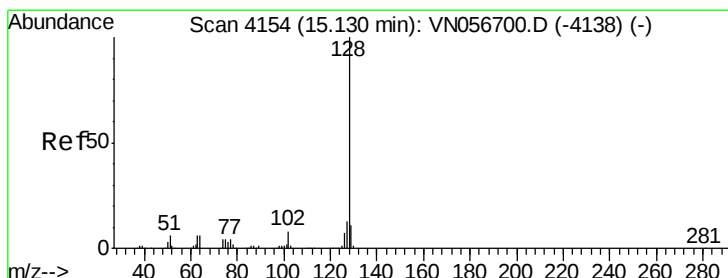


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

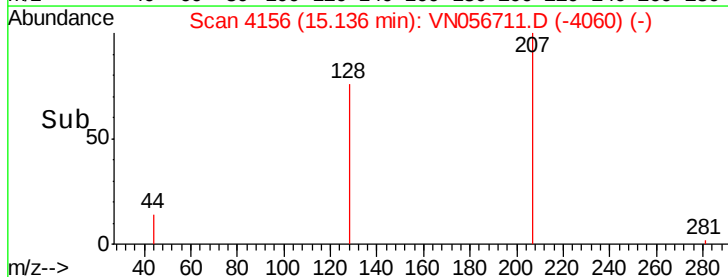
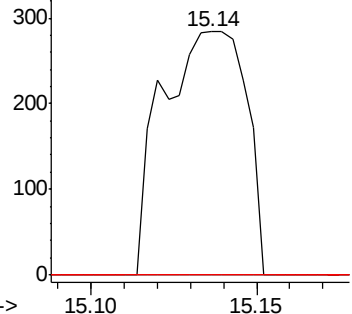


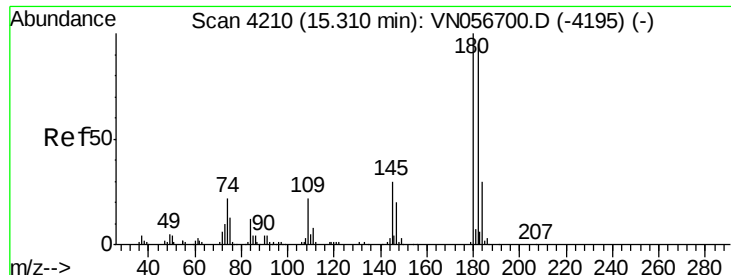
#95
 Naphthalene
 Concen: 4.572 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN056711.D
 Acq: 15 Jul 2019 14:53

Tgt Ion:128 Resp: 501
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 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

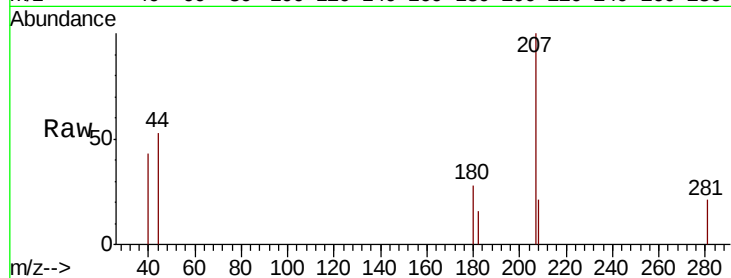




#96
 1,2,3-Trichlorobenzene
 Concen: 3.412 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN056711.D
 Acq: 15 Jul 2019 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tot Ion	Ratio	Lower	Upper
180	100		
182	17.7	47.1	141.3#
145	0.0	15.0	45.1#



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

