

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057713.D
 Acq On : 6 Sep 2019 15:40
 Operator : JC/SP
 Sample : K4637-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 06 23:23:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	196106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	320538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	285435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	147181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	242731	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
35) Dibromofluoromethane	7.57	113	145654	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.08	98	561954	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.40	95	208249	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	

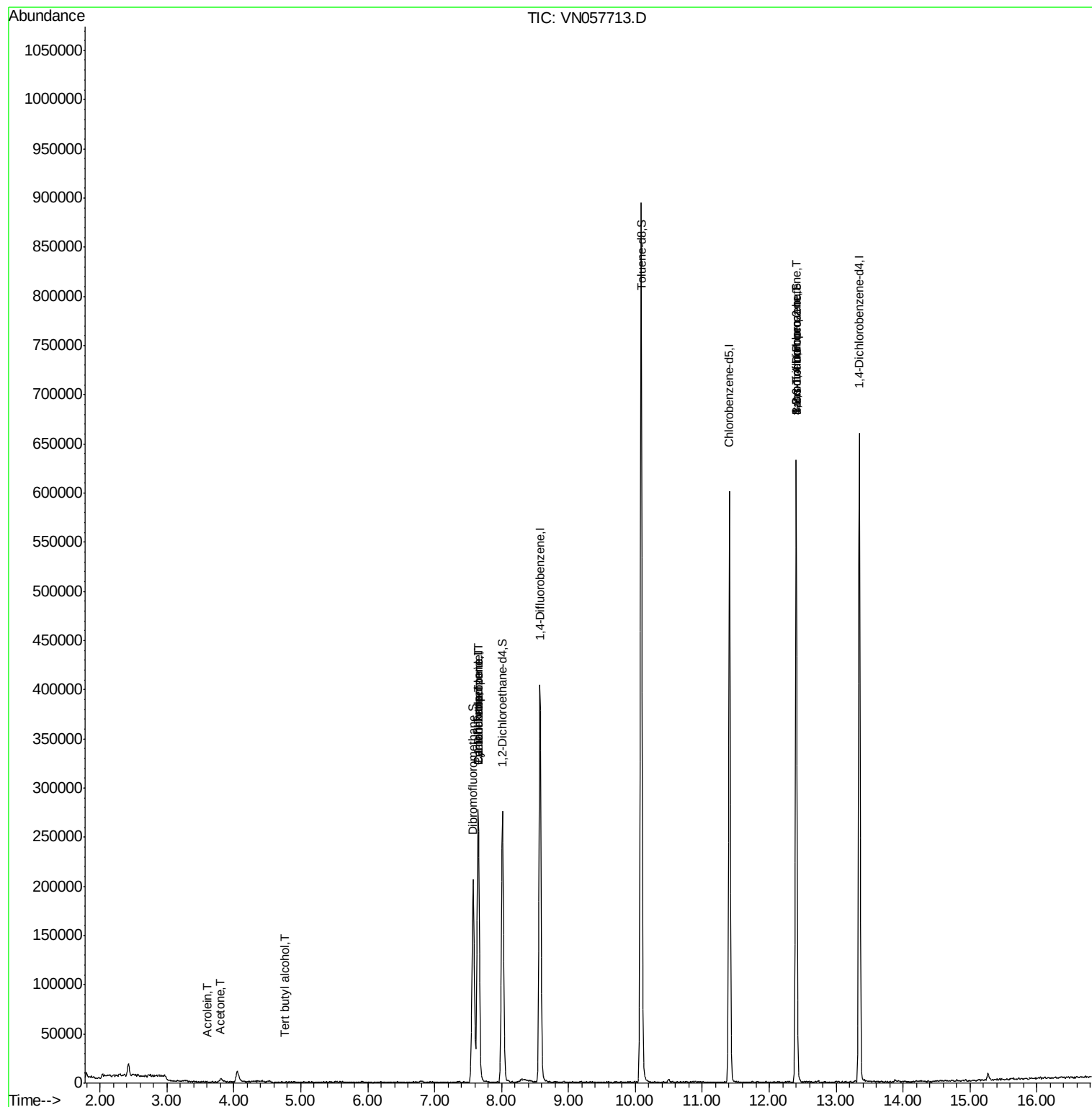
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	2456	Below Cal		93
11) Tert butyl alcohol	4.76	59	187	0.345	ug/l #	71
13) Acrolein	3.60	56	65	0.252	ug/l #	15
16) Acetone	3.80	43	3124	2.128	ug/l #	89
31) Cyclohexane	7.65	56	6780	1.266	ug/l #	11
36) 1,1-Dichloropropene	7.65	75	18886	4.429	ug/l #	49
38) Carbon Tetrachloride	7.65	117	22359	5.476	ug/l #	16
71) Bromoform	12.39	173	453	3.461	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	123687	36.596	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	123687	113.813	ug/l #	1

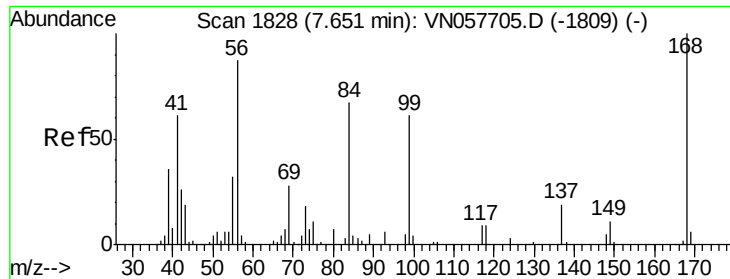
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

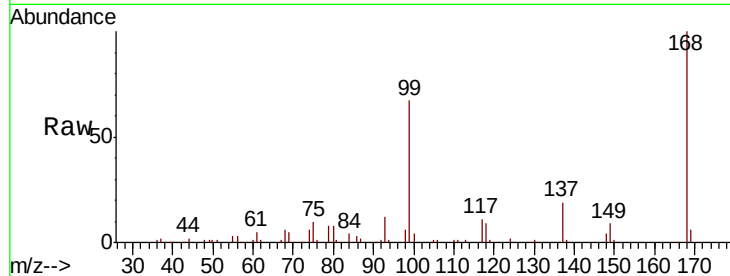
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 196106

Ion Ratio Lower Upper

168 100

99 67.2 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): VN057713.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN057713.D (-1735) (-)

7.65

80000

60000

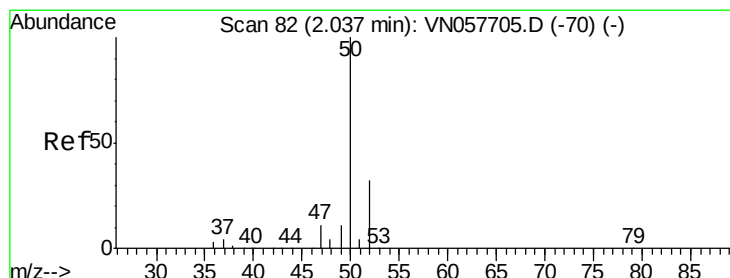
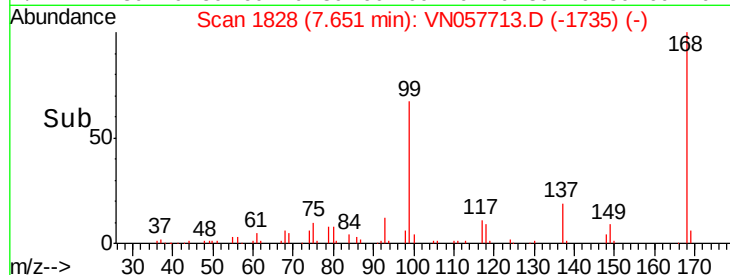
40000

20000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057713.D

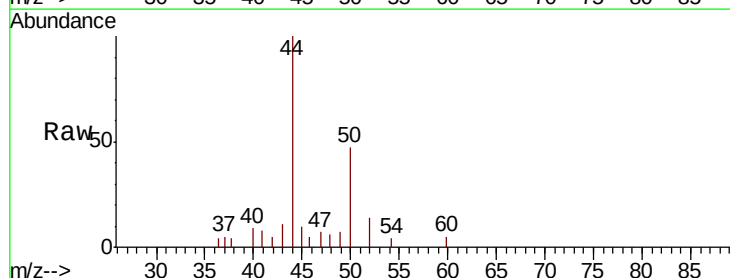
Acq: 6 Sep 2019 15:40

Tgt Ion: 50 Resp: 2456

Ion Ratio Lower Upper

50 100

52 28.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN057713.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN057713.D (-1) (-)

2.03

2000

1500

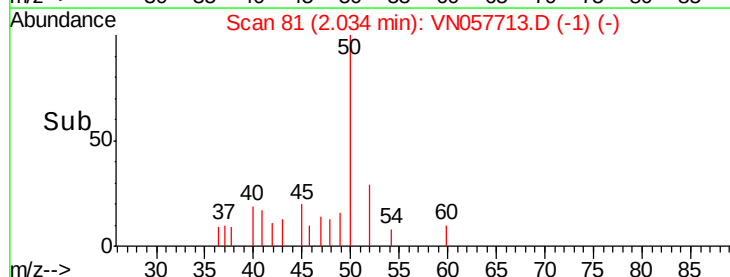
1000

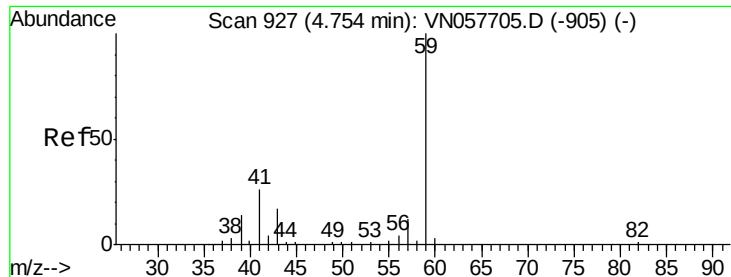
500

0

2.00 2.02 2.04 2.06

Time-->

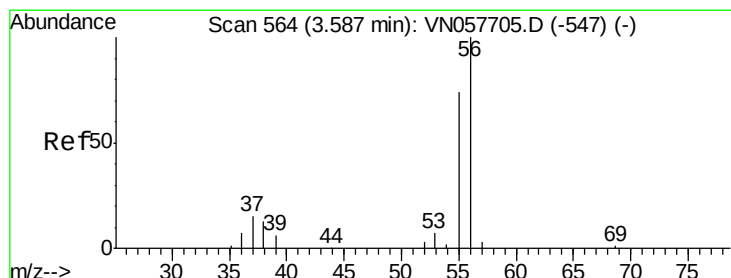
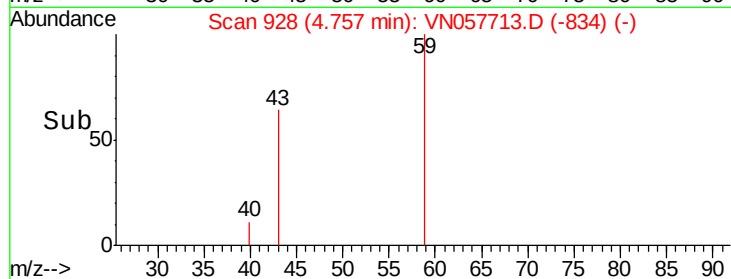
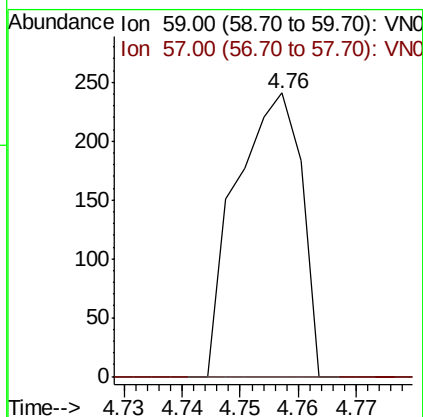
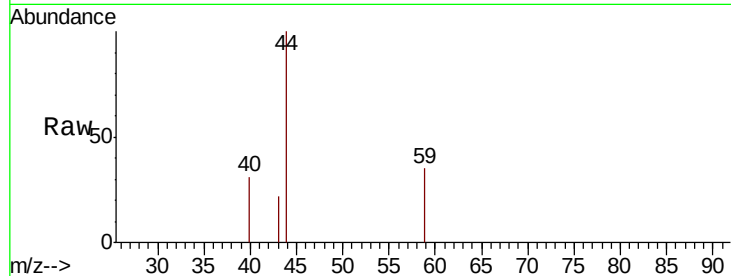




#11
Tert butyl alcohol
Concen: 0.345 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.00 min
Lab File: VN057713.D
Acq: 6 Sep 2019 15:40

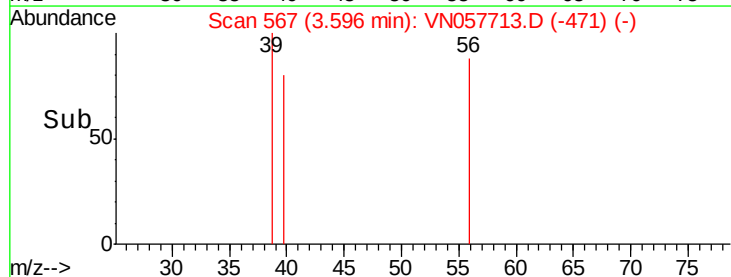
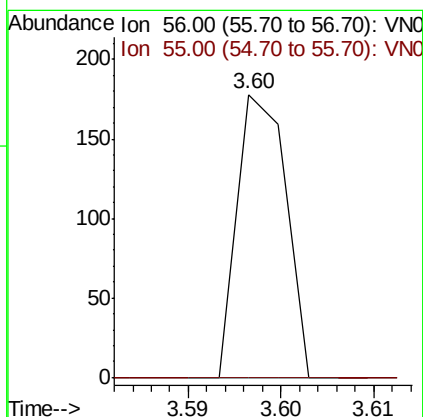
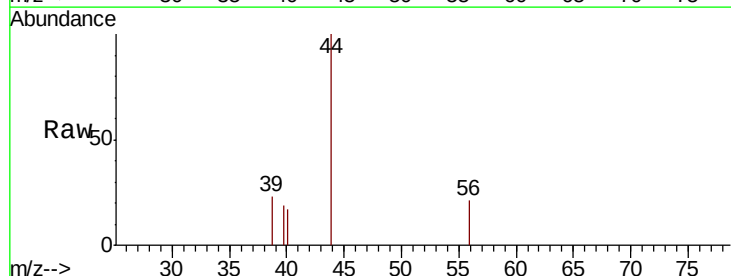
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

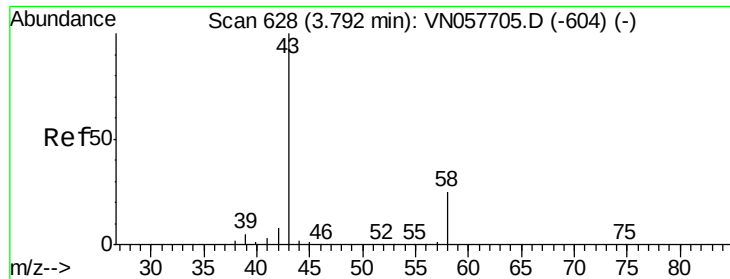
Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.252 ug/l
RT: 3.60 min Scan# 567
Delta R.T. 0.01 min
Lab File: VN057713.D
Acq: 6 Sep 2019 15:40

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.0#





#16

Acetone

Concen: 2.128 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

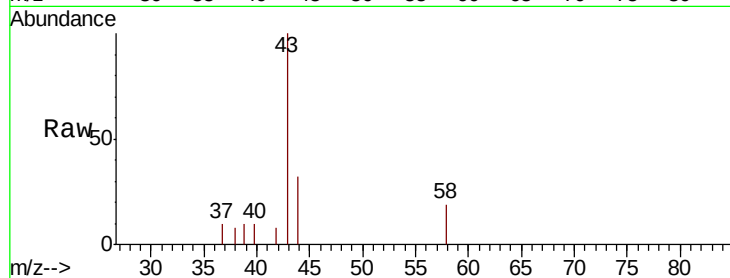
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 3124

Ion Ratio Lower Upper

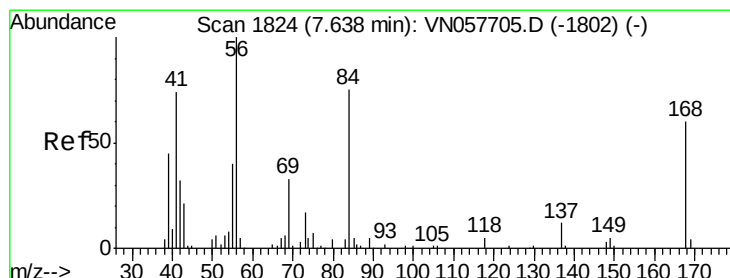
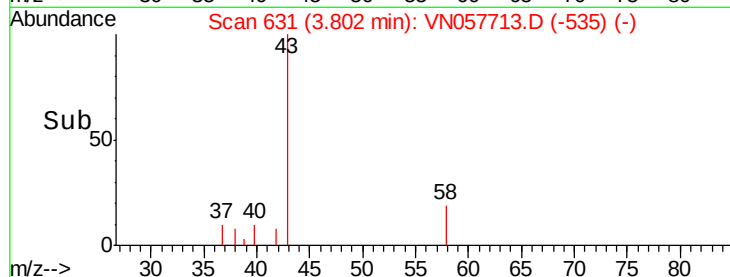
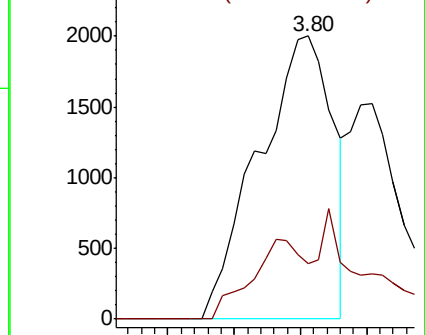
43 100

58 19.4 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#31

Cyclohexane

Concen: 1.266 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

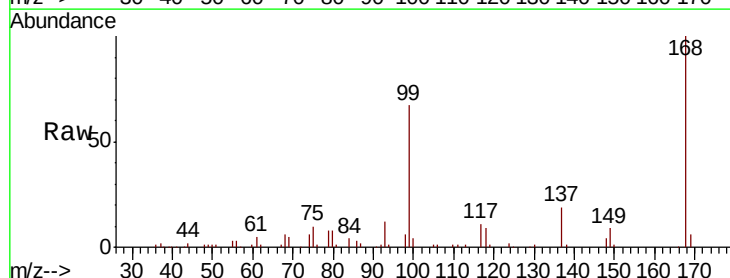
Tgt Ion: 56 Resp: 6780

Ion Ratio Lower Upper

56 100

69 149.3 26.2 39.2#

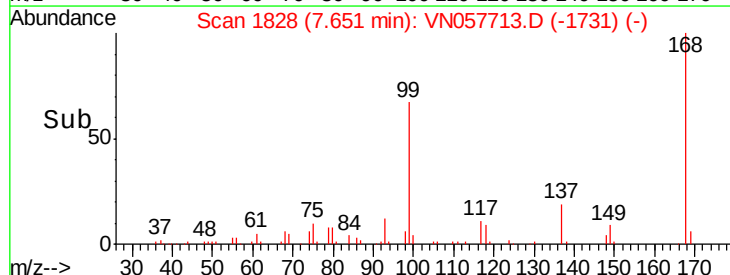
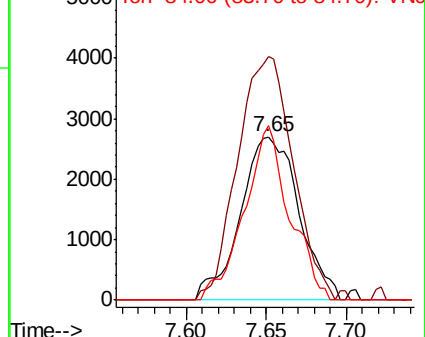
84 107.1 59.8 89.8#

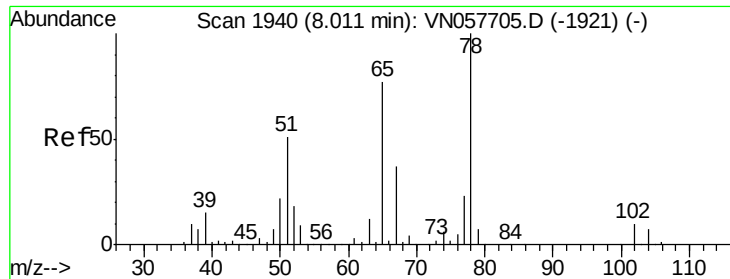


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

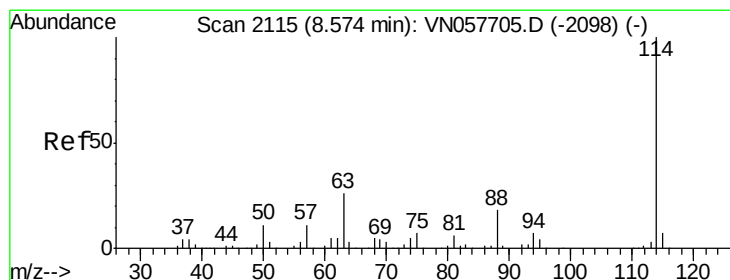
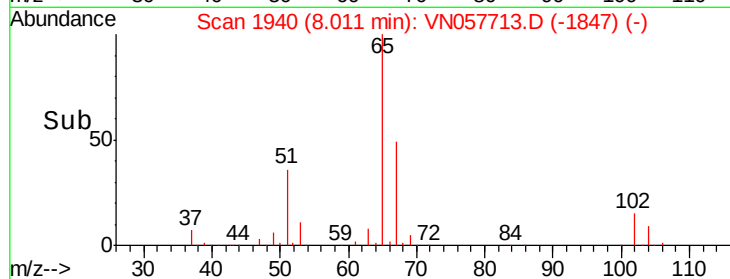
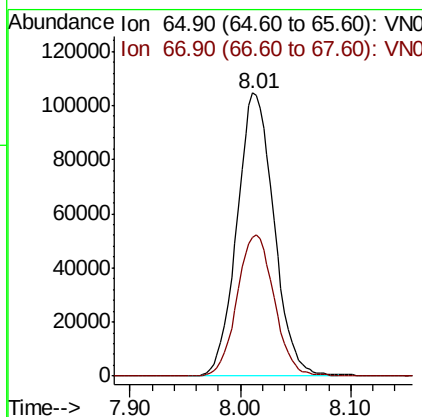
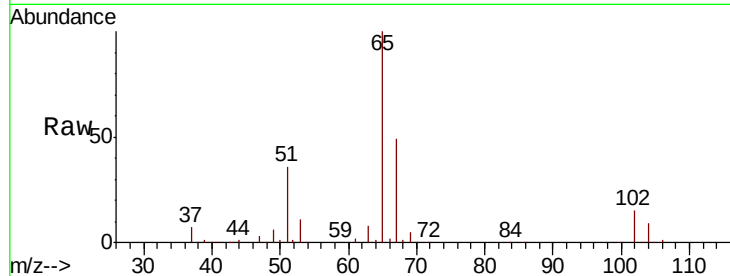




#33
 1,2-Dichloroethane-d4
 Concen: 50.880 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN057713.D
 Acq: 6 Sep 2019 15:40

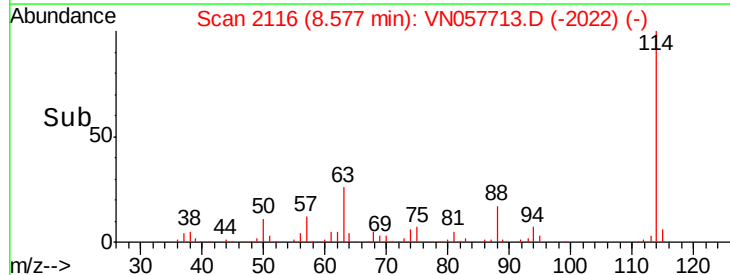
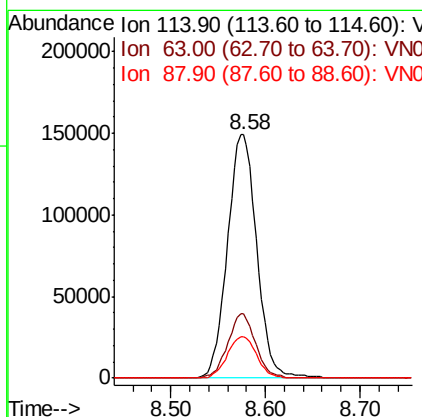
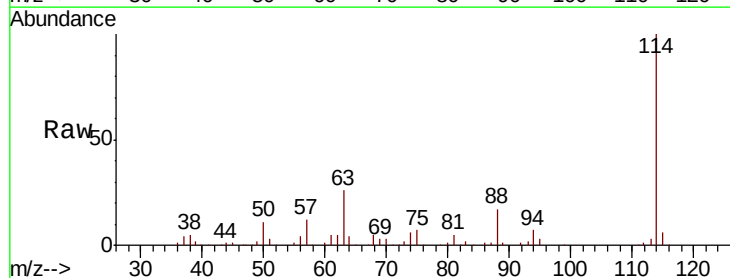
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

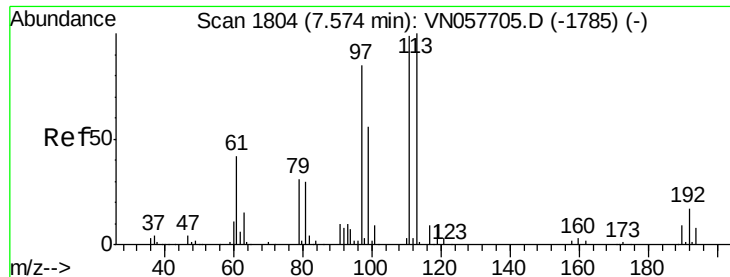
Tgt Ion: 65 Resp: 242731
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057713.D
 Acq: 6 Sep 2019 15:40

Tgt Ion: 114 Resp: 320538
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 52.4
 88 17.0 0.0 35.4

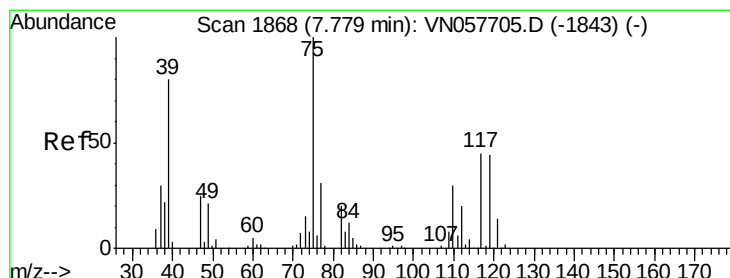
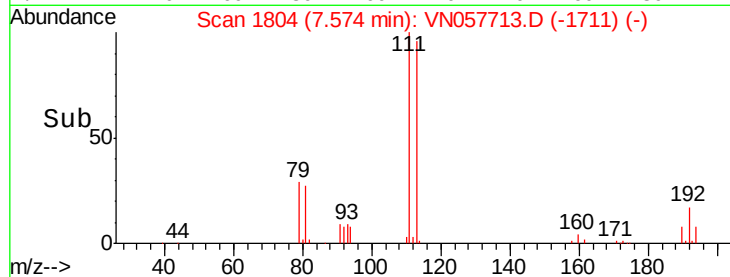
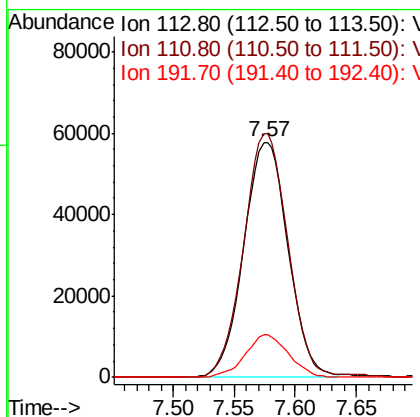
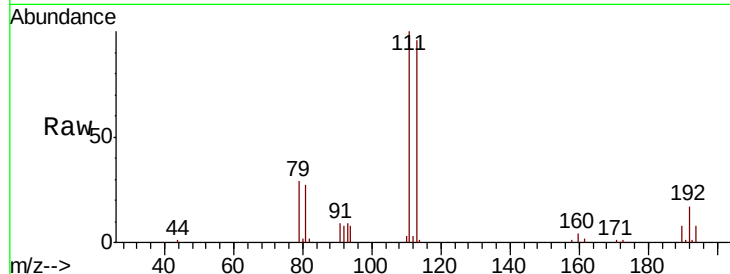




#35
 Dibromofluoromethane
 Concen: 49.888 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057713.D
 Acq: 6 Sep 2019 15:40

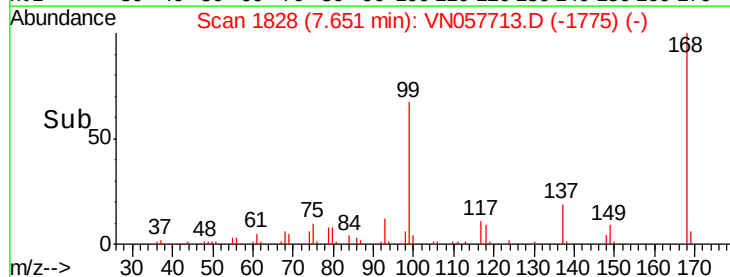
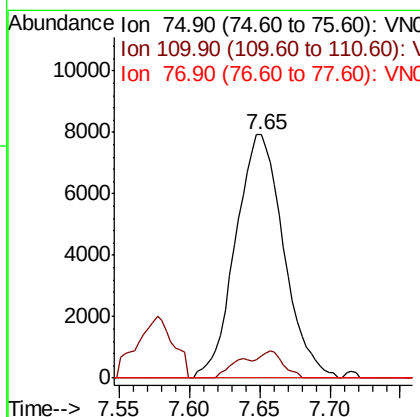
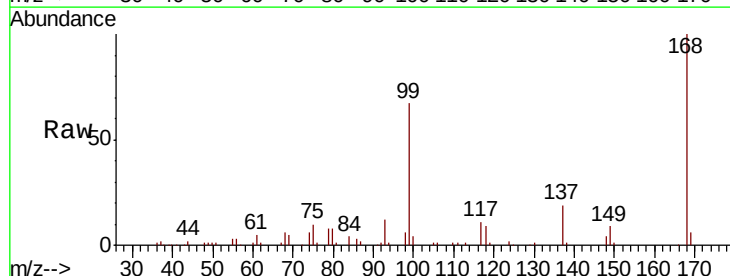
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

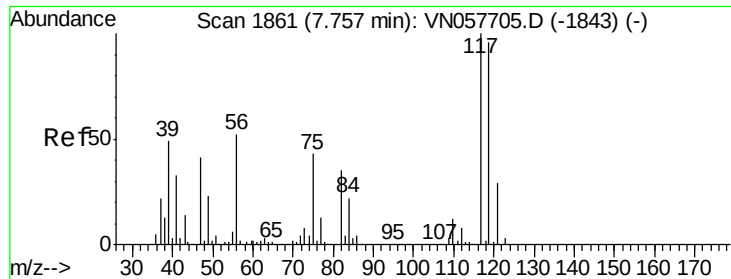
Tgt Ion: 113 Resp: 145654
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 17.7 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 4.429 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057713.D
 Acq: 6 Sep 2019 15:40

Tgt Ion: 75 Resp: 18886
 Ion Ratio Lower Upper
 75 100
 110 5.7 15.0 45.0#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.476 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

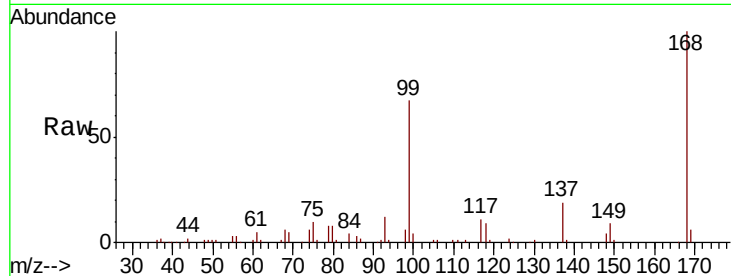
Tgt Ion:117 Resp: 22359

Ion Ratio Lower Upper

117 100

119 4.7 76.1 114.1#

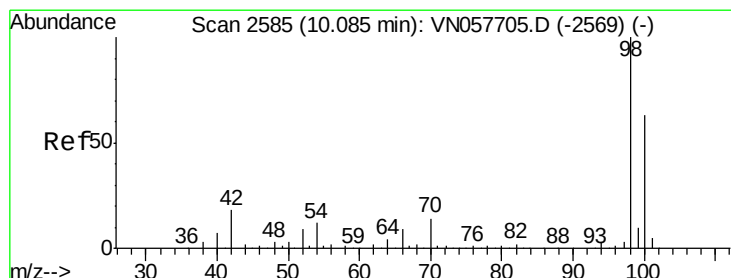
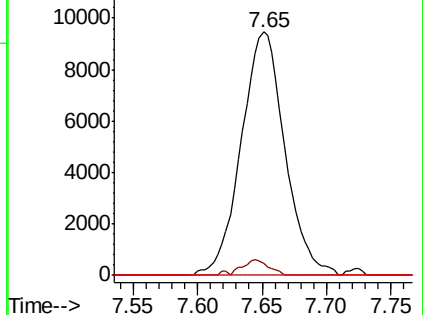
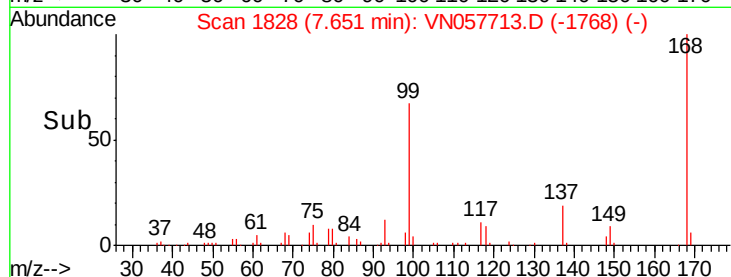
121 0.0 23.4 35.2#



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



#50

Toluene-d8

Concen: 52.031 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057713.D

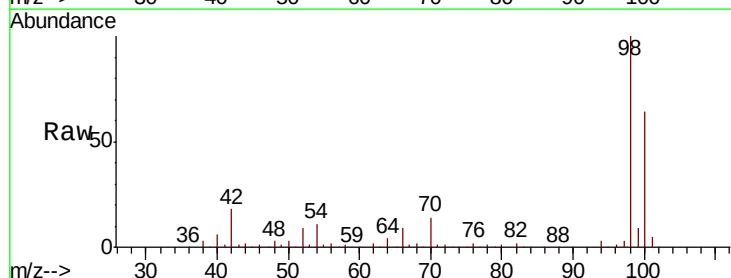
Acq: 6 Sep 2019 15:40

Tgt Ion: 98 Resp: 561954

Ion Ratio Lower Upper

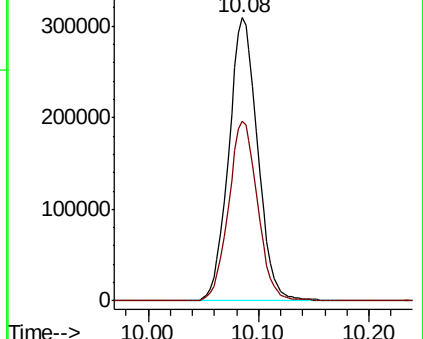
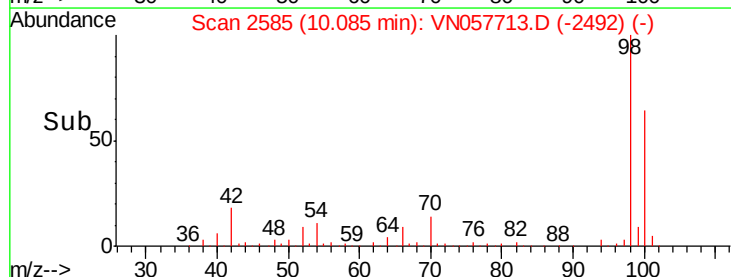
98 100

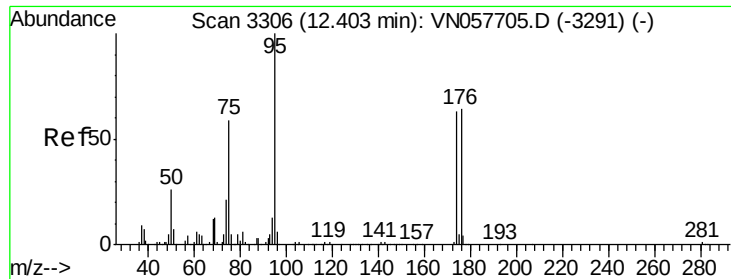
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 46.422 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

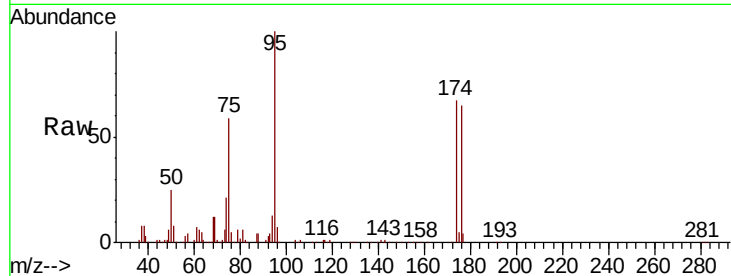
Tgt Ion: 95 Resp: 208249

Ion Ratio Lower Upper

95 100

174 65.6 0.0 128.0

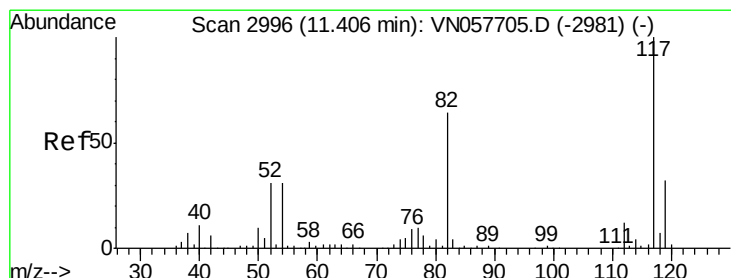
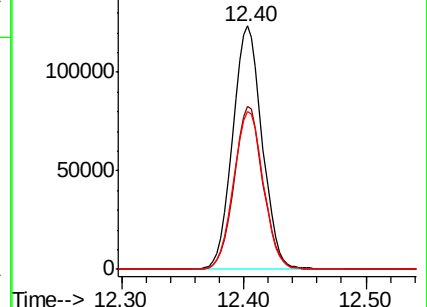
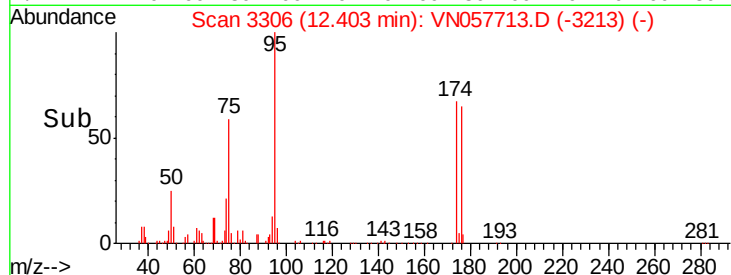
176 65.5 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057713.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN057713.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN057713.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

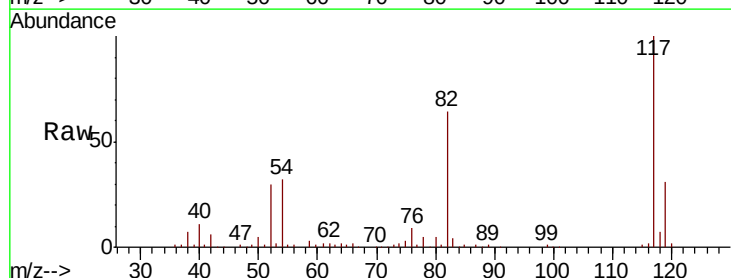
Tgt Ion: 117 Resp: 285435

Ion Ratio Lower Upper

117 100

82 64.0 51.4 77.0

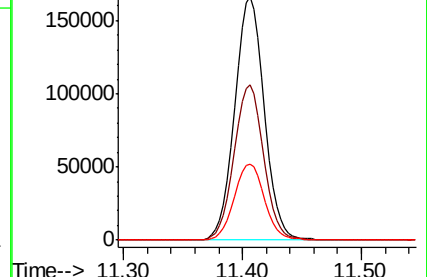
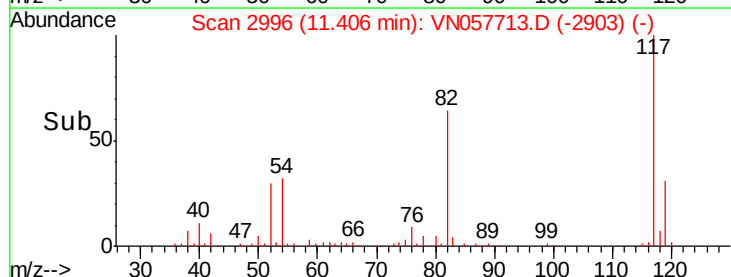
119 31.3 25.4 38.2

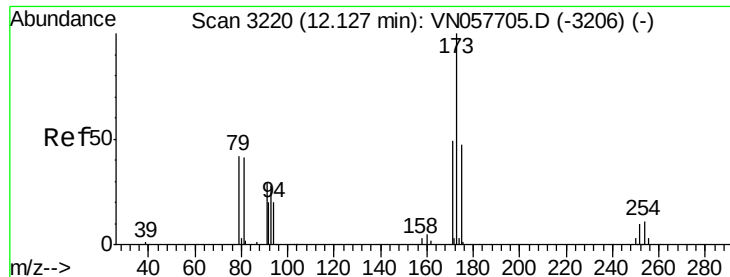


Abundance Ion 116.90 (116.60 to 117.60): VN057713.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057713.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057713.D (-2903) (-)





#71

Bromoform

Concen: 3.461 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

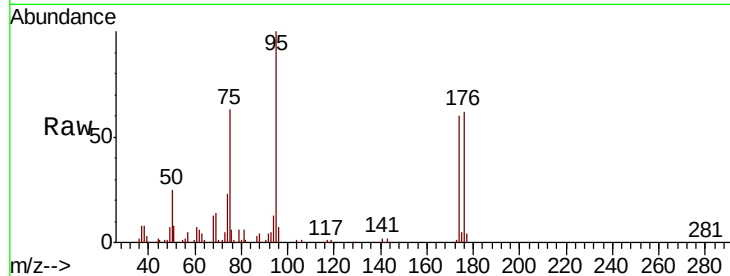
Tgt Ion:173 Resp: 453

Ion Ratio Lower Upper

173 100

175 1880.6 24.6 73.8#

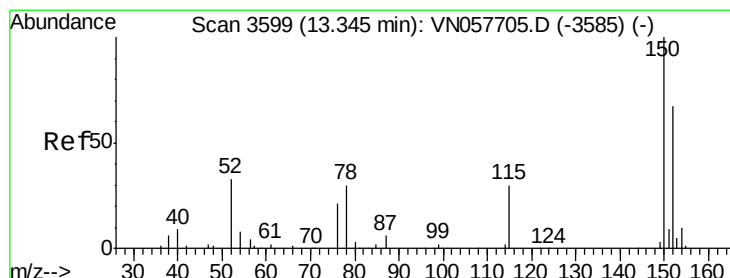
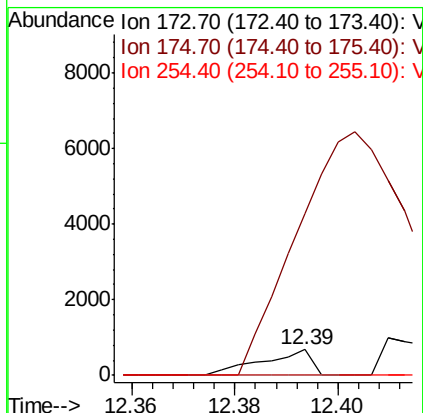
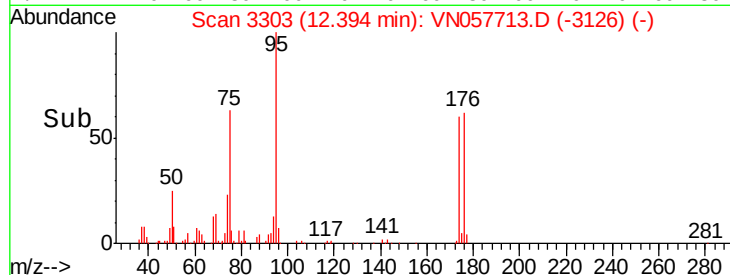
254 0.0 0.0 0.0



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

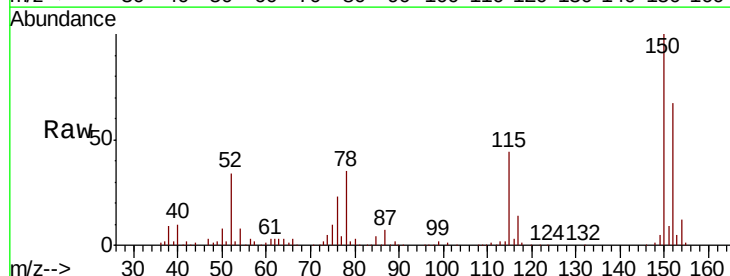
Tgt Ion:152 Resp: 147181

Ion Ratio Lower Upper

152 100

115 65.4 33.8 101.3

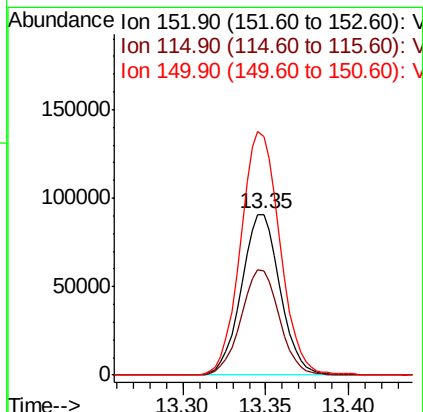
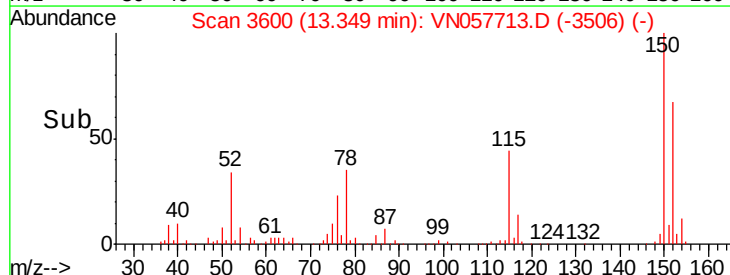
150 154.0 0.0 345.4

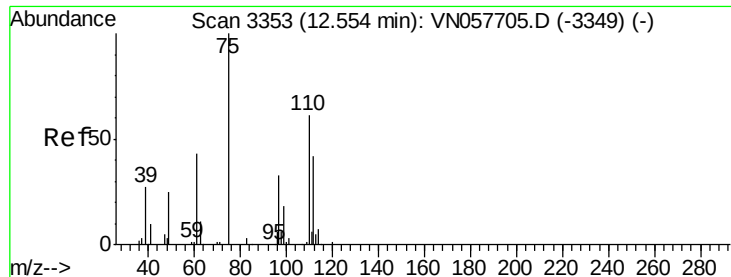


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 36.596 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

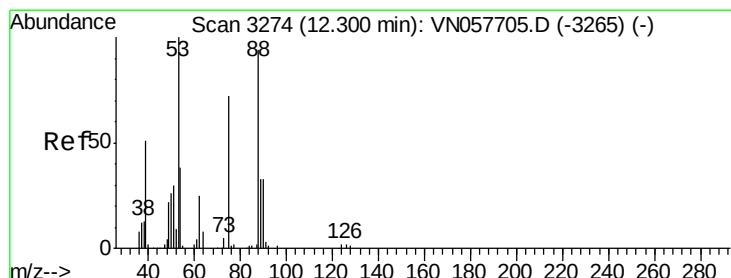
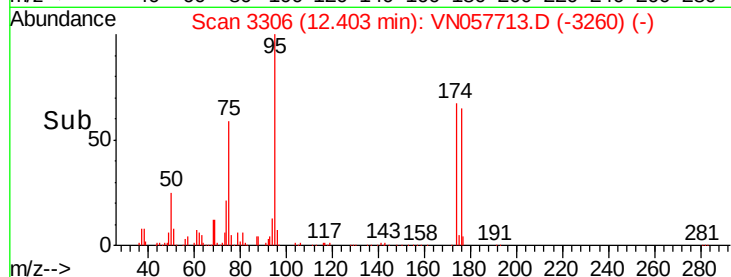
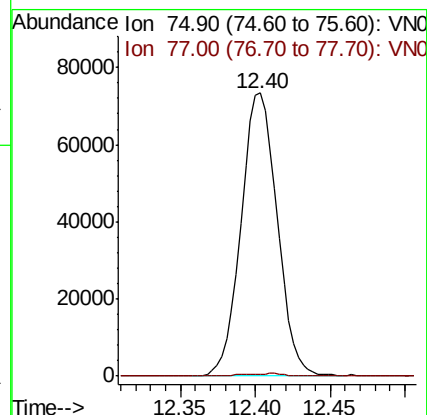
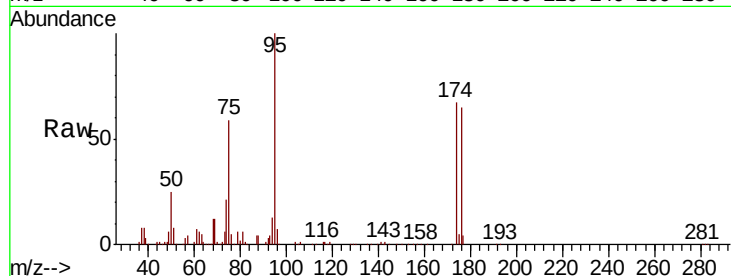
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 123687

Ion Ratio Lower Upper

75 100

77 0.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.813 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057713.D

Acq: 6 Sep 2019 15:40

Tgt Ion: 75 Resp: 123687

Ion Ratio Lower Upper

75 100

53 0.0 107.0 160.6#

89 0.0 36.5 54.7#

