

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
 Data File : VN060691.D
 Acq On : 25 Mar 2020 12:57
 Operator : JC/MD
 Sample : L2010-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 26 02:49:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	317351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135734	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	124664	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	7.57	113	93994	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.08	98	389373	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	147516	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	

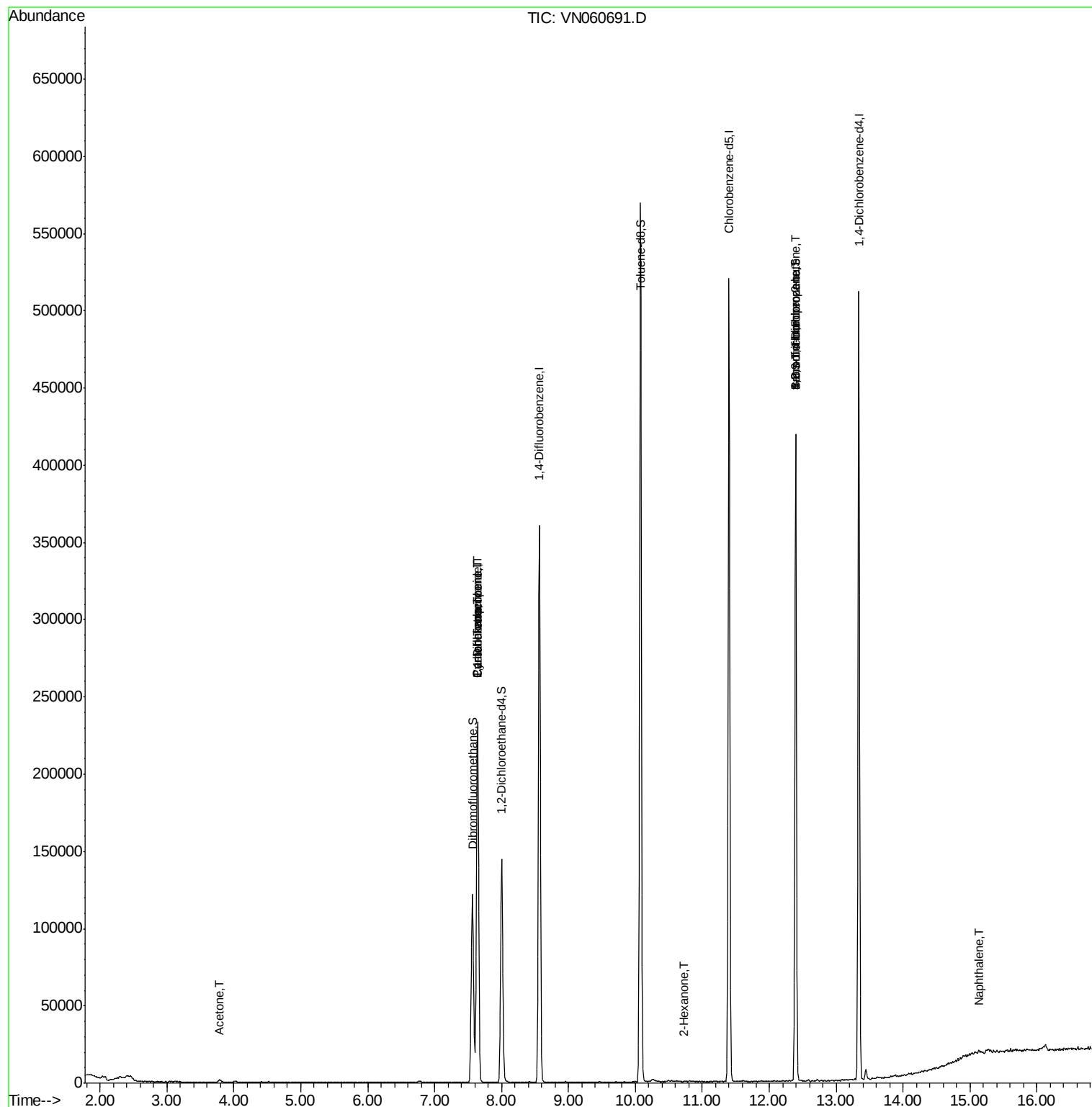
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1766	1.902	ug/l	97
31) Cyclohexane	7.64	56	3780	0.896	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14738	4.796	ug/l #	49
38) Carbon Tetrachloride	7.64	117	17899	6.499	ug/l #	15
59) 2-Hexanone	10.74	43	986	0.439	ug/l #	25
71) Bromoform	12.39	173	407	1.904	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	73711	25.167	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	73711	64.637	ug/l #	13
95) Naphthalene	15.13	128	1735	0.227	ug/l #	73

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060691.D

Acq: 25 Mar 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

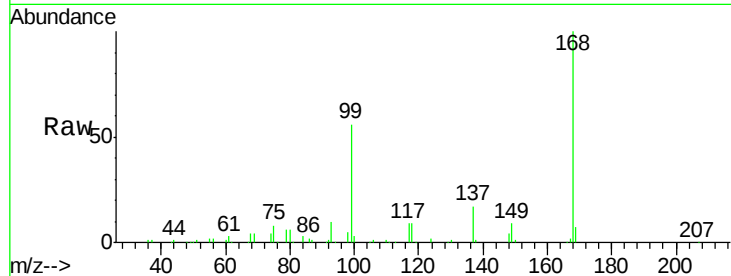
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 190900

Ion Ratio Lower Upper

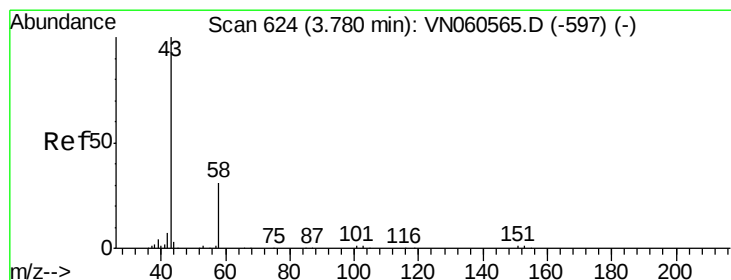
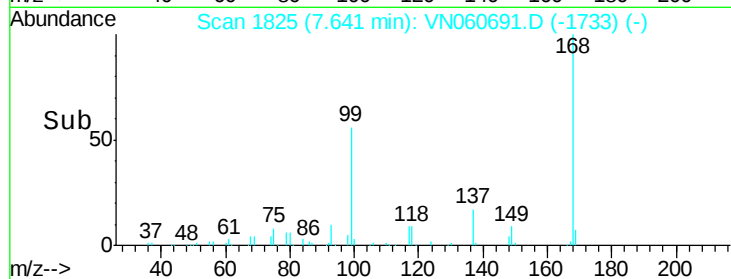
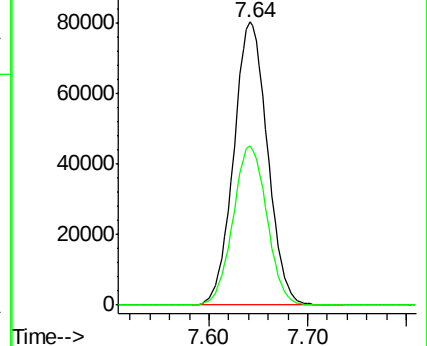
168 100

99 56.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 1.902 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060691.D

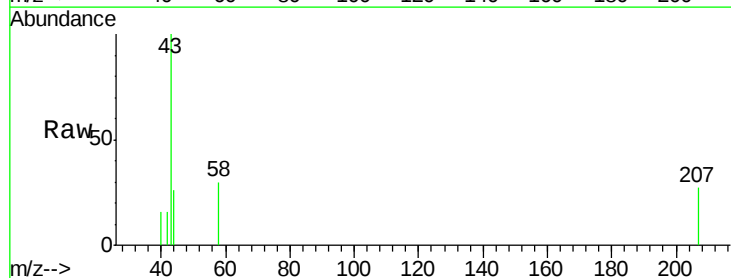
Acq: 25 Mar 2020 12:57

Tgt Ion: 43 Resp: 1766

Ion Ratio Lower Upper

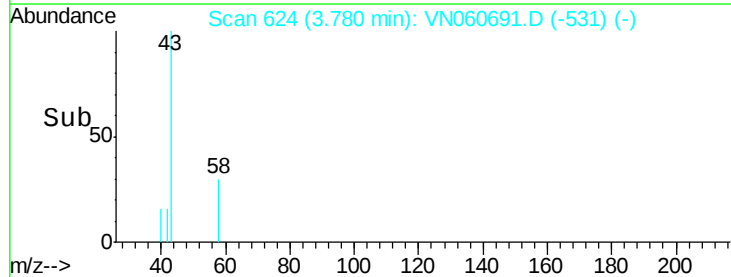
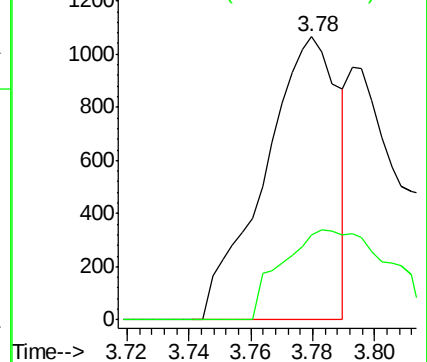
43 100

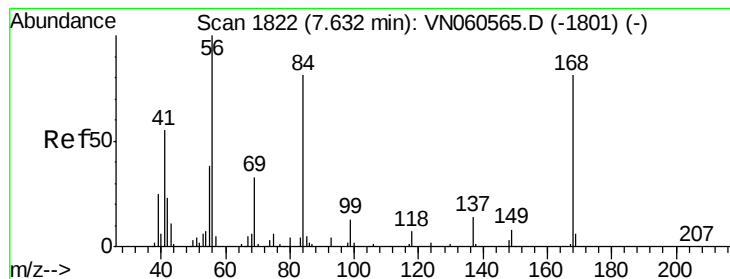
58 29.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#31

Cyclohexane

Concen: 0.896 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN060691.D

Acq: 25 Mar 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

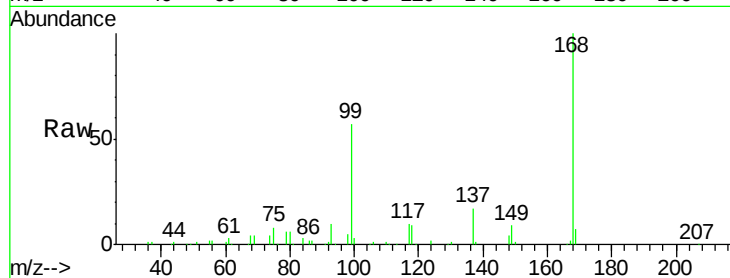
Tgt Ion: 56 Resp: 3780

Ion Ratio Lower Upper

56 100

69 186.8 26.6 40.0#

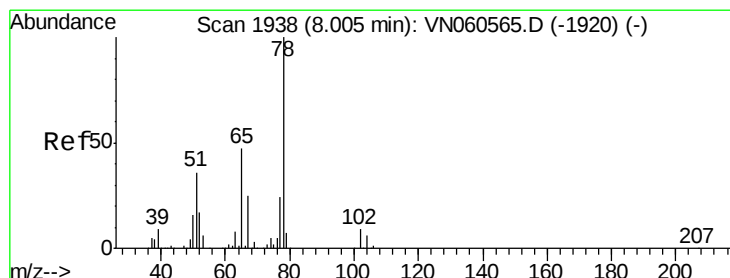
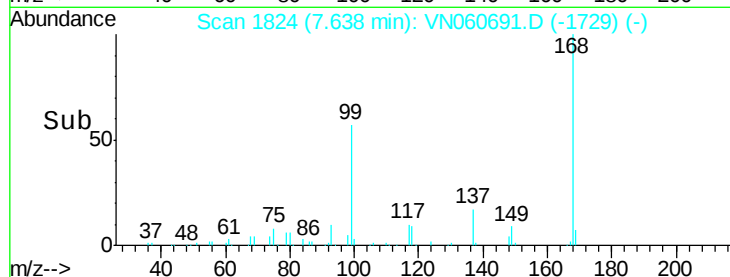
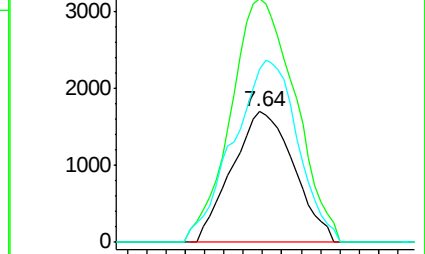
84 132.6 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN060691.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060691.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060691.D (-1729) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.570 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060691.D

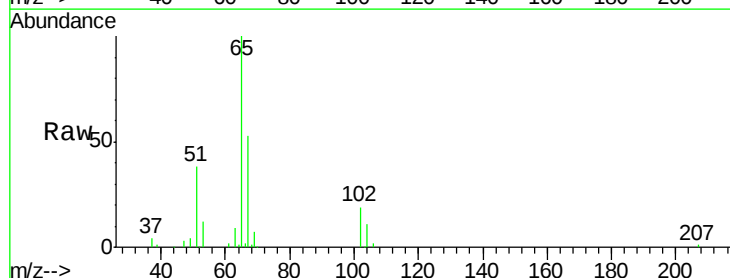
Acq: 25 Mar 2020 12:57

Tgt Ion: 65 Resp: 124664

Ion Ratio Lower Upper

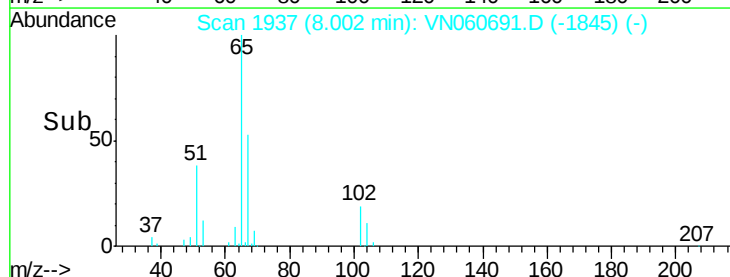
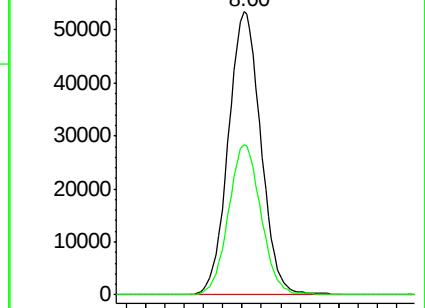
65 100

67 53.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060691.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060691.D (-1845) (-)

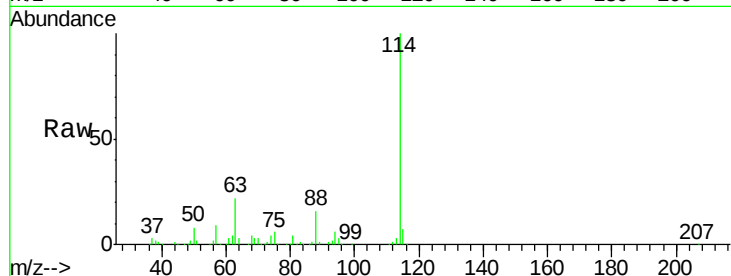




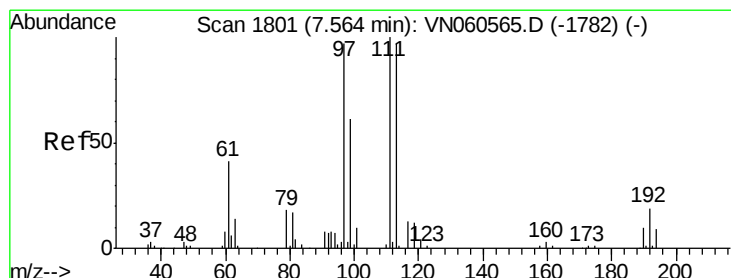
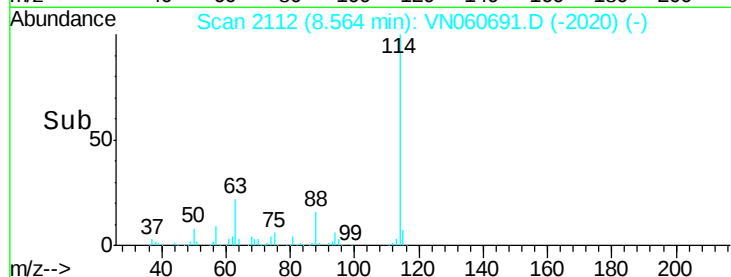
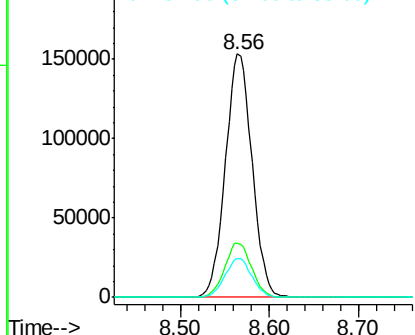
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN060691.D
Acq: 25 Mar 2020 12:57

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

Tgt Ion:114 Resp: 317351
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.8
88 16.1 0.0 33.0

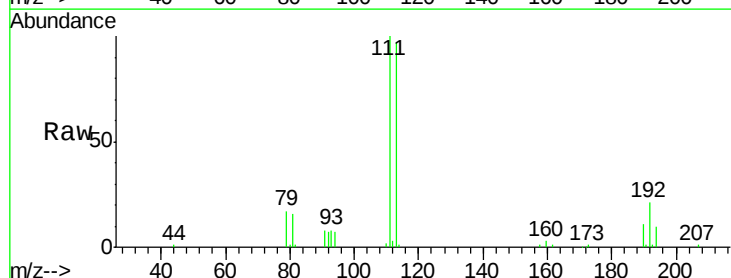


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

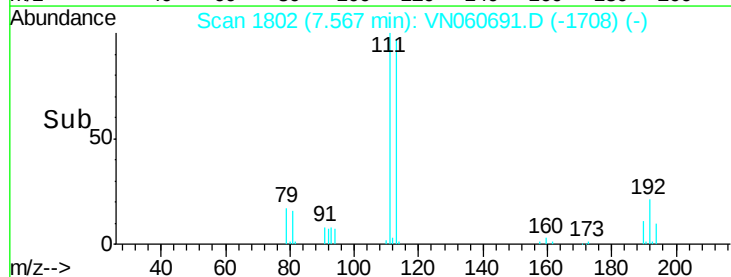
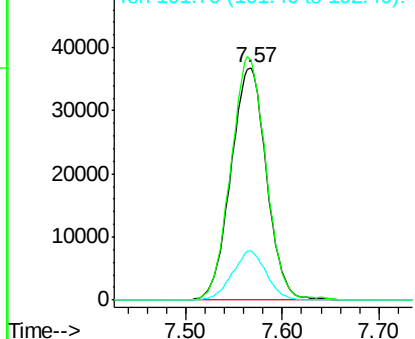


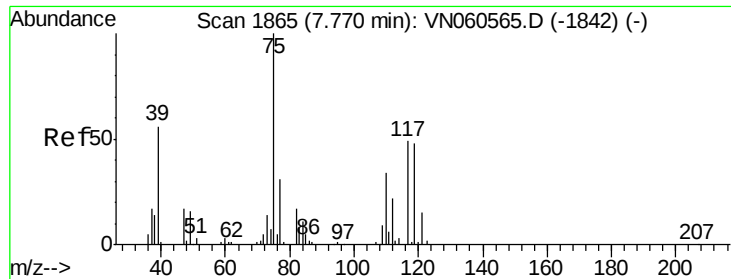
#35
Dibromofluoromethane
Concen: 48.983 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060691.D
Acq: 25 Mar 2020 12:57

Tgt Ion:113 Resp: 93994
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 20.1 15.8 23.8



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

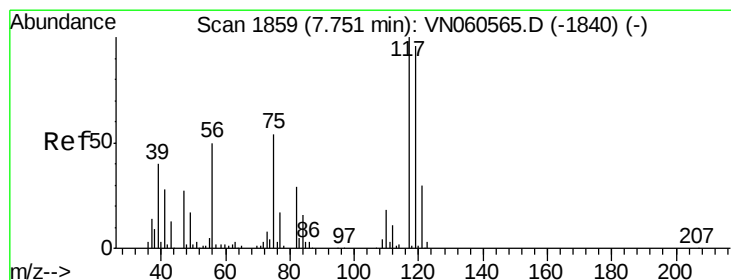
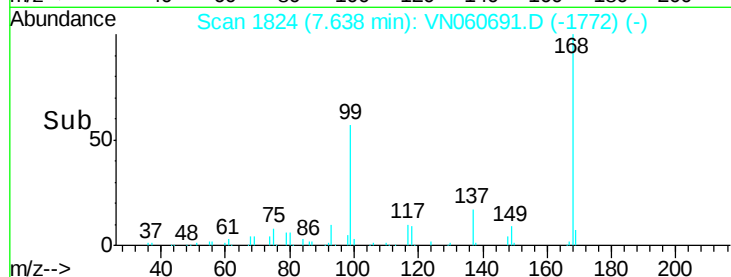
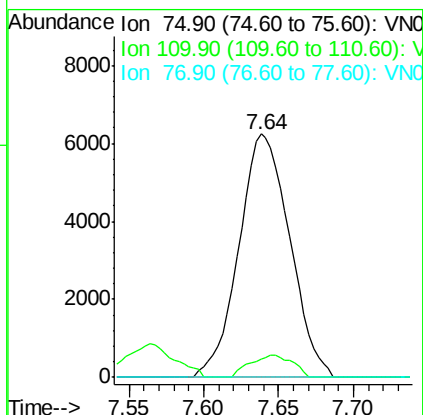
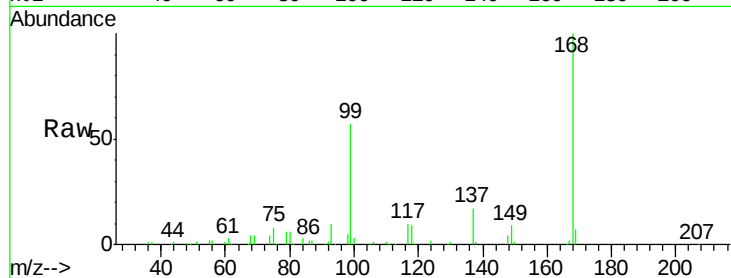




#36
 1,1-Dichloropropene
 Concen: 4.796 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060691.D
 Acq: 25 Mar 2020 12:57

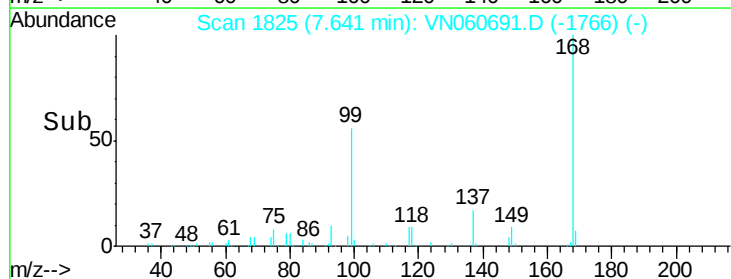
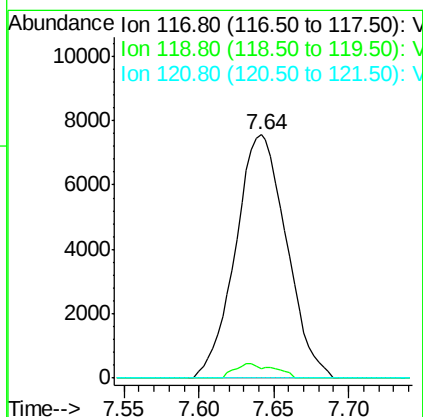
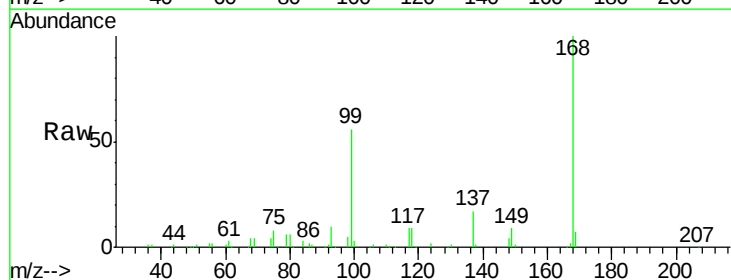
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

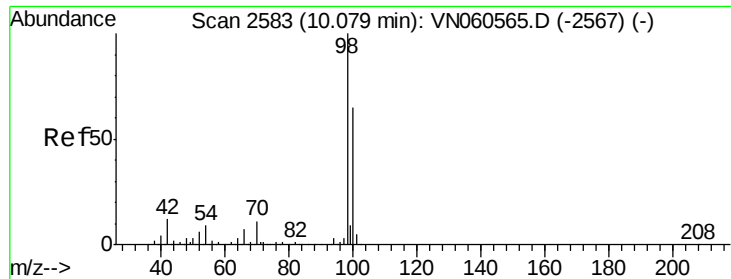
Tgt Ion: 75 Resp: 14738
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.9 50.6#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.499 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060691.D
 Acq: 25 Mar 2020 12:57

Tgt Ion: 117 Resp: 17899
 Ion Ratio Lower Upper
 117 100
 119 4.0 76.2 114.2#
 121 0.0 23.7 35.5#

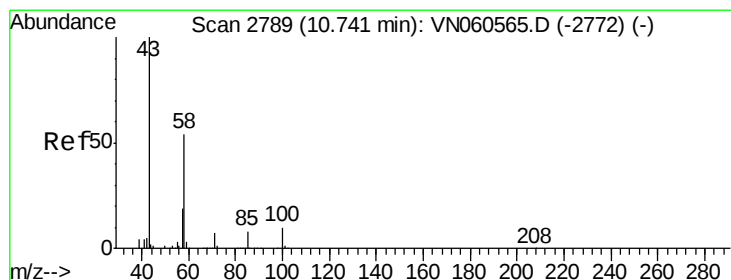
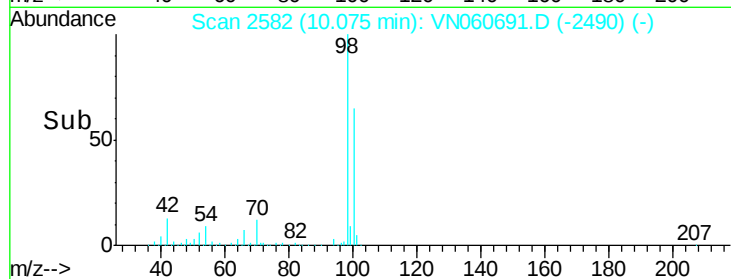
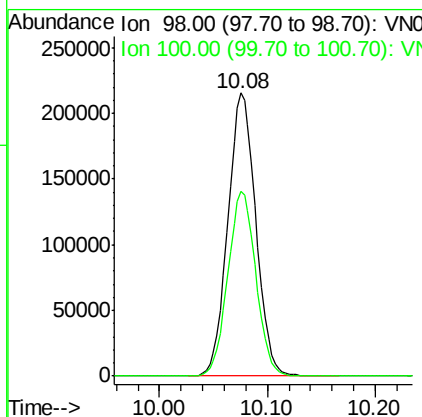
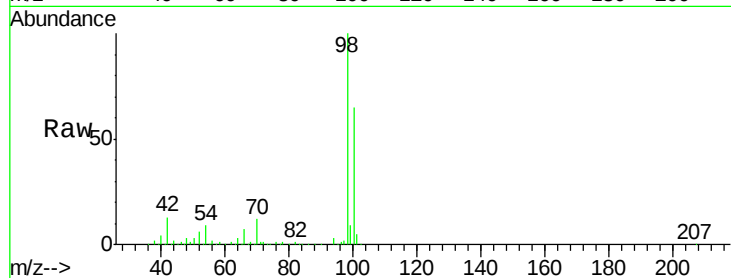




#50
Toluene-d8
Concen: 49.677 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060691.D
Acq: 25 Mar 2020 12:57

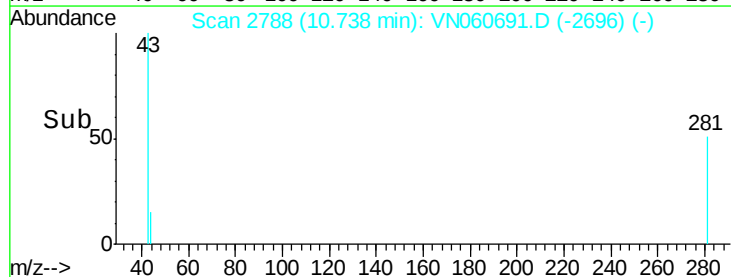
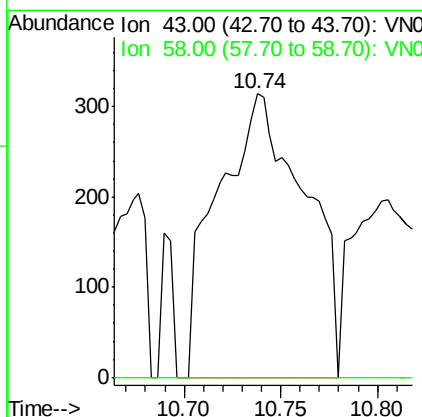
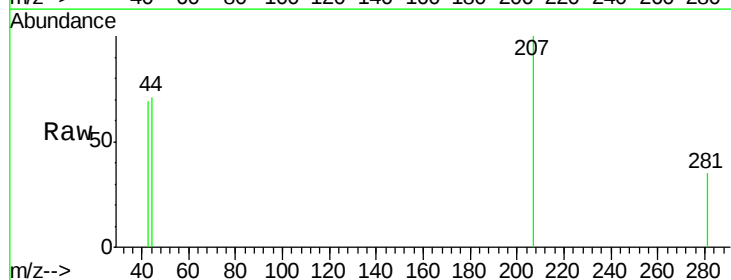
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

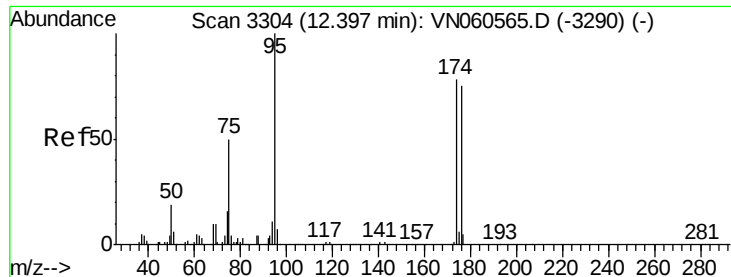
Tgt Ion: 98 Resp: 389373
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.8



#59
2-Hexanone
Concen: 0.439 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060691.D
Acq: 25 Mar 2020 12:57

Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
58 0.0 26.7 80.1#





#62

4-Bromofluorobenzene

Concen: 51.354 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060691.D

Acq: 25 Mar 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

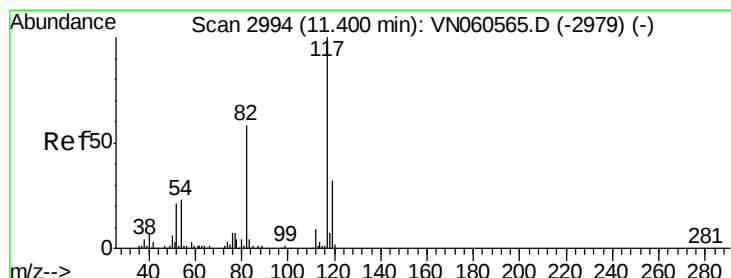
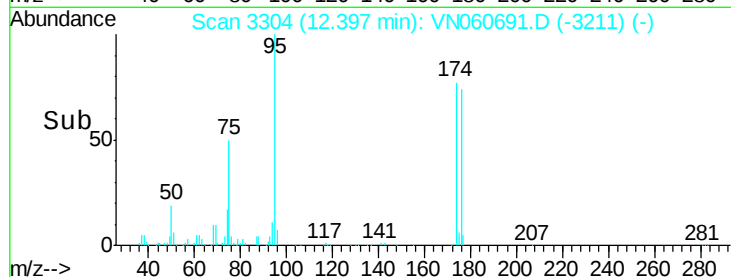
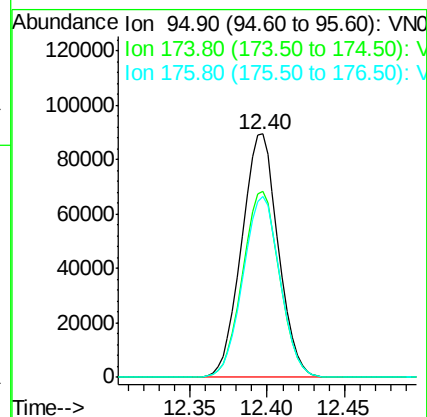
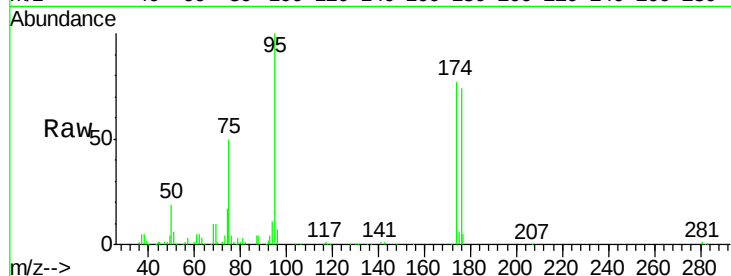
Tgt Ion: 95 Resp: 147516

Ion Ratio Lower Upper

95 100

174 76.9 0.0 157.6

176 75.0 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060691.D

Acq: 25 Mar 2020 12:57

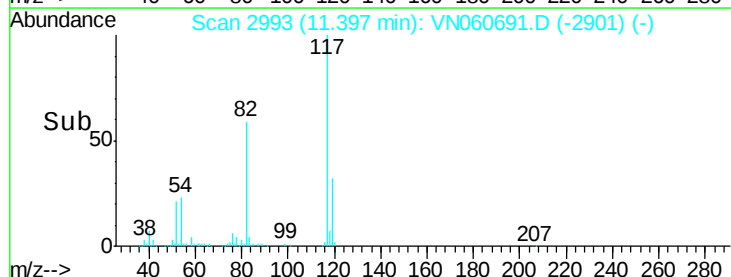
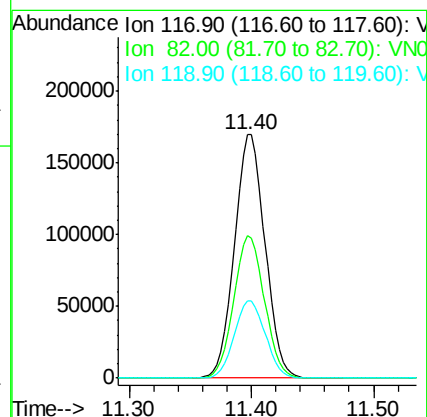
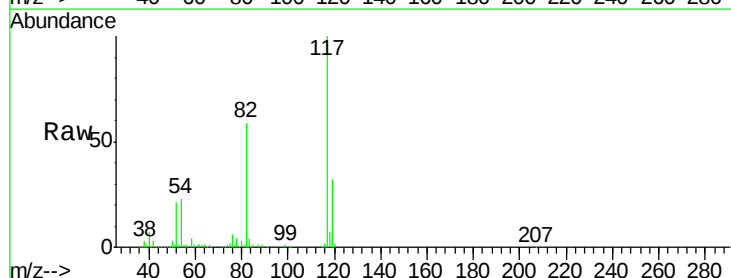
Tgt Ion: 117 Resp: 295632

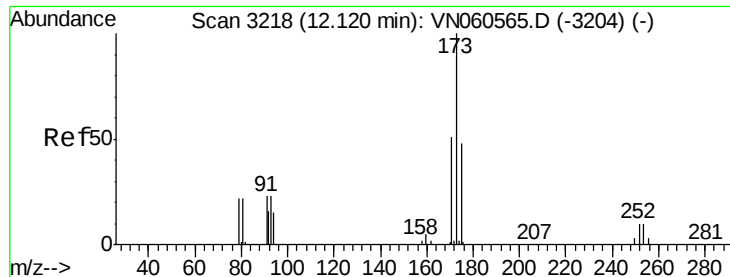
Ion Ratio Lower Upper

117 100

82 58.5 46.7 70.1

119 31.8 25.5 38.3

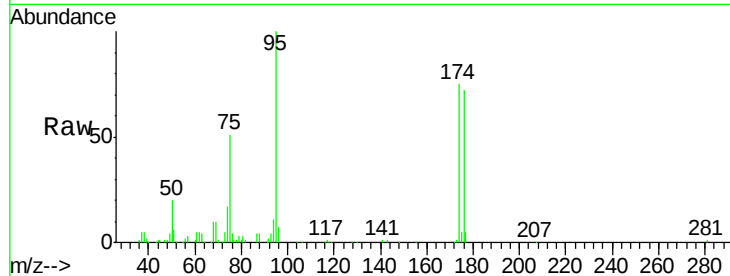




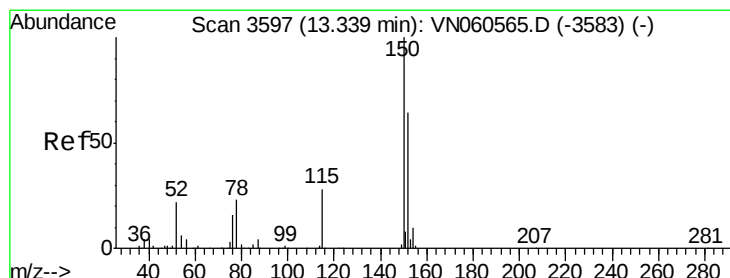
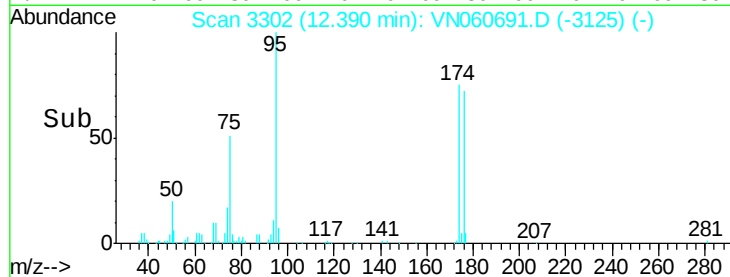
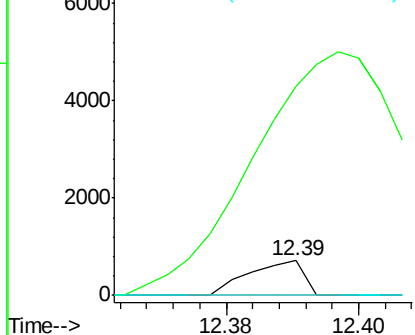
#71
Bromoform
Concen: 1.904 ug/l
RT: 12.39 min Scan# 3302
Delta R.T. 0.27 min
Lab File: VN060691.D
Acq: 25 Mar 2020 12:57

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

Tgt Ion:173 Resp: 407
Ion Ratio Lower Upper
173 100
175 1774.7 24.1 72.4#
254 0.0 0.0 0.0

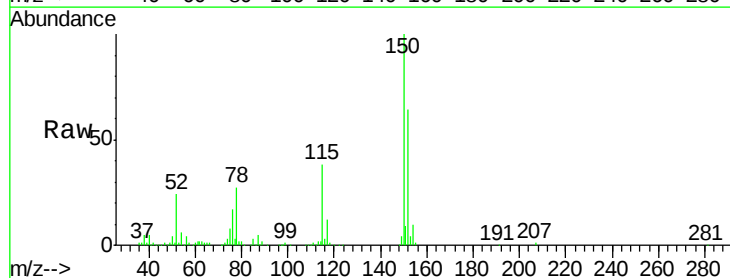


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

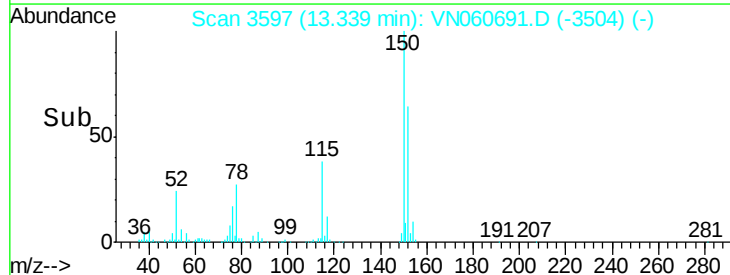
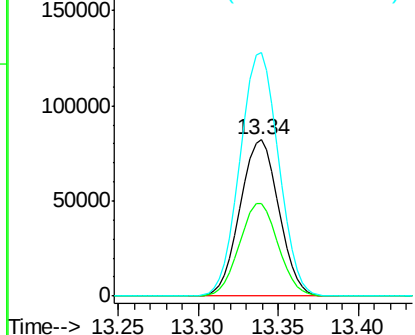


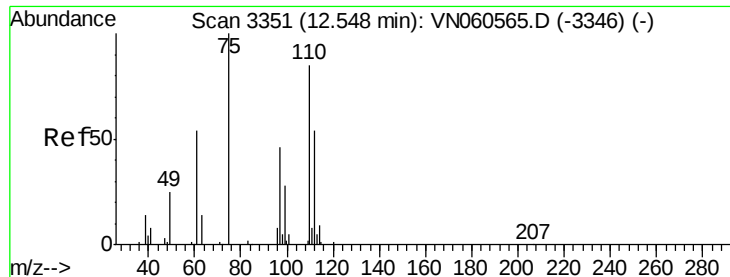
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060691.D
Acq: 25 Mar 2020 12:57

Tgt Ion:152 Resp: 135734
Ion Ratio Lower Upper
152 100
115 59.4 30.2 90.6
150 155.8 0.0 350.2



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: 25.167 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060691.D

Acq: 25 Mar 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

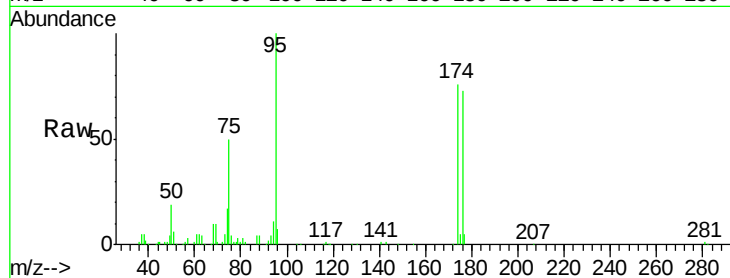
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 73711

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.39

50000

40000

30000

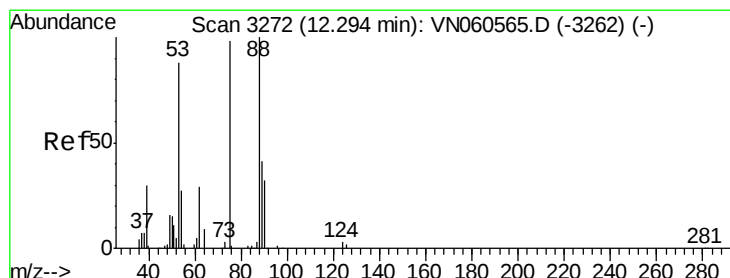
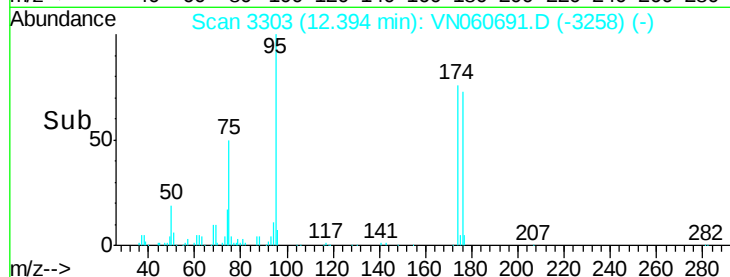
20000

10000

0

Time-->

12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 64.637 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060691.D

Acq: 25 Mar 2020 12:57

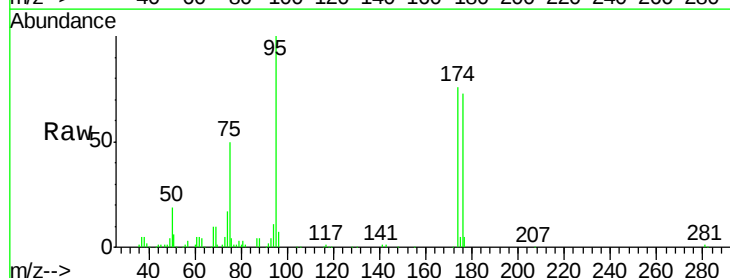
Tgt Ion: 75 Resp: 73711

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#



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

12.39

60000

50000

40000

30000

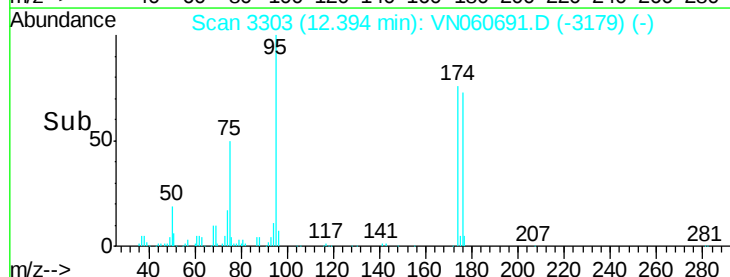
20000

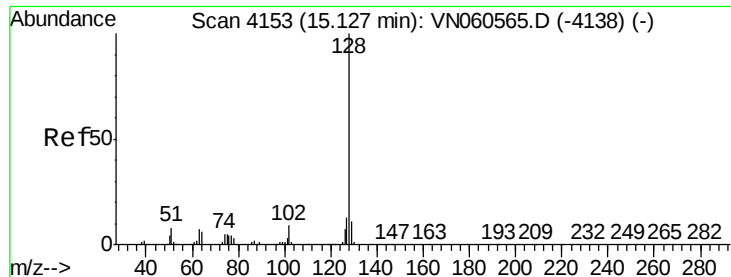
10000

0

Time-->

12.35 12.40 12.45





#95

Naphthalene

Concen: 0.227 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN060691.D

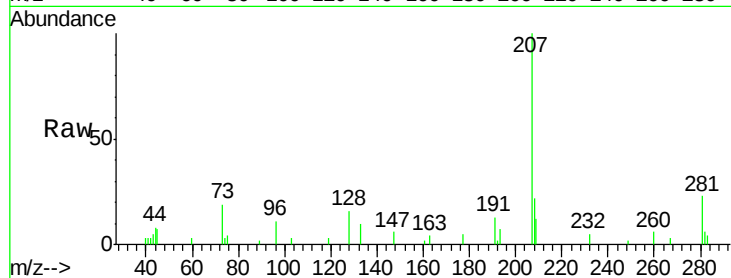
Acq: 25 Mar 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion:	128	Resp:	1735
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	3.4	8.8	13.2#

