

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063938.D
 Acq On : 7 Oct 2020 12:56
 Operator : JC/MD
 Sample : L4253-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 08 04:59:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	435412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169614	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	202401	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
35) Dibromofluoromethane	7.55	113	145688	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	10.06	98	544747	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.38	95	205897	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	

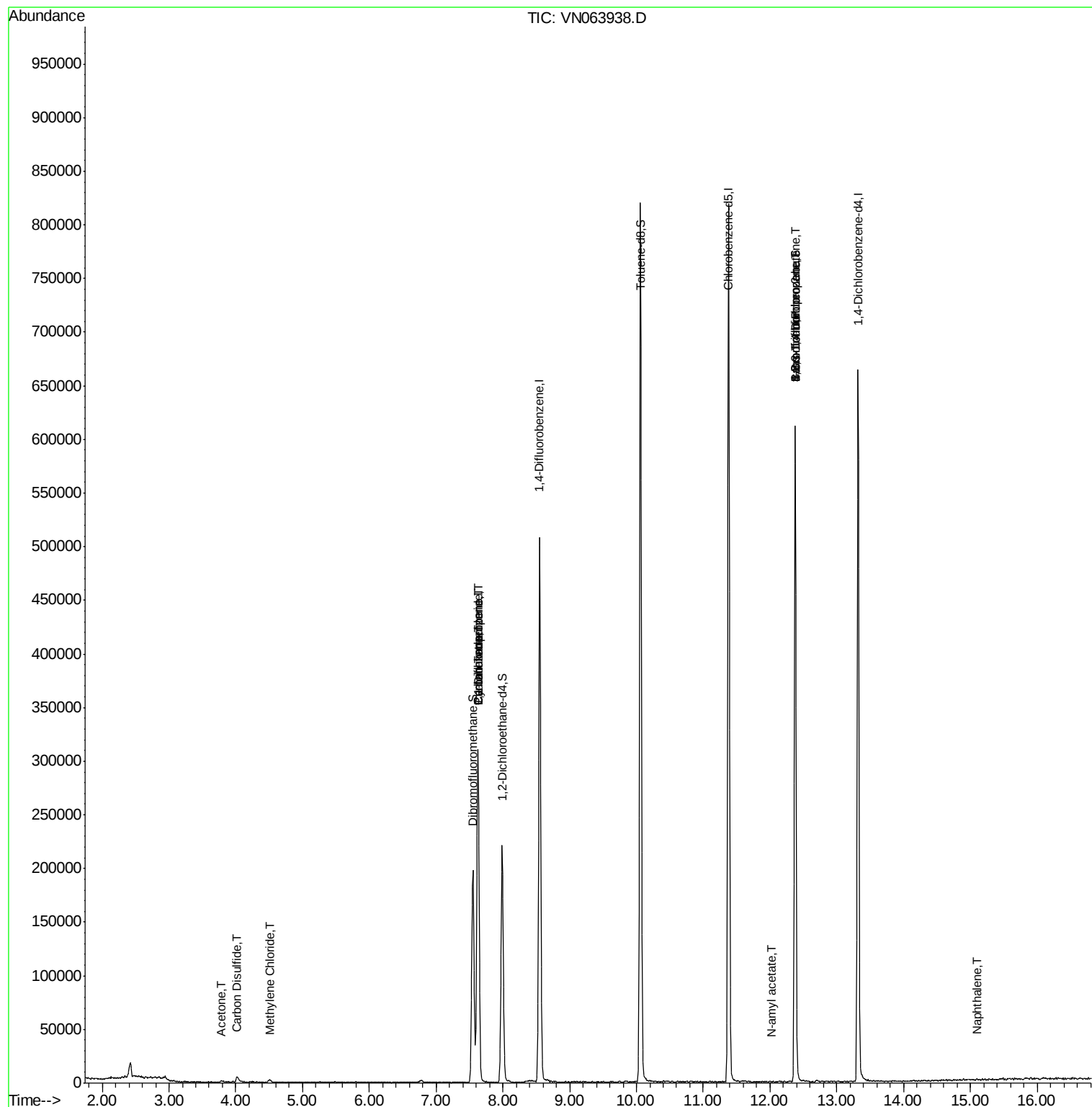
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	507	0.437	ug/l #	47
17) Carbon Disulfide	4.02	76	429	0.769	ug/l #	76
20) Methylene Chloride	4.51	84	675	0.351	ug/l #	69
31) Cyclohexane	7.62	56	6189	1.414	ug/l #	3
36) 1,1-Dichloropropene	7.63	75	19910	4.716	ug/l #	52
38) Carbon Tetrachloride	7.63	117	26856	5.673	ug/l #	13
71) Bromoform	12.38	173	1407	0.537	ug/l #	1
74) N-amyl acetate	12.02	43	282	2.263	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	115862	30.988	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115862	89.250	ug/l #	6
95) Naphthalene	15.11	128	111	1.936	ug/l #	69

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

Instrument :

MSVOA_N

ClientSampleId :

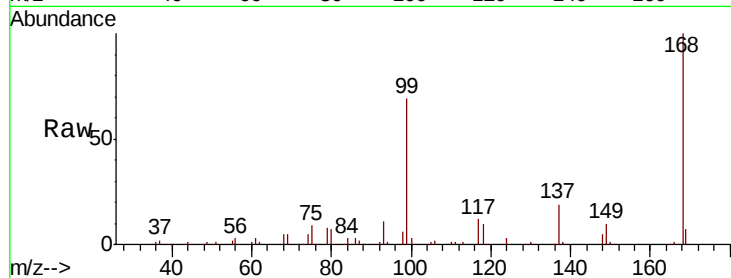
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 228206

Ion Ratio Lower Upper

168 100

99 69.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

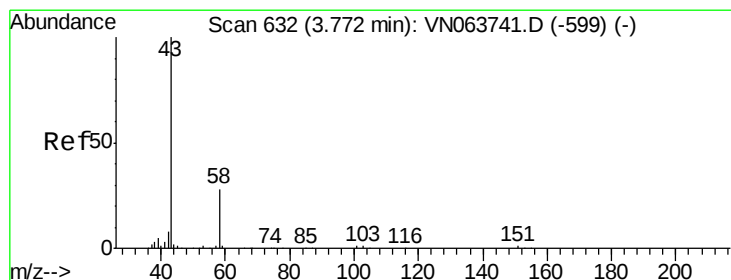
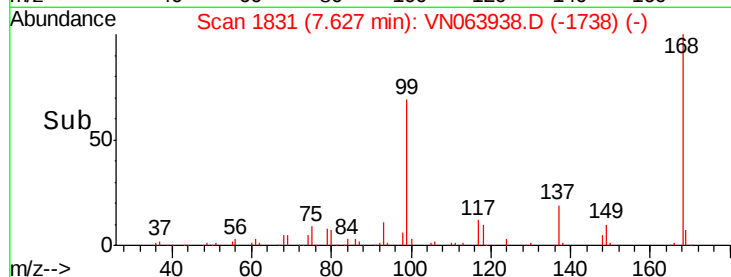
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 0.437 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063938.D

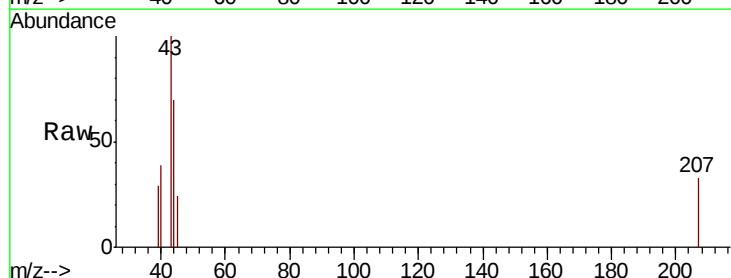
Acq: 7 Oct 2020 12:56

Tgt Ion: 43 Resp: 507

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.77

800

600

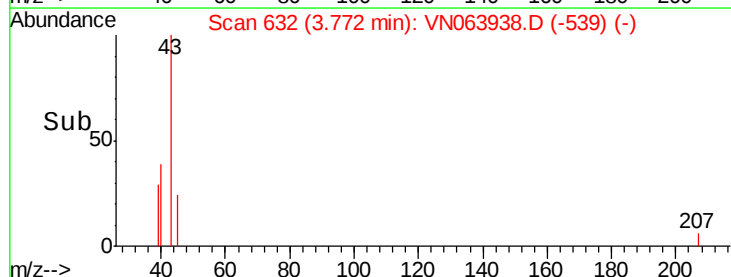
400

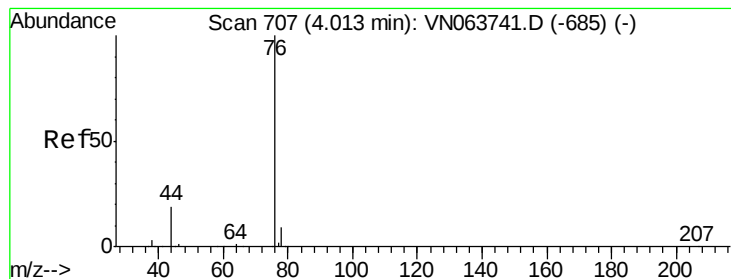
200

0

Time-->

3.74 3.76 3.78





#17

Carbon Disulfide

Concen: 0.769 ug/l

RT: 4.02 min Scan# 709

Delta R.T. 0.01 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

Instrument :

MSVOA_N

ClientSampleId :

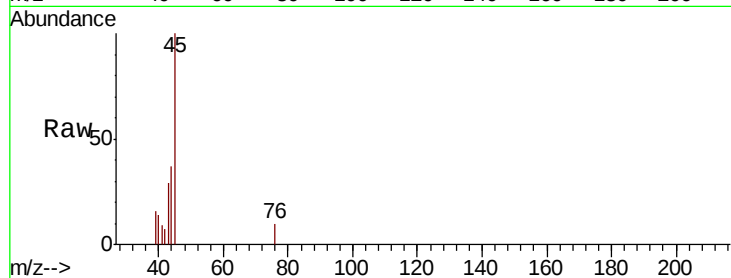
STORAGE-BLANK-WATER-REF-4

Tot Ion: 76 Resp: 429

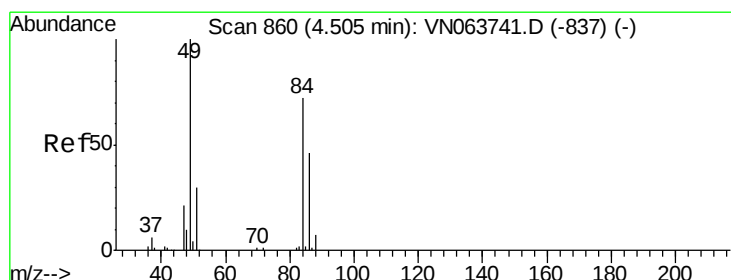
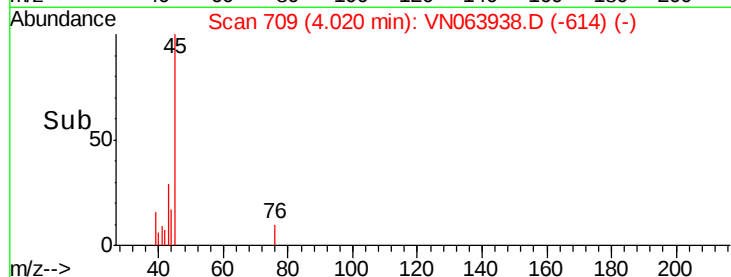
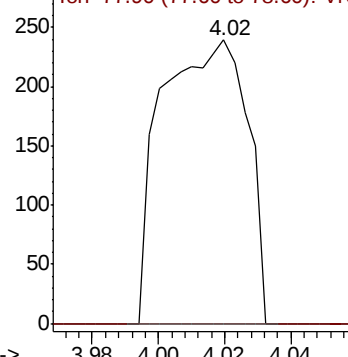
Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN063938.D (-614) (-)



#20

Methylene Chloride

Concen: 0.351 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.00 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

Tgt Ion: 84 Resp: 675

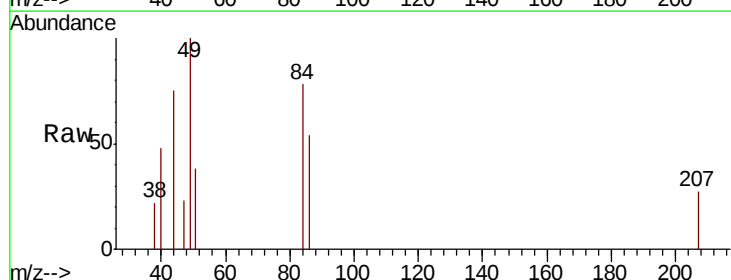
Ion Ratio Lower Upper

84 100

49 101.6 110.4 165.6#

51 20.5 33.3 49.9#

86 37.7 50.7 76.1#

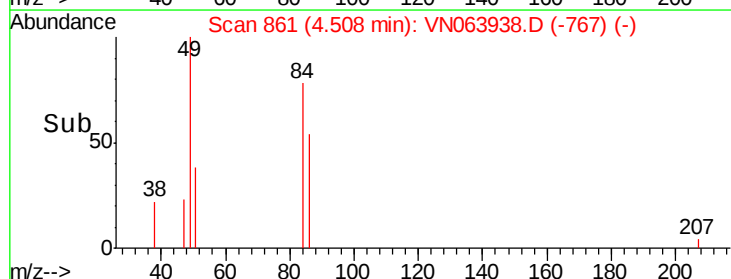
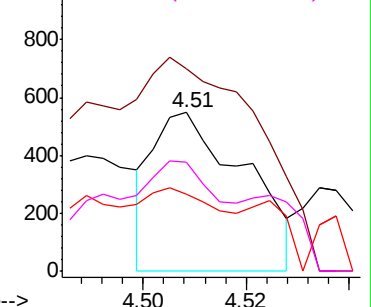


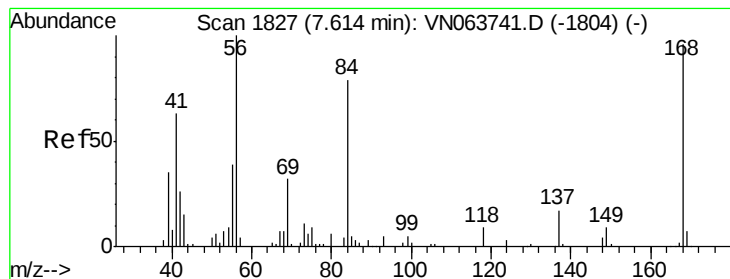
Abundance Ion 83.90 (83.60 to 84.60): VN063938.D (-767) (-)

Ion 48.90 (48.60 to 49.60): VN063938.D (-767) (-)

Ion 50.90 (50.60 to 51.60): VN063938.D (-767) (-)

Ion 85.90 (85.60 to 86.60): VN063938.D (-767) (-)





#31

Cyclohexane

Concen: 1.414 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

Instrument :

MSVOA_N

ClientSampleId :

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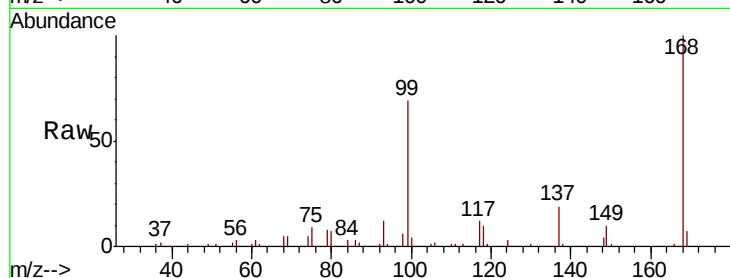
Tot Ion: 56 Resp: 6189

Ion Ratio Lower Upper

56 100

69 173.9 25.4 38.2#

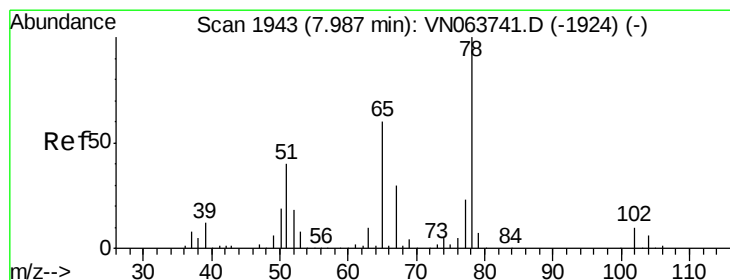
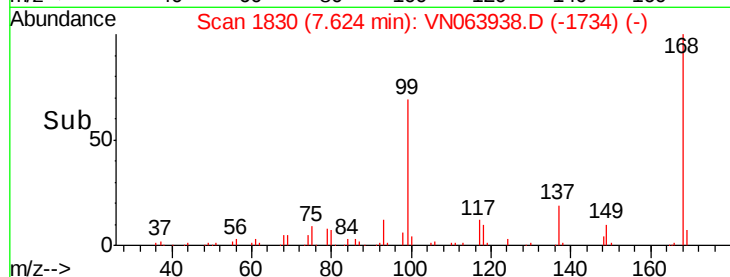
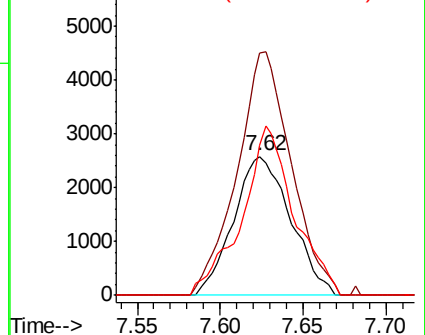
84 107.8 63.3 94.9#



Abundance Ion 56.00 (55.70 to 56.70): VN063938.D (-1830) (-)

Ion 69.00 (68.70 to 69.70): VN063938.D (-1830) (-)

Ion 84.00 (83.70 to 84.70): VN063938.D (-1830) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.686 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063938.D

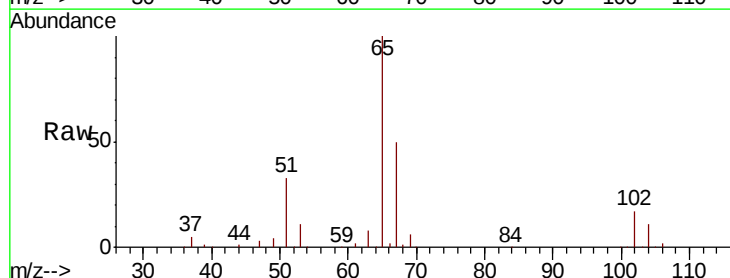
Acq: 7 Oct 2020 12:56

Tgt Ion: 65 Resp: 202401

Ion Ratio Lower Upper

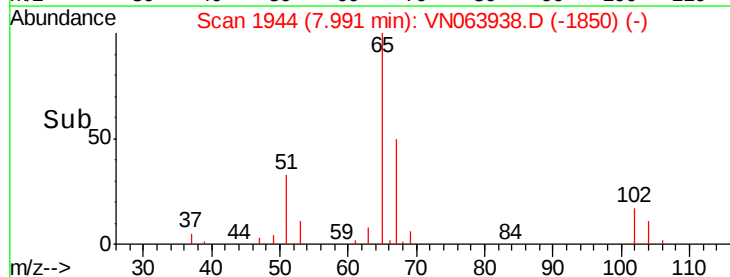
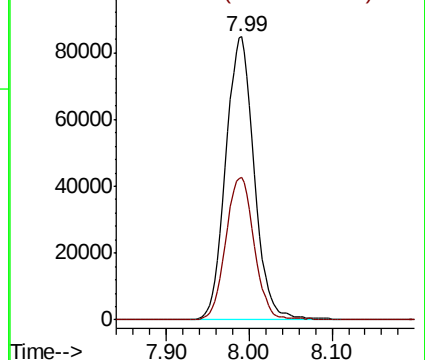
65 100

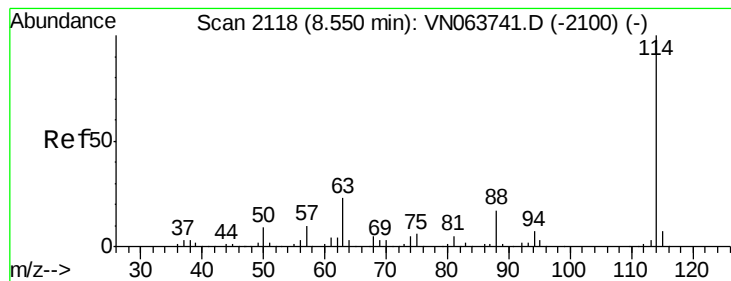
67 49.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063938.D (-1944) (-)

Ion 66.90 (66.60 to 67.60): VN063938.D (-1944) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

Instrument :

MSVOA_N

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STORAGE-BLANK-WATER-REF-4

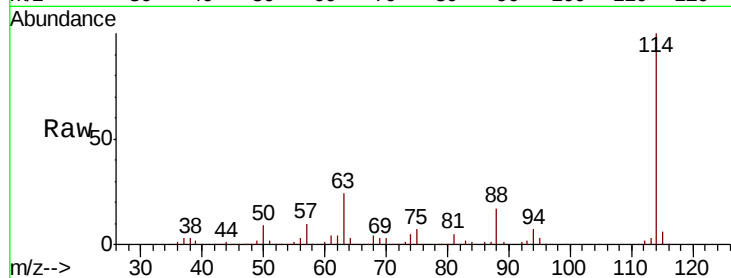
Tot Ion:114 Resp: 416748

Ion Ratio Lower Upper

114 100

63 24.4 0.0 45.0

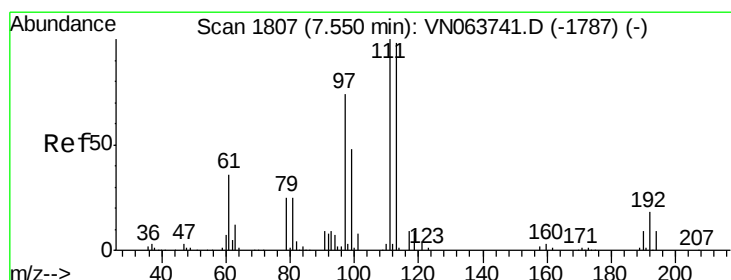
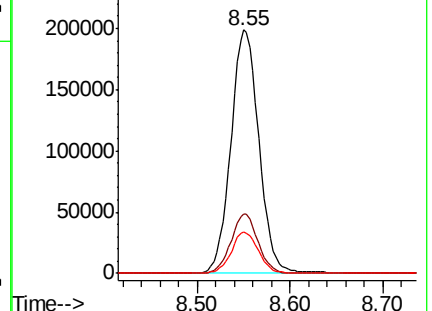
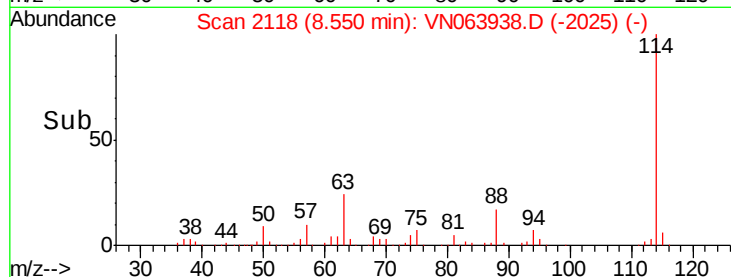
88 17.1 0.0 34.0



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: 50.381 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

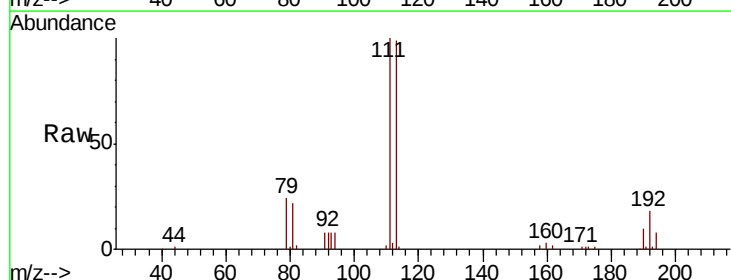
Tgt Ion:113 Resp: 145688

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

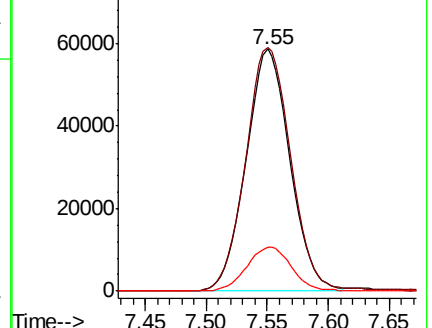
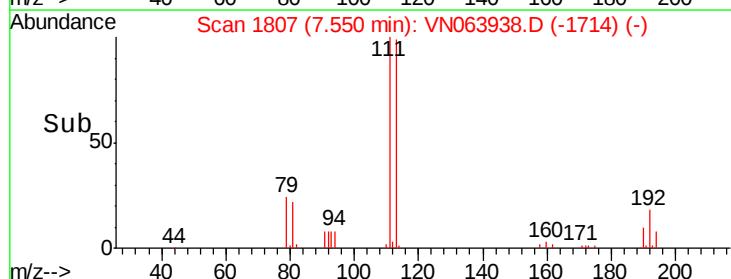
192 18.5 14.2 21.2

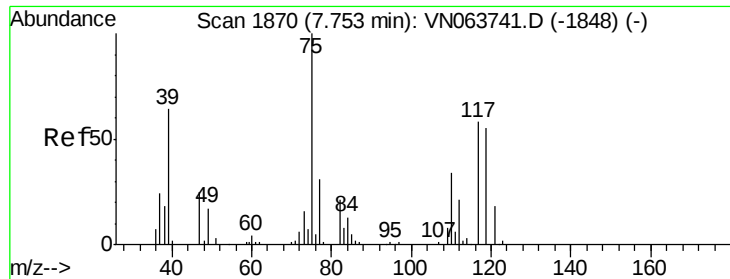


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

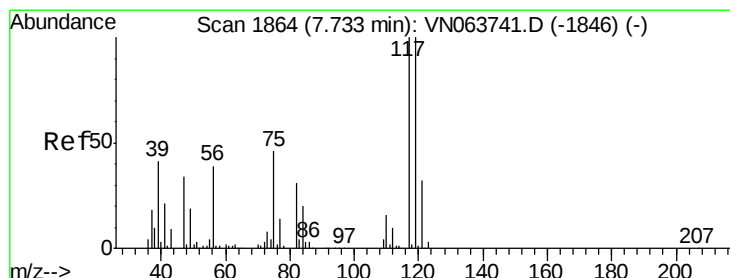
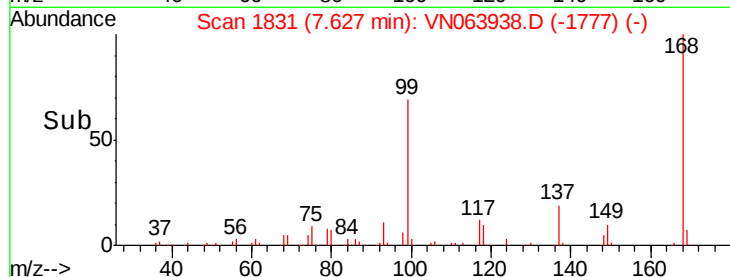
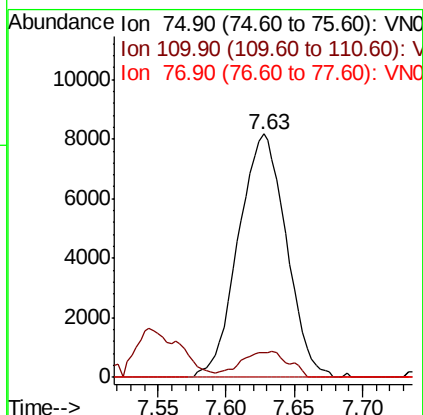
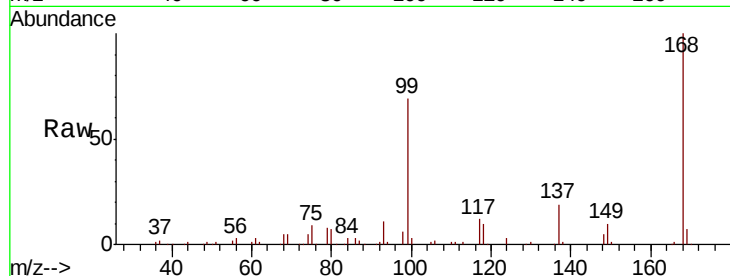




#36
 1,1-Dichloropropene
 Concen: 4.716 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063938.D
 Acq: 7 Oct 2020 12:56

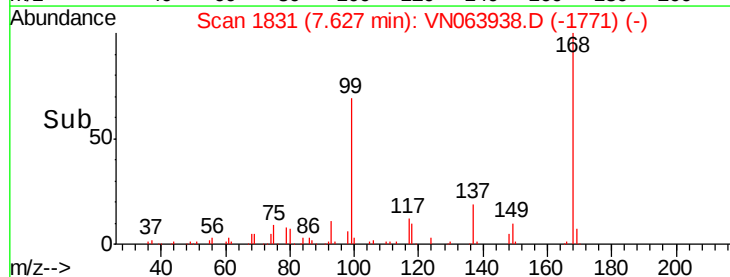
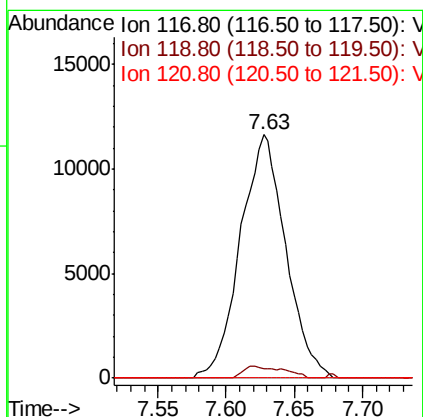
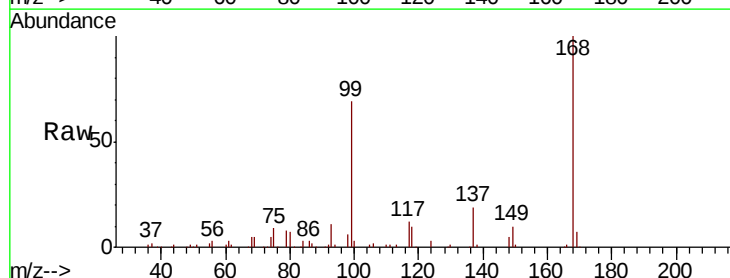
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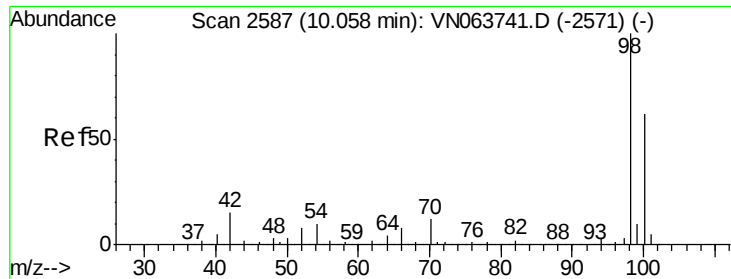
Tot Ion: 75 Resp: 19910
 Ion Ratio Lower Upper
 75 100
 110 10.6 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.673 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063938.D
 Acq: 7 Oct 2020 12:56

Tgt Ion: 117 Resp: 26856
 Ion Ratio Lower Upper
 117 100
 119 3.9 80.1 120.1#
 121 0.0 25.7 38.5#

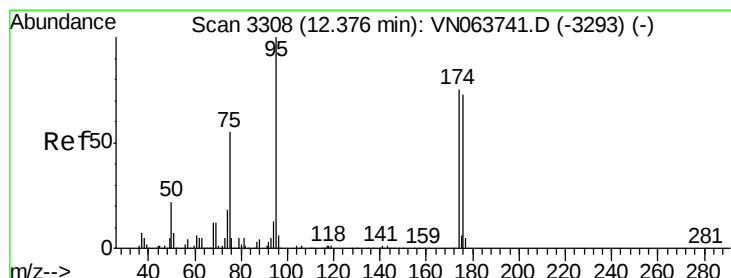
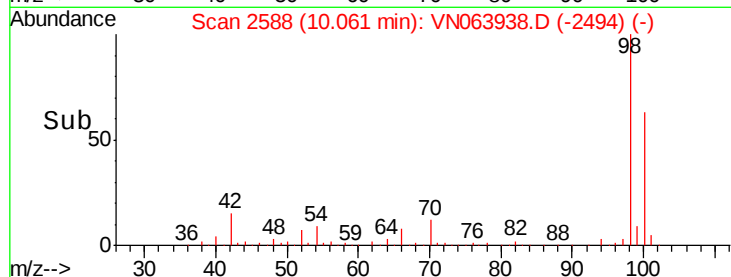
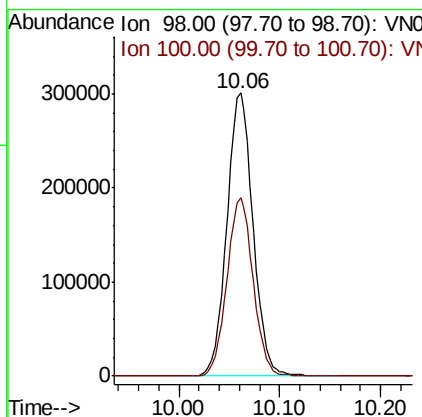
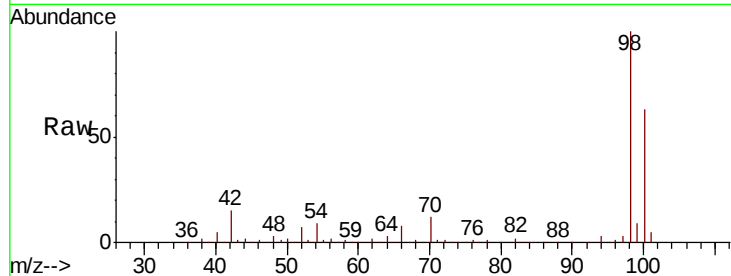




#50
Toluene-d8
Concen: 49.693 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063938.D
Acq: 7 Oct 2020 12:56

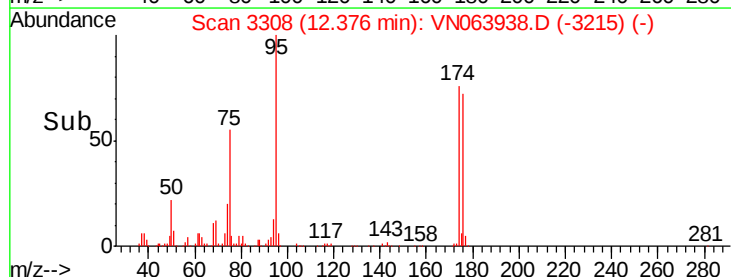
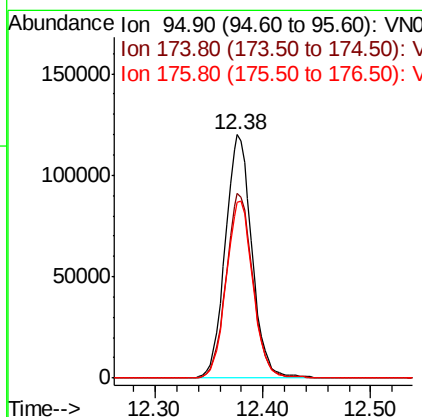
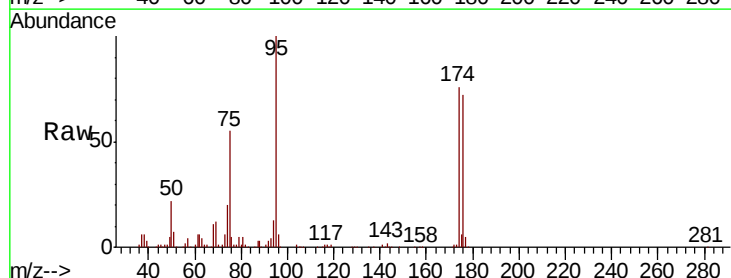
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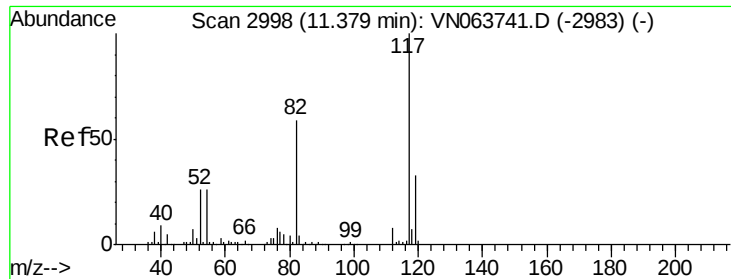
Tot Ion: 98 Resp: 544747
Ion Ratio Lower Upper
98 100
100 63.0 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 49.965 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063938.D
Acq: 7 Oct 2020 12:56

Tgt Ion: 95 Resp: 205897
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.6
176 73.2 0.0 145.4

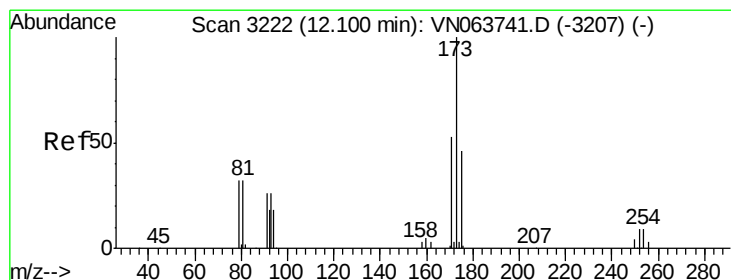
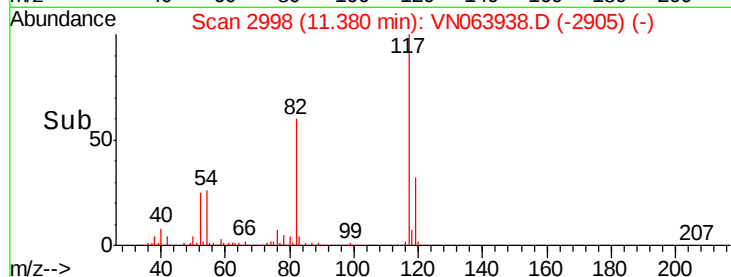
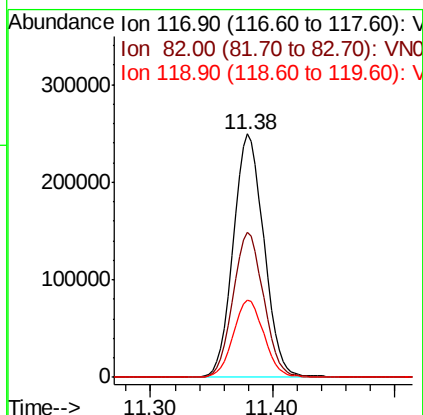
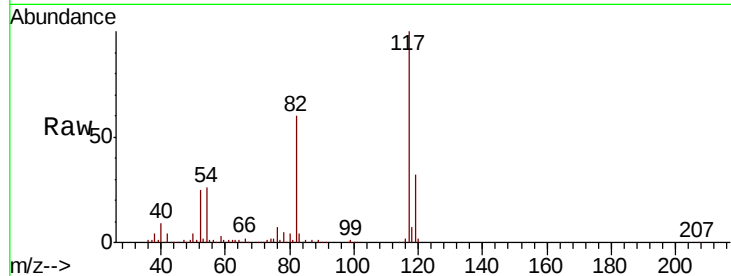




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063938.D
Acq: 7 Oct 2020 12:56

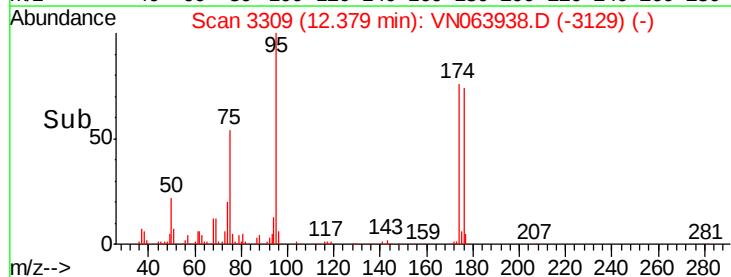
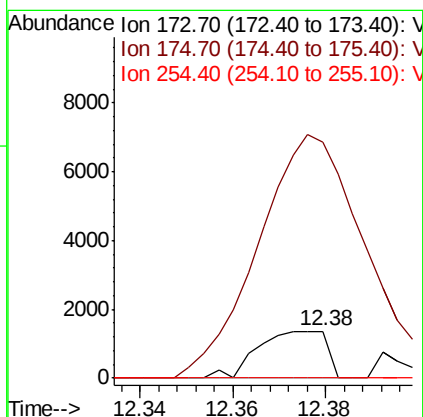
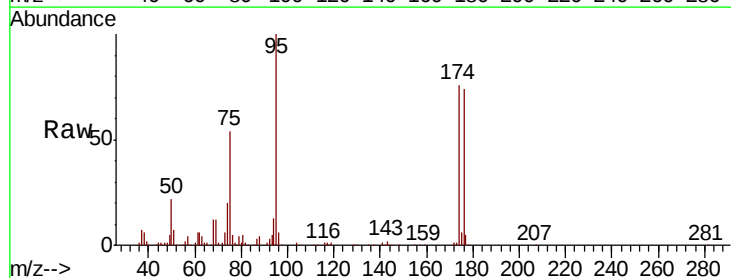
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

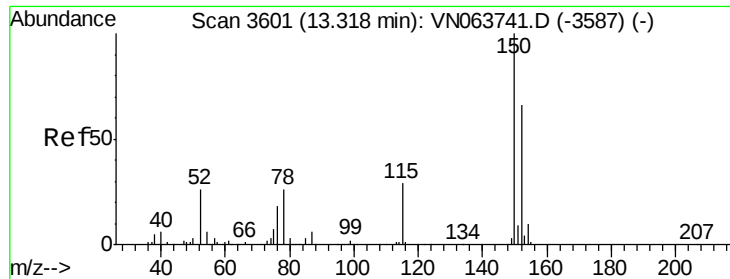
Tot Ion:117 Resp: 435412
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.7 26.4 39.6



#71
Bromoform
Concen: 0.537 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.28 min
Lab File: VN063938.D
Acq: 7 Oct 2020 12:56

Tgt Ion:173 Resp: 1407
Ion Ratio Lower Upper
173 100
175 664.9 23.5 70.5#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

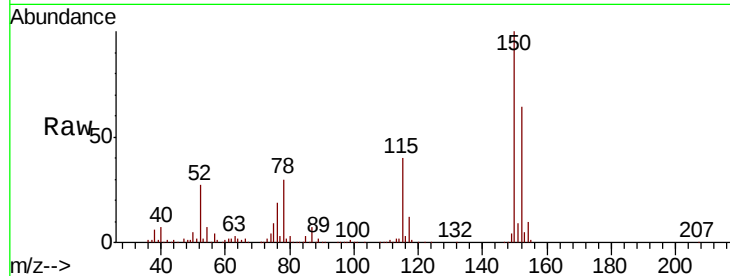
Tot Ion:152 Resp: 169614

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

150 156.1 0.0 341.8

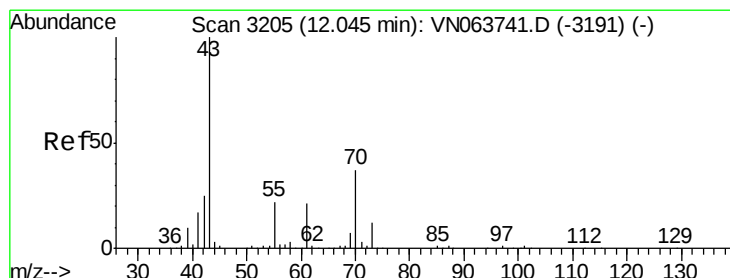
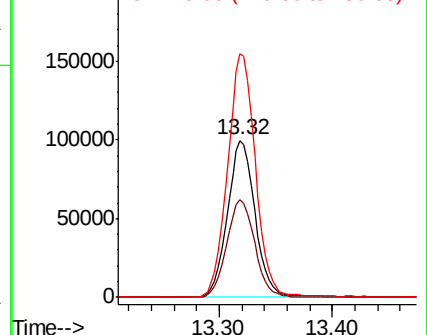
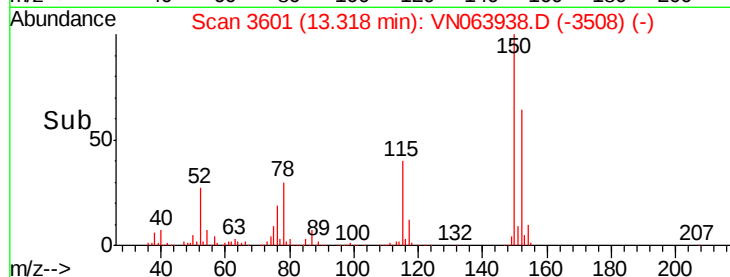


Abundance

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



#74

N-ethyl acetate

Concen: 2.263 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

Tgt Ion: 43 Resp: 282

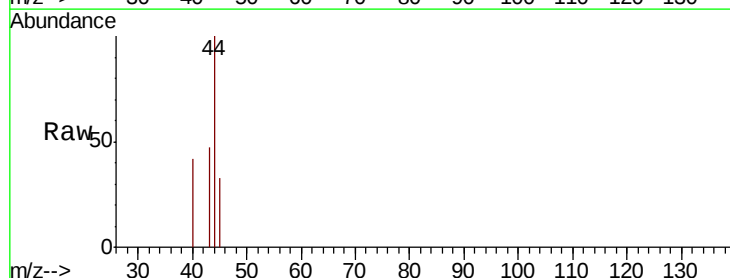
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#



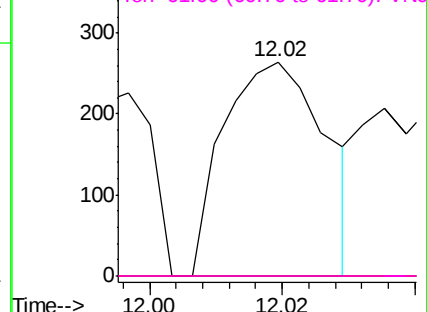
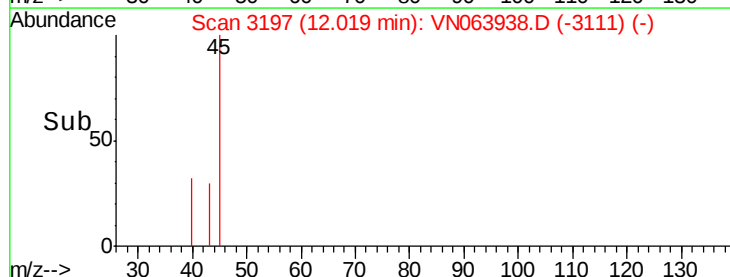
Abundance

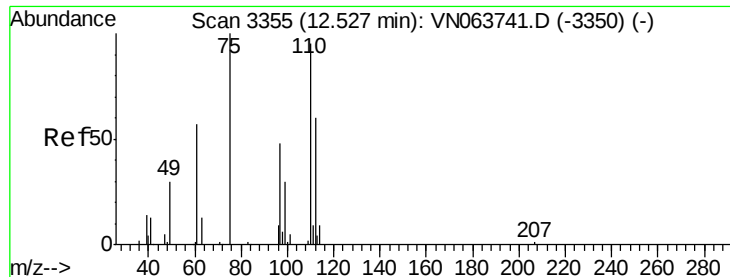
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 30.988 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

Instrument :

MSVOA_N

ClientSampleId :

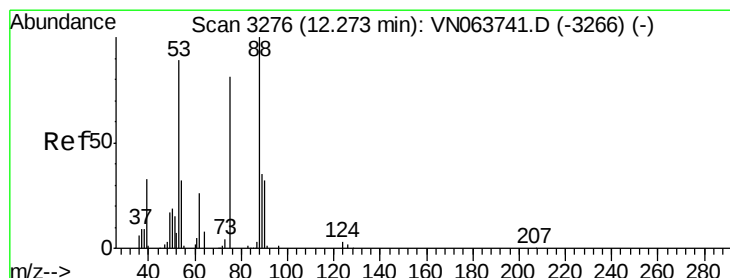
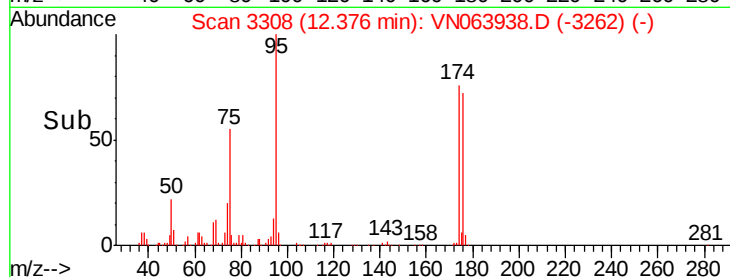
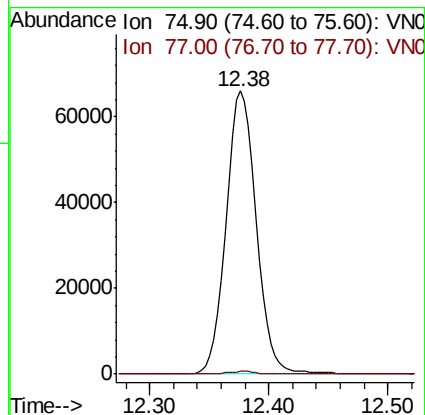
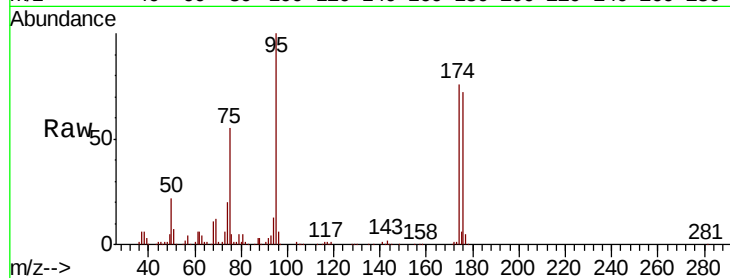
STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 115862

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.250 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063938.D

Acq: 7 Oct 2020 12:56

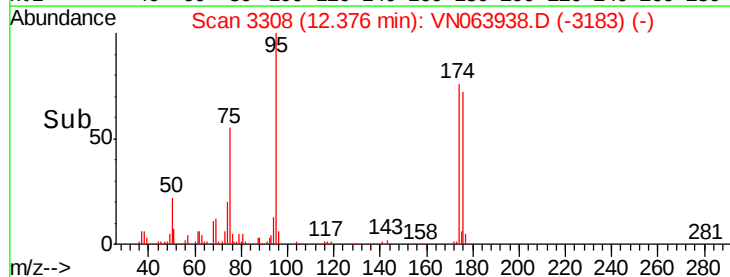
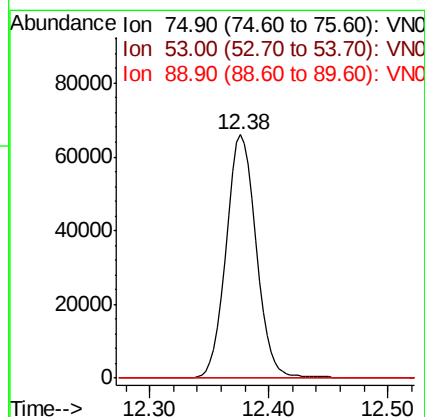
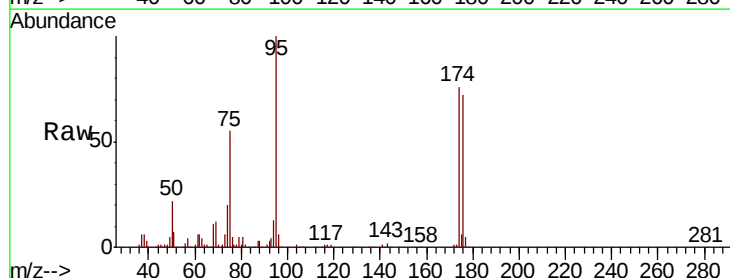
Tgt Ion: 75 Resp: 115862

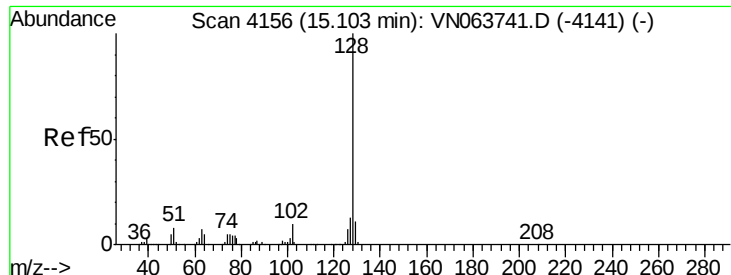
Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

89 0.1 36.0 54.0#

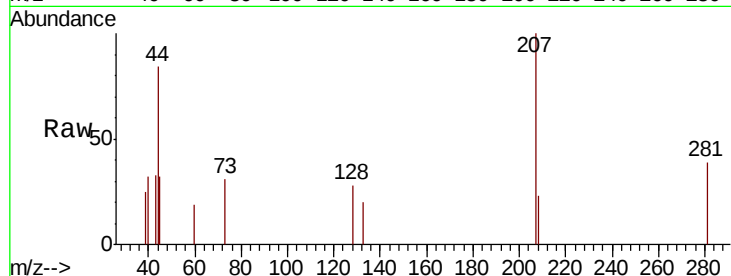




#95
Naphthalene
Concen: 1.936 ug/l
RT: 15.11 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN063938.D
Acq: 7 Oct 2020 12:56

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

Tot Ion:128 Resp: 111
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
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

