

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063770.D
 Acq On : 1 Oct 2020 14:34
 Operator : JC/MD
 Sample : L4168-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 02 02:14:19 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	224858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	407648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171298	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	187484	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
35) Dibromofluoromethane	7.55	113	135577	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	10.06	98	516369	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.38	95	204452	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	

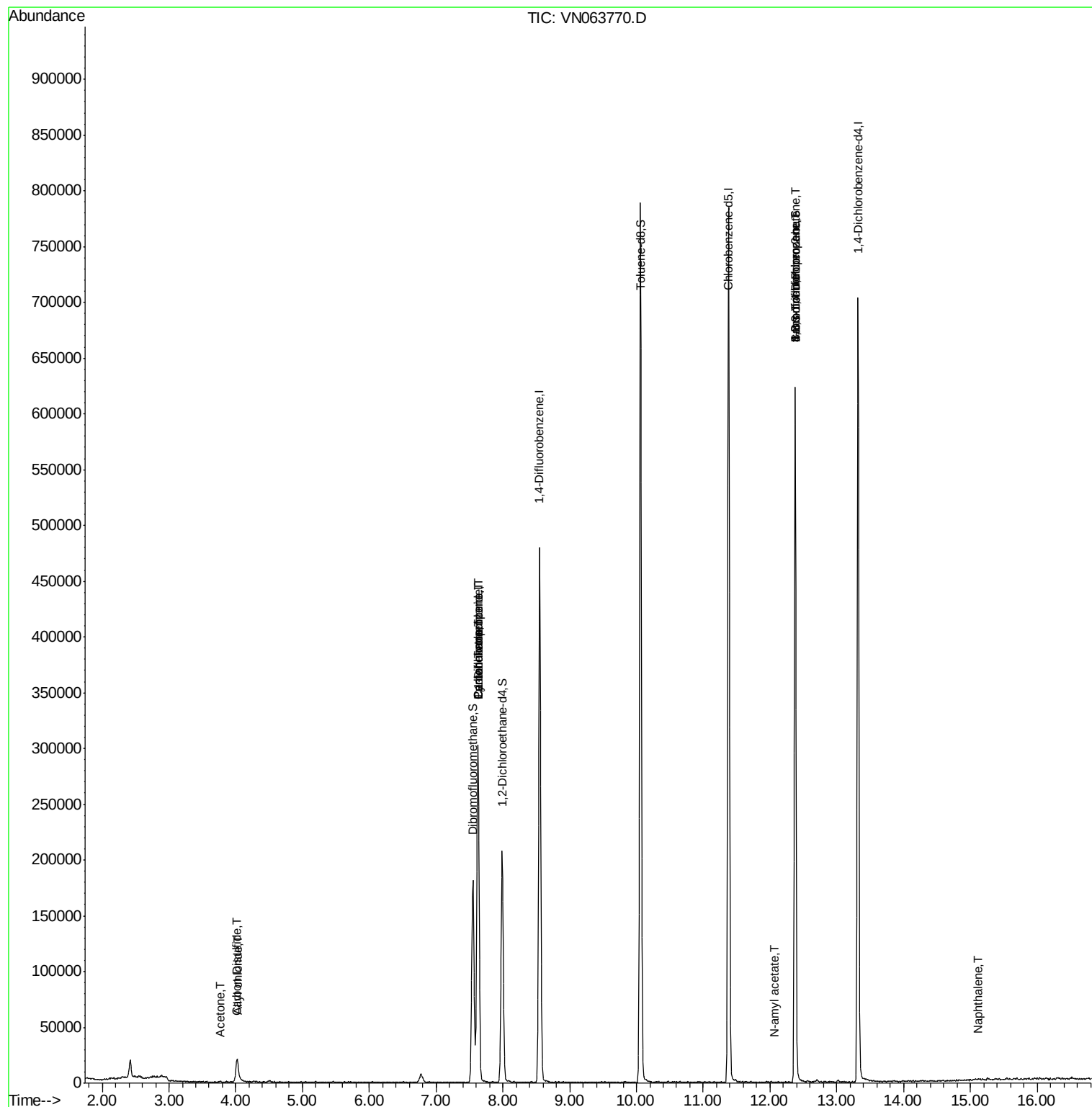
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.02	41	4488	1.067	ug/l #	62
16) Acetone	3.77	43	409	0.358	ug/l #	47
17) Carbon Disulfide	4.00	76	379	0.762	ug/l #	76
31) Cyclohexane	7.62	56	6208	1.439	ug/l #	14
36) 1,1-Dichloropropene	7.63	75	20421	4.945	ug/l #	51
38) Carbon Tetrachloride	7.63	117	25899	5.593	ug/l #	14
71) Bromoform	12.37	173	916	0.369	ug/l #	1
74) N-amyl acetate	12.06	43	100	2.232	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	118326	31.336	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118326	90.252	ug/l #	6
95) Naphthalene	15.12	128	954	2.024	ug/l #	69

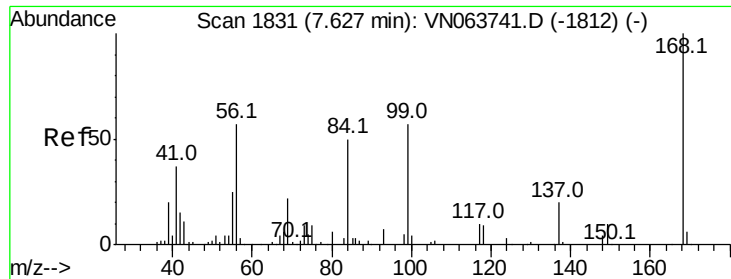
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN063770.D

Acq: 1 Oct 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

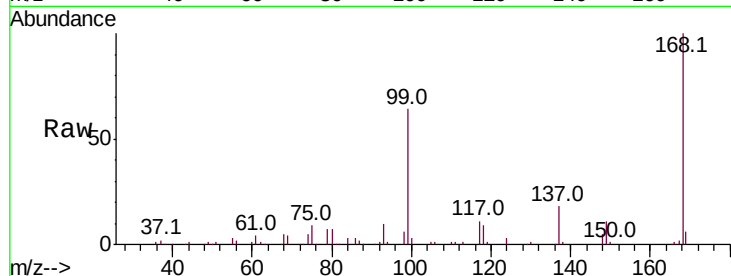
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 224858

Ion Ratio Lower Upper

168 100

99 64.3 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

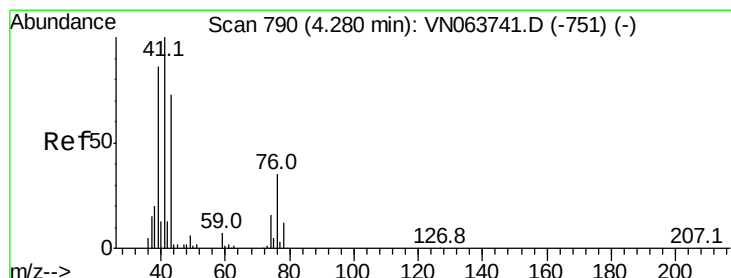
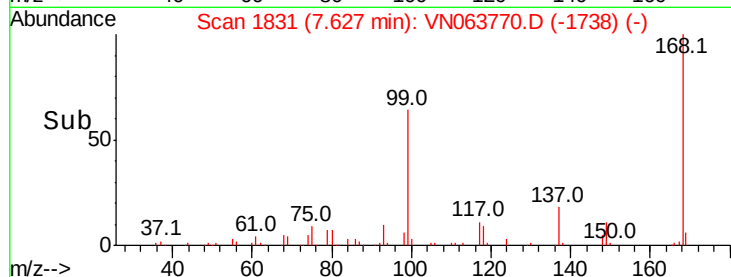
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#14

Allyl chloride

Concen: 1.067 ug/l

RT: 4.02 min Scan# 710

Delta R.T. -0.26 min

Lab File: VN063770.D

Acq: 1 Oct 2020 14:34

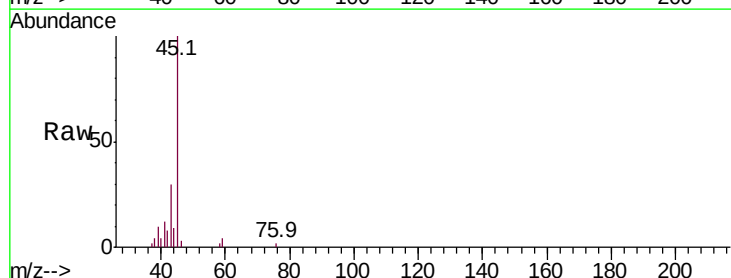
Tgt Ion: 41 Resp: 4488

Ion Ratio Lower Upper

41 100

39 48.7 64.5 96.7#

76 8.4 25.9 38.9#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

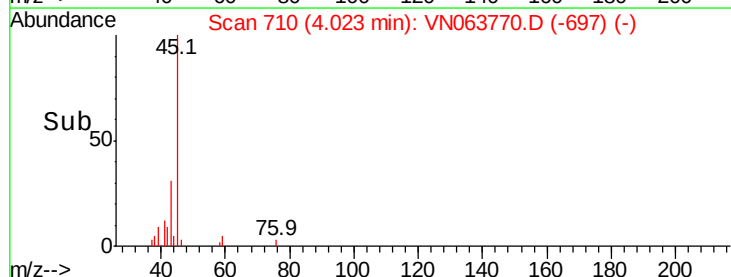
1500

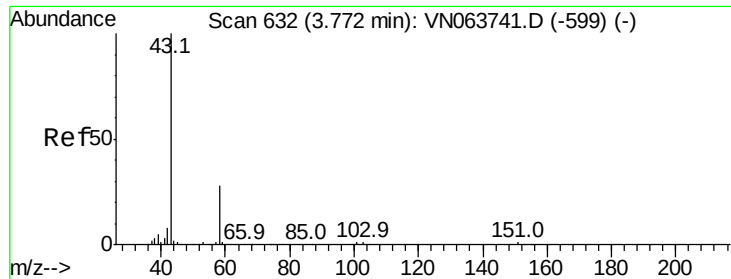
1000

500

0

Time--> 3.95 4.00 4.05 4.10

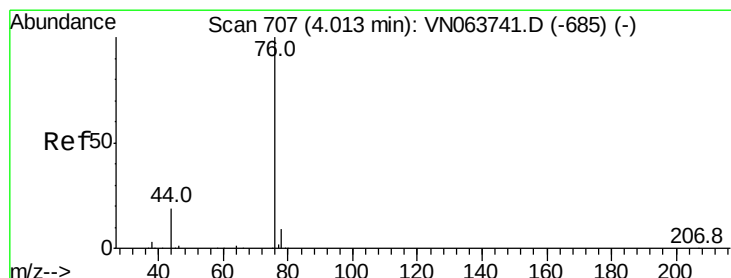
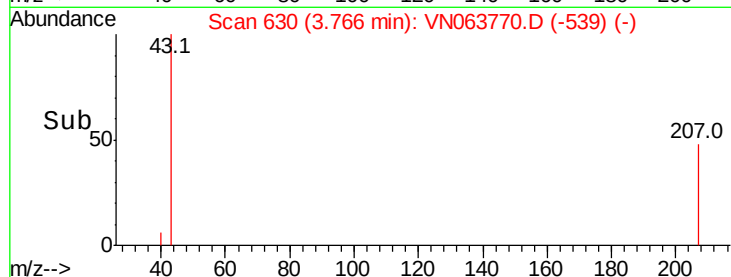
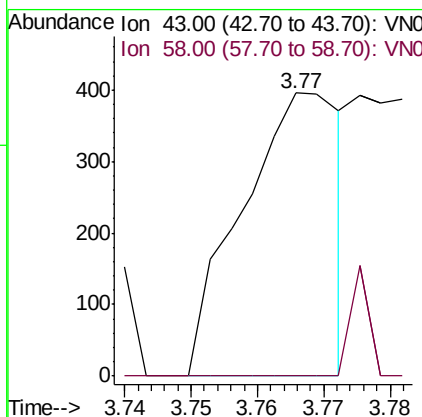
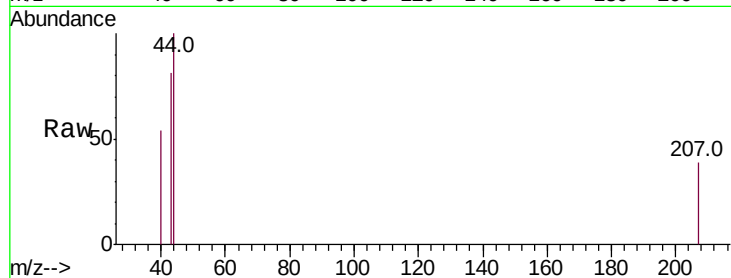




#16
Acetone
Concen: 0.358 ug/l
RT: 3.77 min Scan# 630
Delta R.T. -0.01 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

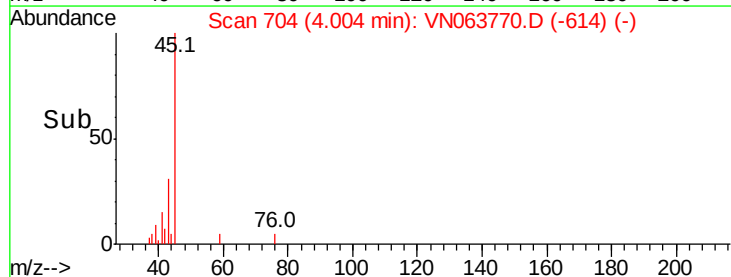
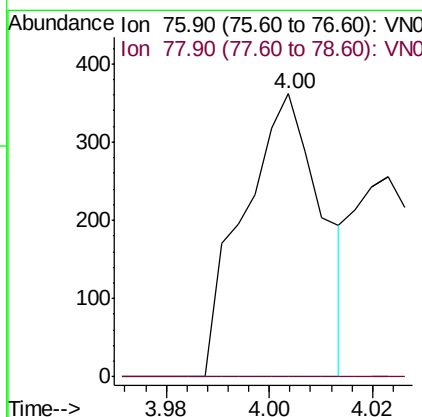
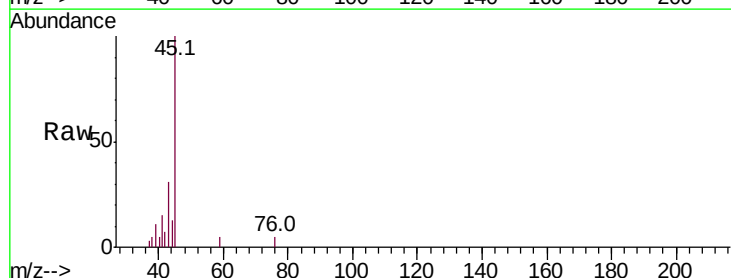
Instrument :
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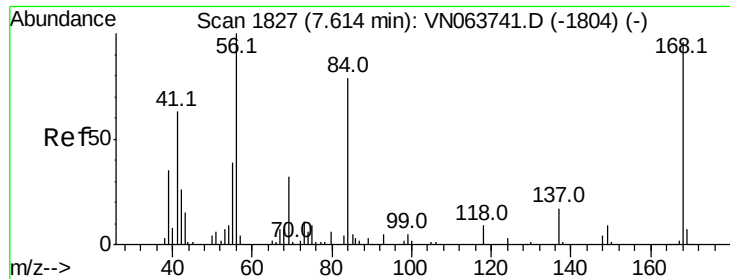
Tot Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#17
Carbon Disulfide
Concen: 0.762 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.01 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

Tgt Ion: 76 Resp: 379
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

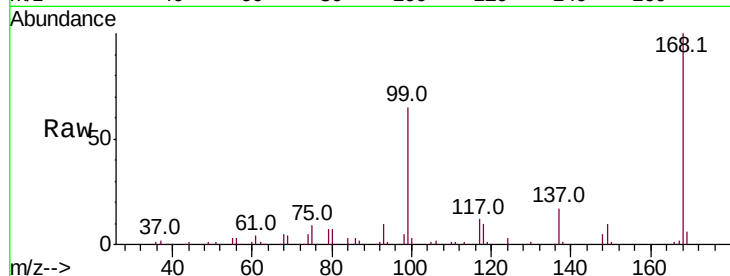




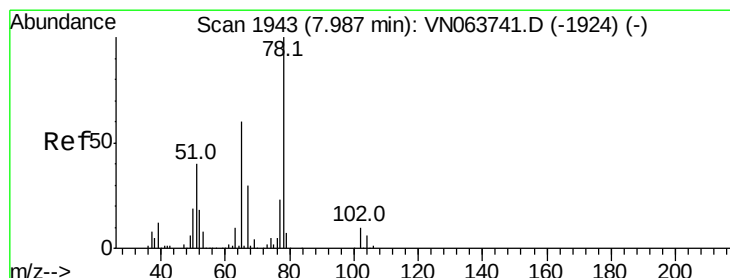
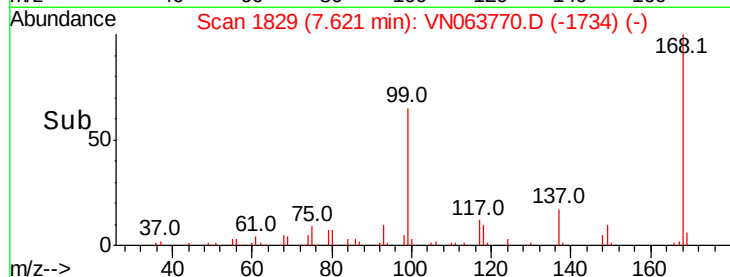
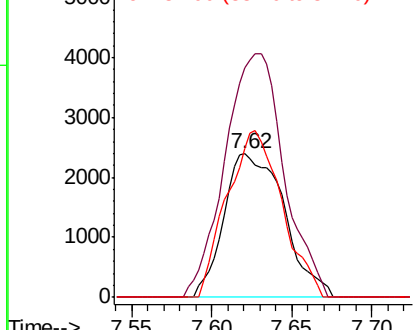
#31
Cyclohexane
Concen: 1.439 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

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

Tot Ion: 56 Resp: 6208
Ion Ratio Lower Upper
56 100
69 159.9 25.4 38.2#
84 103.6 63.3 94.9#

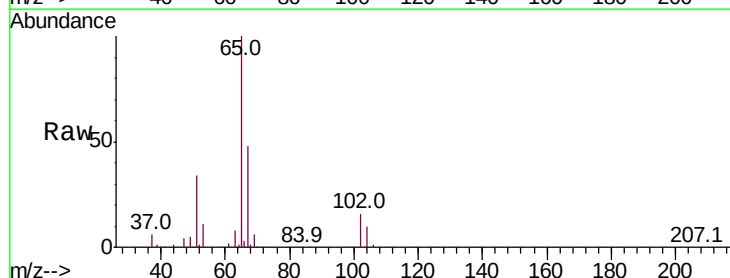


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

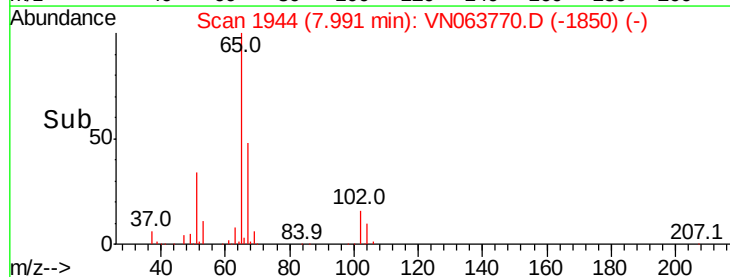
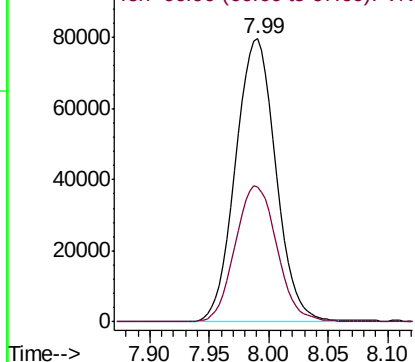


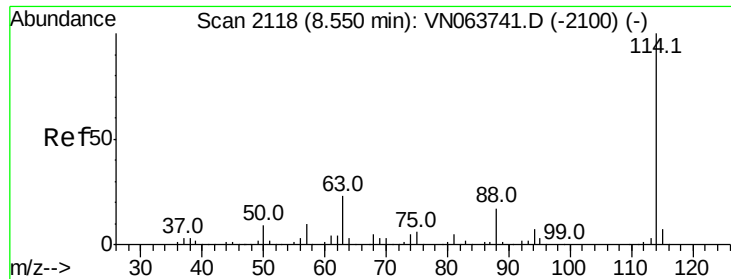
#33
1,2-Dichloroethane-d4
Concen: 50.469 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

Tgt Ion: 65 Resp: 187484
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

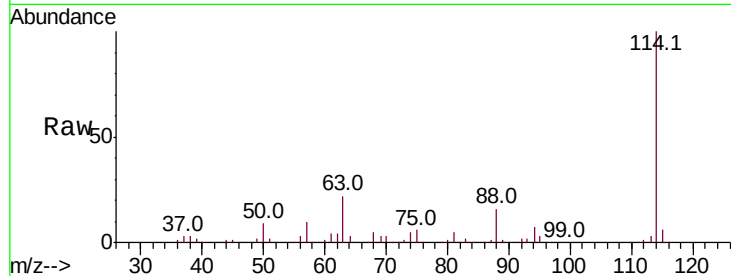




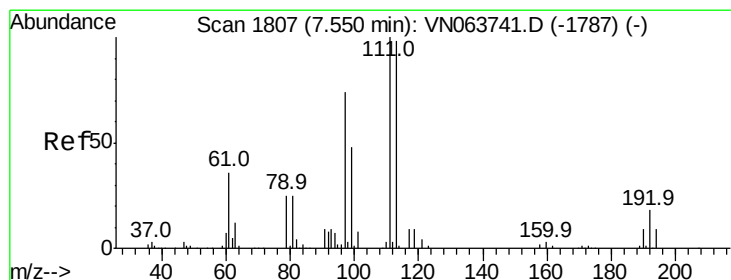
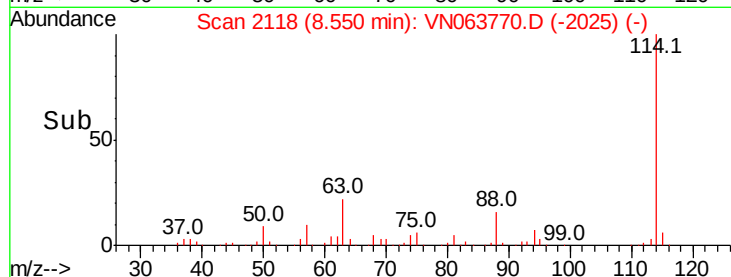
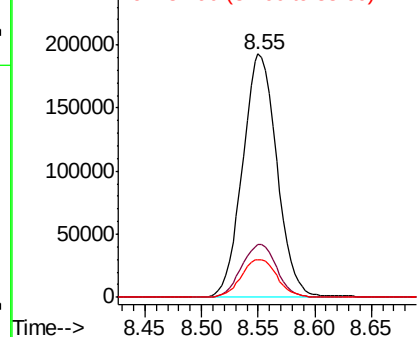
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063770.D
 Acq: 1 Oct 2020 14:34

Instrument :
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 STORAGE-BLANK-WATER-REF-5

Tot Ion:114 Resp: 407648
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 15.6 0.0 34.0

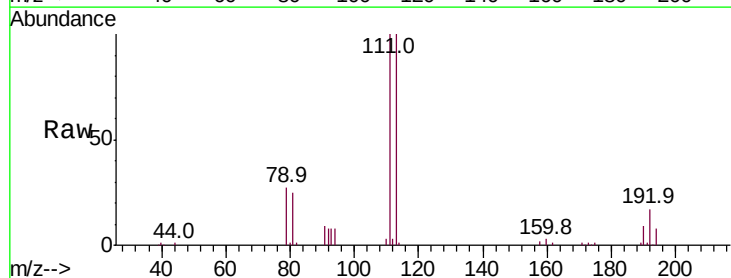


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

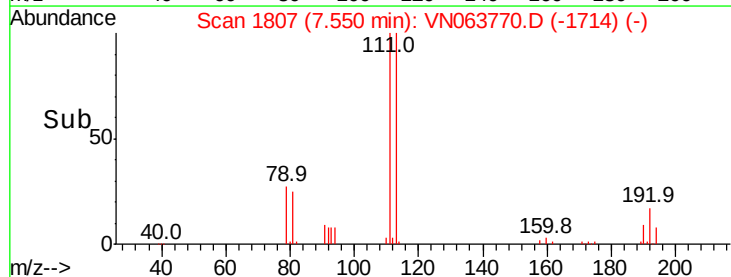
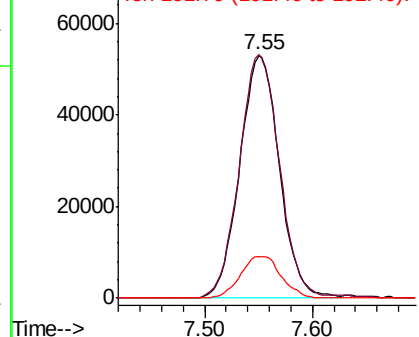


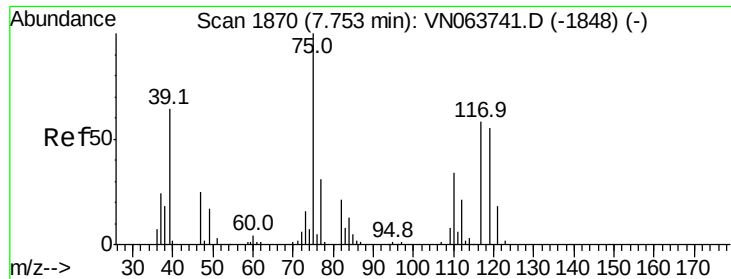
#35
 Dibromofluoromethane
 Concen: 47.931 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063770.D
 Acq: 1 Oct 2020 14:34

Tgt Ion:113 Resp: 135577
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 17.6 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

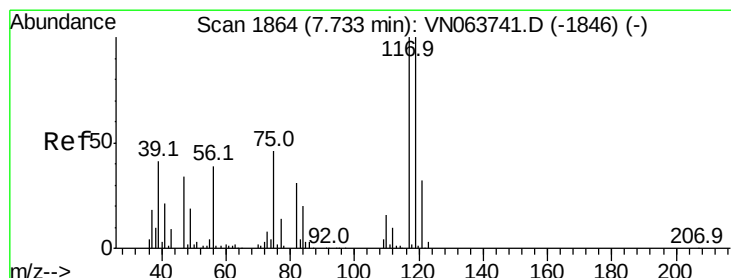
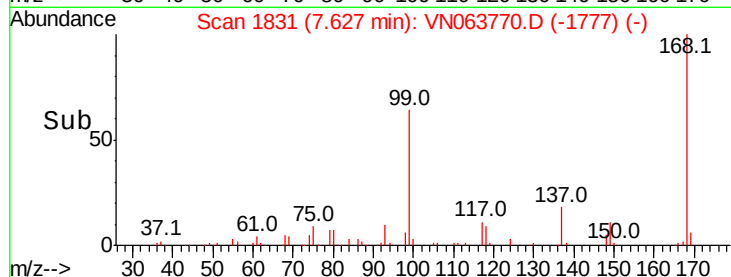
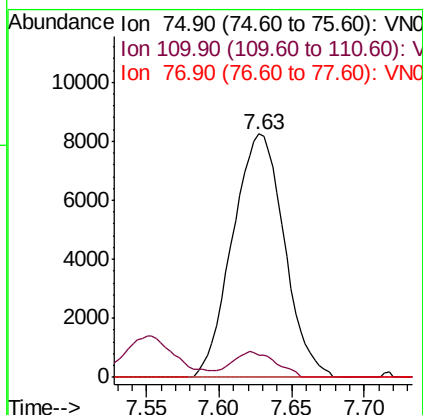
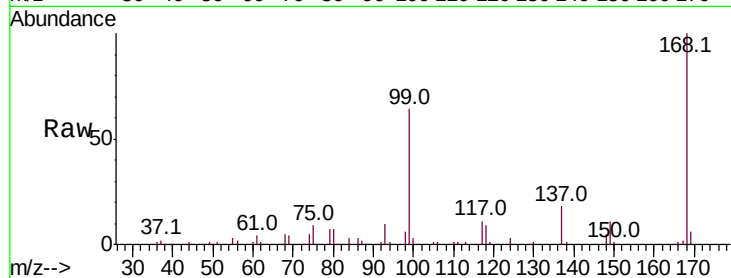




#36
 1,1-Dichloropropene
 Concen: 4.945 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063770.D
 Acq: 1 Oct 2020 14:34

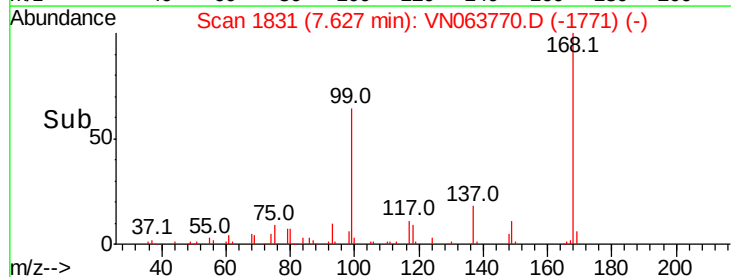
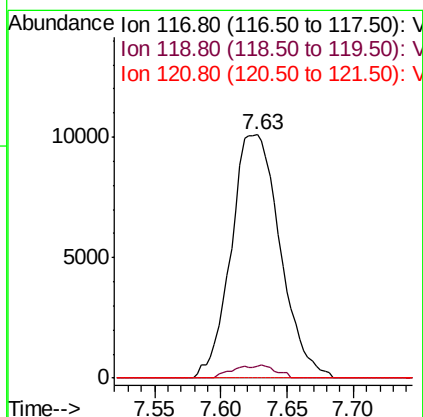
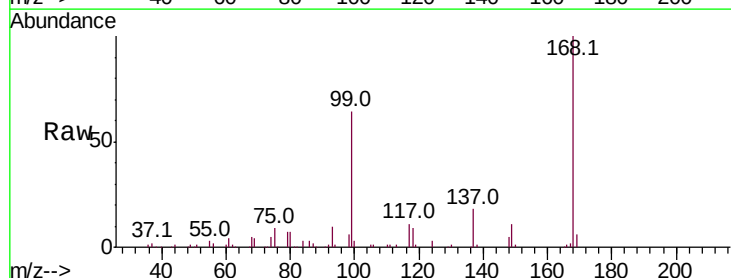
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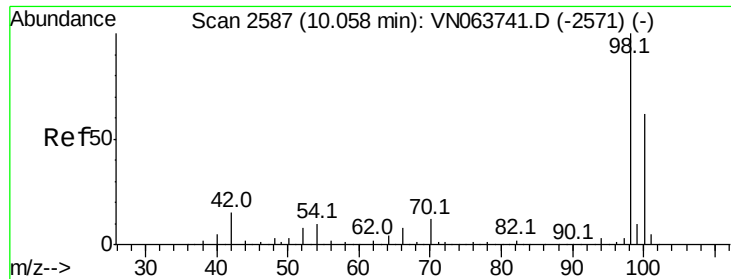
Tot Ion: 75 Resp: 20421
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.593 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063770.D
 Acq: 1 Oct 2020 14:34

Tgt Ion: 117 Resp: 25899
 Ion Ratio Lower Upper
 117 100
 119 4.9 80.1 120.1#
 121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 48.156 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063770.D

Acq: 1 Oct 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

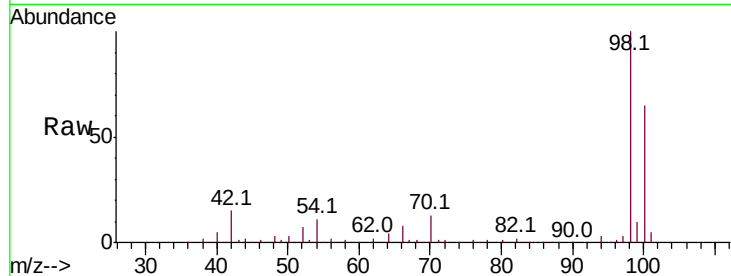
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 516369

Ion Ratio Lower Upper

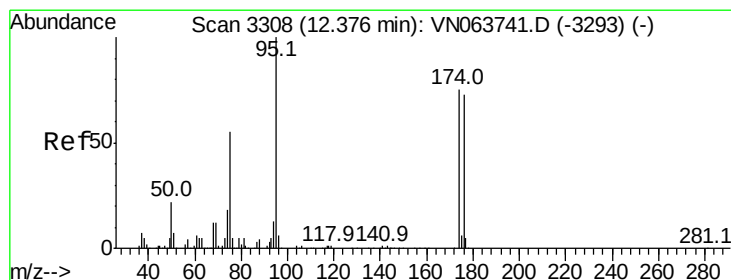
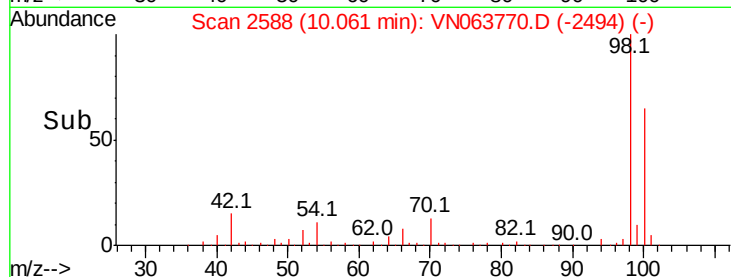
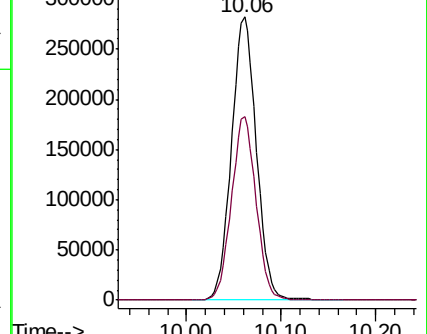
98 100

100 63.9 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 50.722 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063770.D

Acq: 1 Oct 2020 14:34

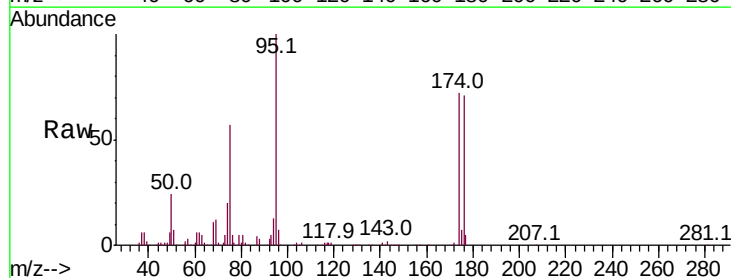
Tgt Ion: 95 Resp: 204452

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

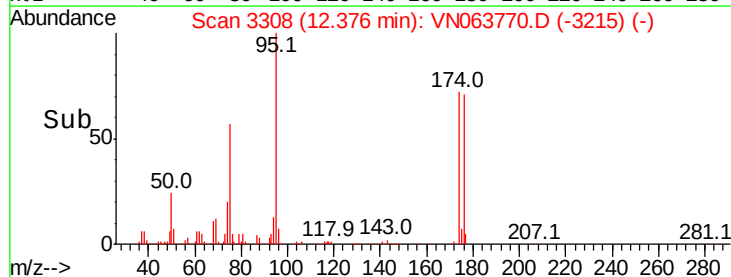
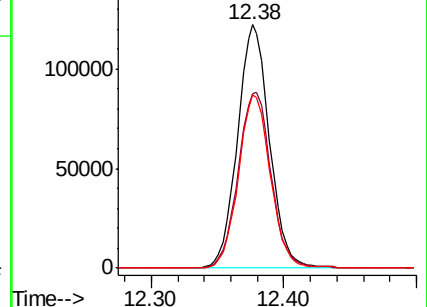
176 71.0 0.0 145.4

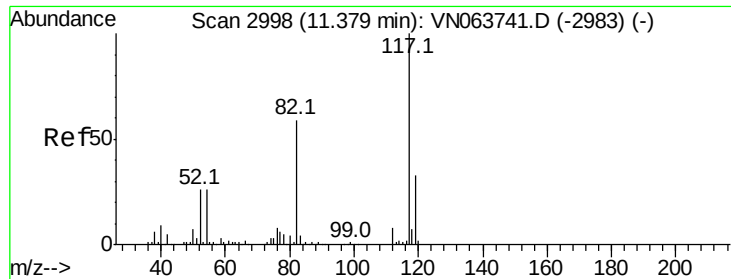


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

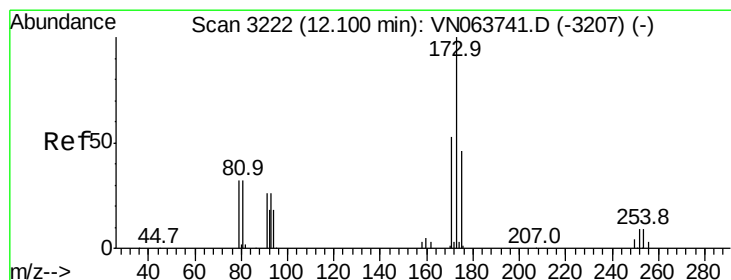
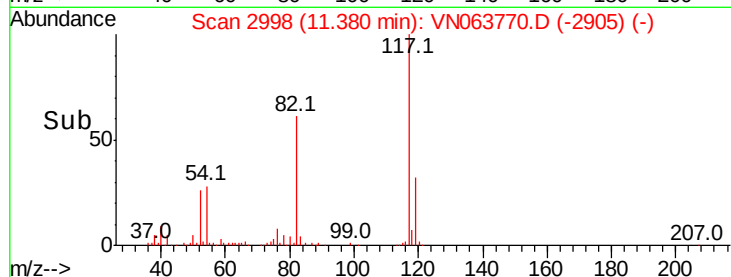
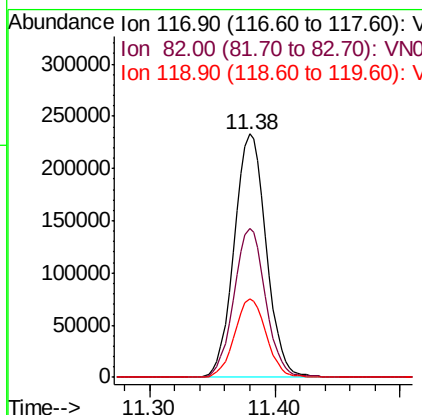
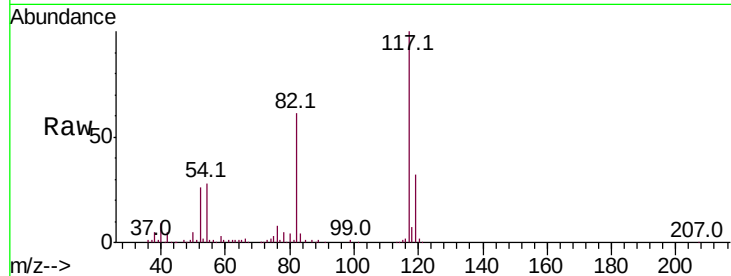




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

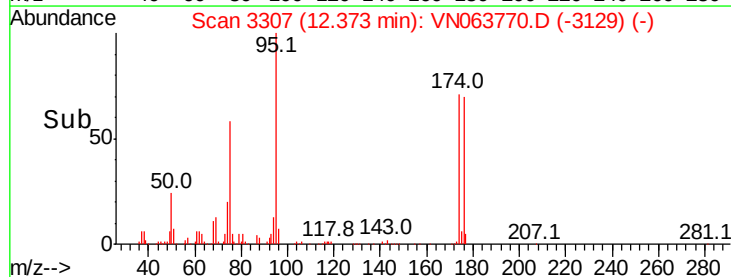
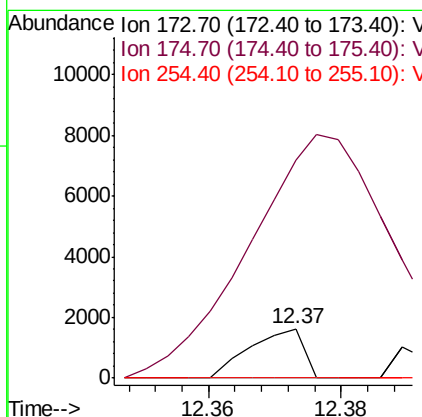
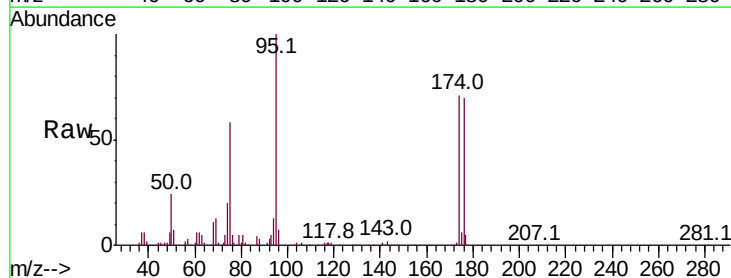
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MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

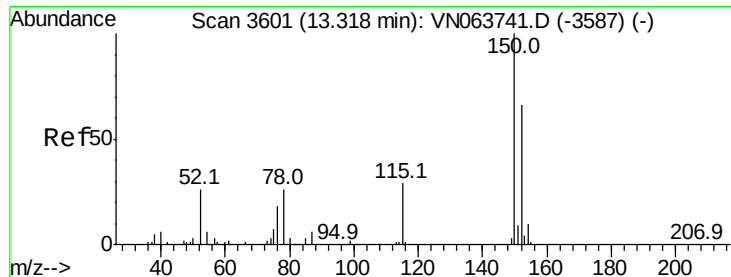
Tot Ion:117 Resp: 412969
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.3 26.4 39.6



#71
Bromoform
Concen: 0.369 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

Tgt Ion:173 Resp: 916
Ion Ratio Lower Upper
173 100
175 1127.6 23.5 70.5#
254 0.0 0.0 0.0

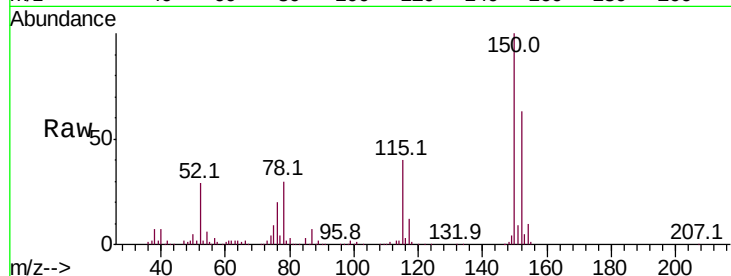




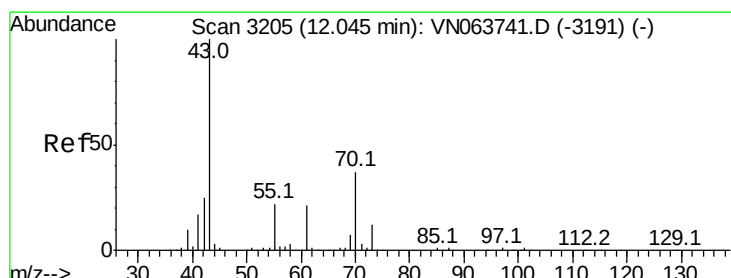
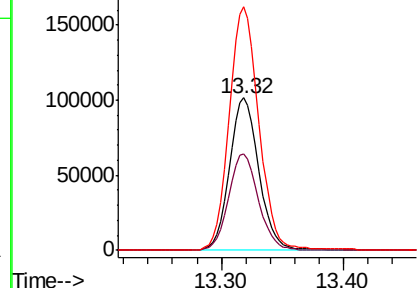
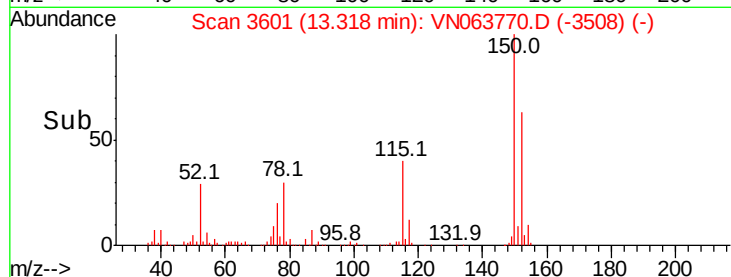
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN063770.D
 Acq: 1 Oct 2020 14:34

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

Tot Ion:152 Resp: 171298
 Ion Ratio Lower Upper
 152 100
 115 64.5 31.3 93.8
 150 161.1 0.0 341.8

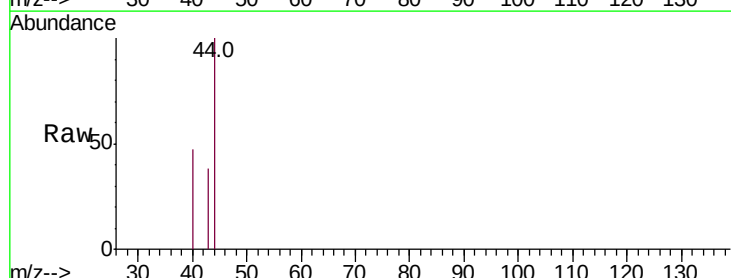


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

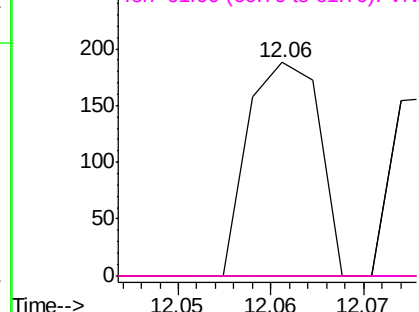
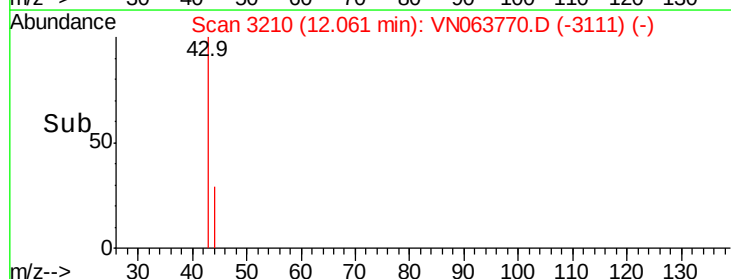


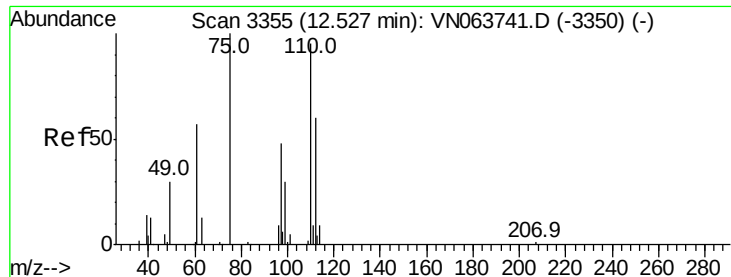
#74
 N-ethyl acetate
 Concen: 2.232 ug/l
 RT: 12.06 min Scan# 3210
 Delta R.T. 0.02 min
 Lab File: VN063770.D
 Acq: 1 Oct 2020 14:34

Tgt Ion: 43 Resp: 100
 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: 31.336 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063770.D

Acq: 1 Oct 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

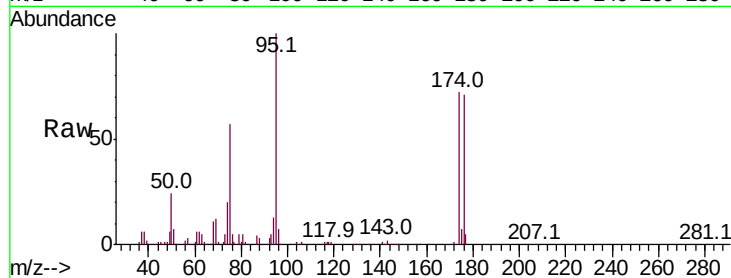
STORAGE-BLANK-WATER-REF-5

Tot Ion: 75 Resp: 118326

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

80000

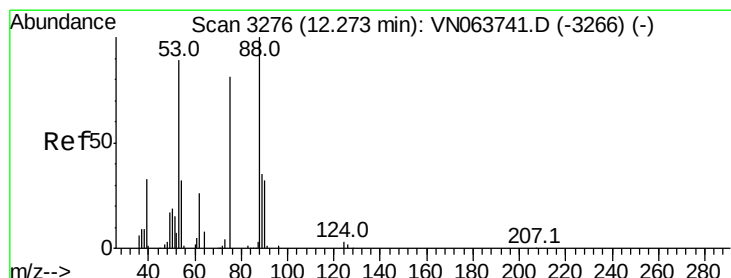
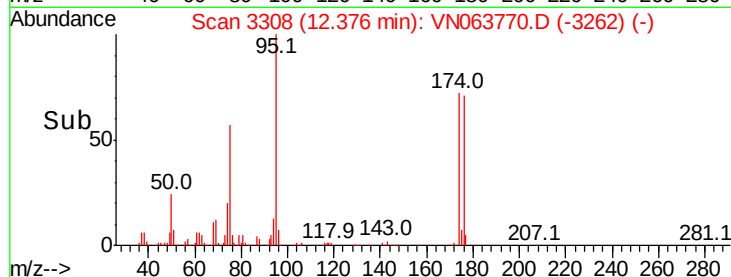
60000

40000

20000

0

Time--> 12.30 12.40



#81

trans-1,4-Dichloro-2-butene

Concen: 90.252 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063770.D

Acq: 1 Oct 2020 14:34

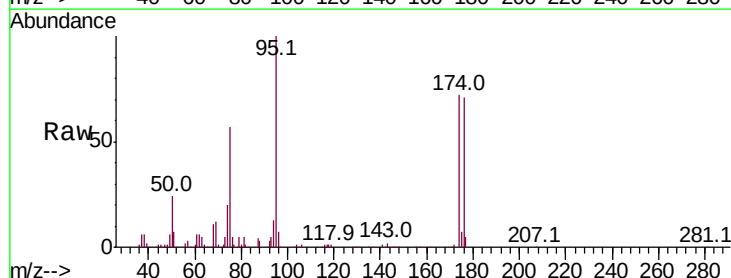
Tgt Ion: 75 Resp: 118326

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

89 0.0 36.0 54.0#



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

12.38

80000

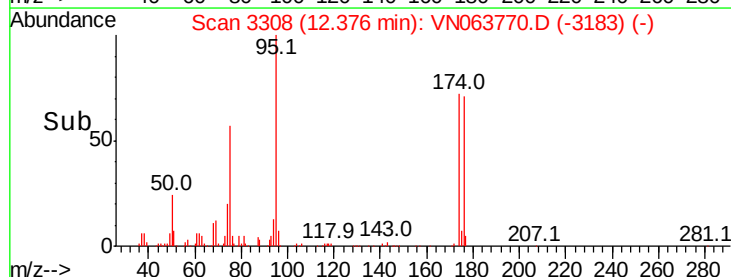
60000

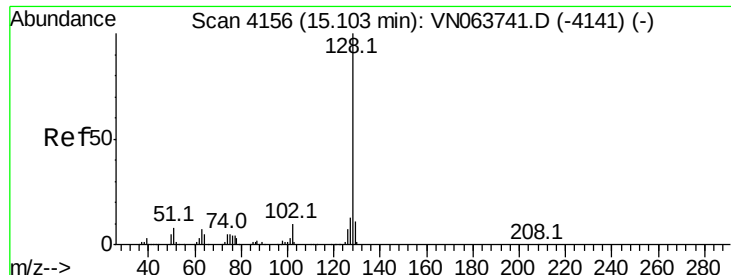
40000

20000

0

Time--> 12.30 12.40





#95
Naphthalene
Concen: 2.024 ug/l
RT: 15.12 min Scan# 4161
Delta R.T. 0.02 min
Lab File: VN063770.D
Acq: 1 Oct 2020 14:34

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

Tot Ion:128 Resp: 954
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

