

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063953.D
 Acq On : 7 Oct 2020 19:19
 Operator : JC/MD
 Sample : L4253-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Oct 08 05:04:12 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	251057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	463622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191886	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	212411	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
35) Dibromofluoromethane	7.55	113	152728	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	10.06	98	571118	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.38	95	227959	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	

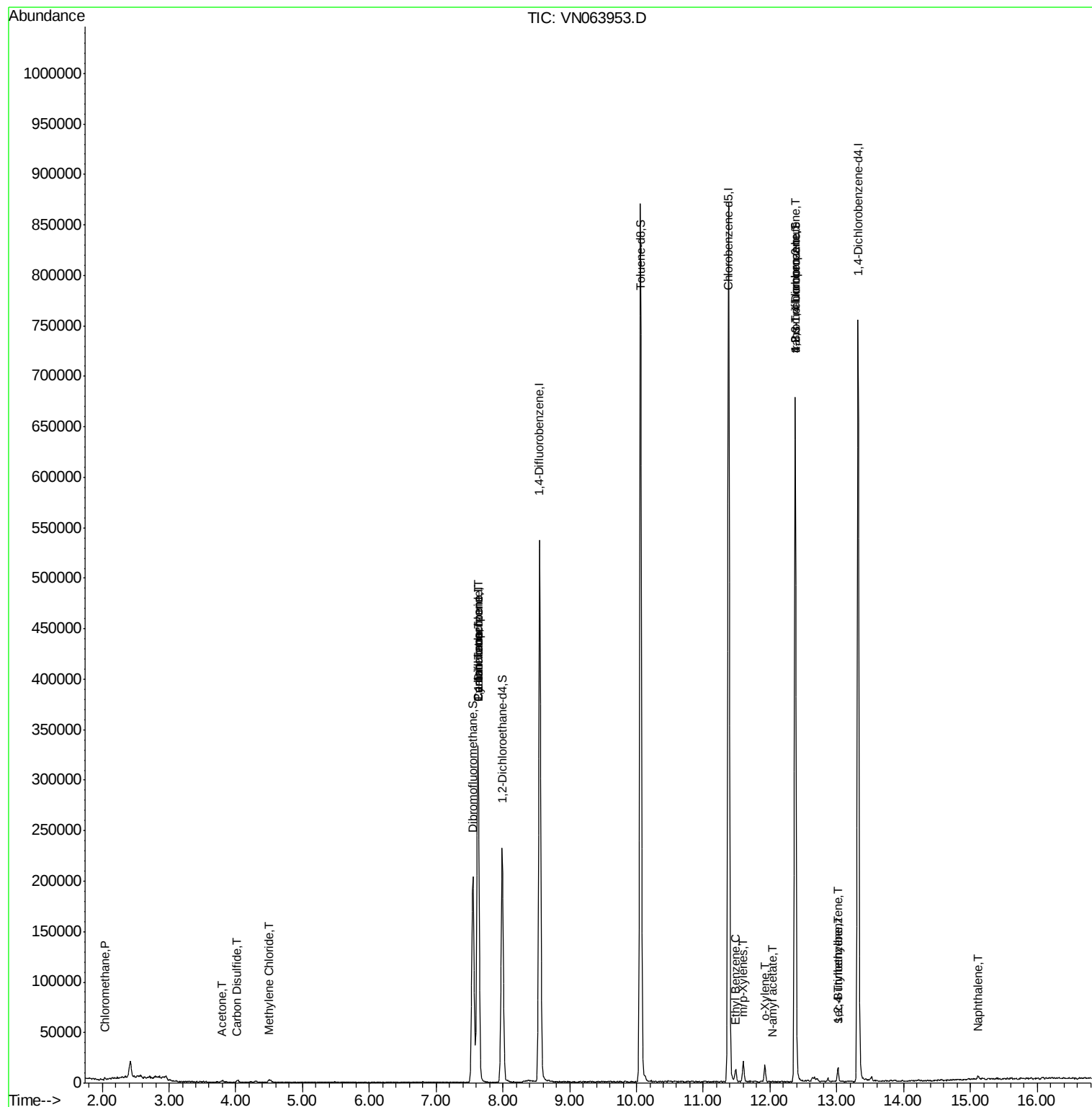
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1337	0.430	ug/l	100
16) Acetone	3.79	43	1918	1.502	ug/l #	80
17) Carbon Disulfide	4.01	76	589	0.786	ug/l #	76
20) Methylene Chloride	4.50	84	882	0.399	ug/l #	85
31) Cyclohexane	7.62	56	6873	1.427	ug/l #	24
36) 1,1-Dichloropropene	7.62	75	21642	4.744	ug/l #	52
38) Carbon Tetrachloride	7.63	117	28178	5.508	ug/l #	13
67) Ethyl Benzene	11.49	91	8223	0.475	ug/l	92
68) m/p-Xylenes	11.60	106	5990	0.929	ug/l	98
69) o-Xylene	11.92	106	3822	0.634	ug/l	75
74) N-amyl acetate	12.05	43	587	2.302	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	124835	29.512	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	124835	85.000	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.02	105	7748	0.661	ug/l	98
85) sec-Butylbenzene	13.02	105	7748	0.614	ug/l #	58
95) Naphthalene	15.11	128	3896	2.286	ug/l #	76

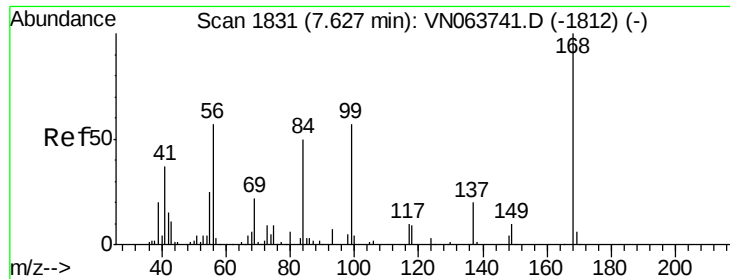
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063953.D
Acq On : 7 Oct 2020 19:19
Operator : JC/MD
Sample : L4253-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Oct 08 05:04:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
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: VN063953.D

Acq: 7 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

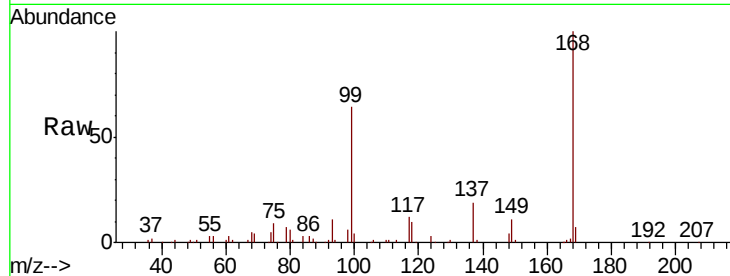
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 251057

Ion Ratio Lower Upper

168 100

99 64.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

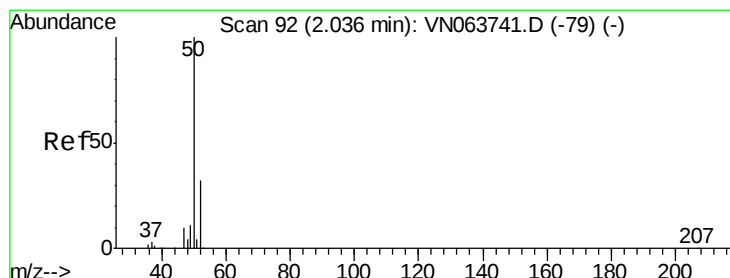
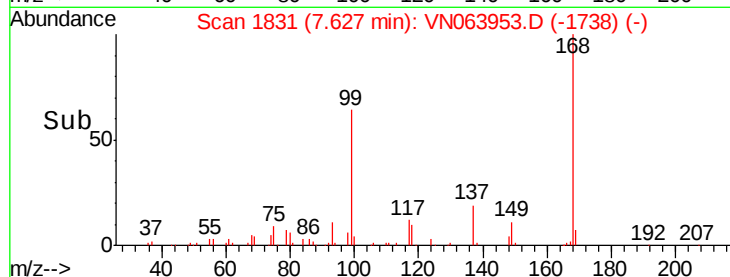
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.430 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063953.D

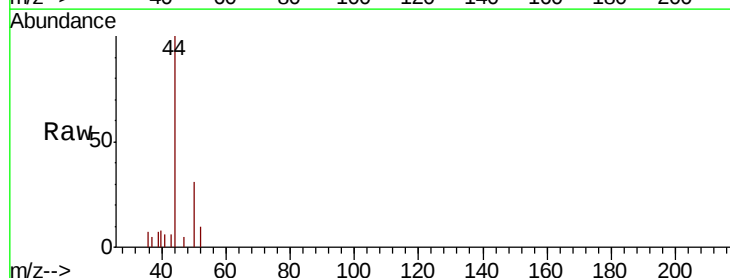
Acq: 7 Oct 2020 19:19

Tgt Ion: 50 Resp: 1337

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

1000

800

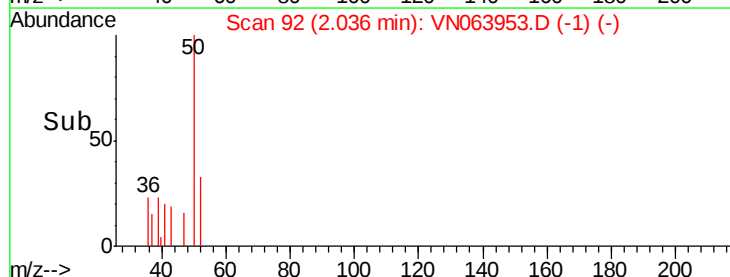
600

400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08





#16

Acetone

Concen: 1.502 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063953.D

Acq: 7 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

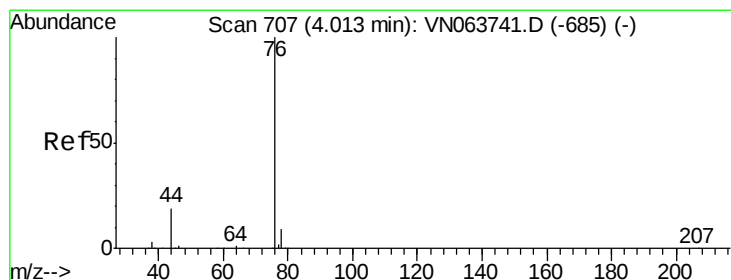
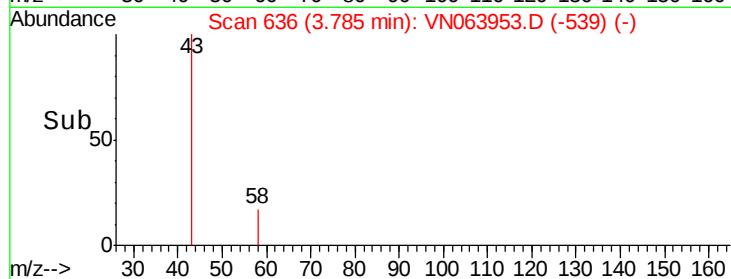
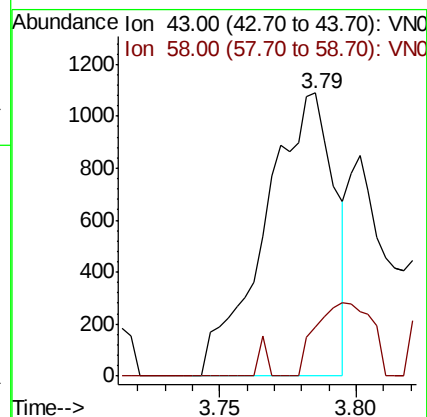
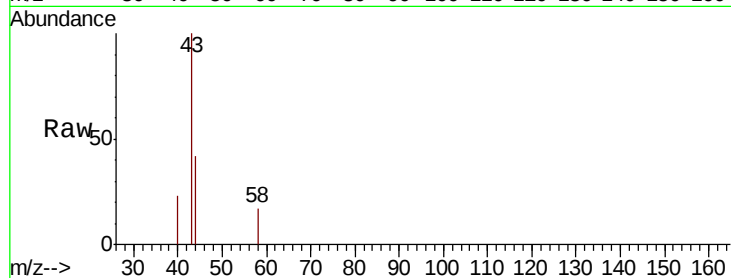
STORAGE-BLANK-WATER-REF-5

Tot Ion: 43 Resp: 1918

Ion Ratio Lower Upper

43 100

58 17.4 22.3 33.5#



#17

Carbon Disulfide

Concen: 0.786 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063953.D

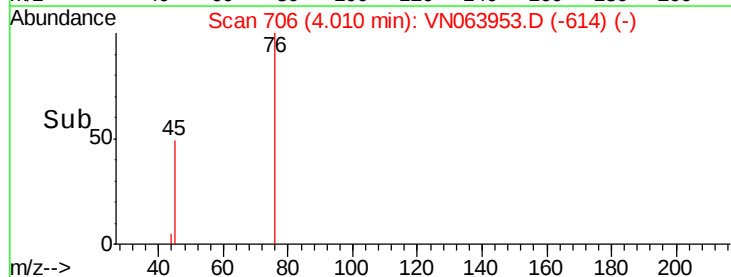
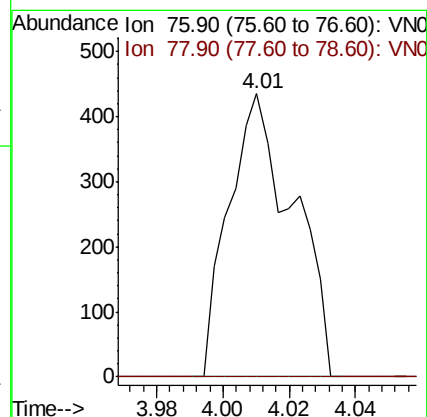
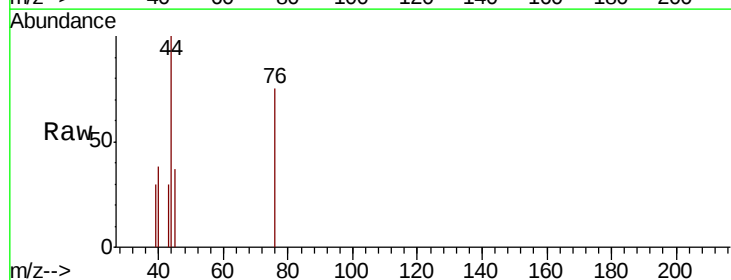
Acq: 7 Oct 2020 19:19

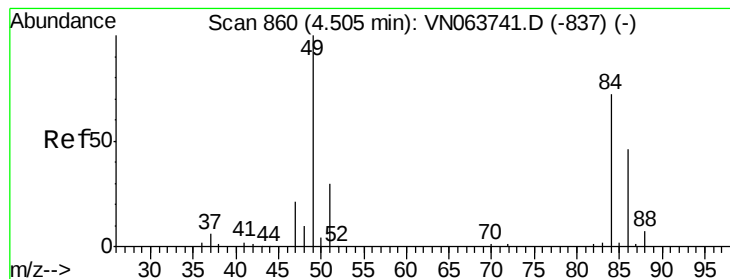
Tgt Ion: 76 Resp: 589

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#





#20

Methvlene Chloride

Concen: 0.399 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063953.D

Acq: 7 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tot Ion: 84 Resp: 882

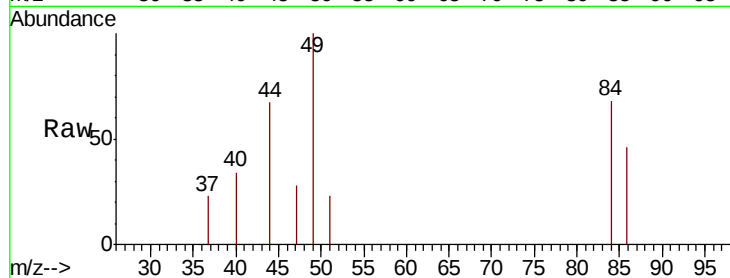
Ion Ratio Lower Upper

84 100

49 115.0 110.4 165.6

51 33.2 33.3 49.9#

86 67.9 50.7 76.1

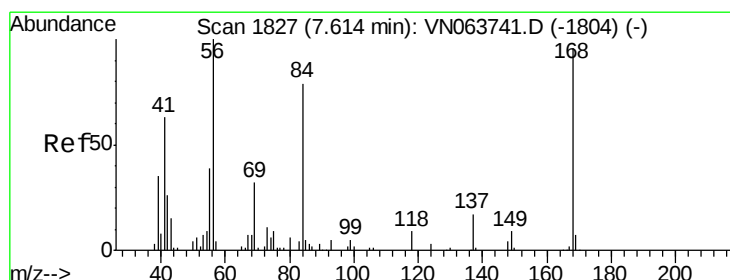
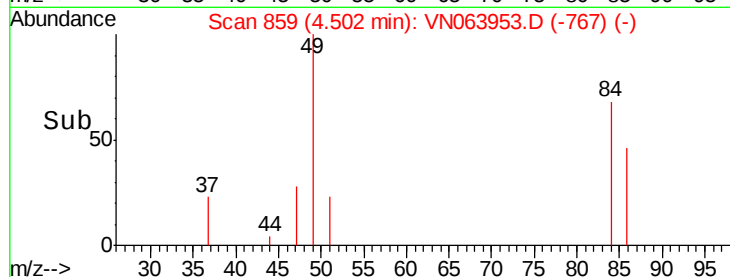
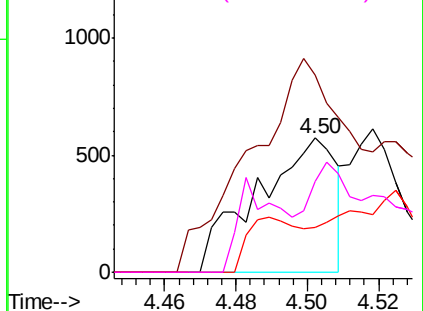


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.427 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063953.D

Acq: 7 Oct 2020 19:19

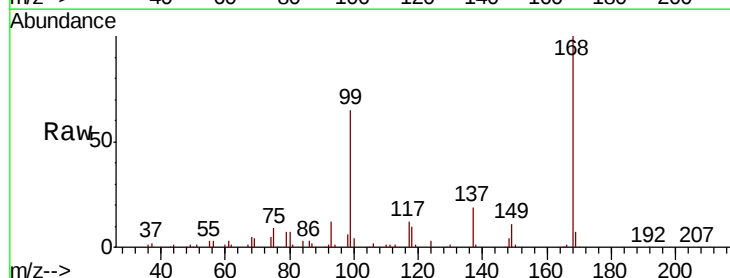
Tgt Ion: 56 Resp: 6873

Ion Ratio Lower Upper

56 100

69 156.6 25.4 38.2#

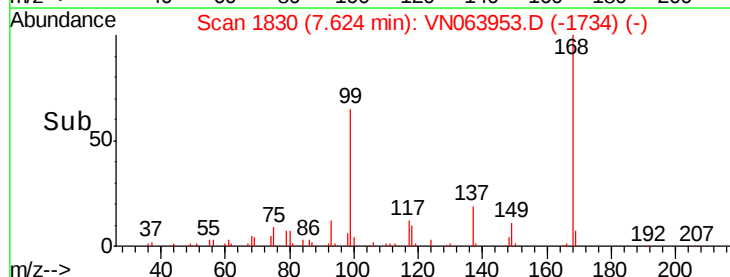
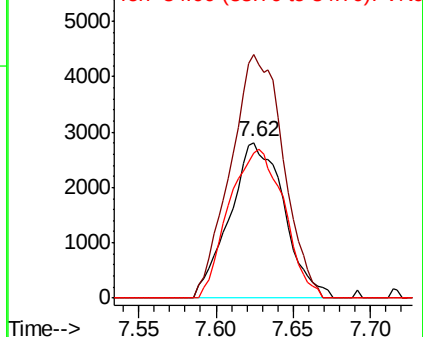
84 93.1 63.3 94.9

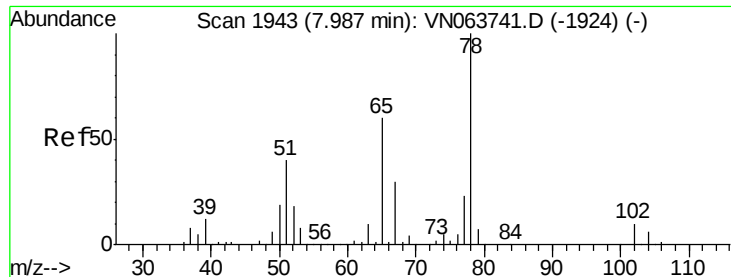


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

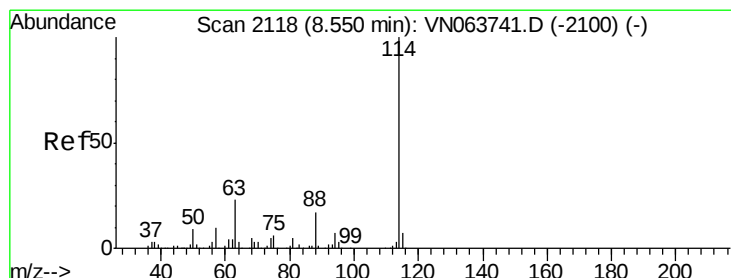
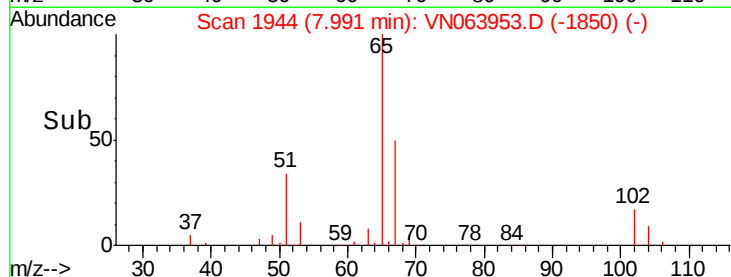
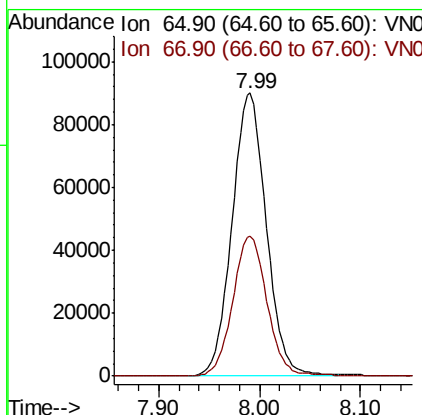
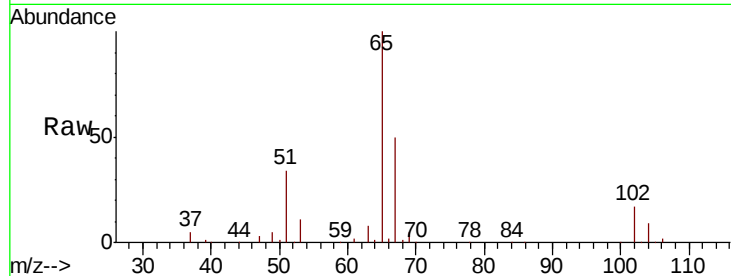




#33
 1,2-Dichloroethane-d4
 Concen: 51.213 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063953.D
 Acq: 7 Oct 2020 19:19

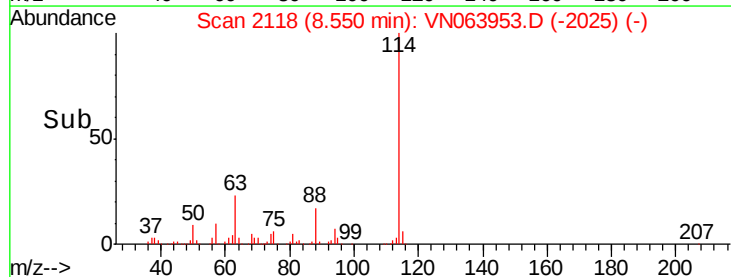
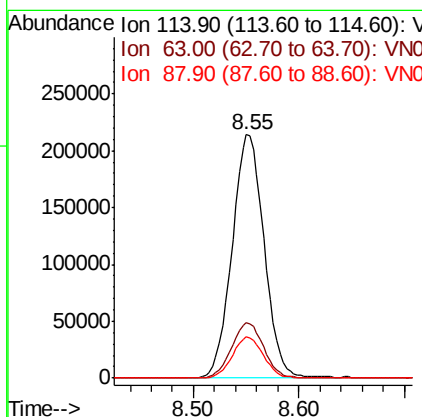
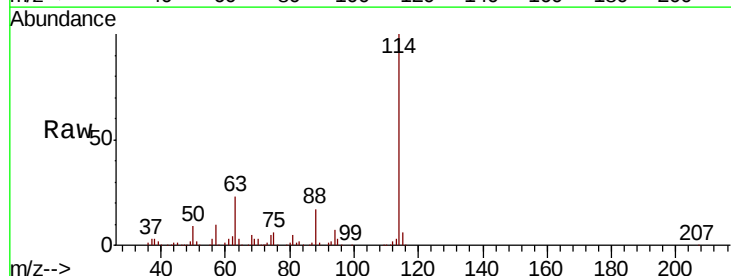
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

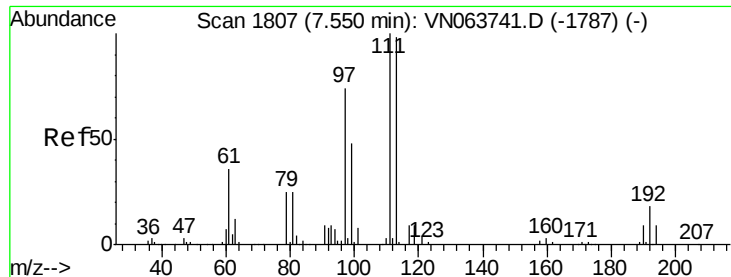
Tot Ion: 65 Resp: 212411
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063953.D
 Acq: 7 Oct 2020 19:19

Tgt Ion: 114 Resp: 450340
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 16.9 0.0 34.0

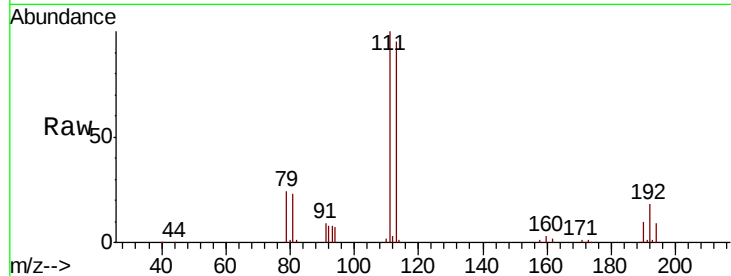




#35
Dibromofluoromethane
Concen: 48.876 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063953.D
Acq: 7 Oct 2020 19:19

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	17.9	14.2	21.2

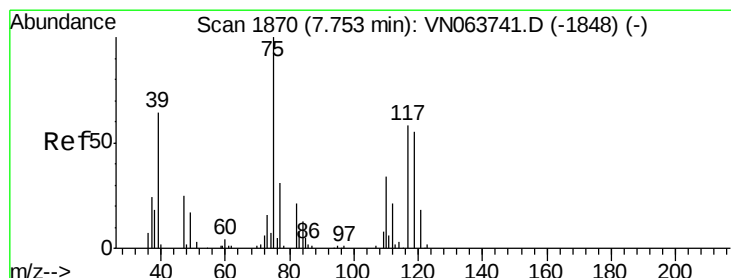
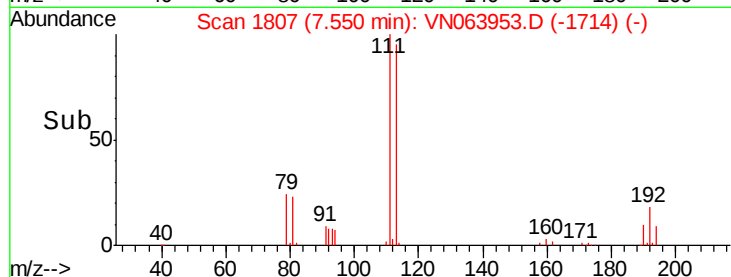
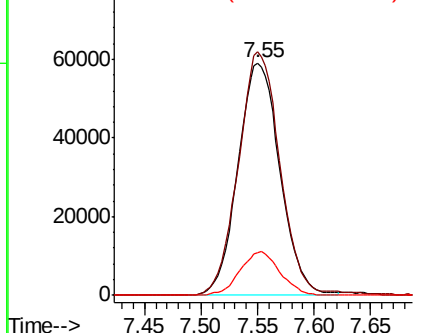


Abundance

Ion 112.80 (112.50 to 113.50): V

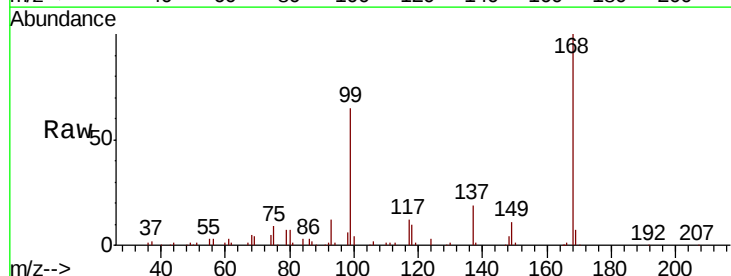
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063953.D
Acq: 7 Oct 2020 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	16.9	50.6#
77	0.0	24.5	36.7#

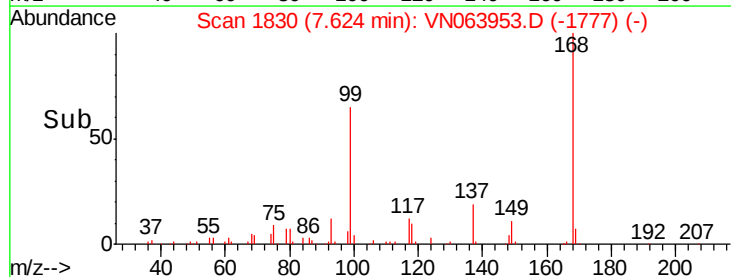
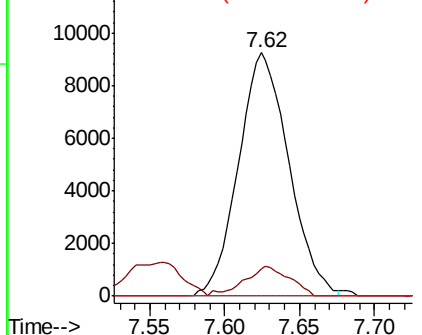


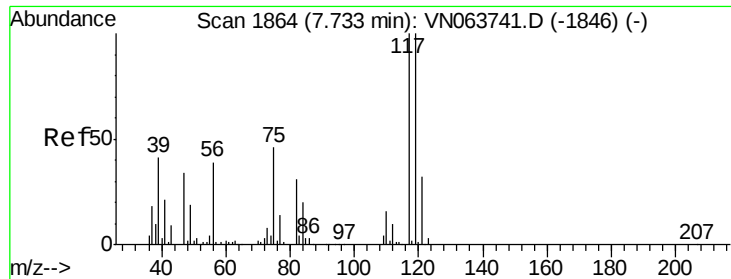
Abundance

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: 5.508 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063953.D

Acq: 7 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

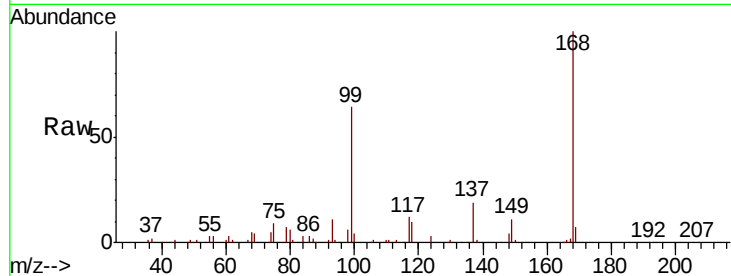
Tot Ion:117 Resp: 28178

Ion Ratio Lower Upper

117 100

119 4.2 80.1 120.1#

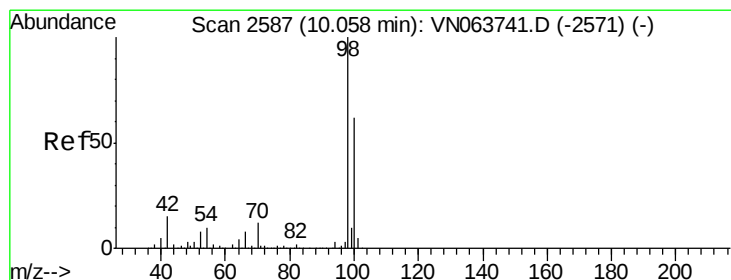
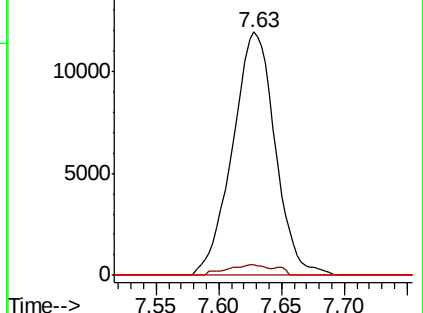
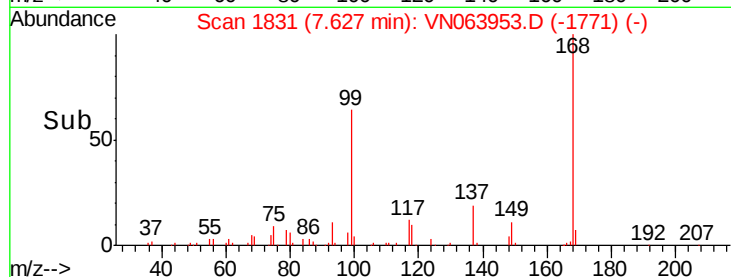
121 0.0 25.7 38.5#



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: 48.213 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063953.D

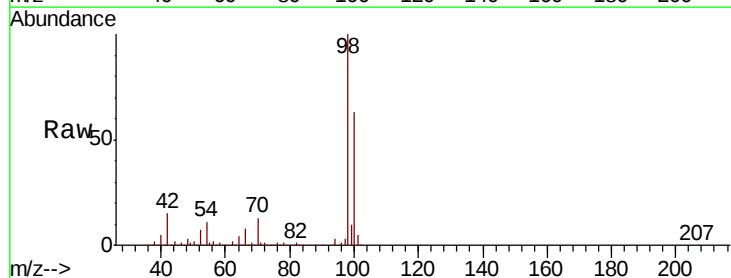
Acq: 7 Oct 2020 19:19

Tgt Ion: 98 Resp: 571118

Ion Ratio Lower Upper

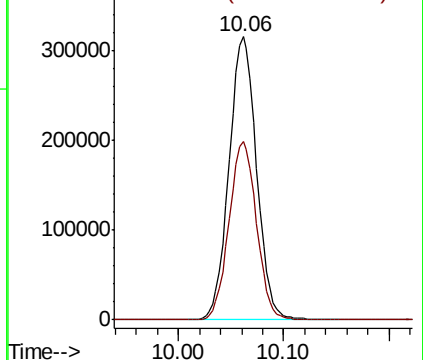
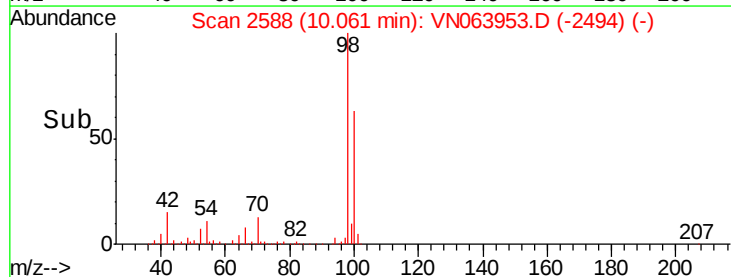
98 100

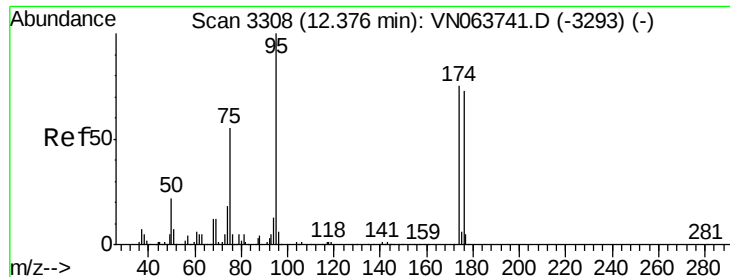
100 63.0 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

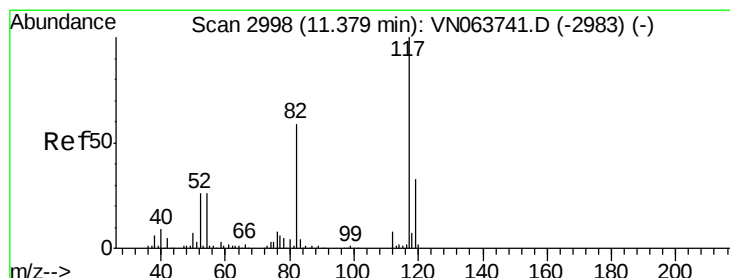
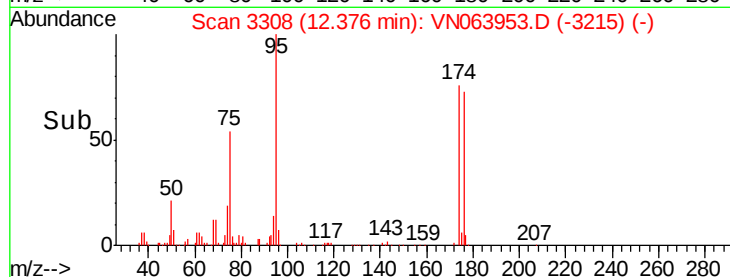
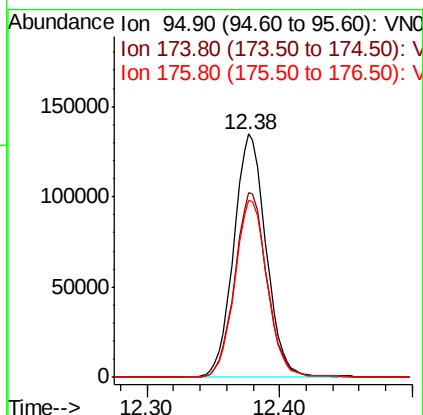
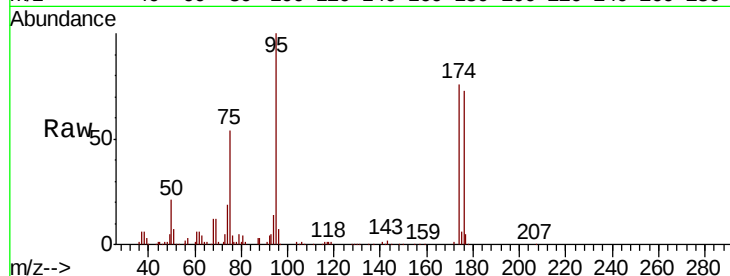




#62
4-Bromofluorobenzene
Concen: 51.193 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063953.D
Acq: 7 Oct 2020 19:19

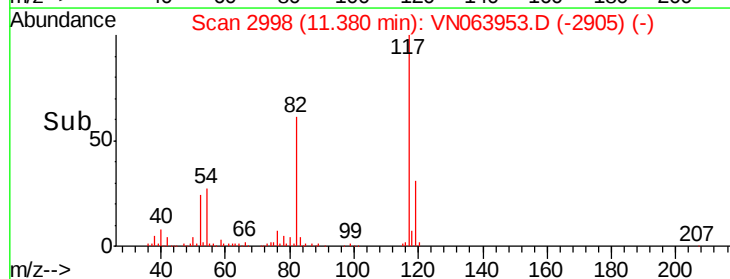
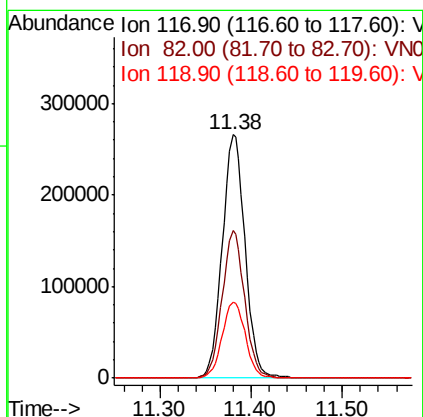
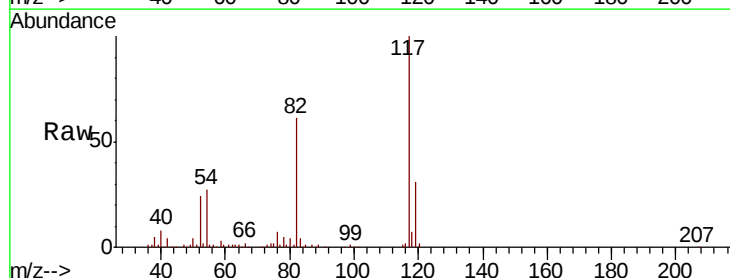
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

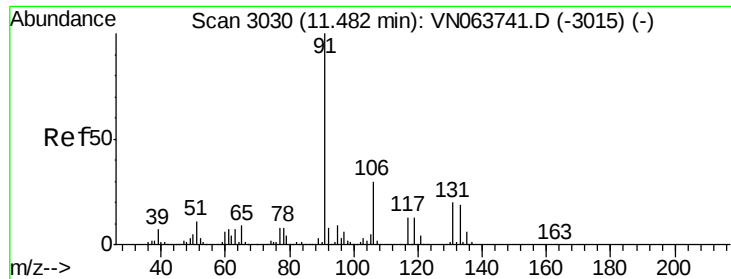
Tot Ion: 95 Resp: 227959
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.6
176 73.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063953.D
Acq: 7 Oct 2020 19:19

Tgt Ion: 117 Resp: 463622
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 31.3 26.4 39.6

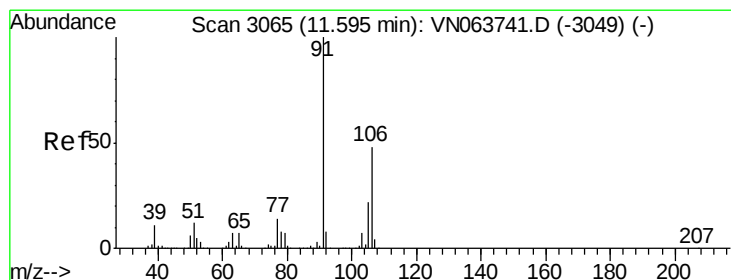
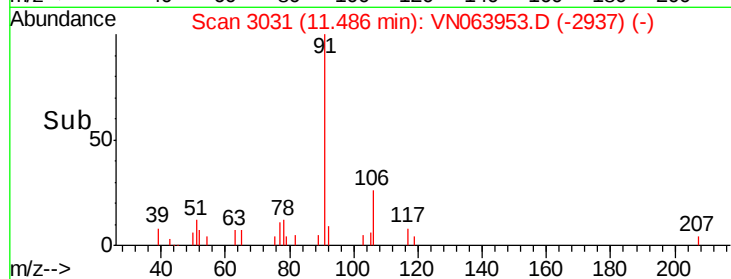
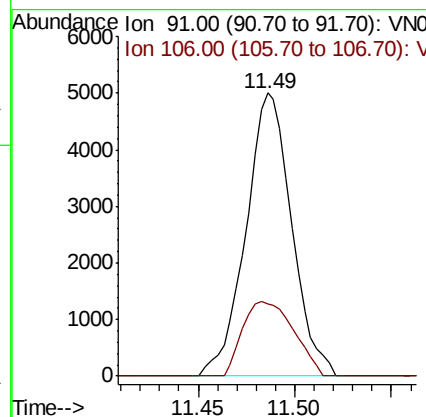
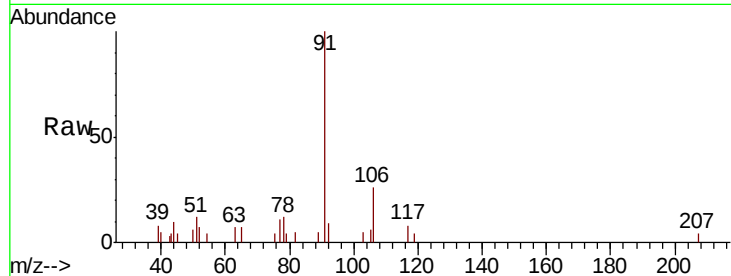




#67
Ethyl Benzene
Concen: 0.475 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063953.D
Acq: 7 Oct 2020 19:19

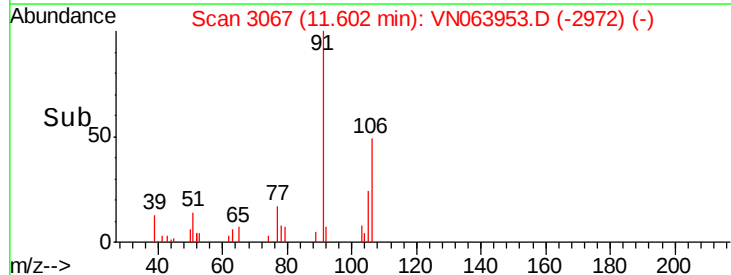
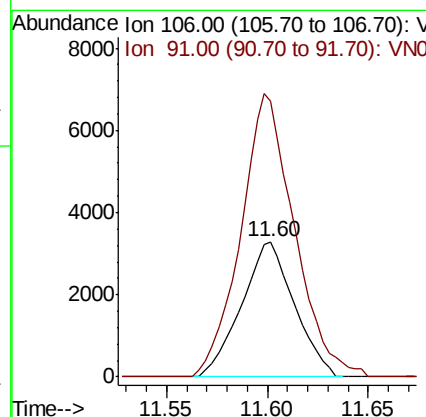
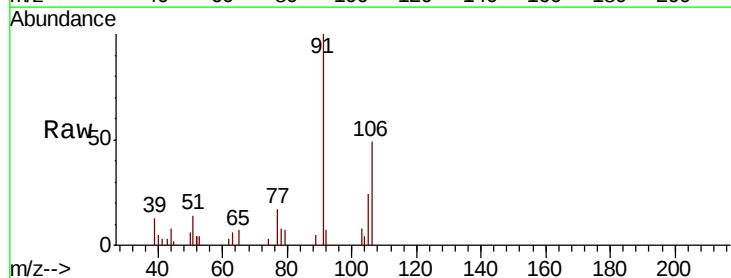
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

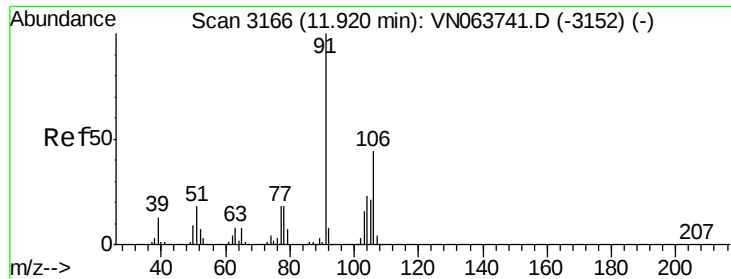
Tot Ion: 91 Resp: 8223
Ion Ratio Lower Upper
91 100
106 25.7 24.2 36.2



#68
m/p-Xylenes
Concen: 0.929 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN063953.D
Acq: 7 Oct 2020 19:19

Tgt Ion: 106 Resp: 5990
Ion Ratio Lower Upper
106 100
91 213.5 168.0 252.0

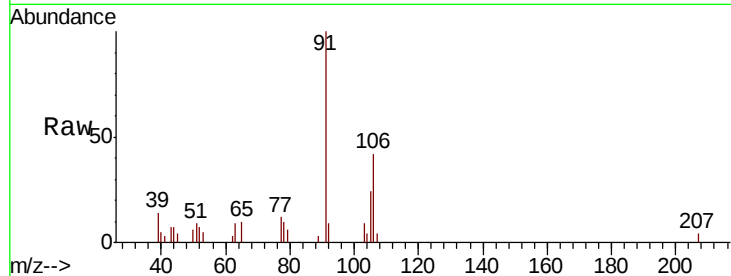




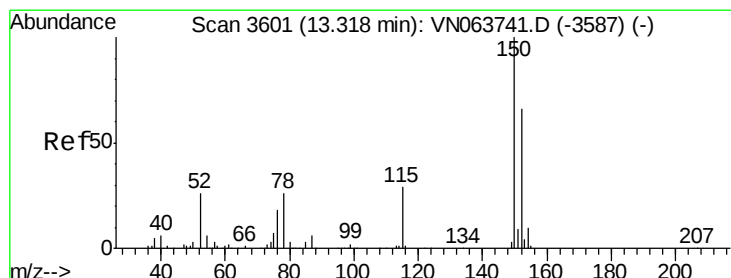
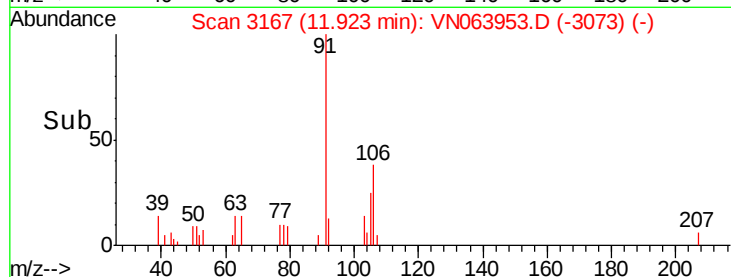
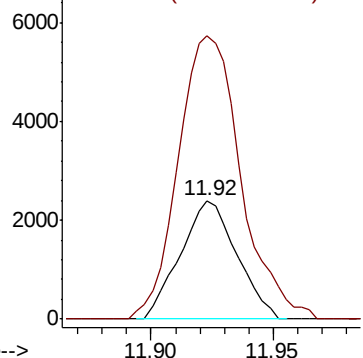
#69
o-Xylene
Concen: 0.634 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063953.D
Acq: 7 Oct 2020 19:19

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

Tot Ion:106 Resp: 3822
Ion Ratio Lower Upper
106 100
91 266.8 112.7 338.0

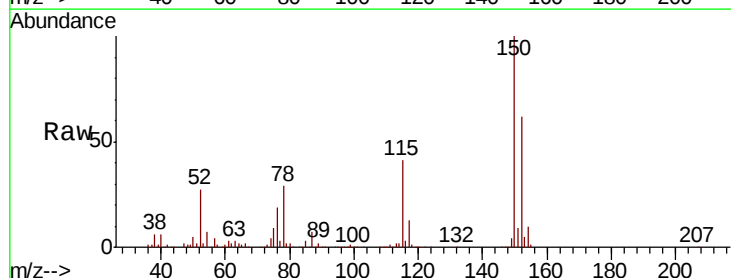


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

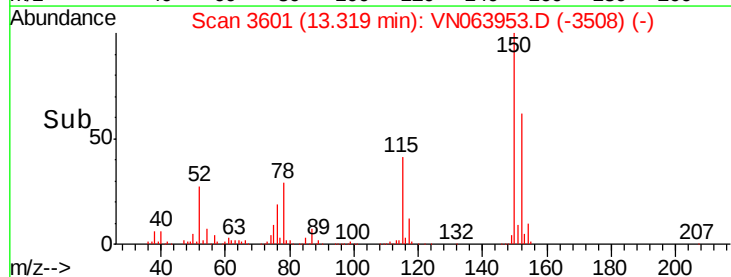
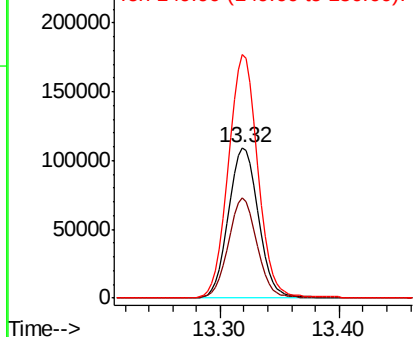


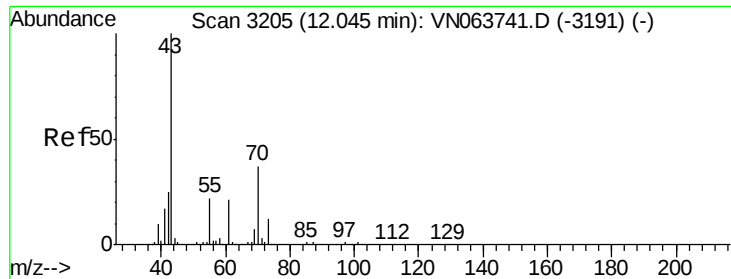
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063953.D
Acq: 7 Oct 2020 19:19

Tgt Ion:152 Resp: 191886
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.8
150 159.5 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-amyl acetate

Concen: 2.302 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063953.D

Acq: 7 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tot Ion: 43 Resp: 587

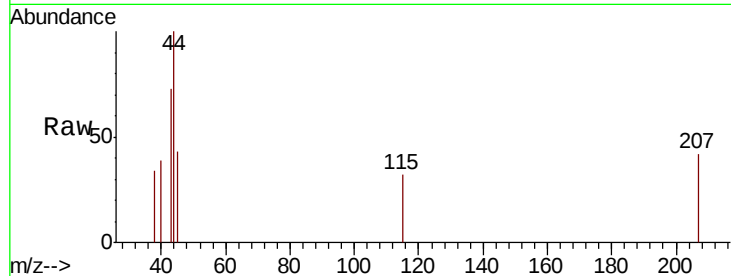
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#



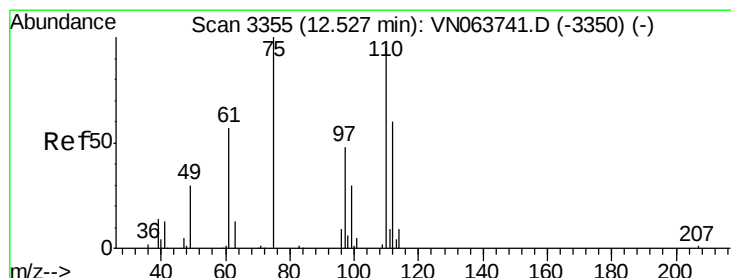
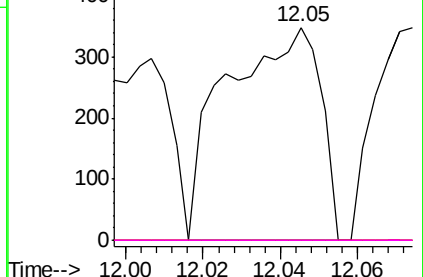
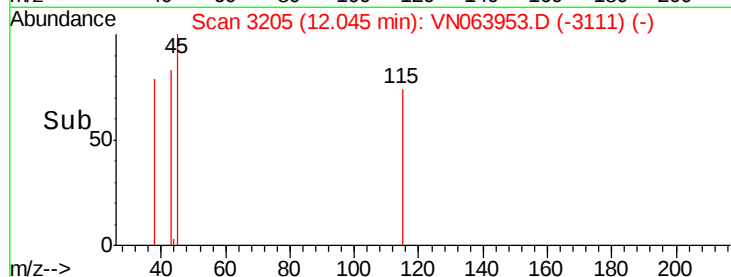
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Time-->



#76

1,2,3-Trichloropropane

Concen: 29.512 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063953.D

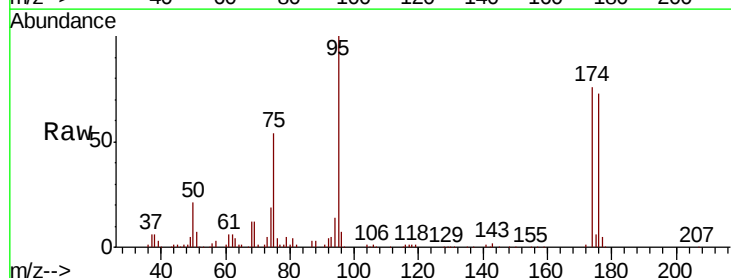
Acq: 7 Oct 2020 19:19

Tgt Ion: 75 Resp: 124835

Ion Ratio Lower Upper

75 100

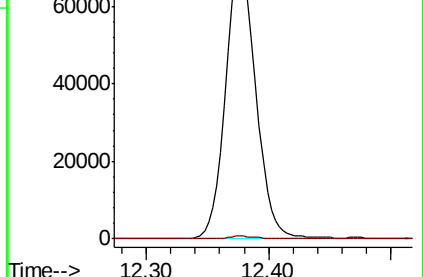
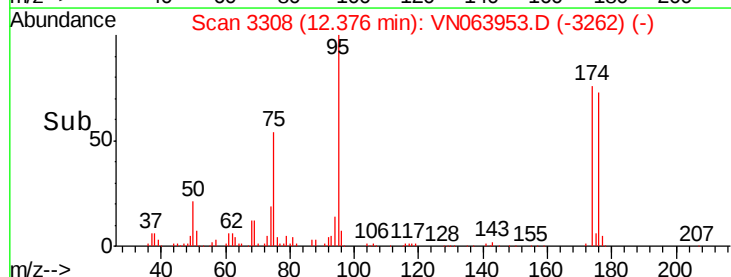
77 1.0 0.0 0.0#

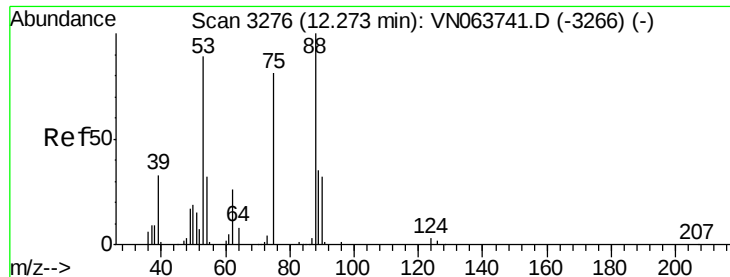


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 85.000 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063953.D

Acq: 7 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

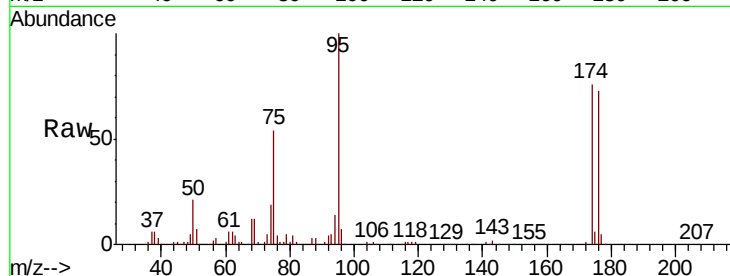
Tot Ion: 75 Resp: 124835

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

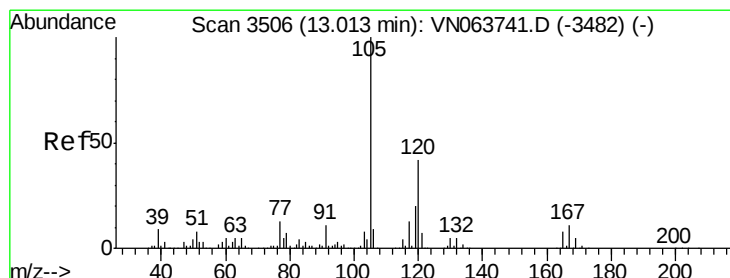
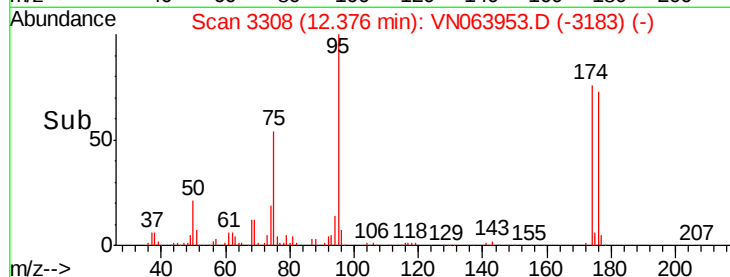
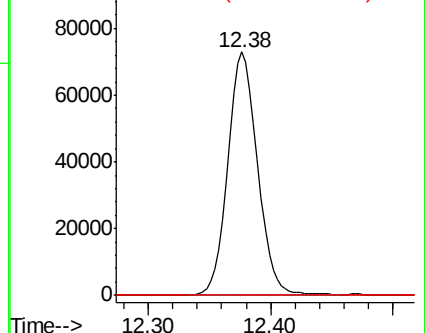
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063953.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN063953.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN063953.D (-3183) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.661 ug/l

RT: 13.02 min Scan# 3508

Delta R.T. 0.01 min

Lab File: VN063953.D

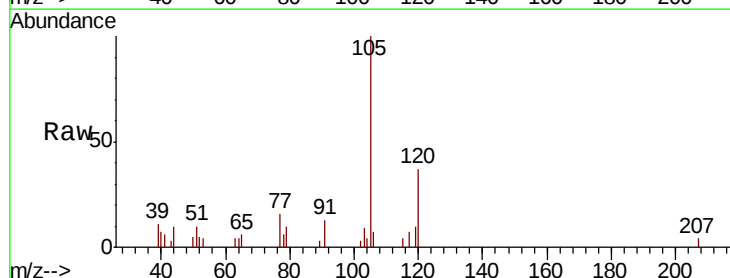
Acq: 7 Oct 2020 19:19

Tgt Ion: 105 Resp: 7748

Ion Ratio Lower Upper

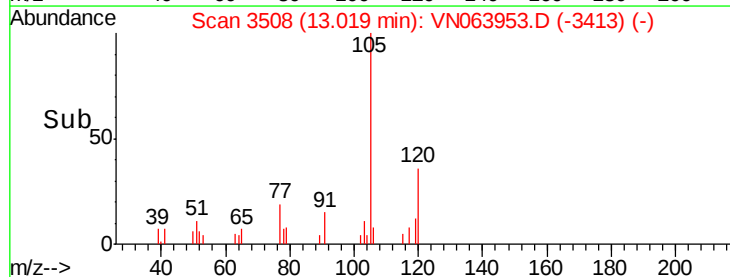
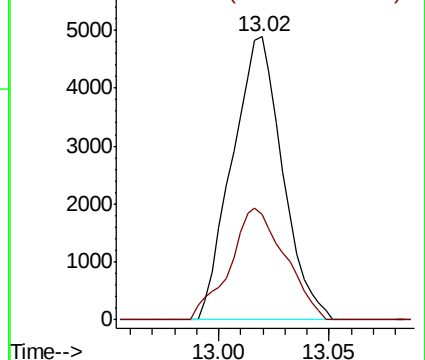
105 100

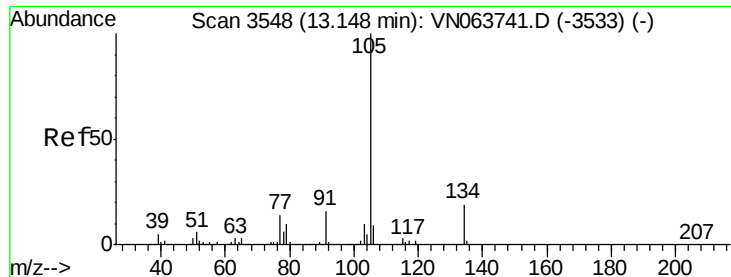
120 43.1 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): VN063953.D (-3413) (-)

Ion 120.00 (119.70 to 120.70): VN063953.D (-3413) (-)

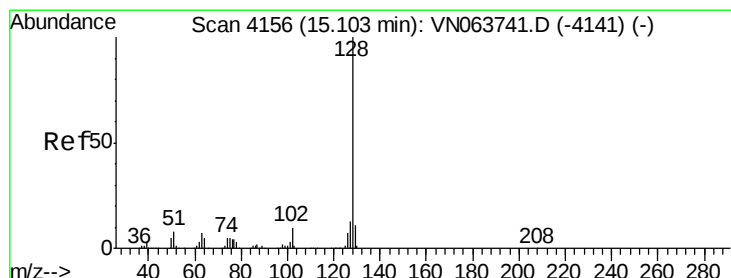
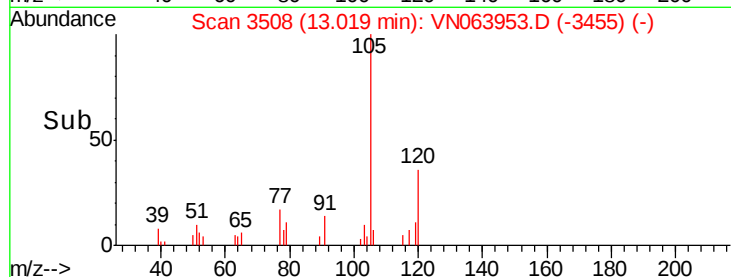
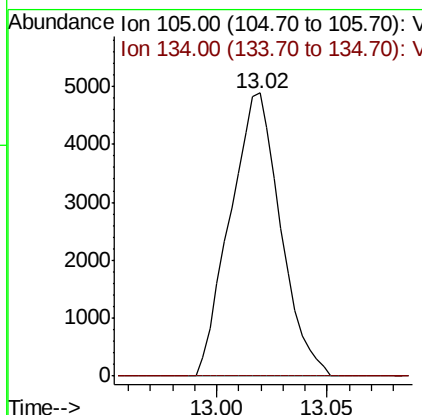
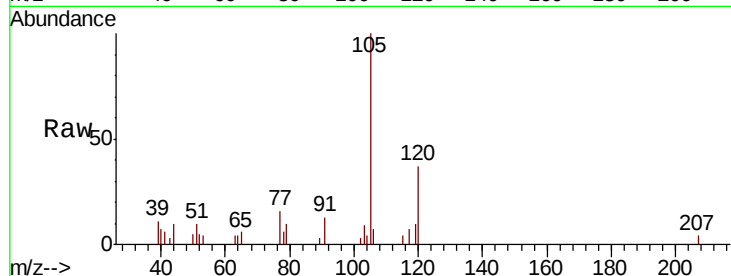




#85
 sec-Butylbenzene
 Concen: 0.614 ug/l
 RT: 13.02 min Scan# 3508
 Delta R.T. -0.13 min
 Lab File: VN063953.D
 Acq: 7 Oct 2020 19:19

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

Tot Ion:105 Resp: 7748
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#



#95
 Naphthalene
 Concen: 2.286 ug/l
 RT: 15.11 min Scan# 4159
 Delta R.T. 0.01 min
 Lab File: VN063953.D
 Acq: 7 Oct 2020 19:19

Tgt Ion:128 Resp: 3896
 Ion Ratio Lower Upper
 128 100
 127 3.7 10.5 15.7#
 129 1.6 8.7 13.1#

