

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063943.D
 Acq On : 7 Oct 2020 15:19
 Operator : JC/MD
 Sample : L4293-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-DUP-1

Quant Time: Oct 08 05:35:07 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

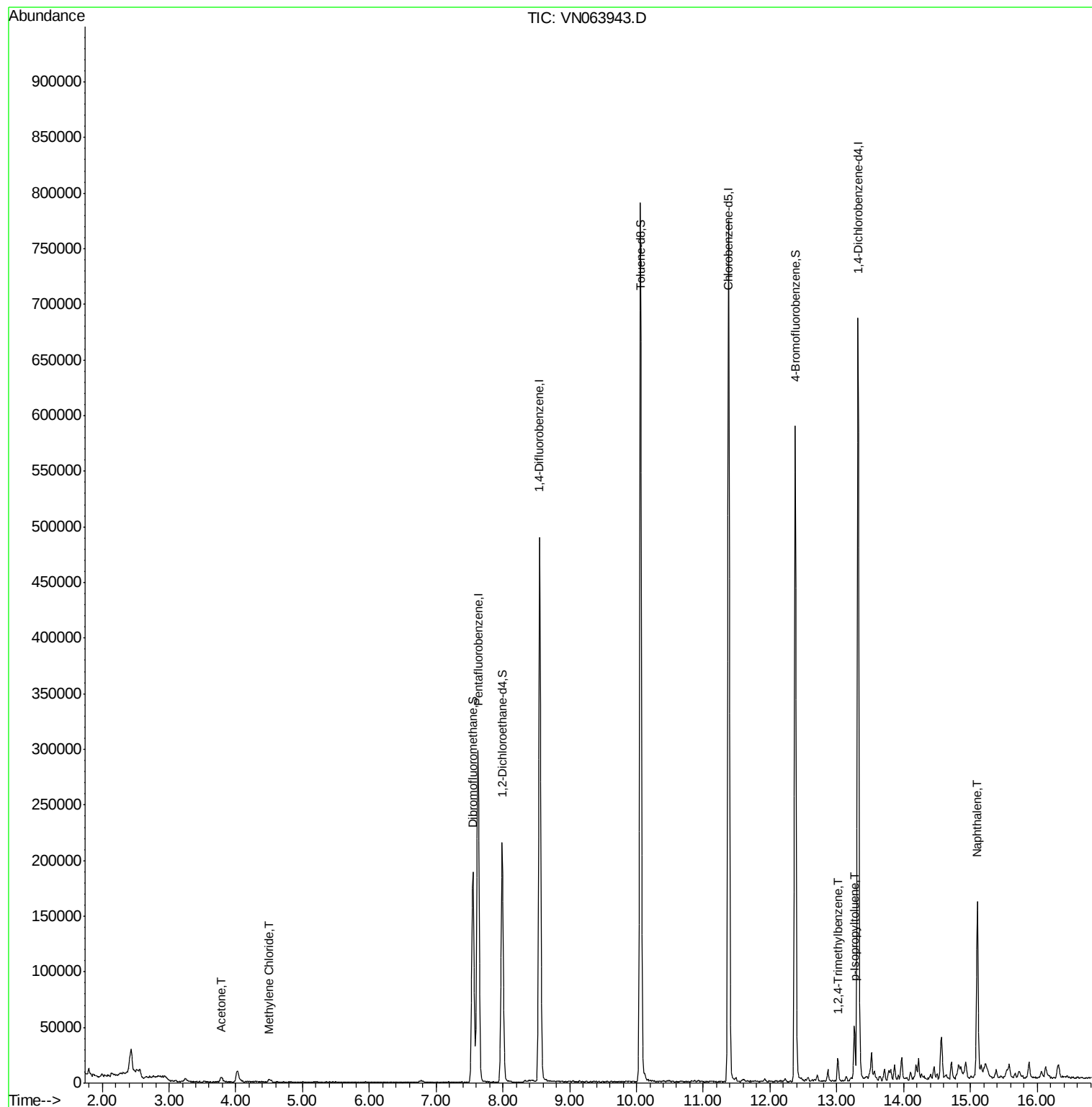
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	224088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	400404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194373	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	7.55	113	140276	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.06	98	516419	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.38	95	196582	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
16) Acetone	3.78	43	6868	6.027	ug/l	92
20) Methylene Chloride	4.50	84	2083	0.894	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.02	105	10325	0.982	ug/l	95
86) p-Isopropyltoluene	13.26	119	26003	2.597	ug/l	98
95) Naphthalene	15.11	128	132852	15.675	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063943.D

Acq: 7 Oct 2020 15:19

Instrument :

MSVOA_N

ClientSampled :

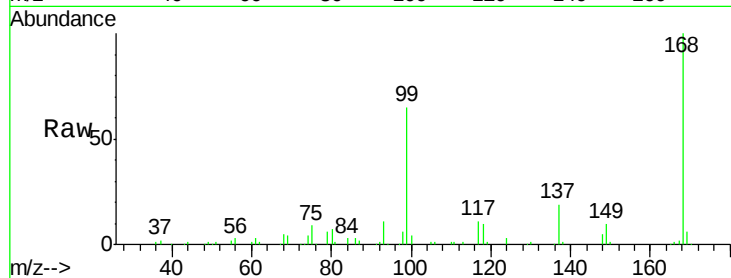
GW-DUP-1

Tot Ion:168 Resp: 224088

Ion Ratio Lower Upper

168 100

99 64.7 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

100000

80000

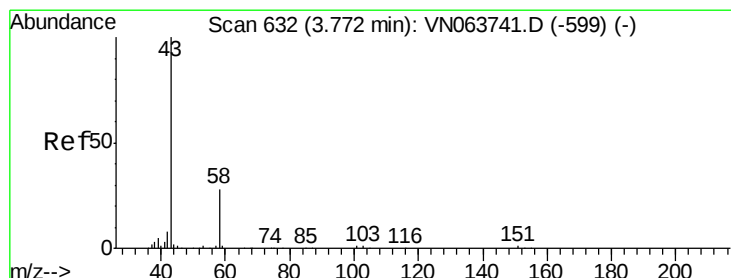
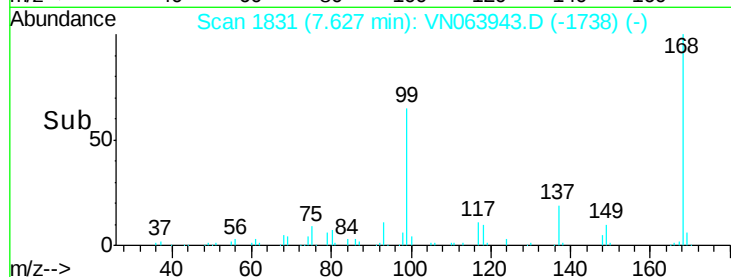
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 6.027 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063943.D

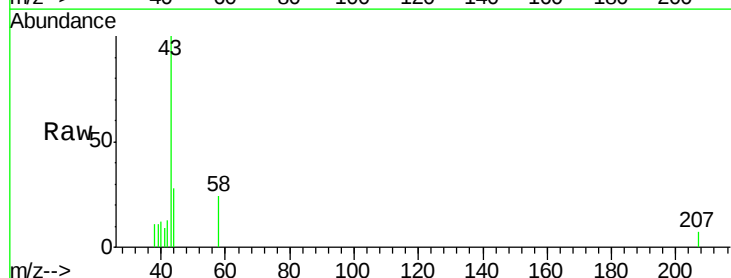
Acq: 7 Oct 2020 15:19

Tgt Ion: 43 Resp: 6868

Ion Ratio Lower Upper

43 100

58 23.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

2500

2000

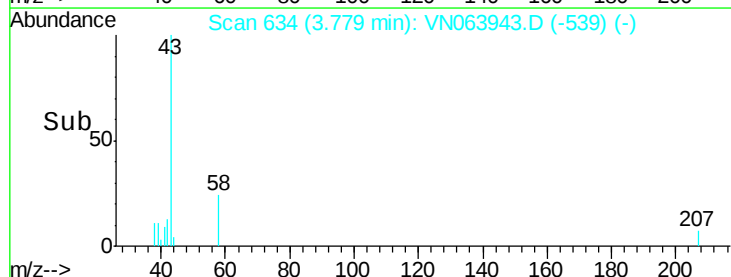
1500

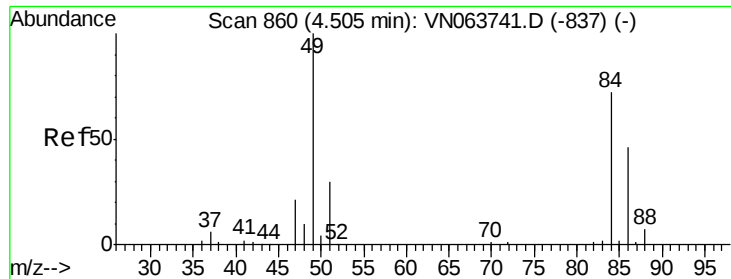
1000

500

0

Time--> 3.70 3.75 3.80 3.85

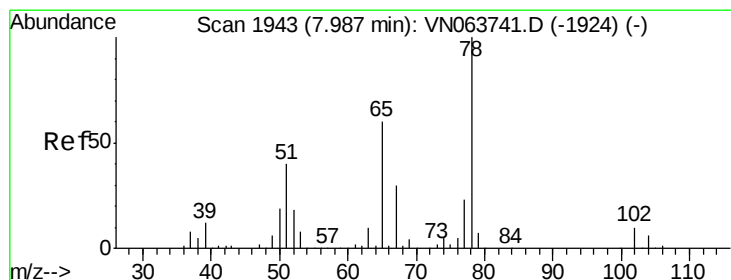
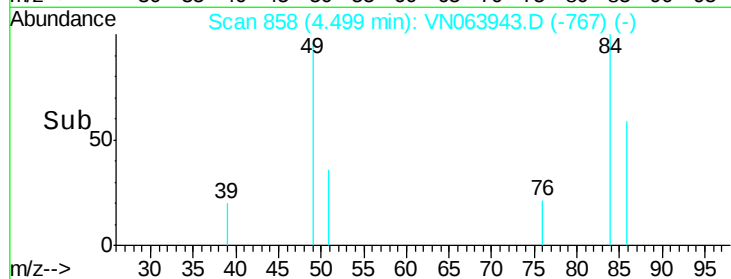
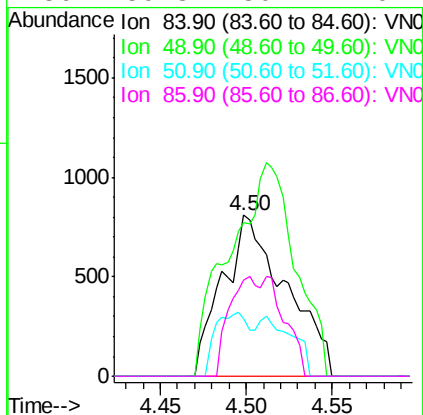
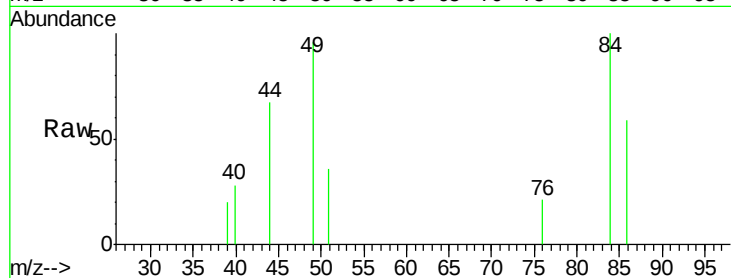




#20
Methvlene Chloride
Concen: 0.894 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063943.D
Acq: 7 Oct 2020 15:19

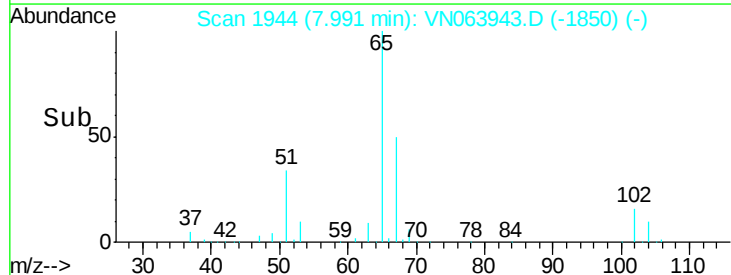
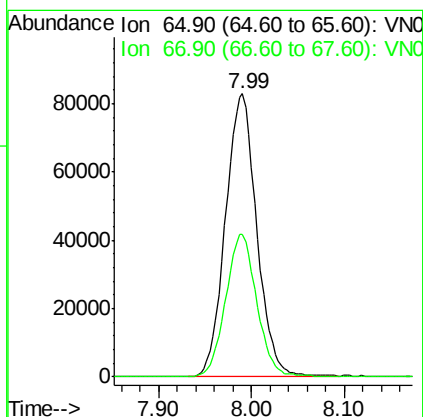
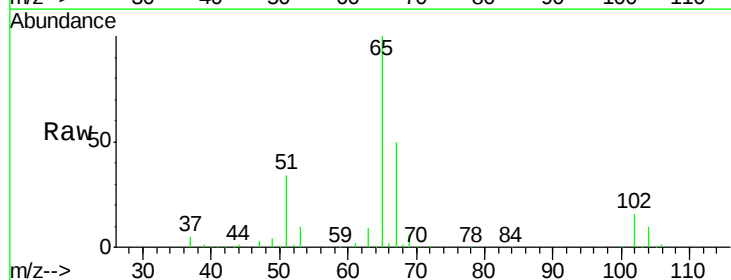
Instrument :
MSVOA_N
ClientSampleId :
GW-DUP-1

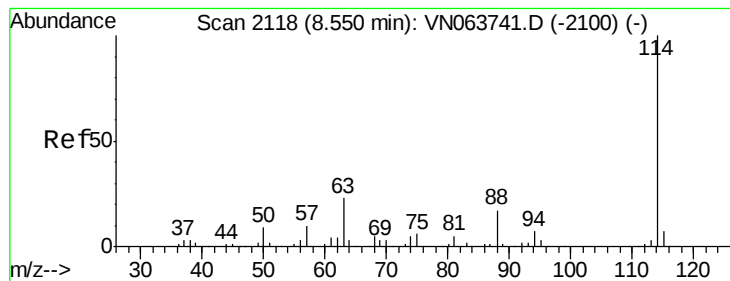
Tot Ion: 84 Resp: 2083
Ion Ratio Lower Upper
84 100
49 95.6 110.4 165.6#
51 35.7 33.3 49.9
86 59.3 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 52.504 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063943.D
Acq: 7 Oct 2020 15:19

Tgt Ion: 65 Resp: 194373
Ion Ratio Lower Upper
65 100
67 50.2 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: VN063943.D

Acq: 7 Oct 2020 15:19

Instrument :

MSVOA_N

ClientSampleId :

GW-DUP-1

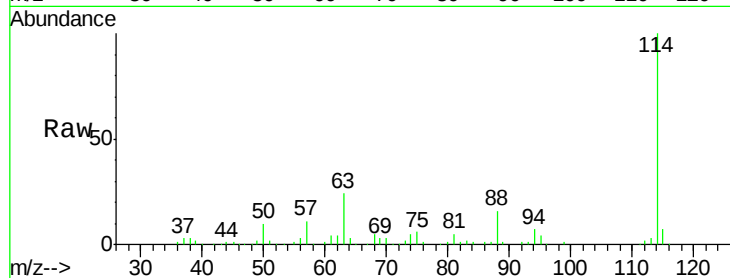
Tot Ion:114 Resp: 400404

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

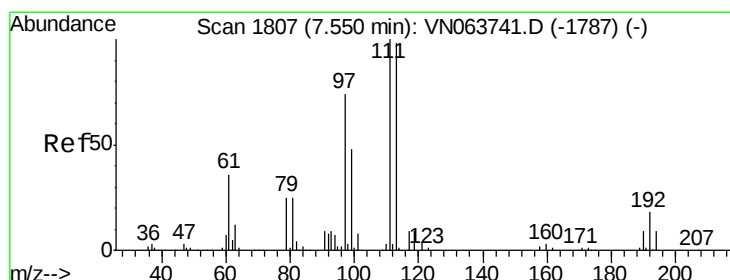
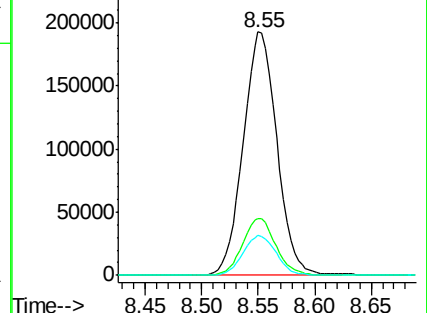
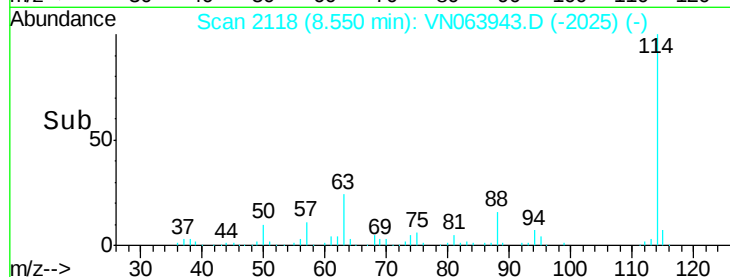
88 16.2 0.0 34.0



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: 50.490 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063943.D

Acq: 7 Oct 2020 15:19

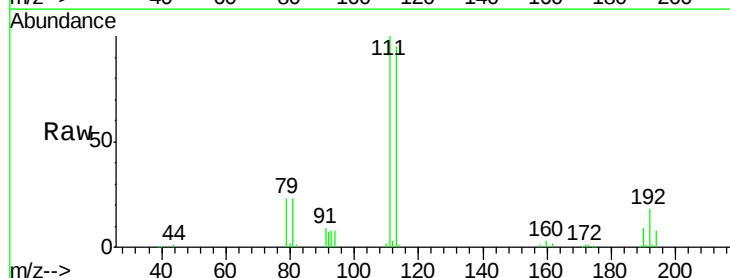
Tgt Ion:113 Resp: 140276

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.8

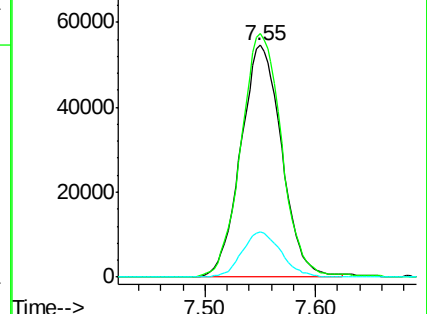
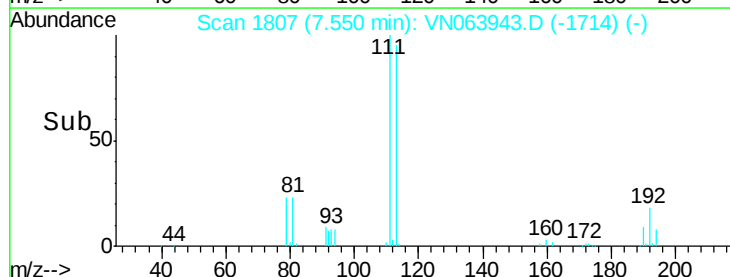
192 18.5 14.2 21.2

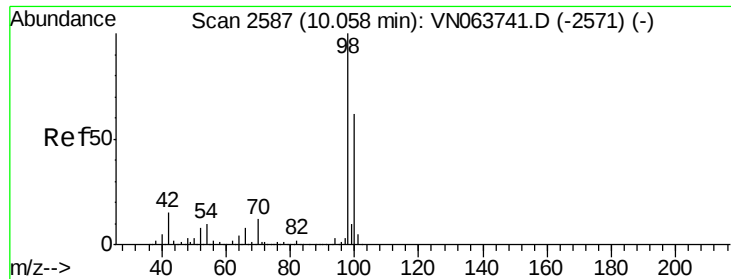


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.032 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063943.D

Acq: 7 Oct 2020 15:19

Instrument :

MSVOA_N

ClientSampleId :

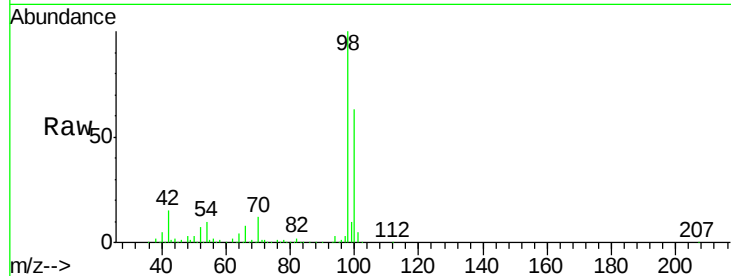
GW-DUP-1

Tot Ion: 98 Resp: 516419

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

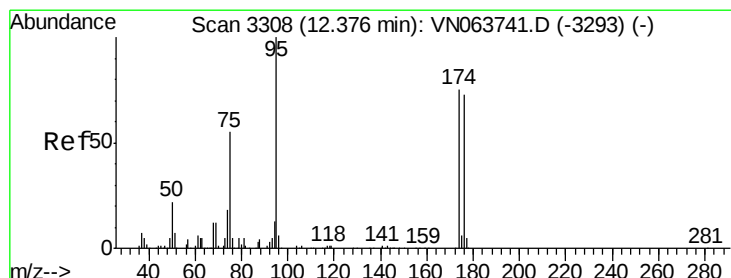
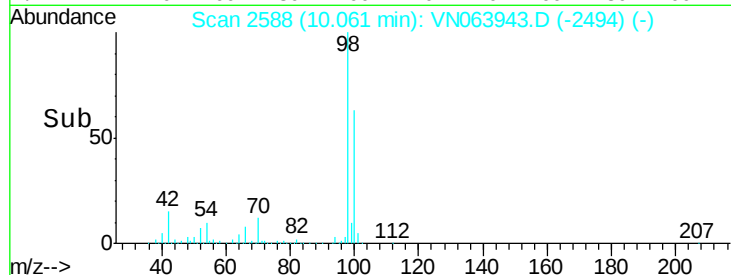
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.652 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063943.D

Acq: 7 Oct 2020 15:19

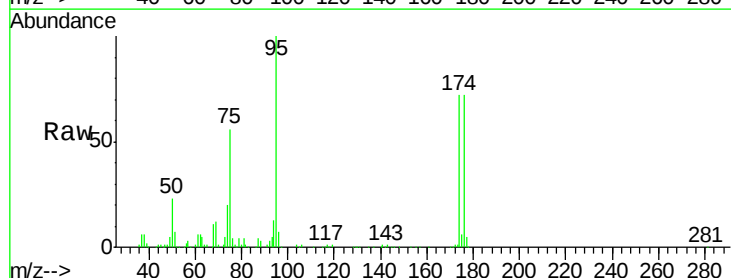
Tgt Ion: 95 Resp: 196582

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 73.3 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

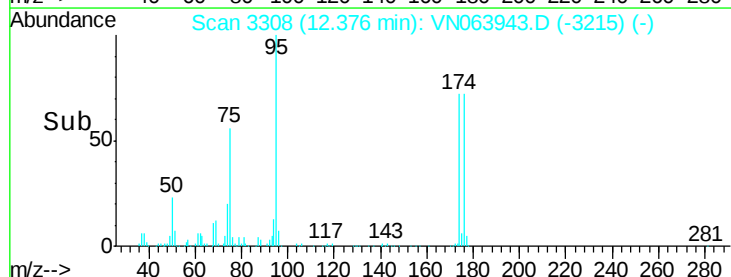
150000

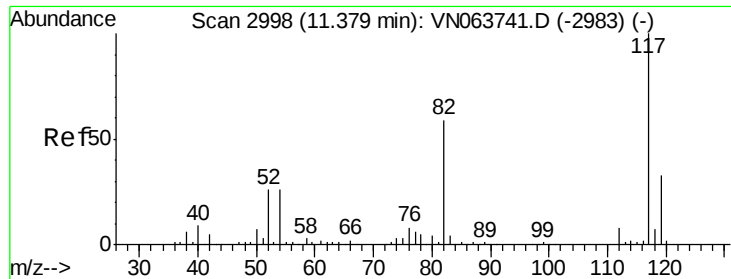
100000

50000

0

Time-->

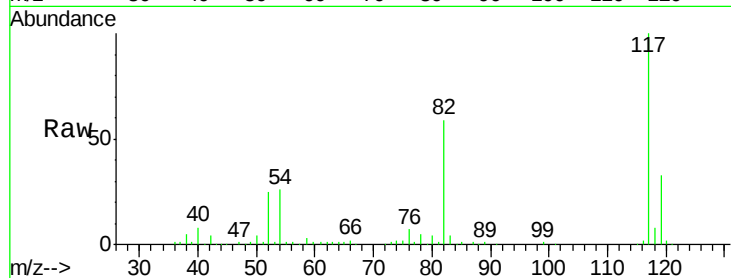




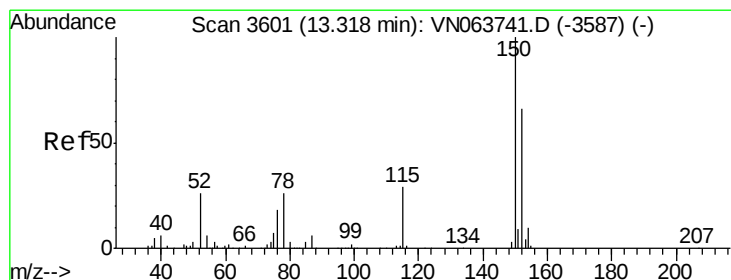
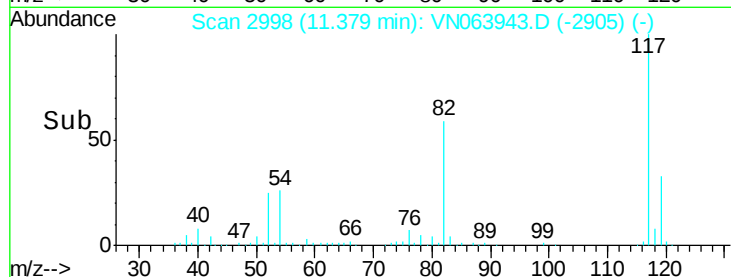
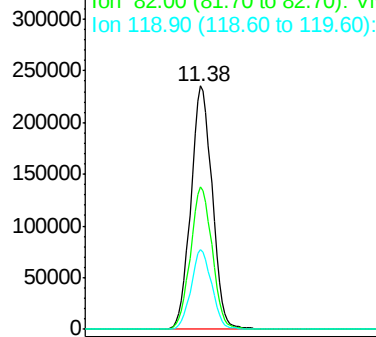
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063943.D
Acq: 7 Oct 2020 15:19

Instrument :
MSVOA_N
ClientSampleId :
GW-DUP-1

Tot Ion:117 Resp: 414982
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 33.0 26.4 39.6

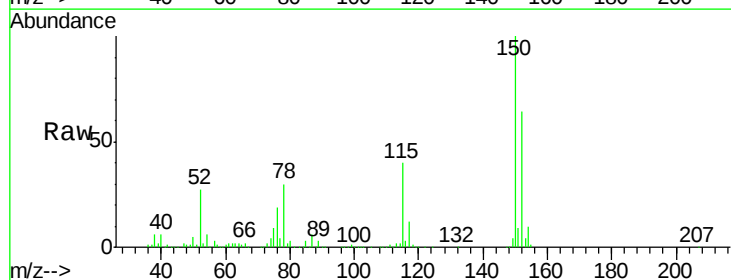


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

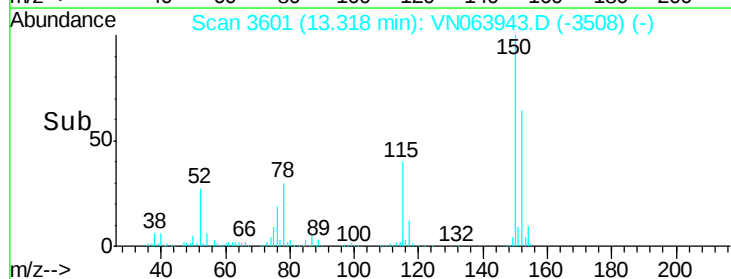
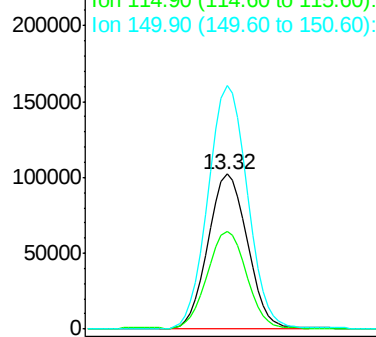


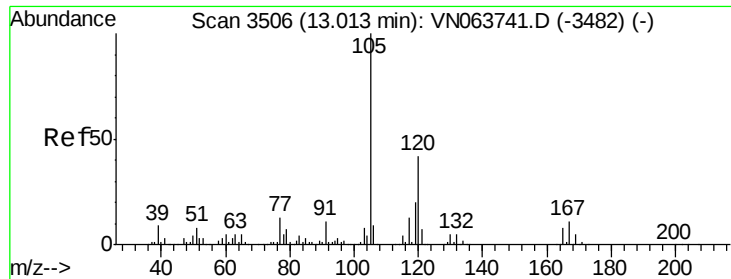
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063943.D
Acq: 7 Oct 2020 15:19

Tgt Ion:152 Resp: 172169
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 158.4 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

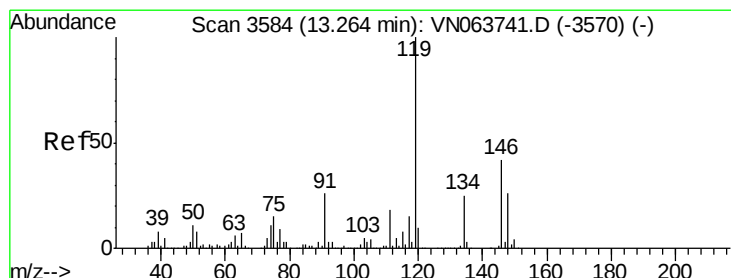
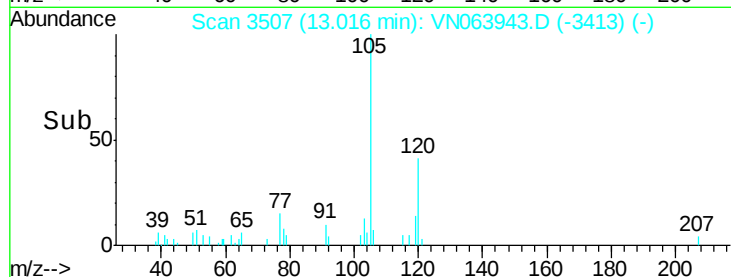
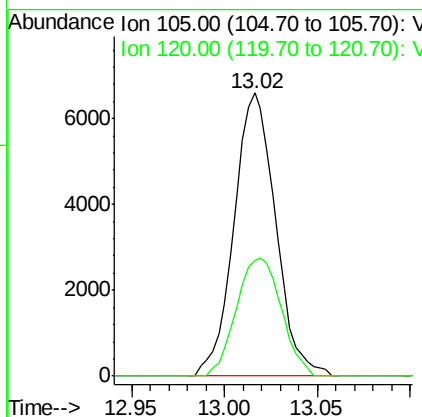
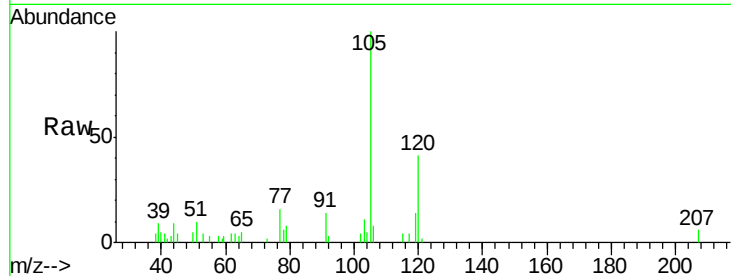




#84
 1,2,4-Trimethylbenzene
 Concen: 0.982 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063943.D
 Acq: 7 Oct 2020 15:19

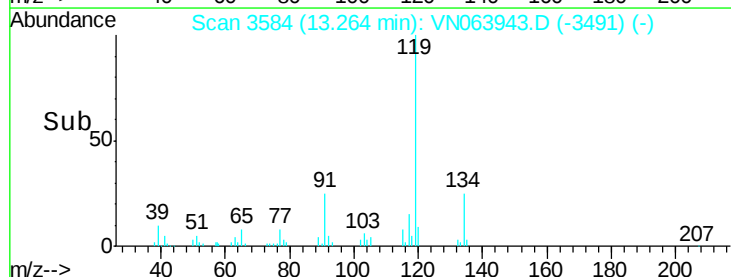
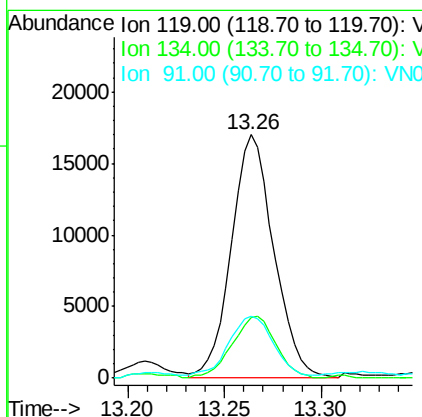
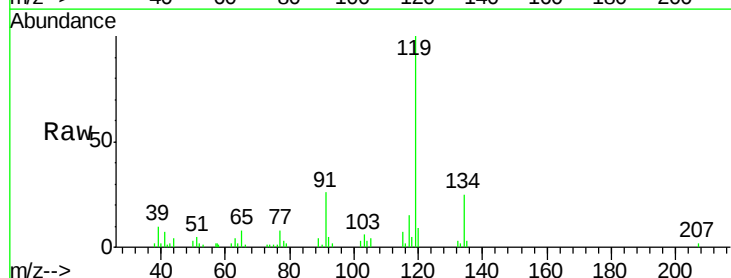
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 MSVOA_N
 ClientSampleId :
 GW-DUP-1

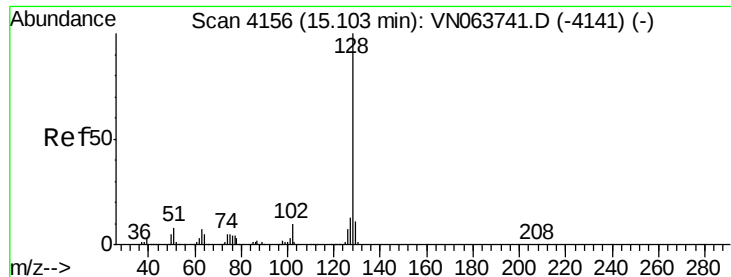
Tot Ion:105 Resp: 10325
 Ion Ratio Lower Upper
 105 100
 120 44.9 20.9 62.7



#86
 p-Isopropyltoluene
 Concen: 2.597 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063943.D
 Acq: 7 Oct 2020 15:19

Tgt Ion:119 Resp: 26003
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 27.7 13.4 40.2





#95

Naphthalene

Concen: 15.675 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063943.D

Acq: 7 Oct 2020 15:19

Instrument :

MSVOA_N

ClientSampleId :

GW-DUP-1

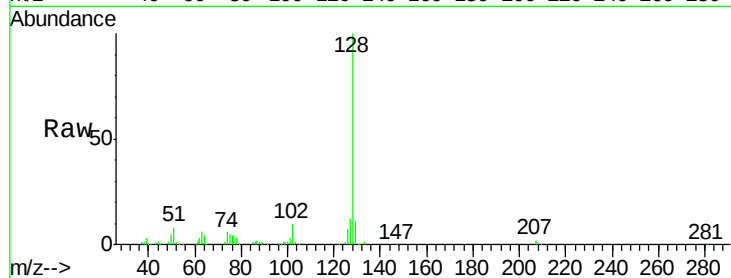
Tot Ion:128 Resp: 132852

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.5 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

