

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064090.D
 Acq On : 12 Oct 2020 20:14
 Operator : JC/MD
 Sample : L4333-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OH-WC-C-G2

Quant Time: Oct 13 02:41:59 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

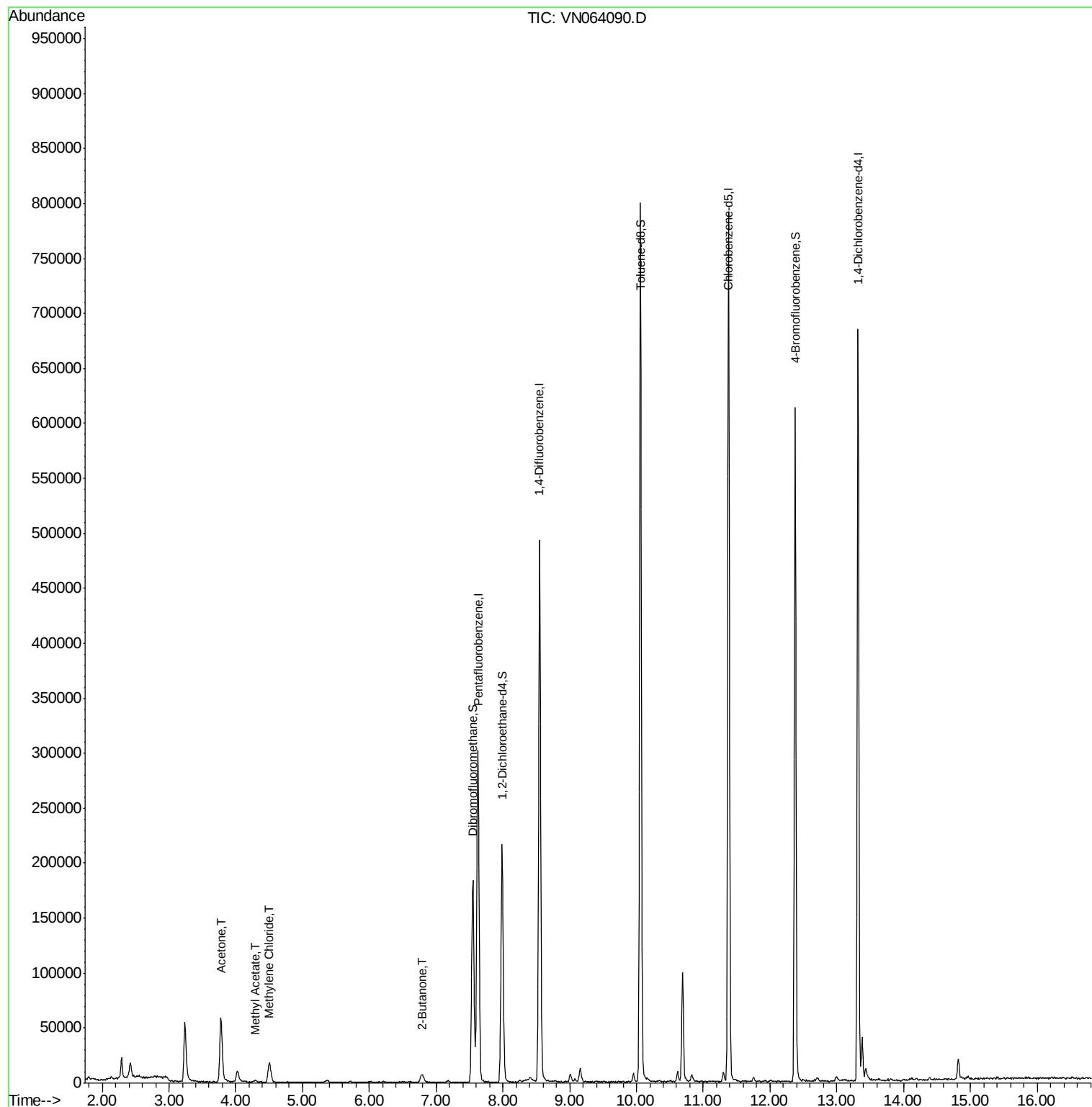
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186739	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
35) Dibromofluoromethane	7.55	113	138441	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	10.06	98	531214	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.38	95	206494	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
Target Compounds						
16) Acetone	3.78	43	102487	89.005	ug/l	99
18) Methyl Acetate	4.29	43	4168	1.394	ug/l #	63
20) Methylene Chloride	4.50	84	12535	4.841	ug/l #	93
25) 2-Butanone	6.80	43	9452	5.790	ug/l	91

(#) = 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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064090.D

Acq: 12 Oct 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

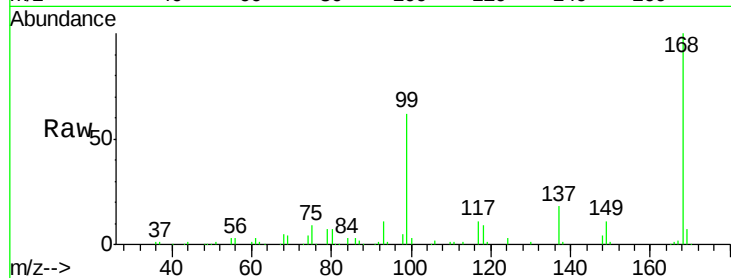
OH-WC-C-G2

Tot Ion:168 Resp: 226418

Ion Ratio Lower Upper

168 100

99 61.9 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

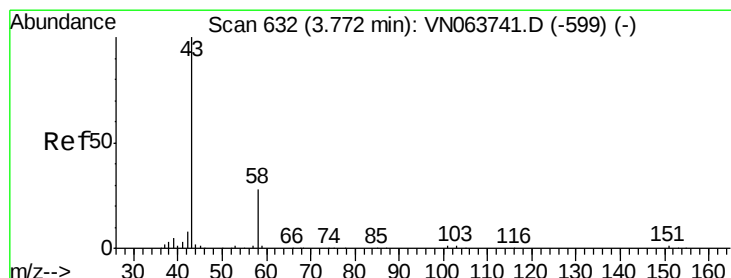
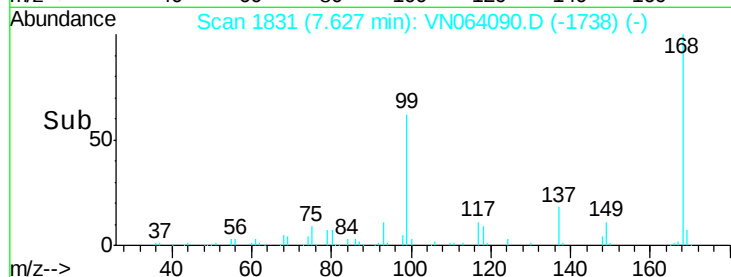
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 89.005 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064090.D

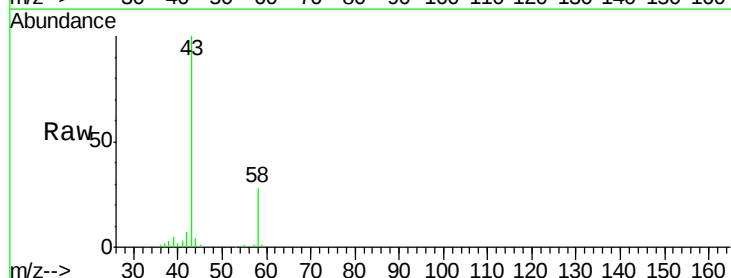
Acq: 12 Oct 2020 20:14

Tgt Ion: 43 Resp: 102487

Ion Ratio Lower Upper

43 100

58 28.4 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

40000

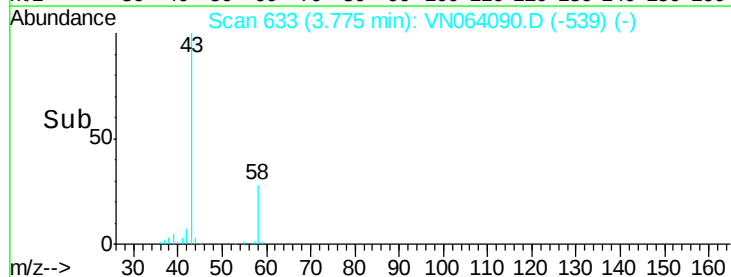
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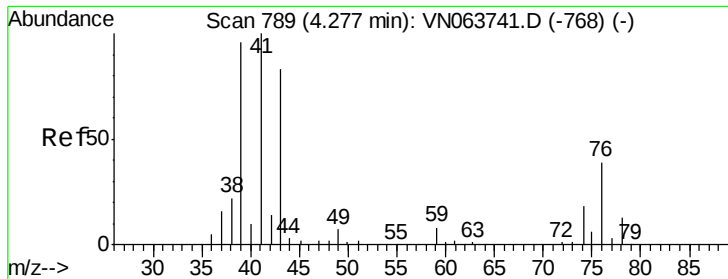
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10000

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Time-->

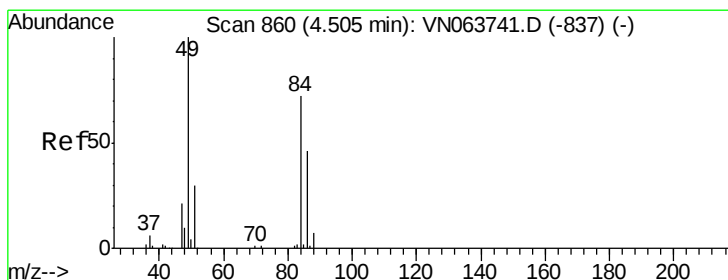
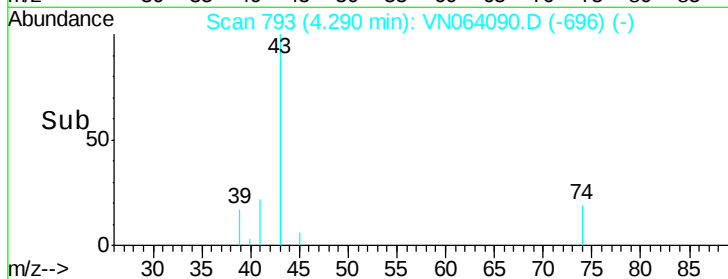
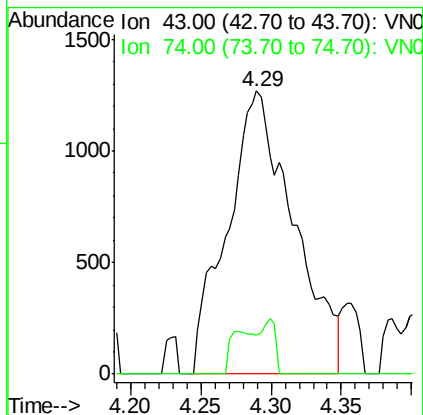
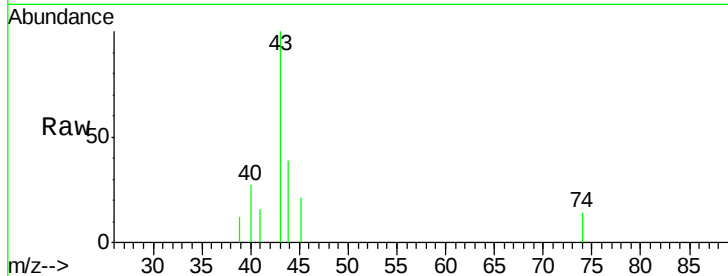




#18
Methyl Acetate
Concen: 1.394 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064090.D
Acq: 12 Oct 2020 20:14

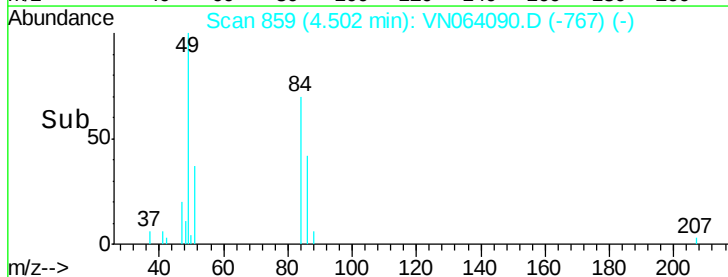
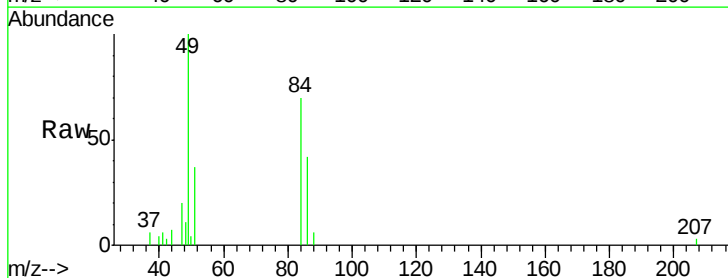
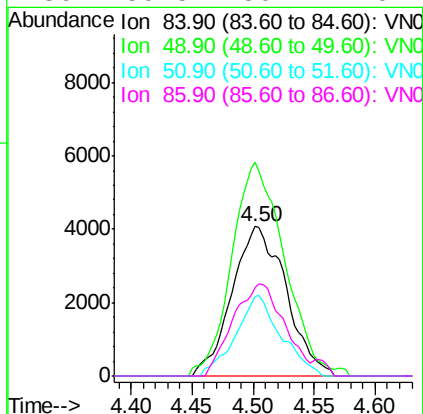
Instrument :
MSVOA_N
ClientSampled :
OH-WC-C-G2

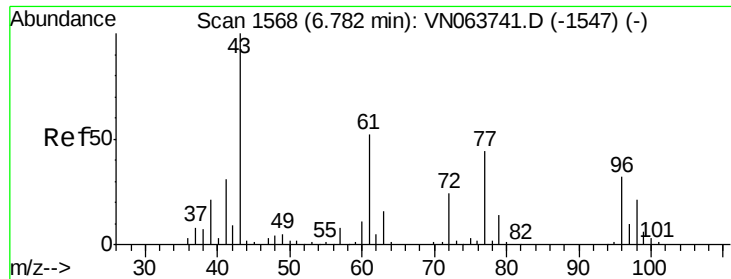
Tot Ion: 43 Resp: 4168
Ion Ratio Lower Upper
43 100
74 4.1 17.4 26.2#



#20
Methylene Chloride
Concen: 4.841 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064090.D
Acq: 12 Oct 2020 20:14

Tgt Ion: 84 Resp: 12535
Ion Ratio Lower Upper
84 100
49 142.9 110.4 165.6
51 53.0 33.3 49.9#
86 59.5 50.7 76.1

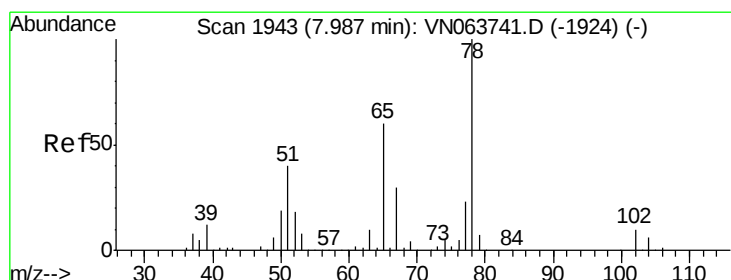
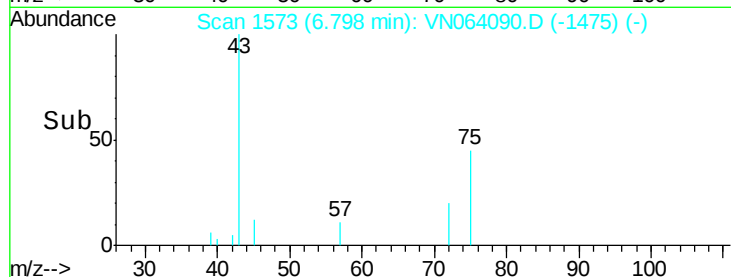
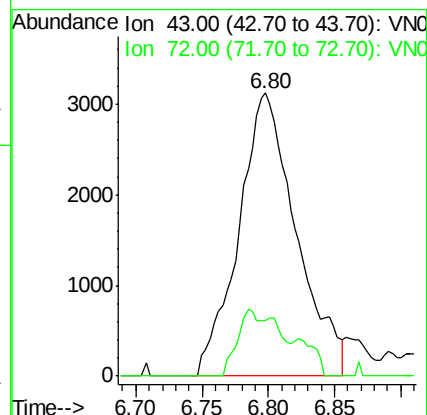
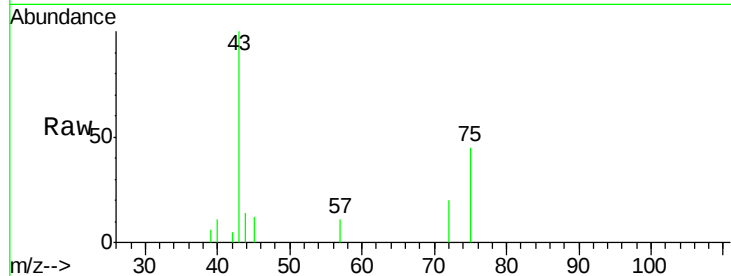




#25
2-Butanone
Concen: 5.790 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN064090.D
Acq: 12 Oct 2020 20:14

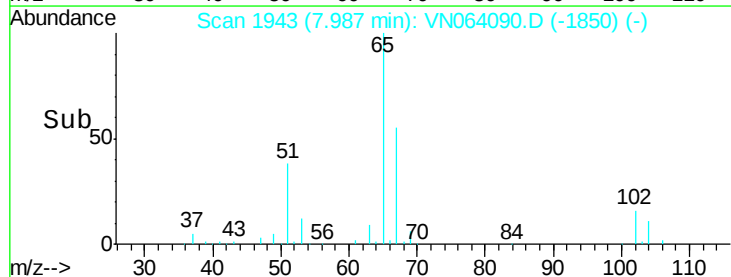
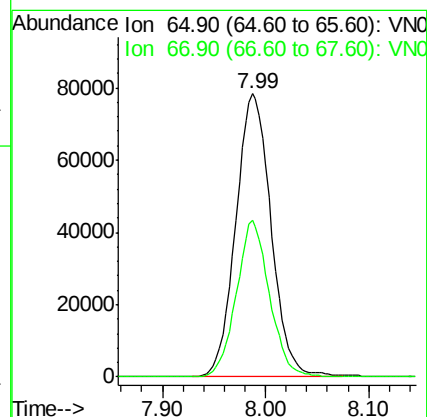
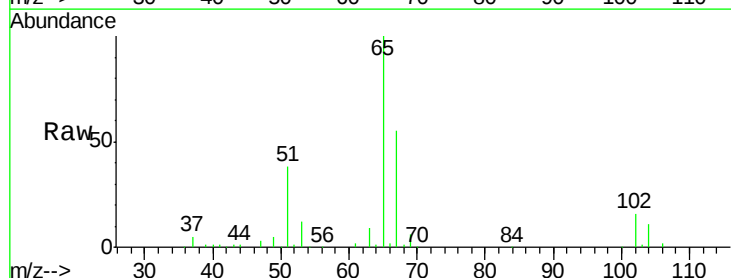
Instrument :
MSVOA_N
ClientSampleId :
OH-WC-C-G2

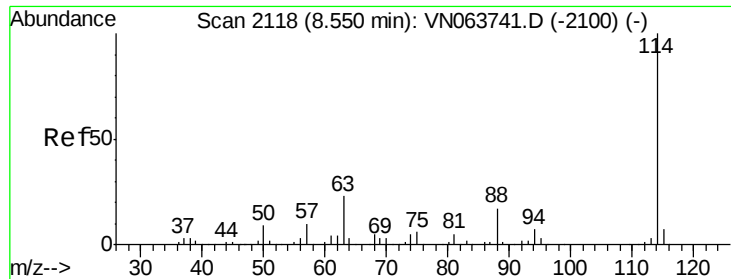
Tot Ion: 43 Resp: 9452
Ion Ratio Lower Upper
43 100
72 19.5 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 49.922 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064090.D
Acq: 12 Oct 2020 20:14

Tgt Ion: 65 Resp: 186739
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.6

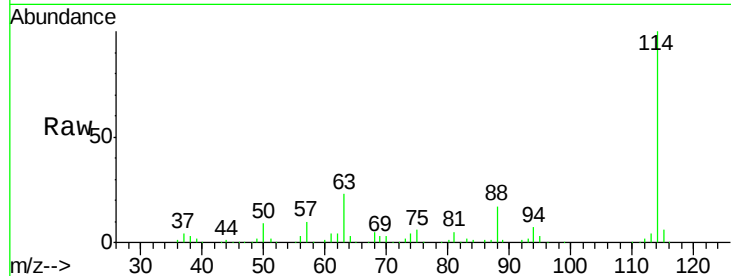




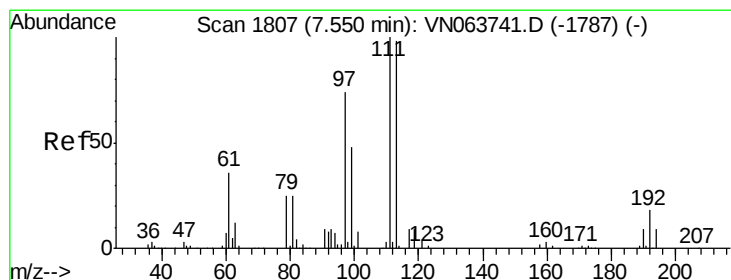
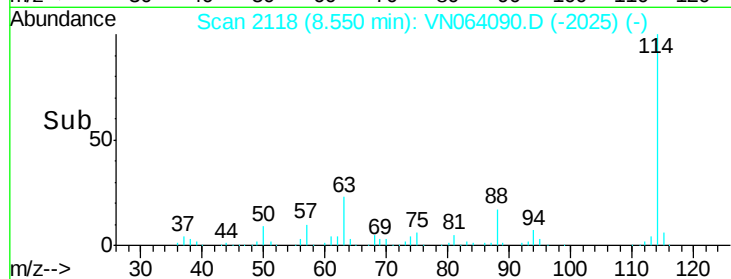
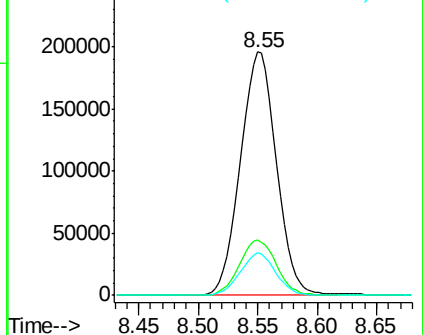
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064090.D
 Acq: 12 Oct 2020 20:14

Instrument :
 MSVOA_N
 ClientSampleId :
 OH-WC-C-G2

Tot Ion:114 Resp: 410953
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 17.3 0.0 34.0

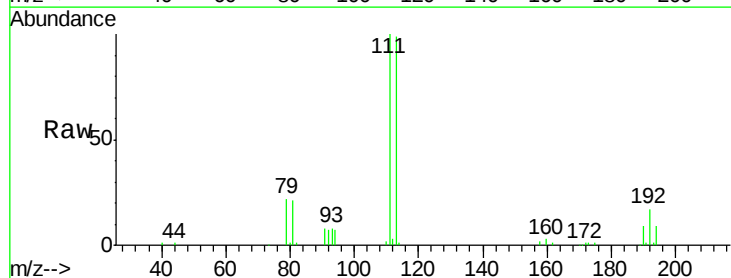


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

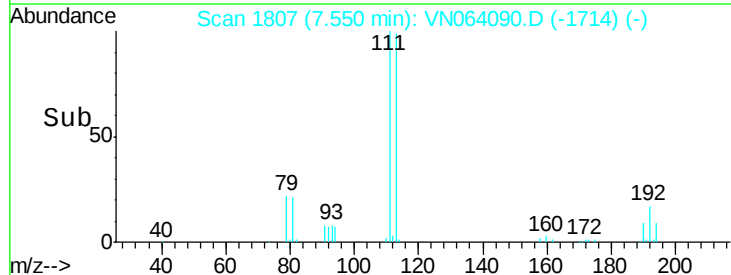
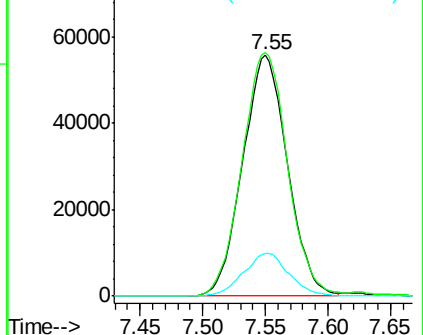


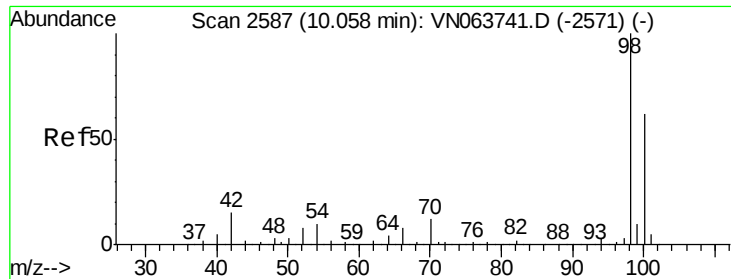
#35
 Dibromofluoromethane
 Concen: 48.550 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064090.D
 Acq: 12 Oct 2020 20:14

Tgt Ion:113 Resp: 138441
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 18.0 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: 49.142 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064090.D

Acq: 12 Oct 2020 20:14

Instrument :

MSVOA_N

ClientSampled :

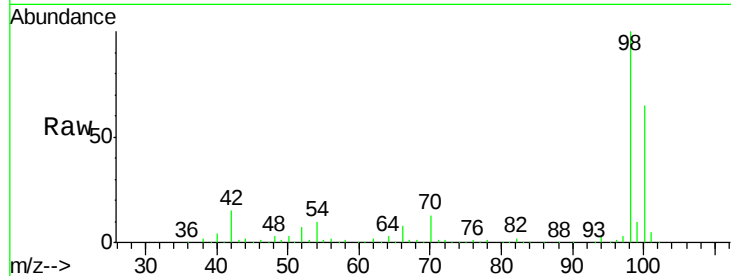
OH-WC-C-G2

Tot Ion: 98 Resp: 531214

Ion Ratio Lower Upper

98 100

100 64.1 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

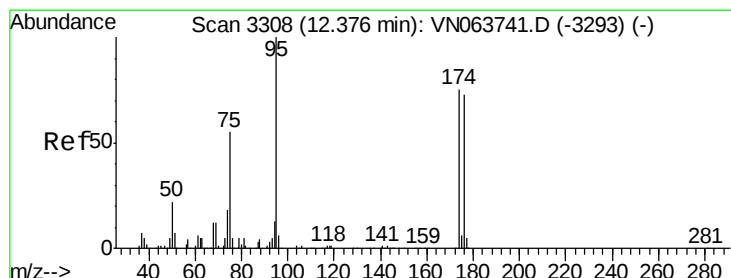
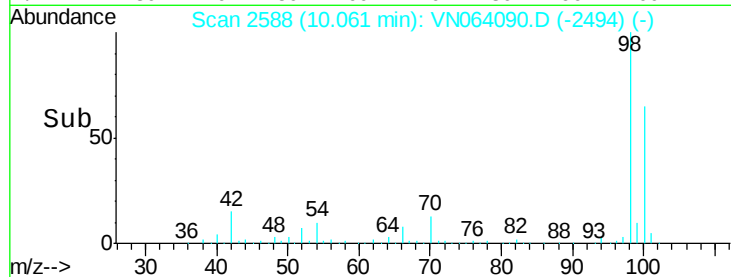
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.817 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064090.D

Acq: 12 Oct 2020 20:14

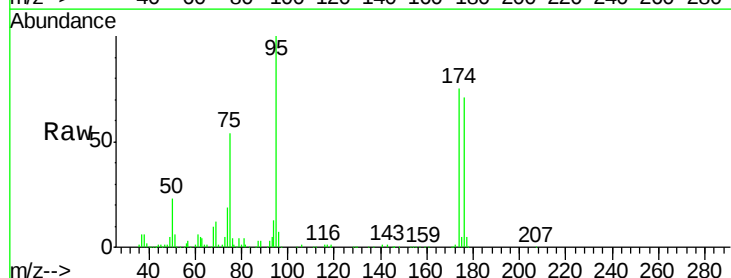
Tgt Ion: 95 Resp: 206494

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.6

176 72.6 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

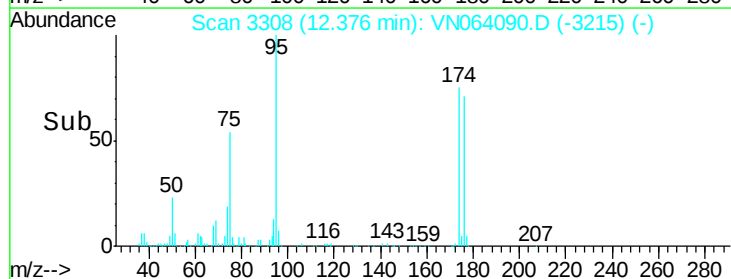
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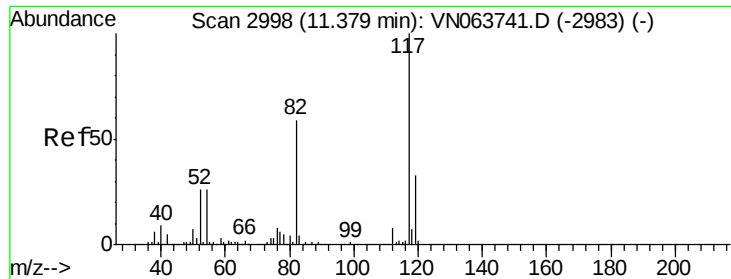
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Time-->

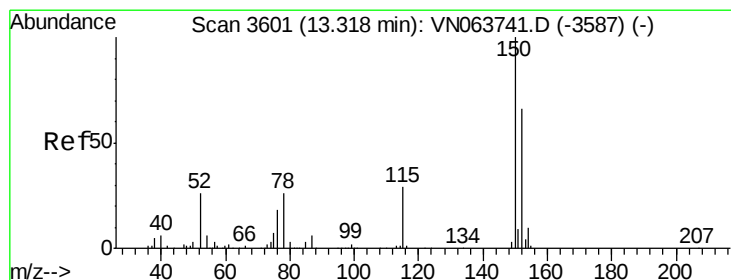
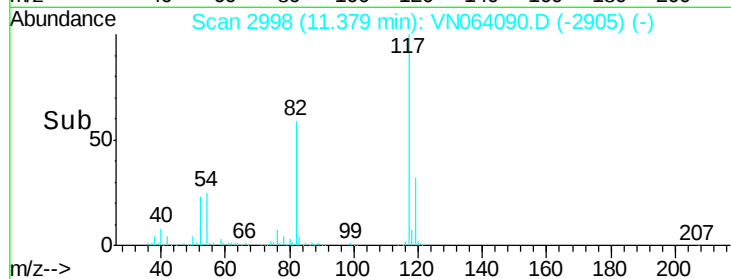
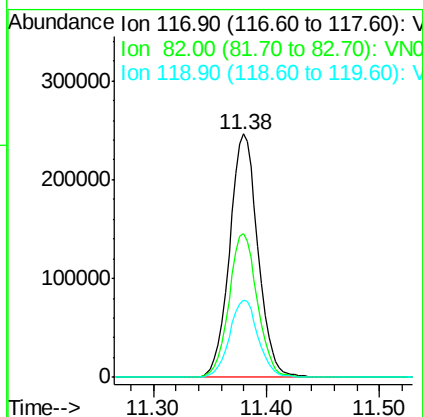
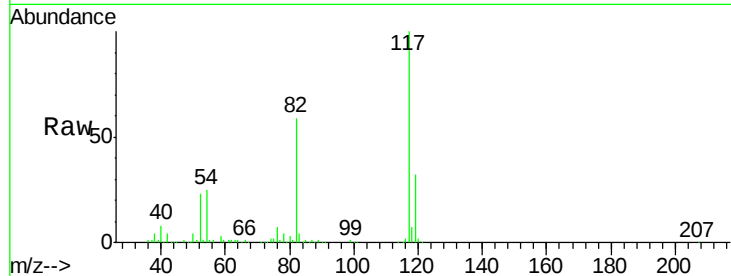




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064090.D
Acq: 12 Oct 2020 20:14

Instrument :
MSVOA_N
ClientSampleId :
OH-WC-C-G2

Tot Ion:117 Resp: 428366
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064090.D
Acq: 12 Oct 2020 20:14

Tgt Ion:152 Resp: 171573
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 155.4 0.0 341.8

