

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063670.D
 Acq On : 25 Sep 2020 9:01
 Operator : JC/MD
 Sample : L4098-21 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SEAL-POT

Quant Time: Sep 25 09:25:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

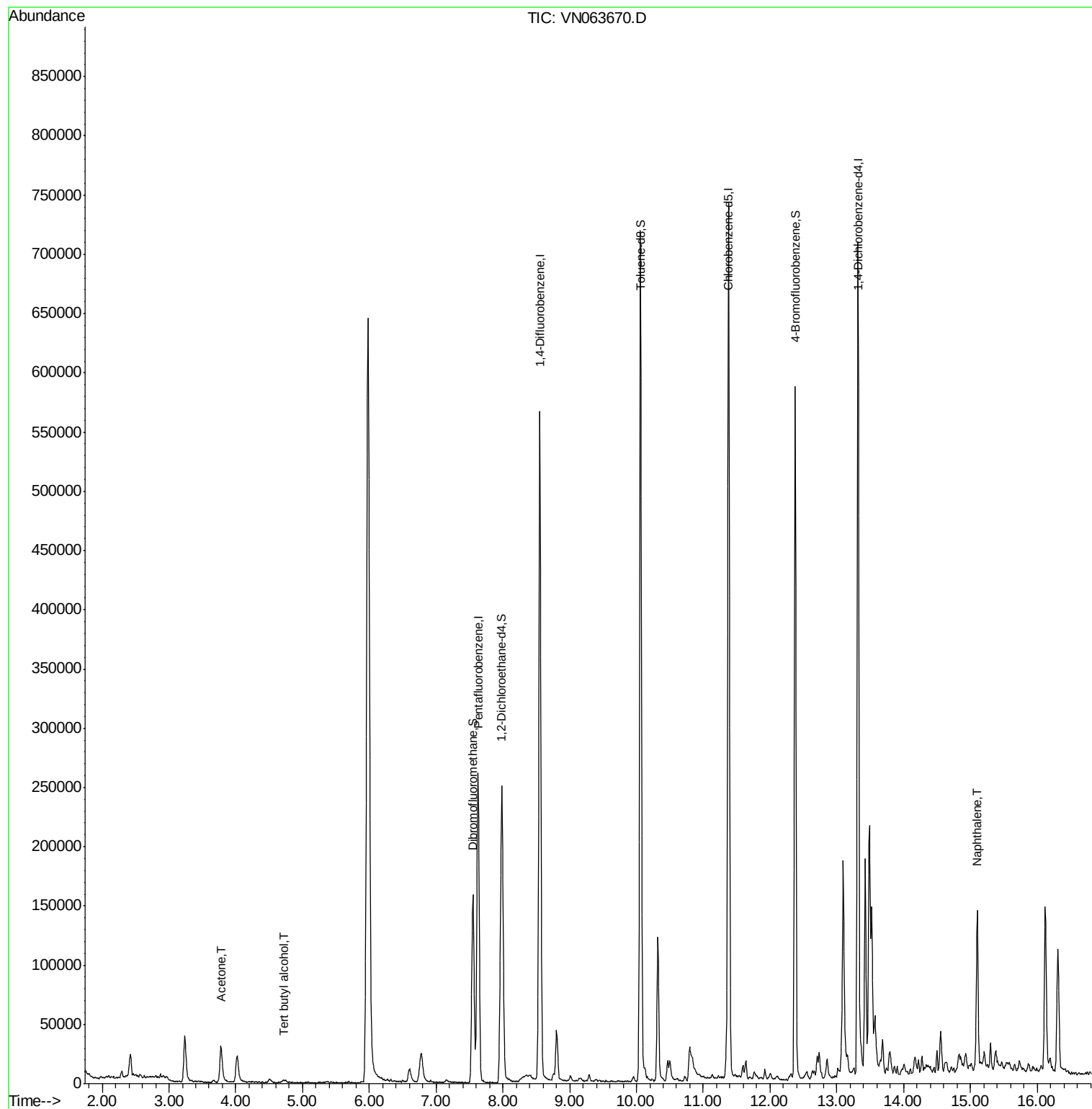
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	192659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	363838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	375261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	165780	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	7.55	113	118820	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	10.06	98	458595	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.38	95	187121	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
Target Compounds						
11) Tert butyl alcohol	4.72	59	3715	8.177	ug/l #	93
16) Acetone	3.78	43	51605	48.961	ug/l	97
95) Naphthalene	15.10	128	106739	10.031	ug/l	99

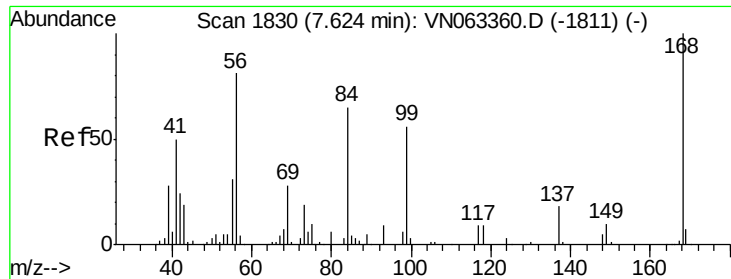
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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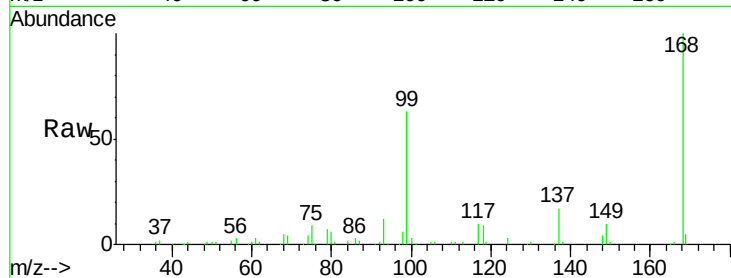
SEAL-POT

Tot Ion:168 Resp: 192659

Ion Ratio Lower Upper

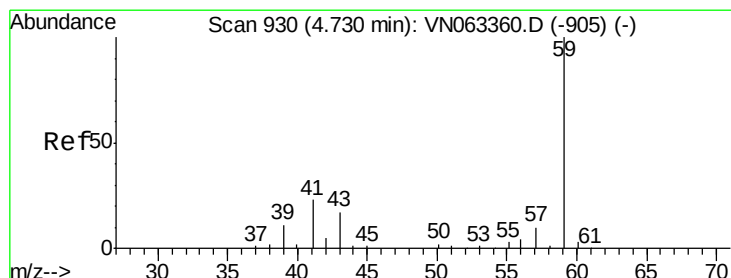
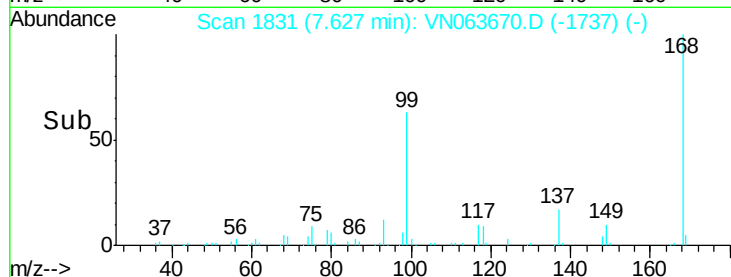
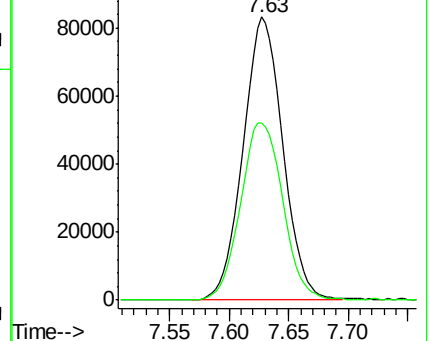
168 100

99 62.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 8.177 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.01 min

Lab File: VN063670.D

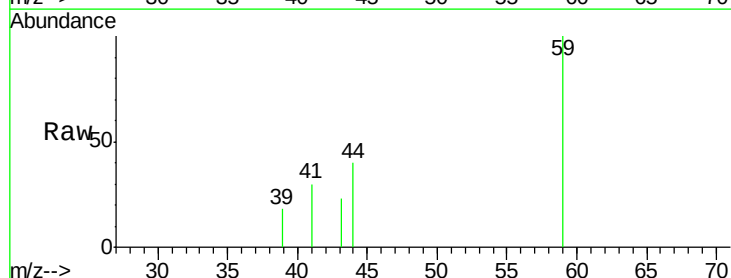
Acq: 25 Sep 2020 9:01

Tgt Ion: 59 Resp: 3715

Ion Ratio Lower Upper

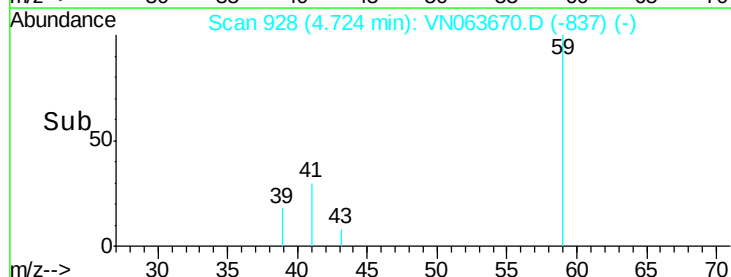
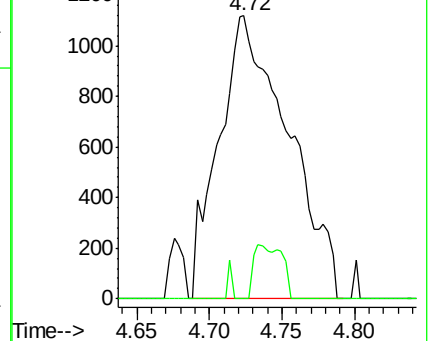
59 100

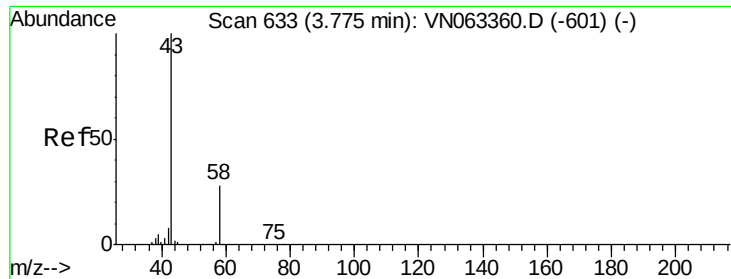
57 7.8 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

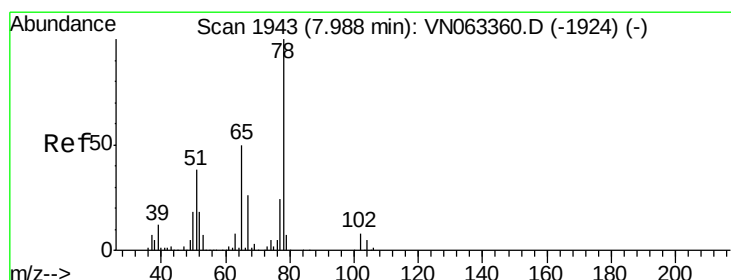
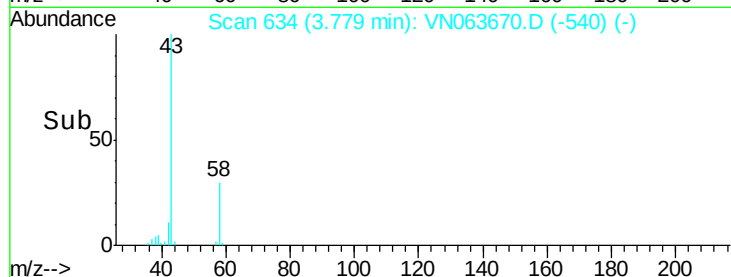
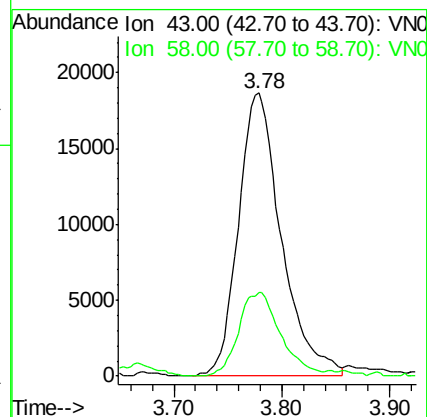
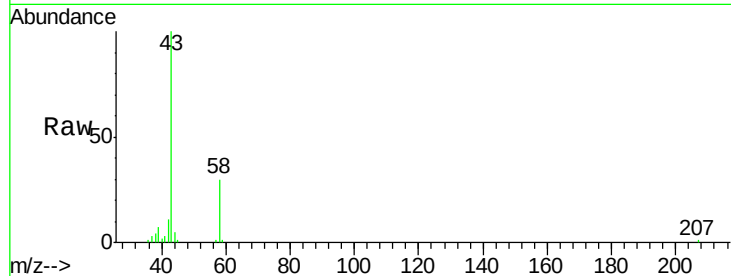




#16
Acetone
Concen: 48.961 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN063670.D
Acq: 25 Sep 2020 9:01

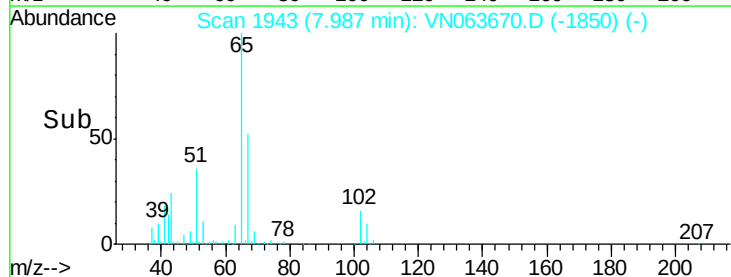
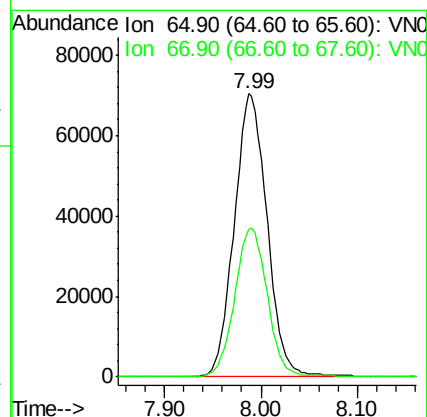
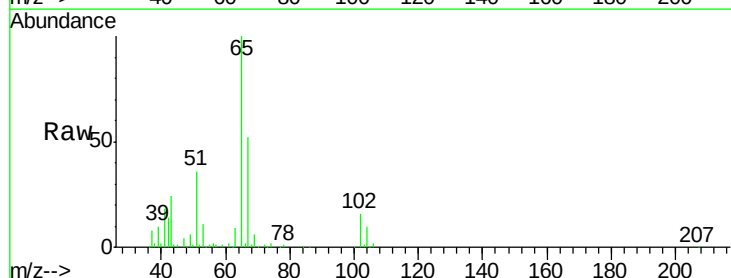
Instrument :
MSVOA_N
ClientSampleId :
SEAL-POT

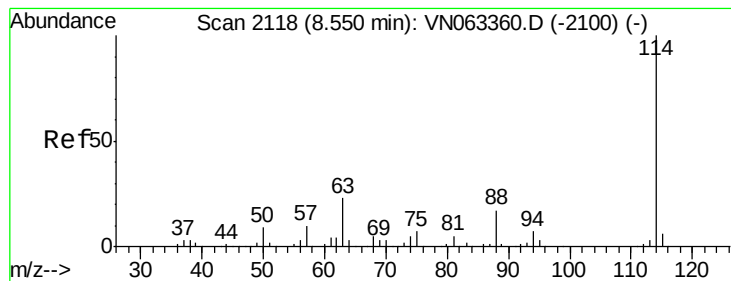
Tot Ion: 43 Resp: 51605
Ion Ratio Lower Upper
43 100
58 29.5 22.3 33.5



#33
1,2-Dichloroethane-d4
Concen: 50.549 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063670.D
Acq: 25 Sep 2020 9:01

Tgt Ion: 65 Resp: 165780
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063670.D

Acq: 25 Sep 2020 9:01

Instrument :

MSVOA_N

ClientSampleId :

SEAL-POT

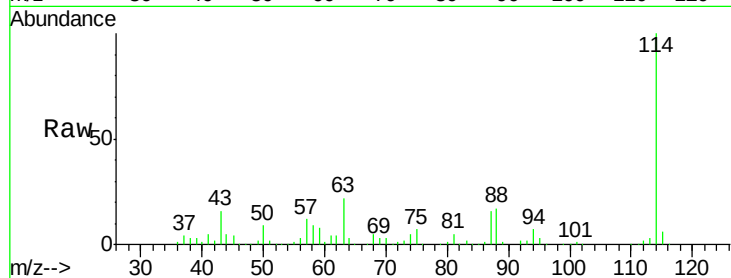
Tot Ion:114 Resp: 363838

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.4

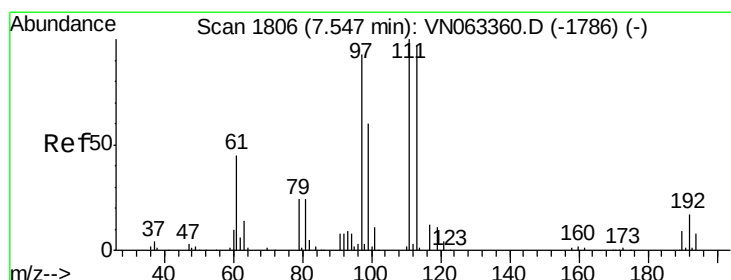
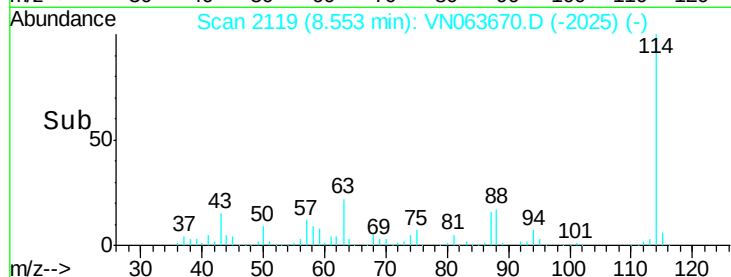
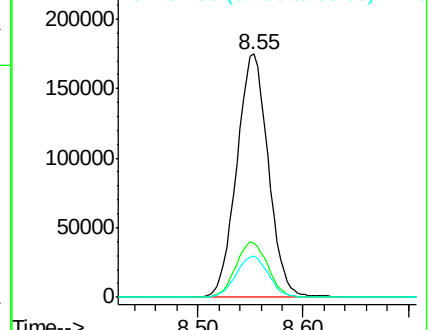
88 16.9 0.0 33.2



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: 47.174 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063670.D

Acq: 25 Sep 2020 9:01

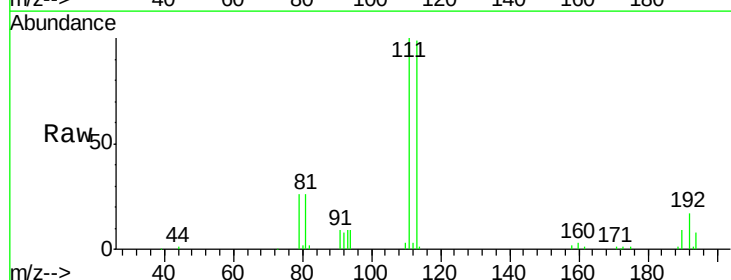
Tgt Ion:113 Resp: 118820

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

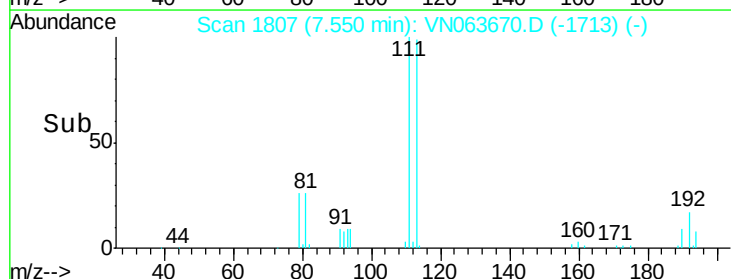
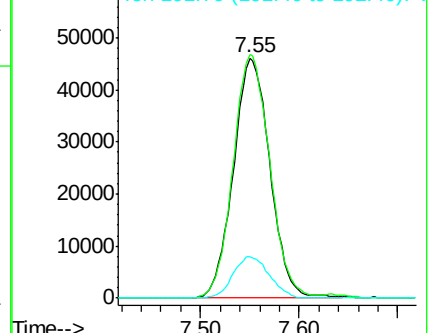
192 17.2 13.9 20.9

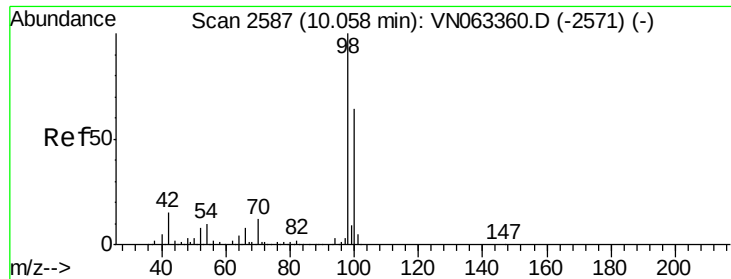


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.421 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063670.D

Acq: 25 Sep 2020 9:01

Instrument :

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ClientSampleId :

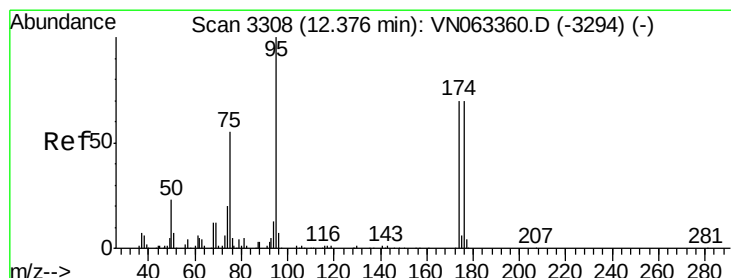
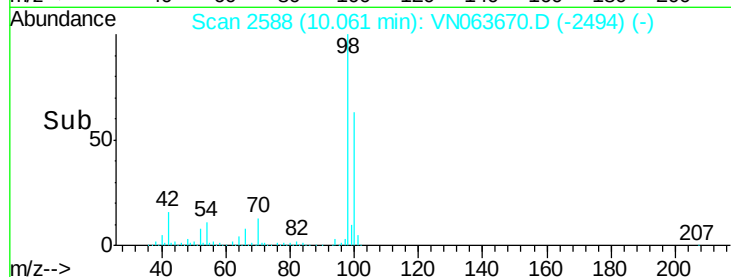
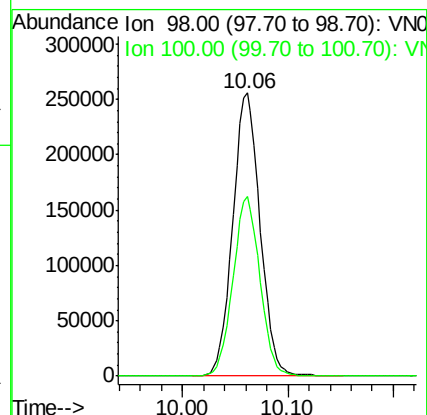
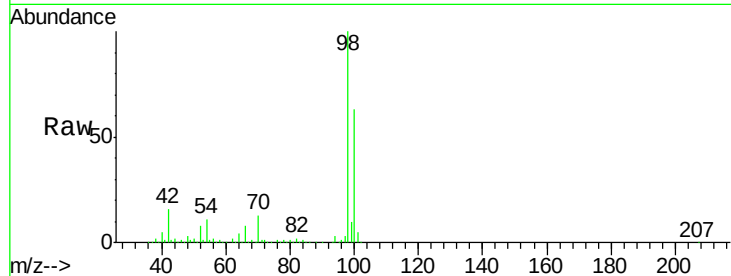
SEAL-POT

Tot Ion: 98 Resp: 458595

Ion Ratio Lower Upper

98 100

100 62.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.896 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063670.D

Acq: 25 Sep 2020 9:01

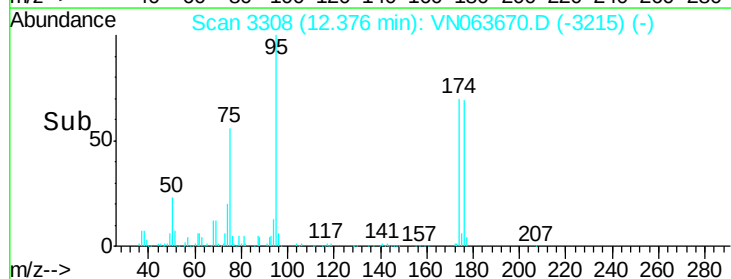
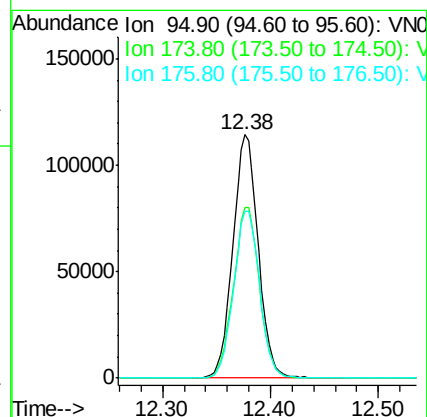
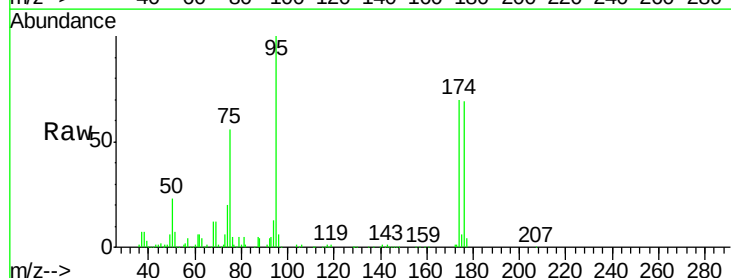
Tgt Ion: 95 Resp: 187121

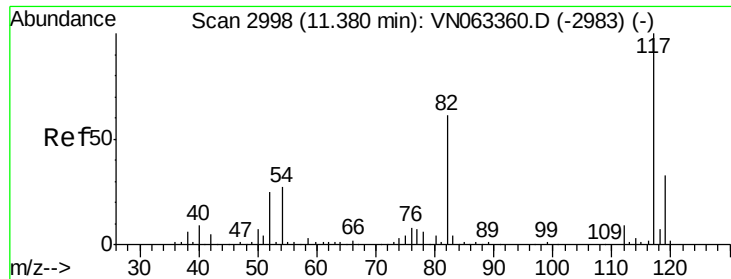
Ion Ratio Lower Upper

95 100

174 71.7 0.0 140.8

176 70.5 0.0 137.6

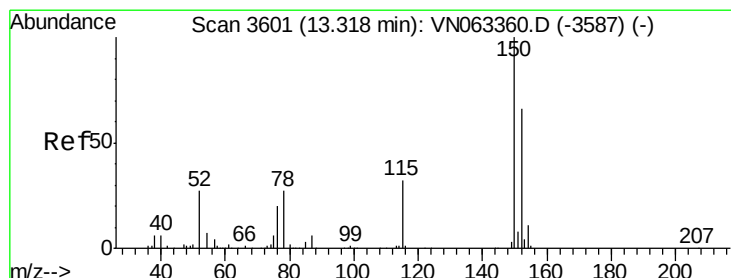
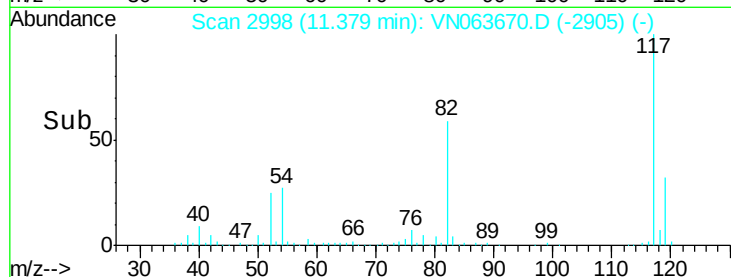
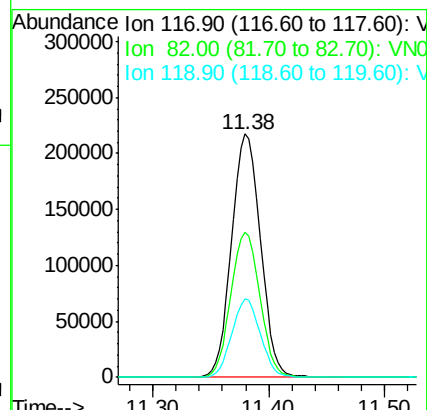
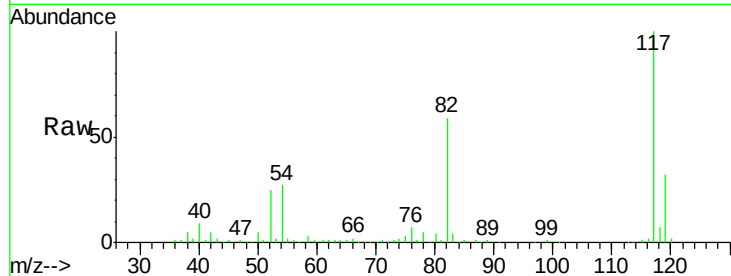




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063670.D
Acq: 25 Sep 2020 9:01

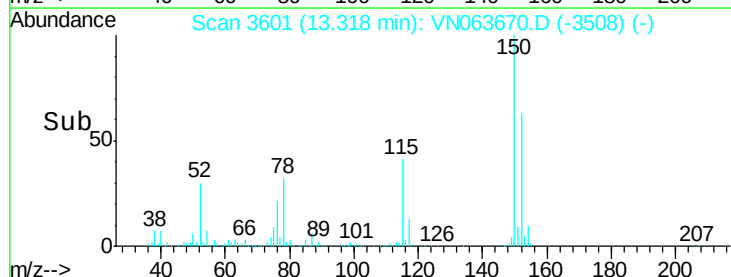
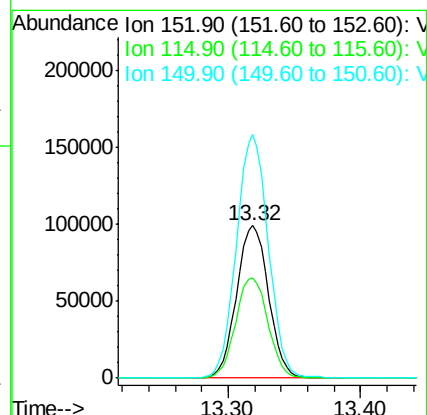
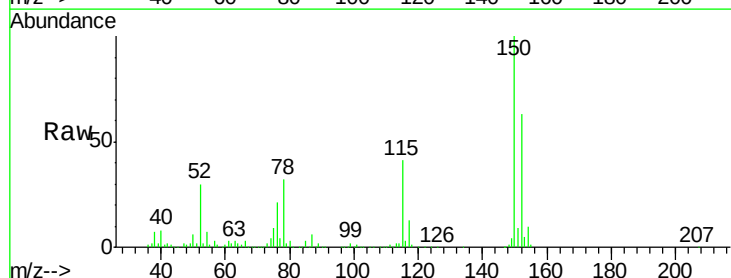
Instrument :
MSVOA_N
ClientSampleId :
SEAL-POT

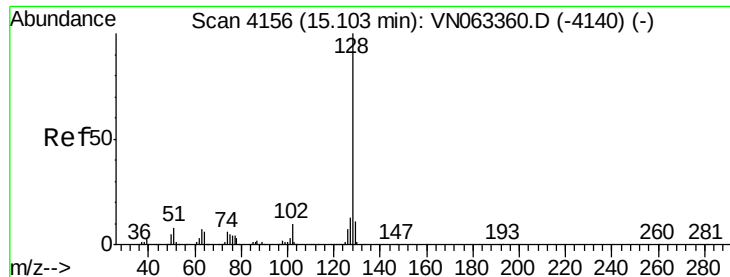
Tot Ion:117 Resp: 375261
Ion Ratio Lower Upper
117 100
82 59.4 49.2 73.8
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063670.D
Acq: 25 Sep 2020 9:01

Tgt Ion:152 Resp: 166563
Ion Ratio Lower Upper
152 100
115 66.5 32.2 96.6
150 158.9 0.0 343.4





#95

Naphthalene

Concen: 10.031 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063670.D

Acq: 25 Sep 2020 9:01

Instrument :

MSVOA_N

ClientSampleId :

SEAL-POT

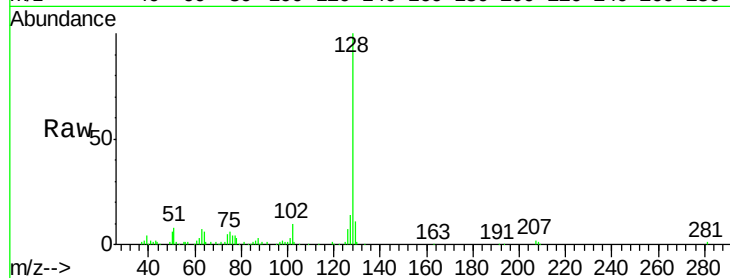
Tot Ion:128 Resp: 106739

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

129 10.8 8.8 13.2



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

