

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063663.D
 Acq On : 25 Sep 2020 6:13
 Operator : JC/MD
 Sample : L4113-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KTS-WC-S-0102-0-92

Quant Time: Sep 25 07:38:27 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

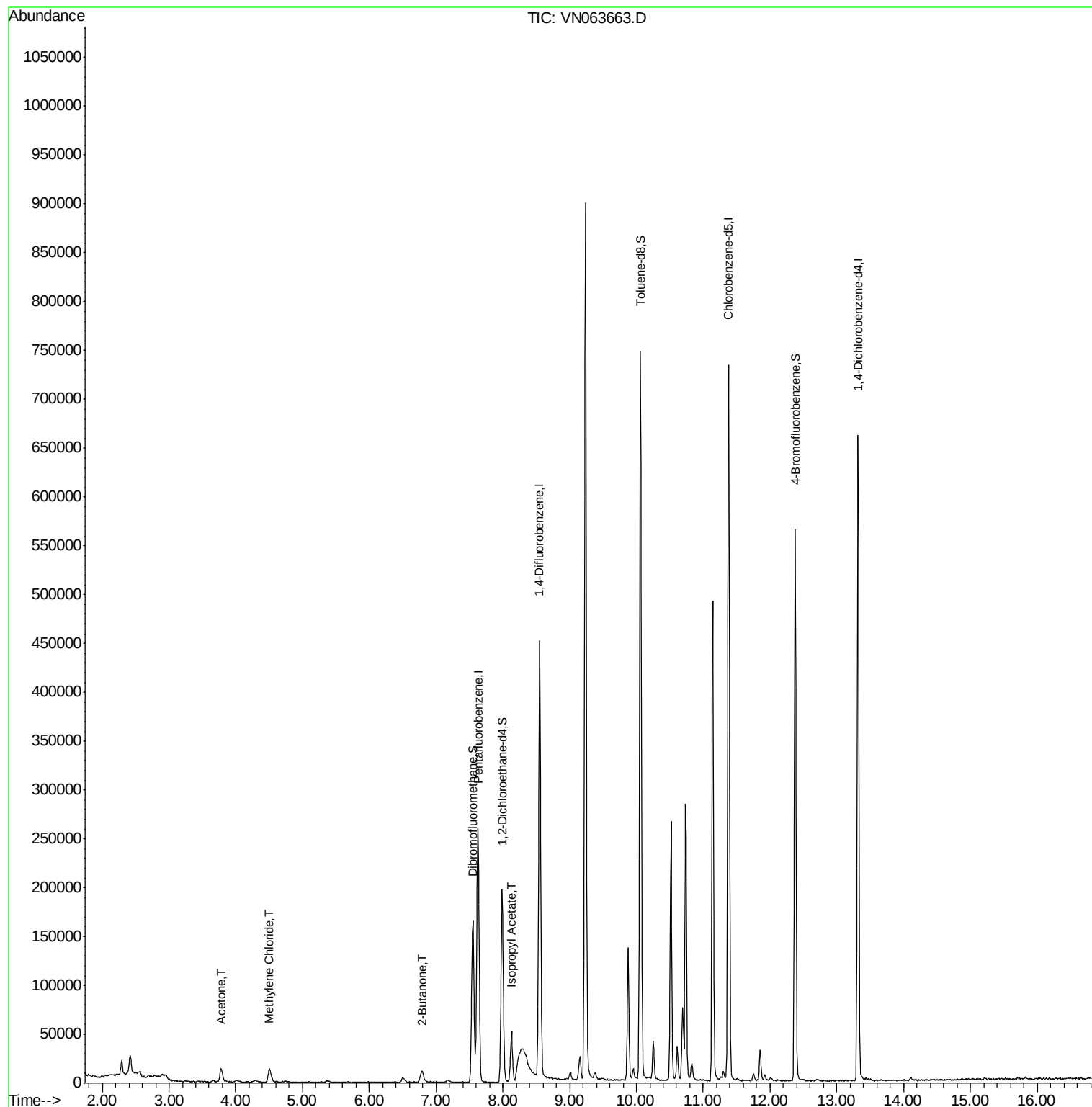
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	191430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	373598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	376407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	172543	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
35) Dibromofluoromethane	7.55	113	125136	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.06	98	480615	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.38	95	182246	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
Target Compounds						
16) Acetone	3.78	43	25722	24.561	ug/l #	89
20) Methylene Chloride	4.50	84	9639	3.633	ug/l	86
25) 2-Butanone	6.79	43	14184	8.806	ug/l	92
43) Isopropyl Acetate	8.13	43	59647	8.539	ug/l	99

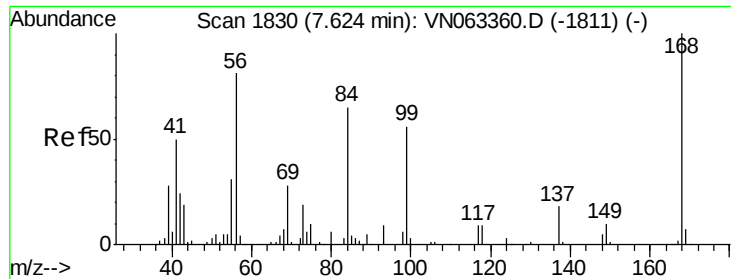
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063663.D
Acq On : 25 Sep 2020 6:13
Operator : JC/MD
Sample : L4113-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
KTS-WC-S-0102-0-92

Quant Time: Sep 25 07:38:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063663.D

Acq: 25 Sep 2020 6:13

Instrument :

MSVOA_N

ClientSampleId :

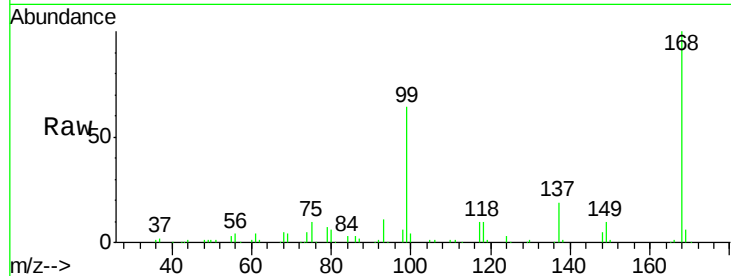
KTS-WC-S-0102-0-92

Tot Ion:168 Resp: 191430

Ion Ratio Lower Upper

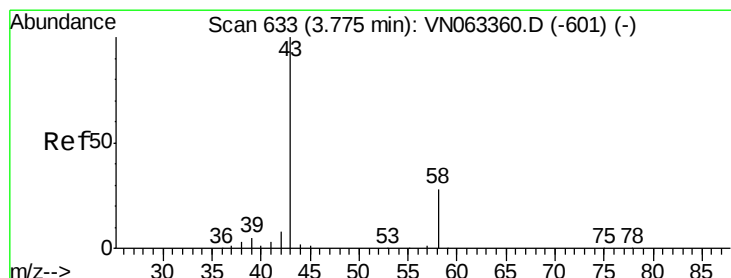
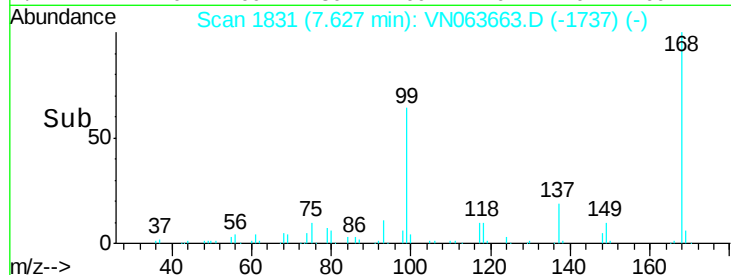
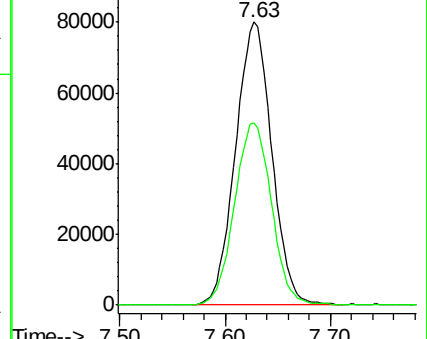
168 100

99 64.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 24.561 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063663.D

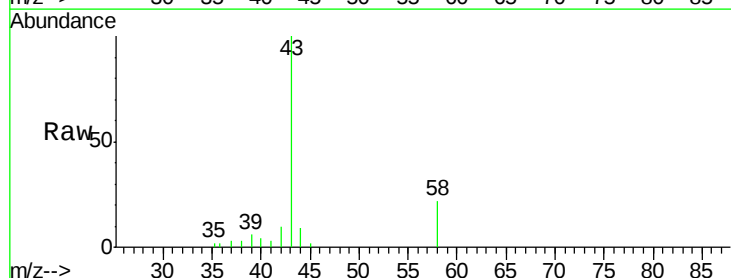
Acq: 25 Sep 2020 6:13

Tgt Ion: 43 Resp: 25722

Ion Ratio Lower Upper

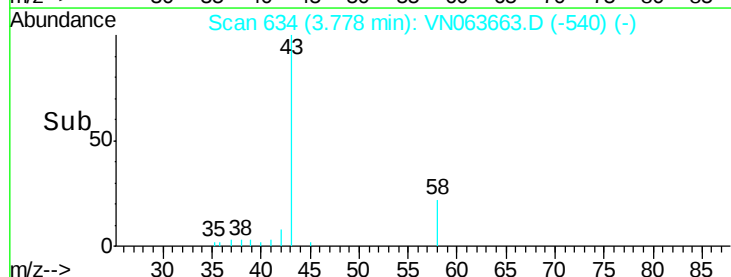
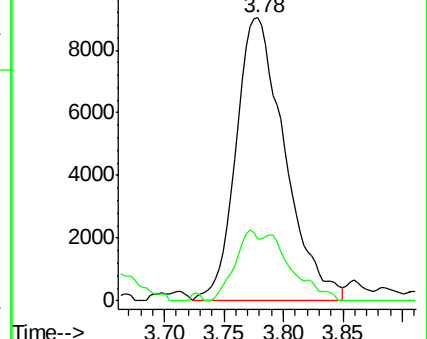
43 100

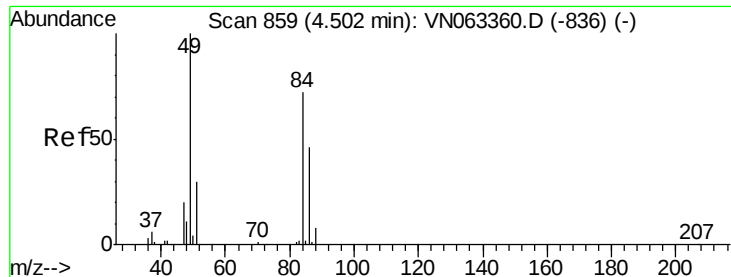
58 21.9 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

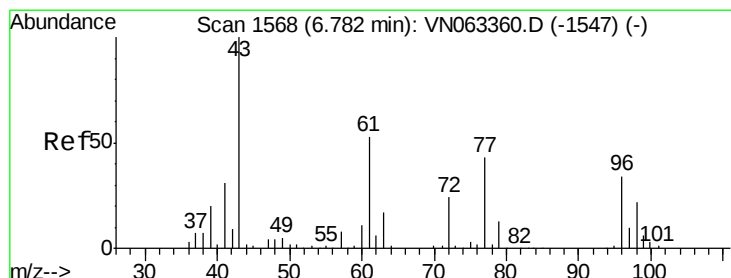
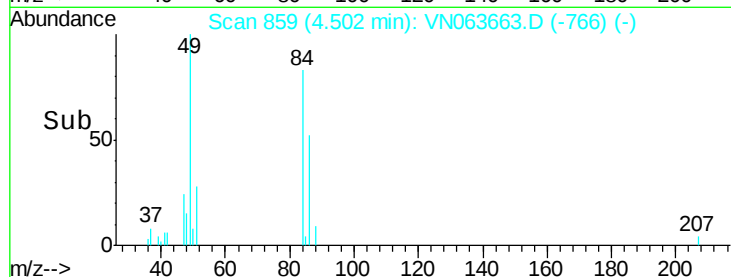
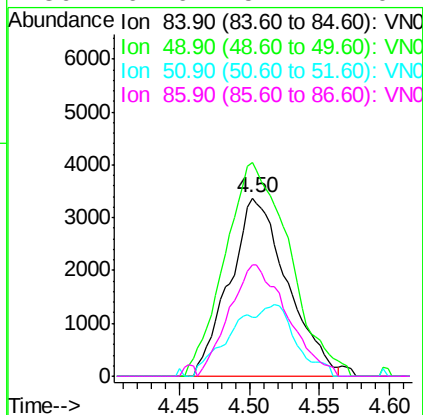
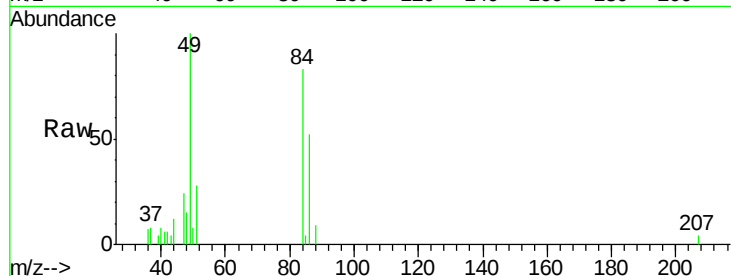




#20
Methvlene Chloride
Concen: 3.633 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063663.D
Acq: 25 Sep 2020 6:13

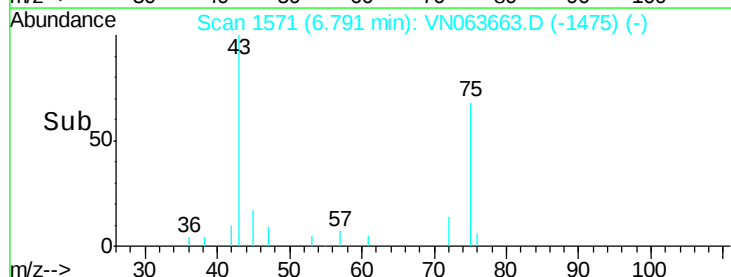
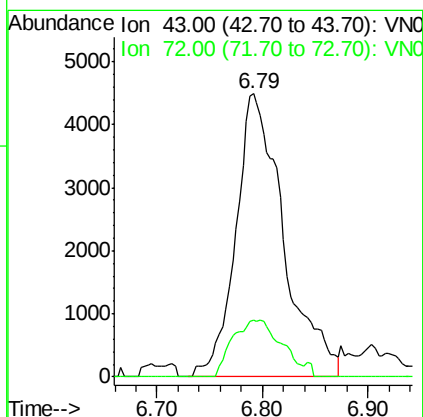
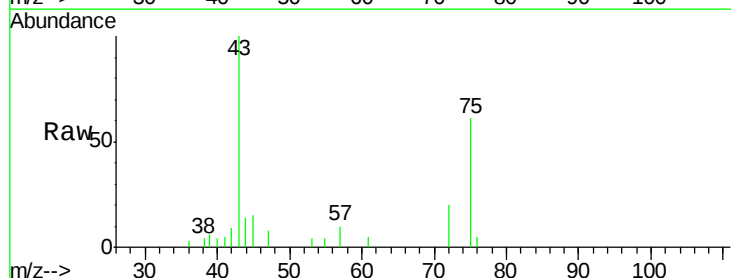
Instrument :
MSVOA_N
ClientSampleId :
KTS-WC-S-0102-0-92

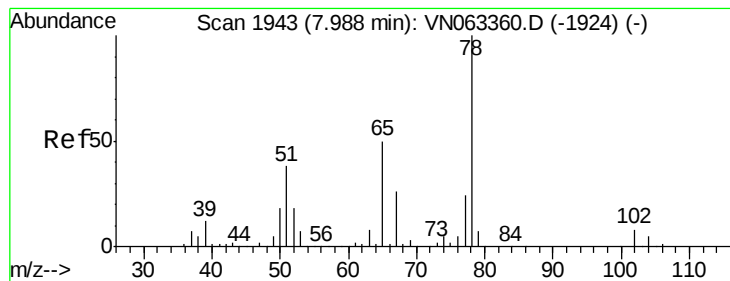
Tot Ion:	84	Resp:	9639
Ion	Ratio	Lower	Upper
84	100		
49	113.9	110.7	166.1
51	33.1	32.9	49.3
86	62.6	51.1	76.7



#25
2-Butanone
Concen: 8.806 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN063663.D
Acq: 25 Sep 2020 6:13

Tgt Ion:	43	Resp:	14184
Ion	Ratio	Lower	Upper
43	100		
72	20.0	19.2	28.8





#33

1,2-Dichloroethane-d4

Concen: 52.949 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063663.D

Acq: 25 Sep 2020 6:13

Instrument :

MSVOA_N

ClientSampleId :

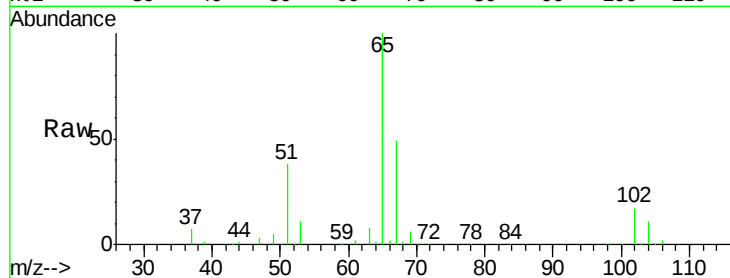
KTS-WC-S-0102-0-92

Tot Ion: 65 Resp: 172543

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

7.99

80000

60000

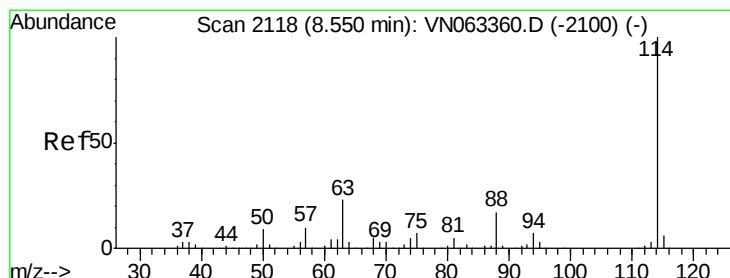
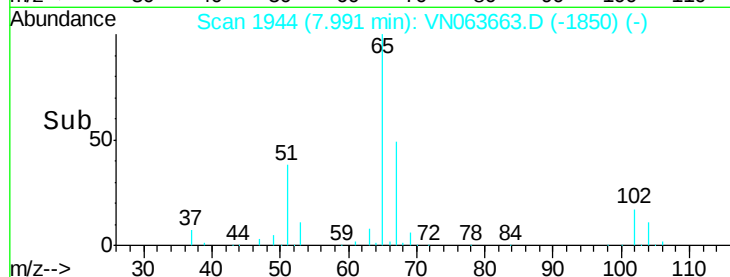
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063663.D

Acq: 25 Sep 2020 6:13

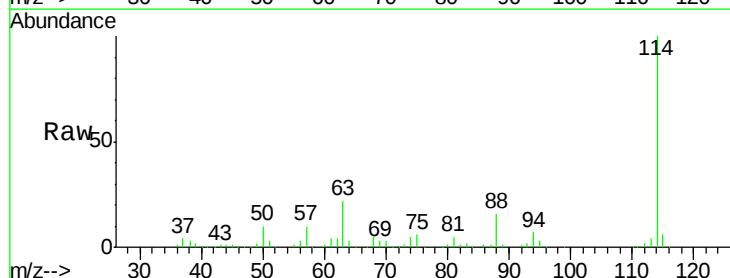
Tgt Ion: 114 Resp: 373598

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.4

88 16.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

8.55

200000

150000

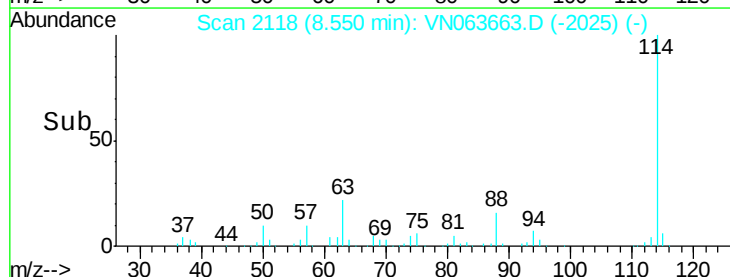
100000

50000

0

8.50 8.60

Time-->





#35

Dibromofluoromethane

Concen: 48.383 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063663.D

Acq: 25 Sep 2020 6:13

Instrument :

MSVOA_N

ClientSampleId :

KTS-WC-S-0102-0-92

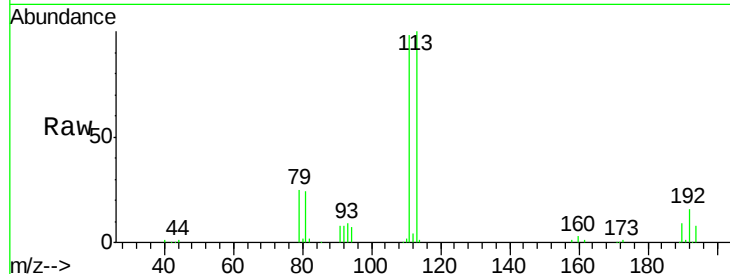
Tot Ion:113 Resp: 125136

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

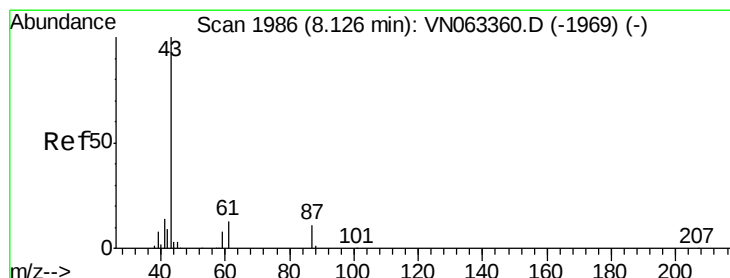
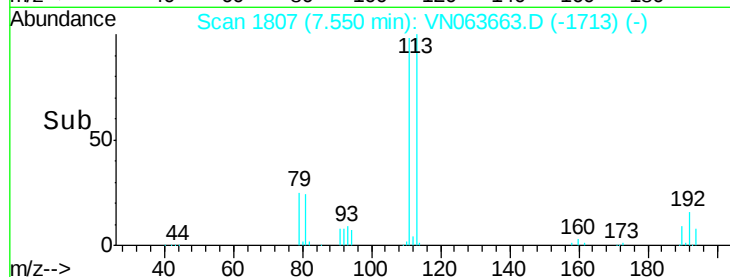
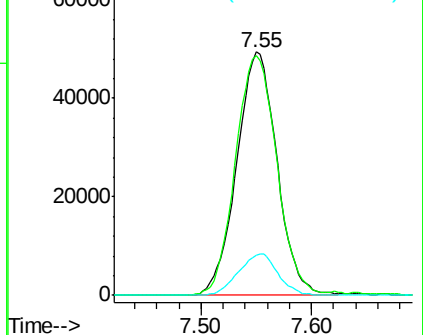
192 16.7 13.9 20.9



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



#43

Isopropyl Acetate

Concen: 8.539 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063663.D

Acq: 25 Sep 2020 6:13

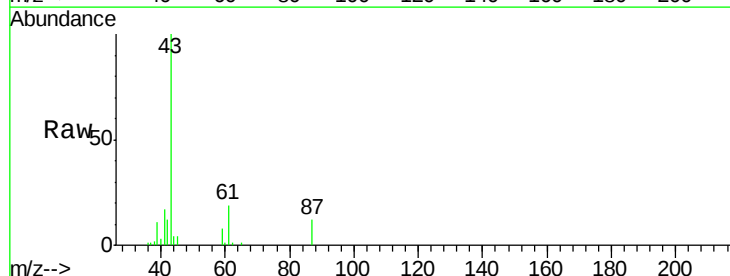
Tgt Ion: 43 Resp: 59647

Ion Ratio Lower Upper

43 100

61 17.4 14.2 21.2

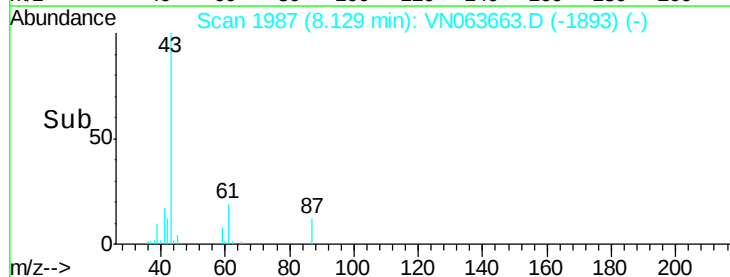
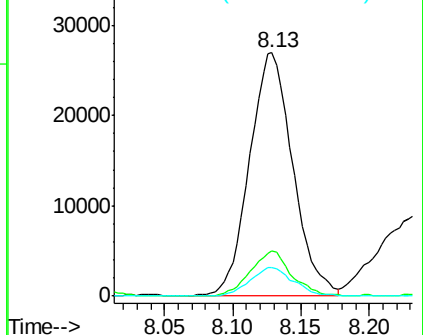
87 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.420 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063663.D

Acq: 25 Sep 2020 6:13

Instrument :

MSVOA_N

ClientSampleId :

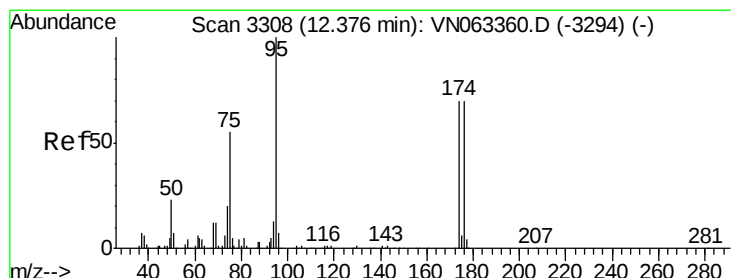
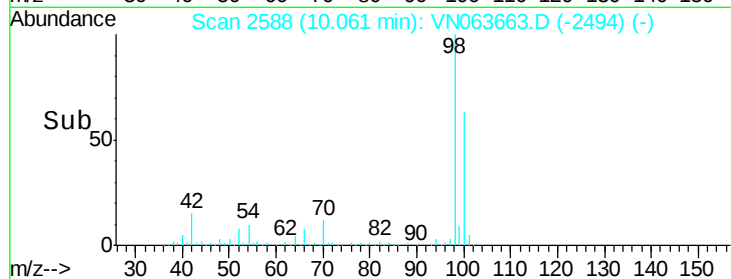
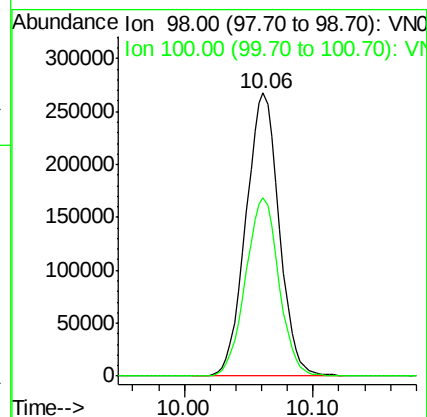
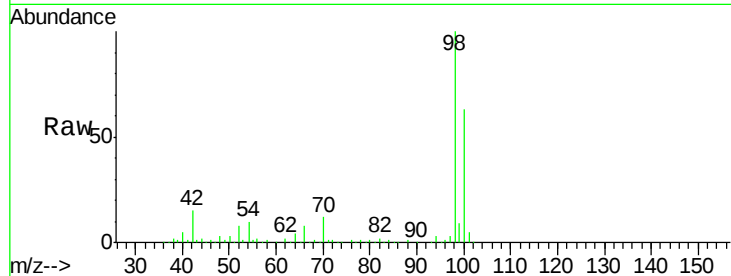
KTS-WC-S-0102-0-92

Tot Ion: 98 Resp: 480615

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.120 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063663.D

Acq: 25 Sep 2020 6:13

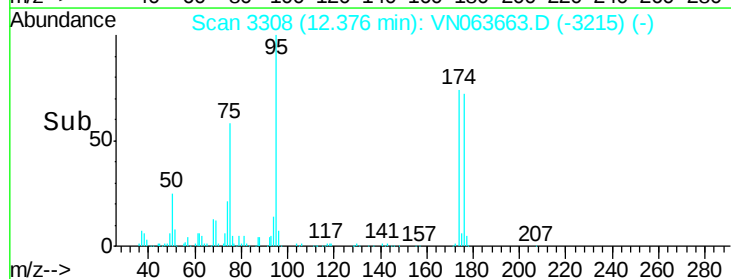
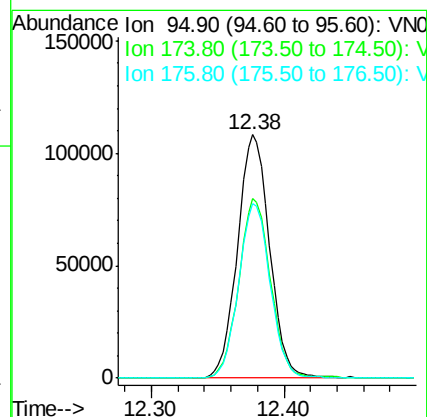
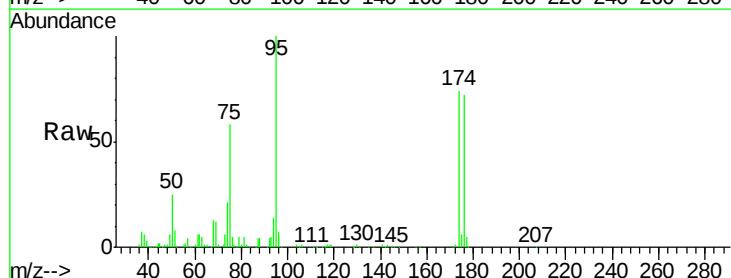
Tgt Ion: 95 Resp: 182246

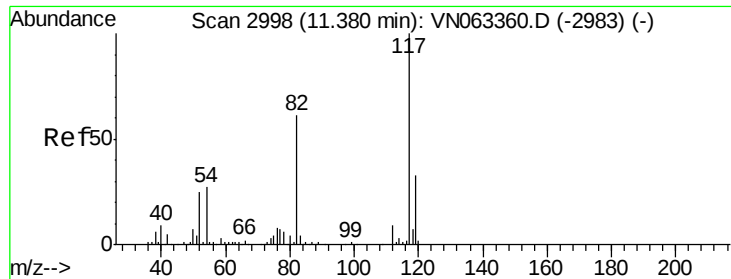
Ion Ratio Lower Upper

95 100

174 73.0 0.0 140.8

176 70.6 0.0 137.6

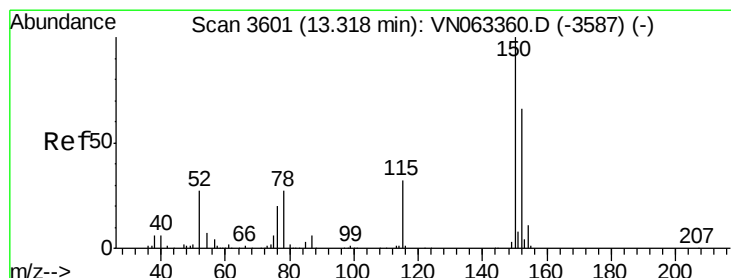
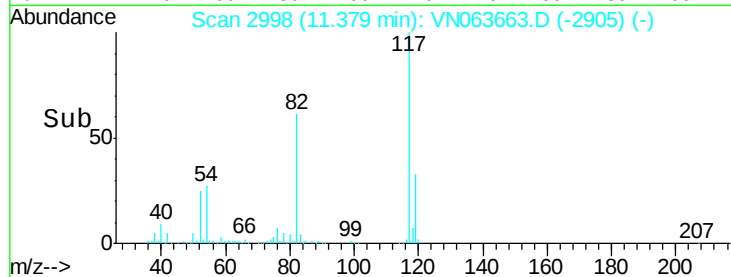
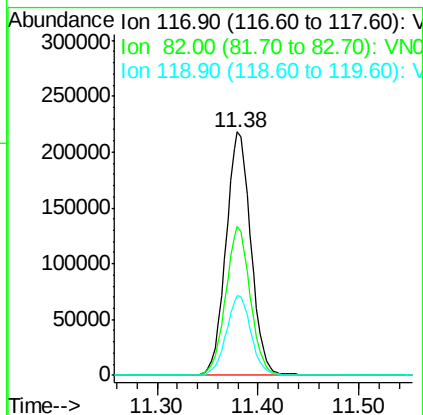
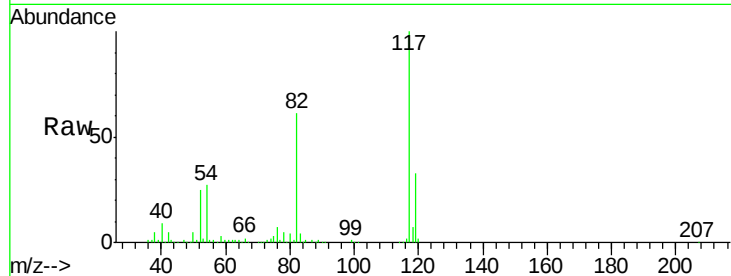




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063663.D
Acq: 25 Sep 2020 6:13

Instrument :
MSVOA_N
ClientSampleId :
KTS-WC-S-0102-0-92

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	49.2	73.8
119	32.7	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: VN063663.D
Acq: 25 Sep 2020 6:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	32.2	96.6
150	156.0	0.0	343.4

