

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063681.D
 Acq On : 25 Sep 2020 16:19
 Operator : JC/MD
 Sample : L4119-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20200922

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 10:40:46 AM

Quant Time: Sep 28 02:50:26 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	195501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	371097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	375399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171164	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	7.55	113	123167	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	10.06	98	475745	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.38	95	185421	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
Target Compounds						
16) Acetone	3.79	43	2773m	2.593	ug/l	
44) Trichloroethene	8.80	130	28304	10.340	ug/l	95

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

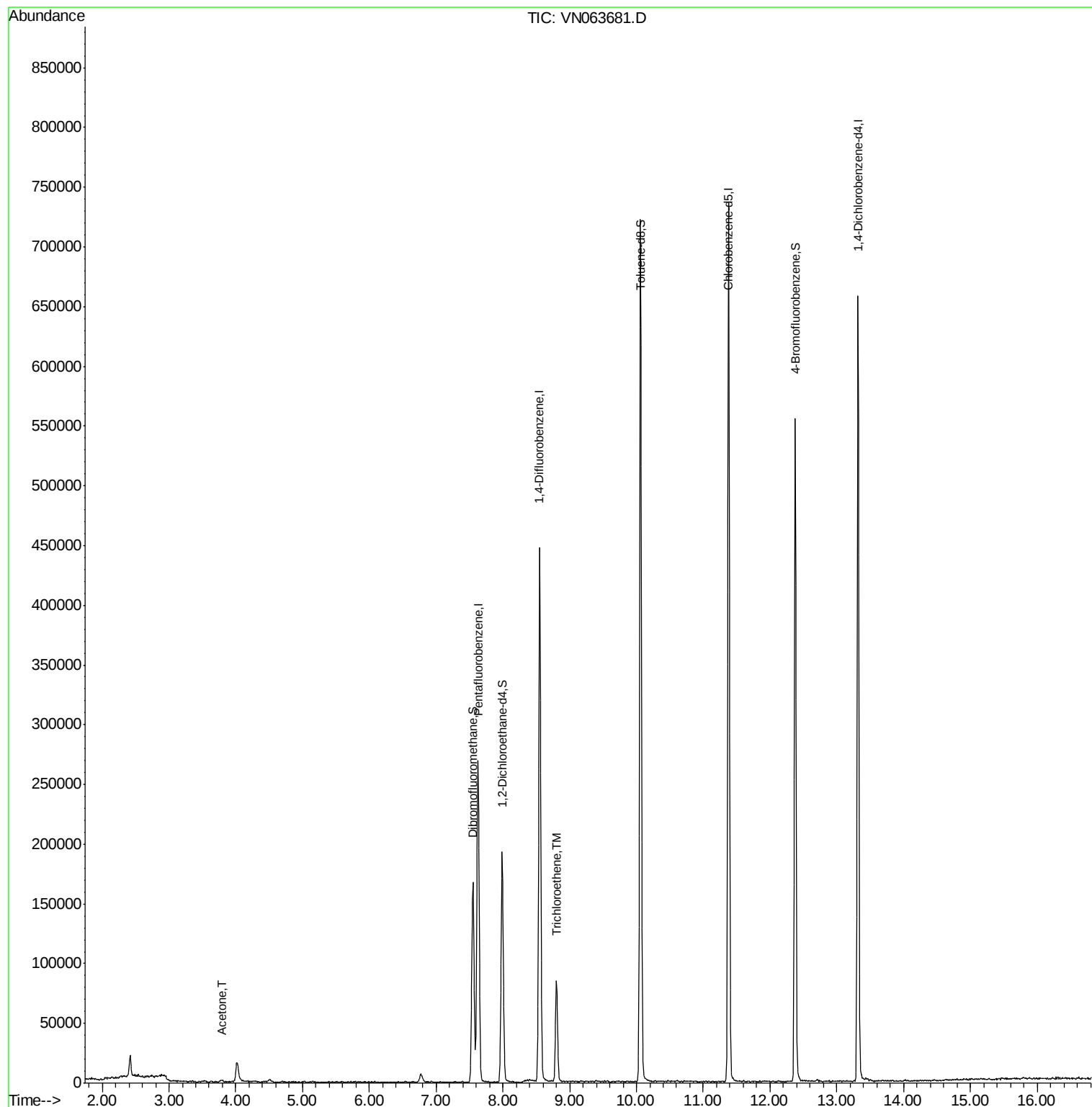
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\
Data File : VN063681.D
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN063681.D

Acq: 25 Sep 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20200922

Tot Ion:168 Resp: 195501

Ion Ratio Lower Upper

168 100

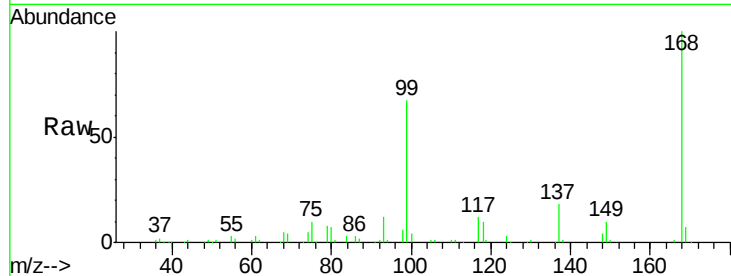
99 66.7 53.0 79.6

Manual Integrations

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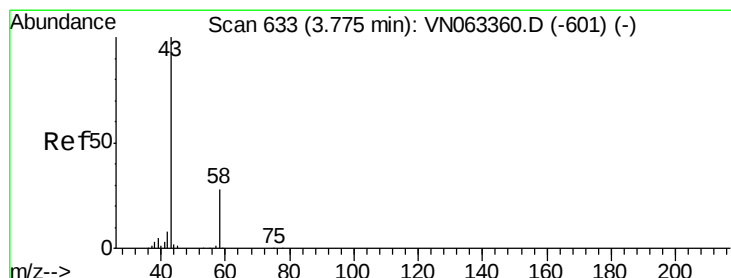
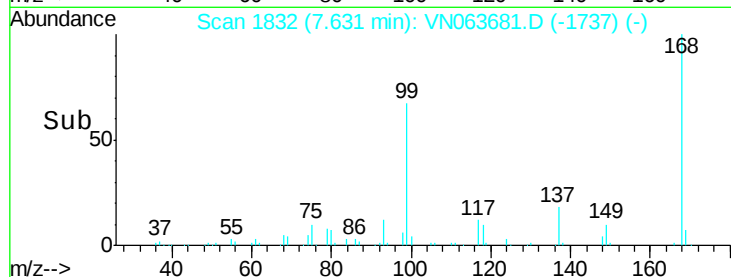
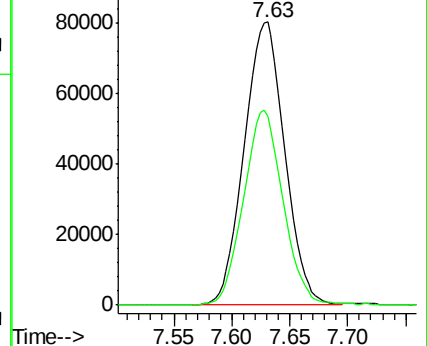
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 2.593 ug/l m

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN063681.D

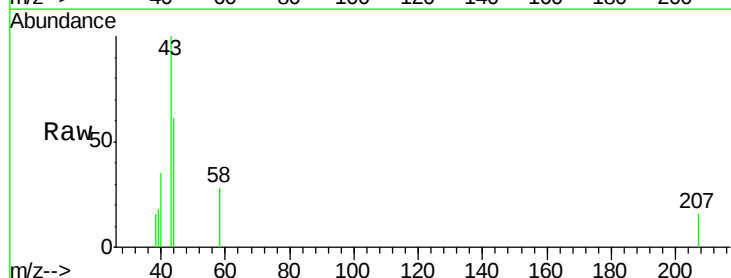
Acq: 25 Sep 2020 16:19

Tgt Ion: 43 Resp: 2773

Ion Ratio Lower Upper

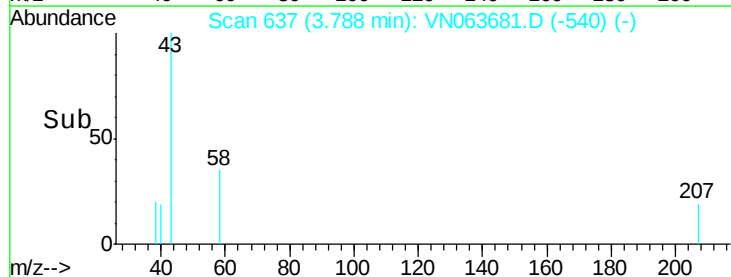
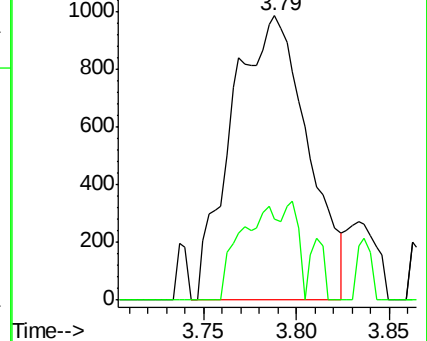
43 100

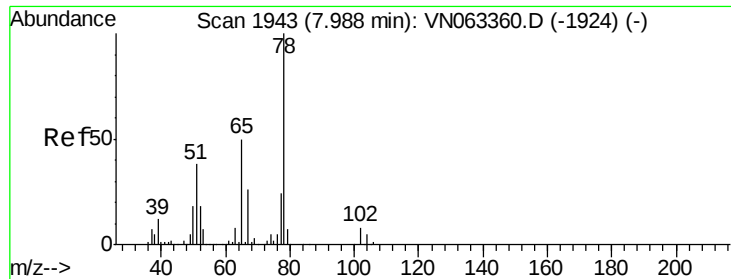
58 28.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.432 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063681.D

Acq: 25 Sep 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20200922

Tot Ion: 65 Resp: 171164

Ion Ratio Lower Upper

65 100

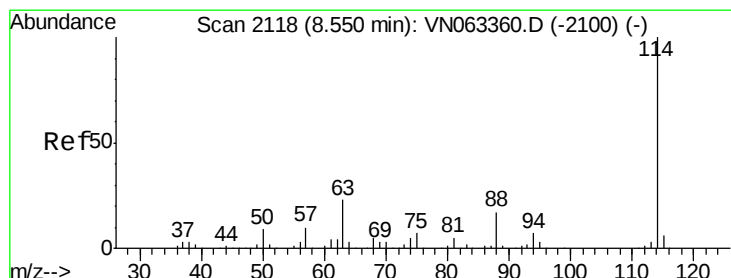
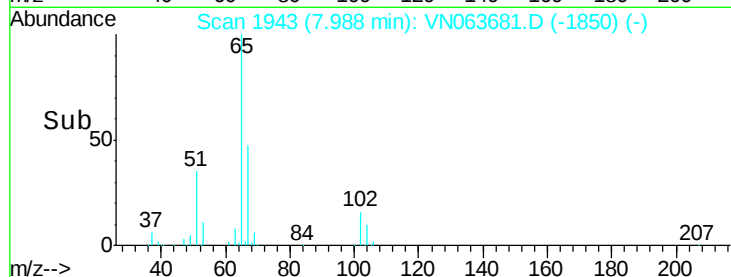
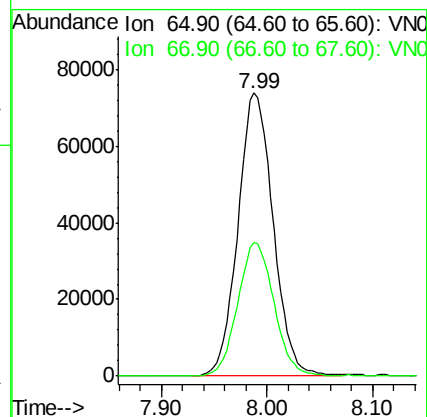
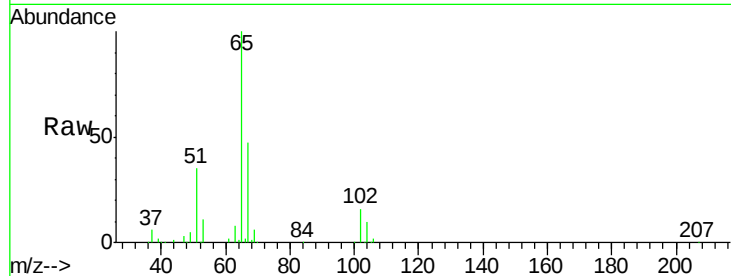
67 48.7 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063681.D

Acq: 25 Sep 2020 16:19

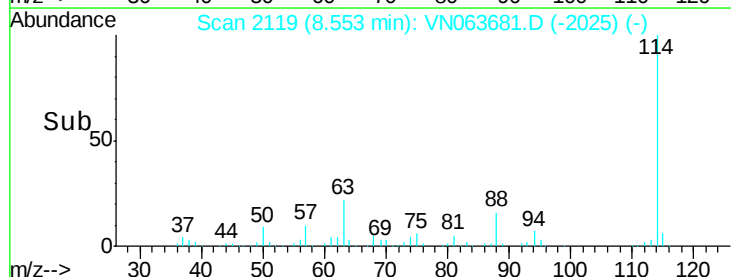
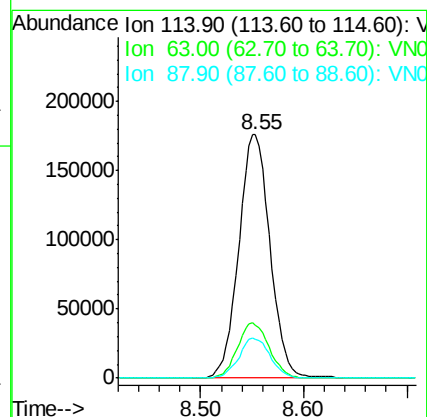
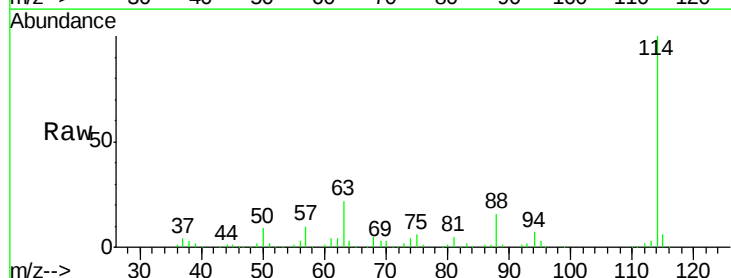
Tgt Ion: 114 Resp: 371097

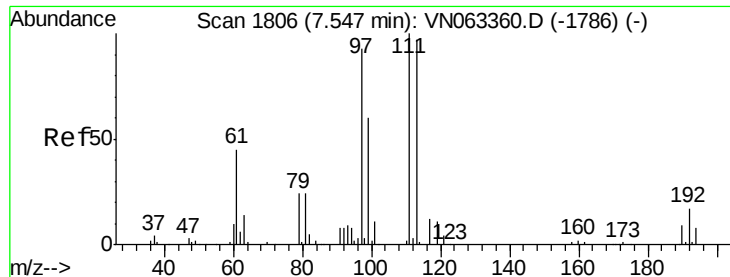
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.4

88 16.1 0.0 33.2





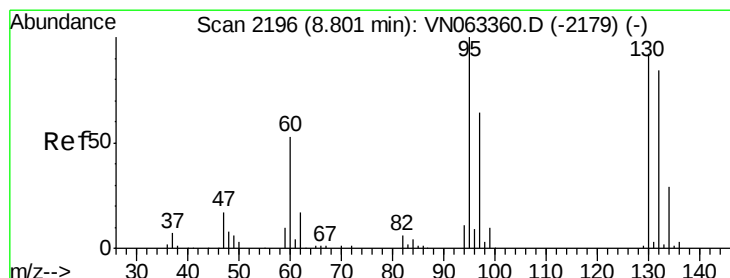
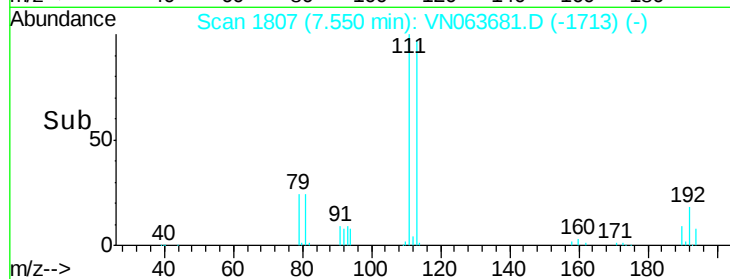
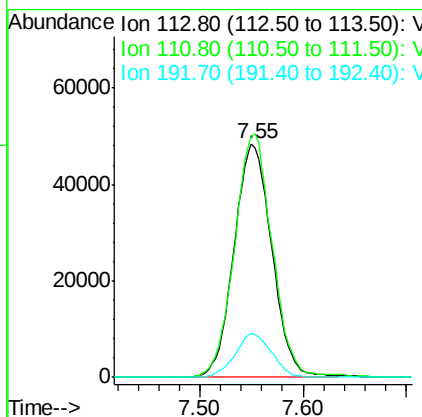
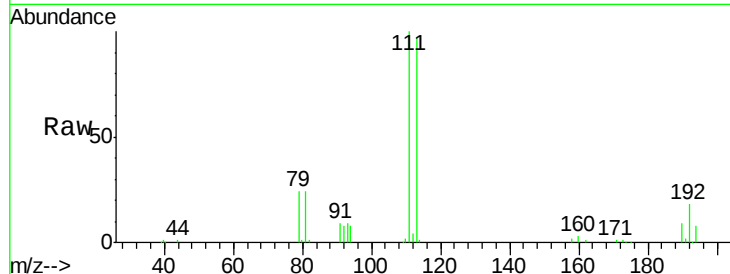
#35
 Dibromofluoromethane
 Concen: 47.943 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063681.D
 Acq: 25 Sep 2020 16:19

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20200922

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123167		
111	103.7	82.9	124.3	
192	18.0	13.9	20.9	

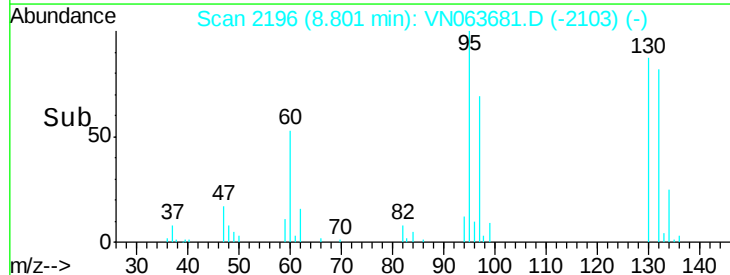
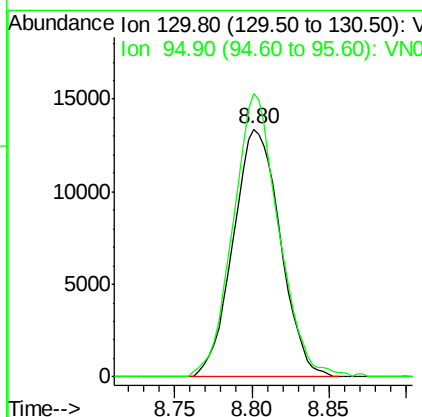
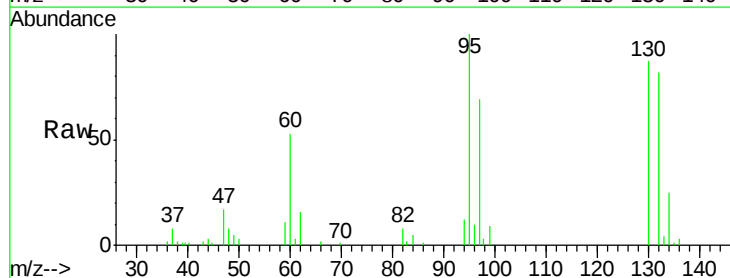
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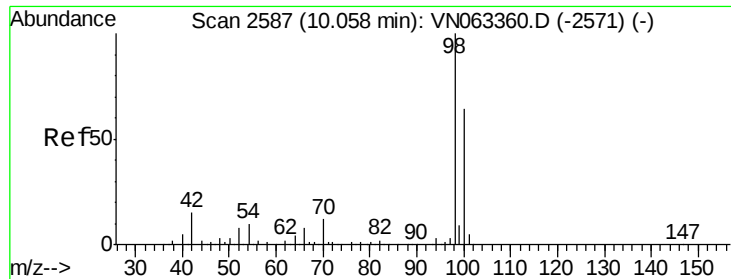
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#44
 Trichloroethene
 Concen: 10.340 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN063681.D
 Acq: 25 Sep 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	28304		
95	114.3	0.0	217.4	





#50

Toluene-d8

Concen: 49.249 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063681.D

Acq: 25 Sep 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20200922

Tot Ion: 98 Resp: 475745

Ion Ratio Lower Upper

98 100

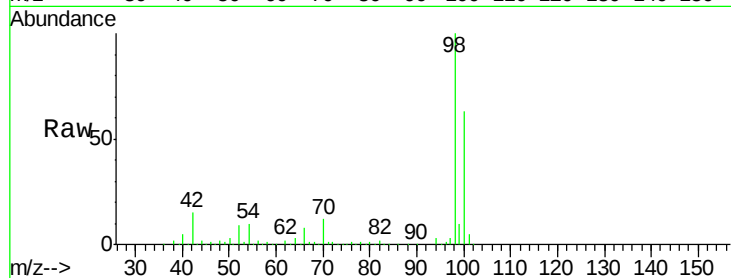
100 63.0 50.7 76.1

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Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

250000

200000

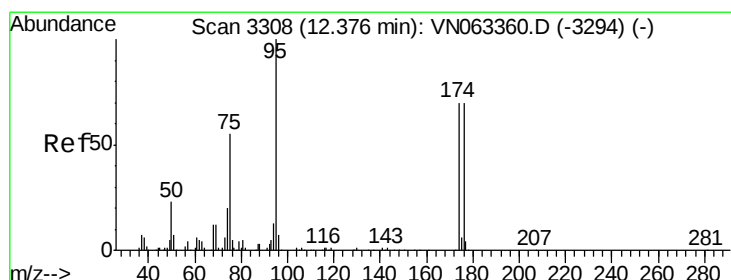
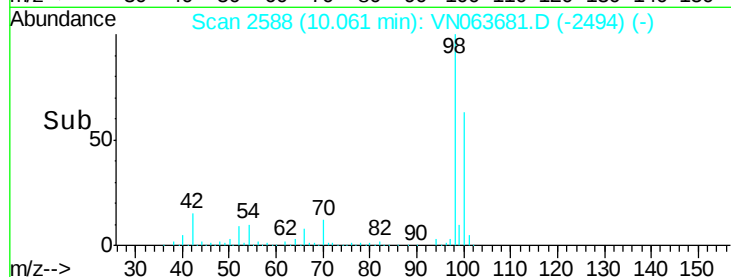
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.361 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063681.D

Acq: 25 Sep 2020 16:19

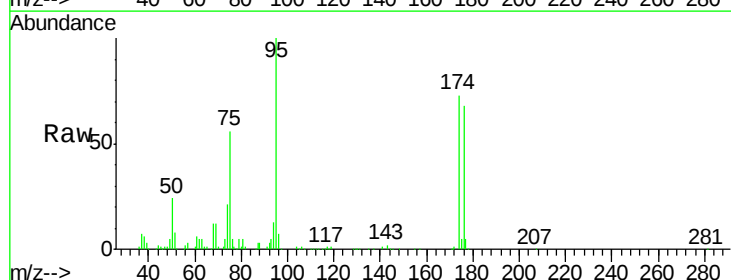
Tgt Ion: 95 Resp: 185421

Ion Ratio Lower Upper

95 100

174 72.0 0.0 140.8

176 69.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

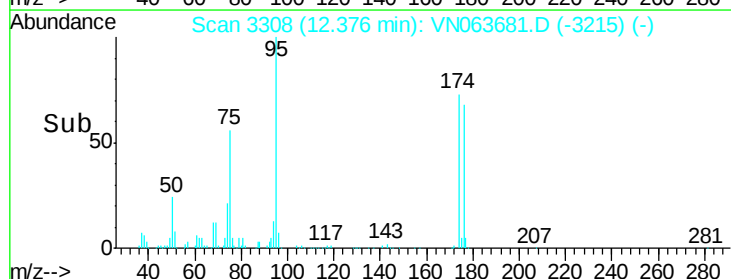
150000

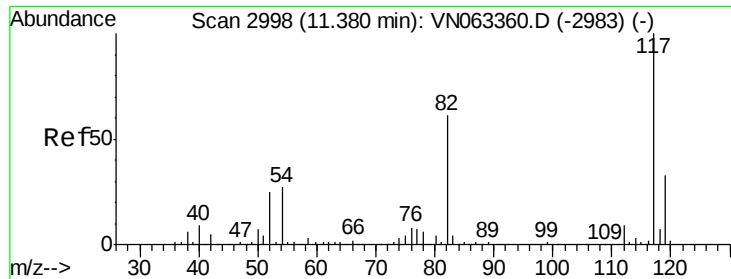
100000

50000

0

Time-->





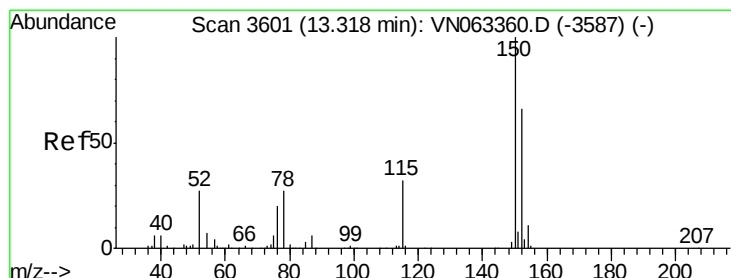
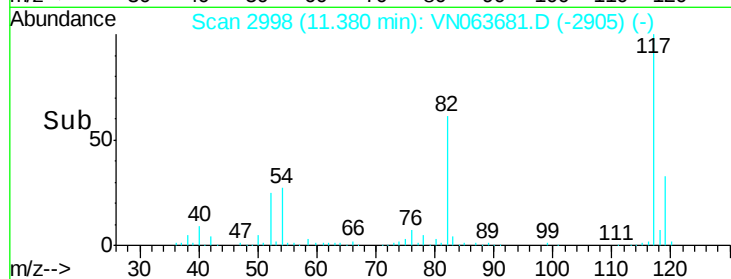
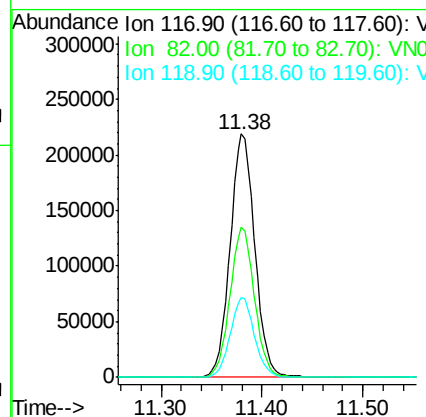
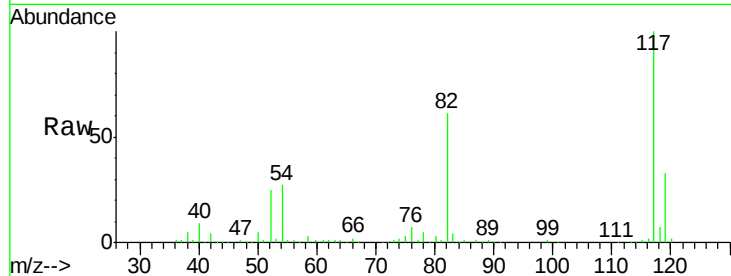
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063681.D
Acq: 25 Sep 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20200922

Tot Ion	Ratio	Resp	Lower	Upper
117	100	375399		
82	61.5	49.2	73.8	
119	32.9	26.2	39.4	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063681.D
Acq: 25 Sep 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156333		
115	64.9	32.2	96.6	
150	159.9	0.0	343.4	

