

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064167.D
 Acq On : 16 Oct 2020 16:21
 Operator : JC/MD
 Sample : L4227-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-01-101420

Quant Time: Oct 17 01:57:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

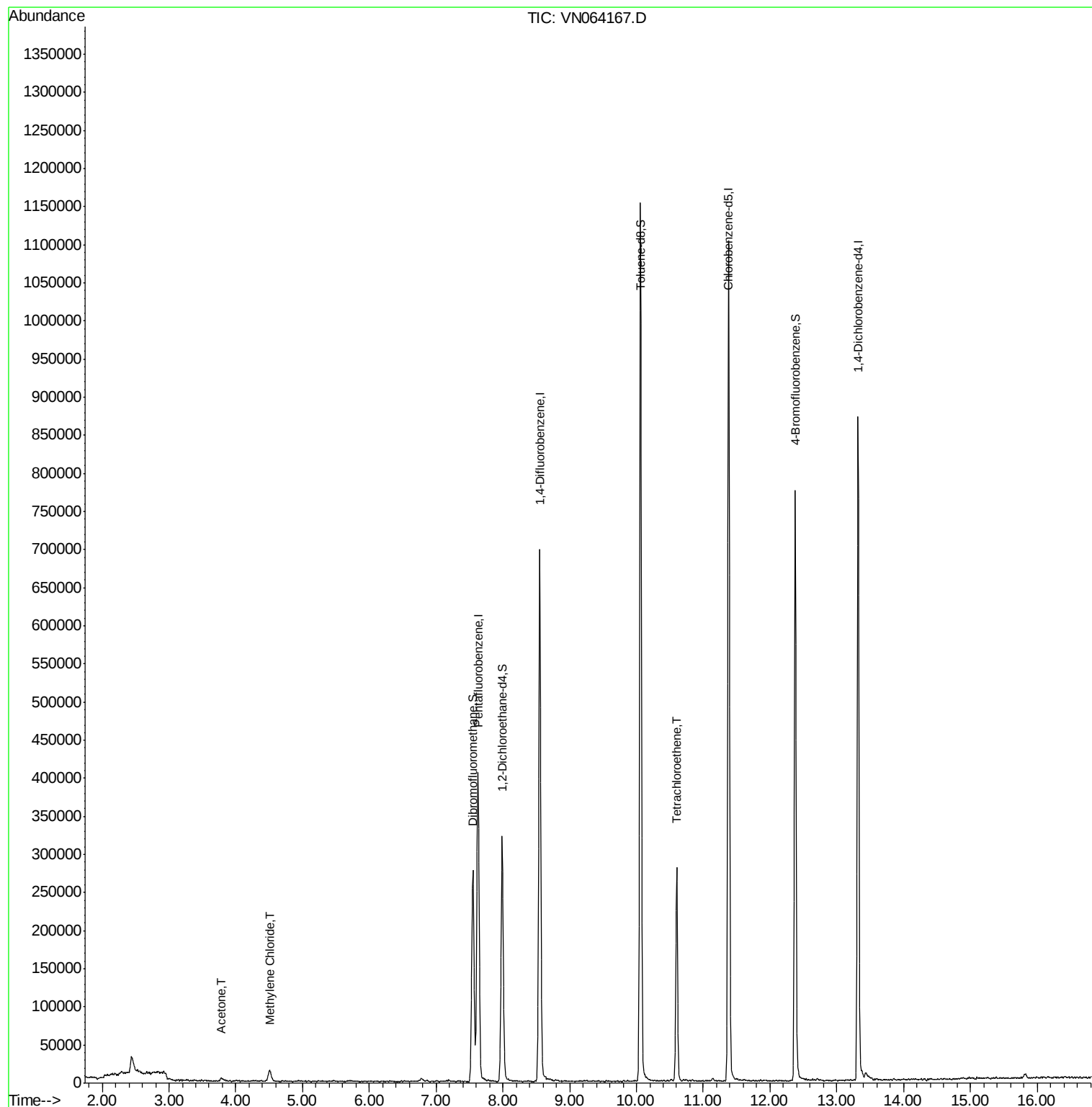
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	309427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	598265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	619563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	226614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	272582	61.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.70%	
35) Dibromofluoromethane	7.55	113	212591	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.06	98	784945	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.38	95	264157	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
Target Compounds						
16) Acetone	3.78	43	8819	6.747	ug/l	94
20) Methylene Chloride	4.51	84	10469	2.588	ug/l #	90
64) Tetrachloroethene	10.60	164	62532	13.387	ug/l	98

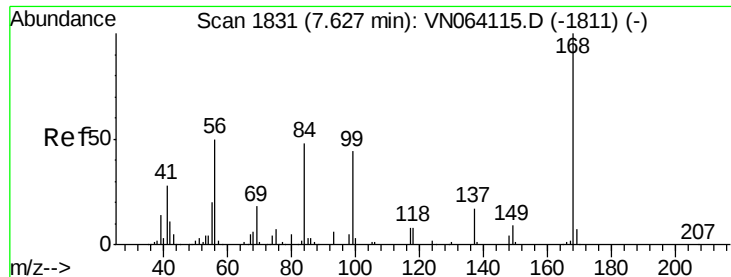
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064167.D

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Instrument :

MSVOA_N

ClientSampleId :

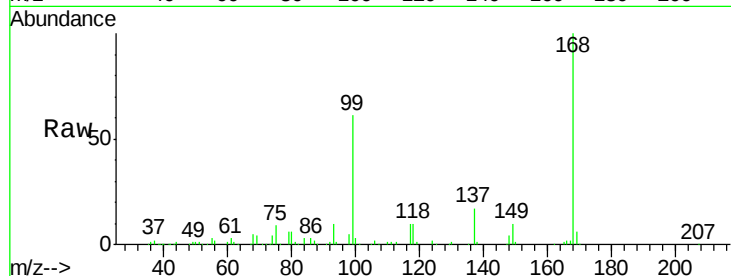
BU-01-101420

Tot Ion:168 Resp: 309427

Ion Ratio Lower Upper

168 100

99 61.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

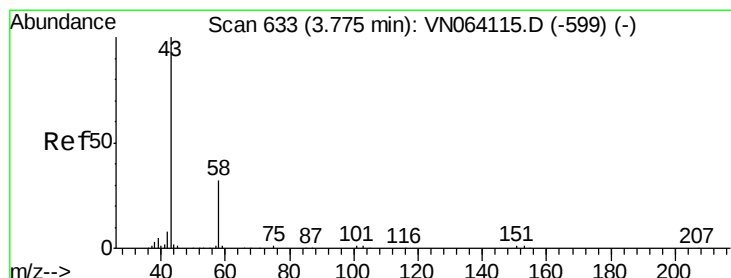
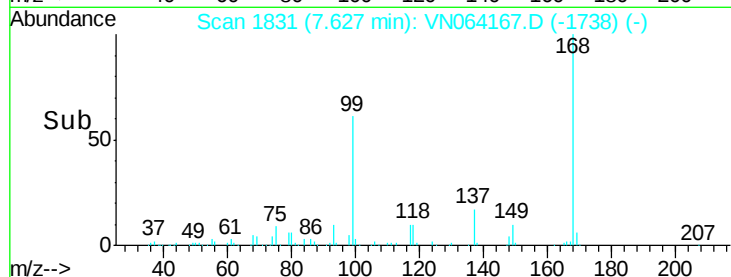
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.747 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064167.D

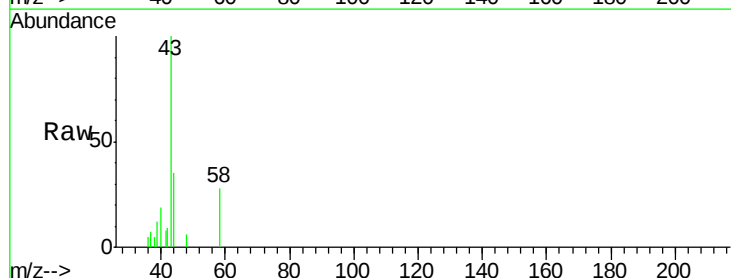
Acq: 16 Oct 2020 16:21

Tgt Ion: 43 Resp: 8819

Ion Ratio Lower Upper

43 100

58 27.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

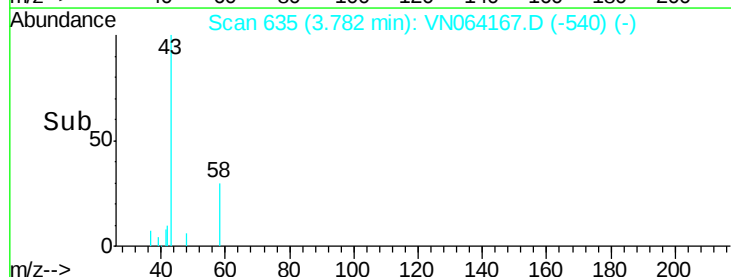
3000

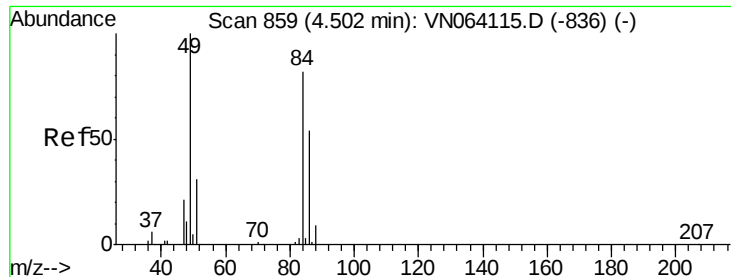
2000

1000

0

Time-->

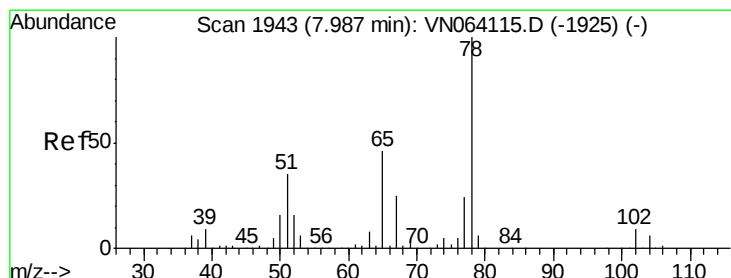
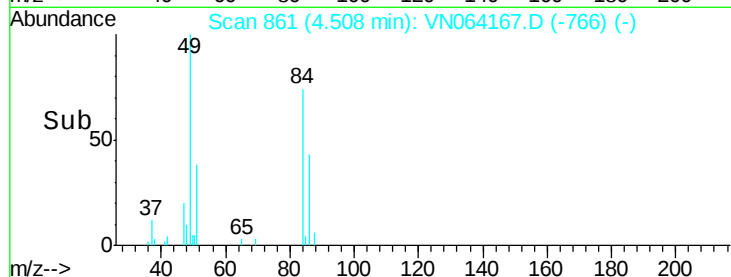
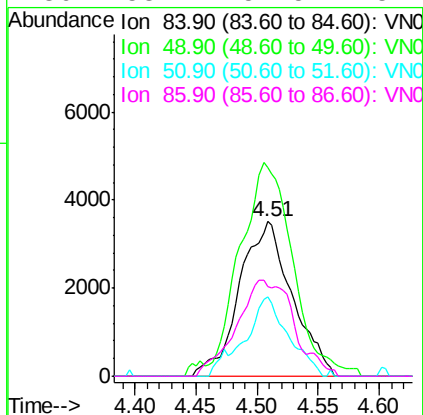
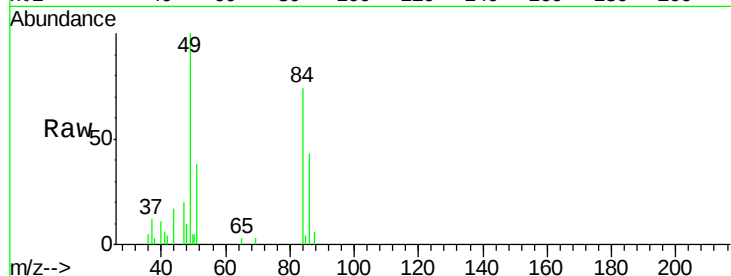




#20
Methvlene Chloride
Concen: 2.588 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064167.D
Acq: 16 Oct 2020 16:21

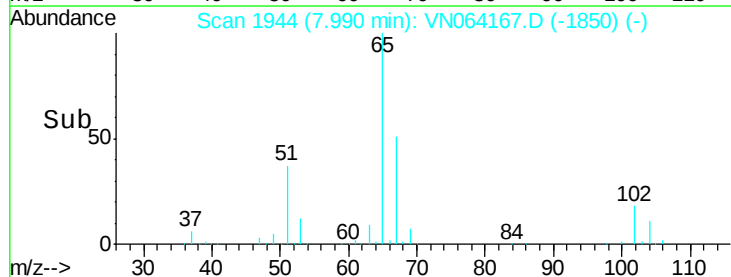
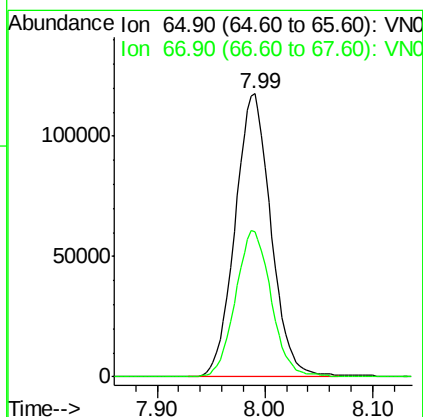
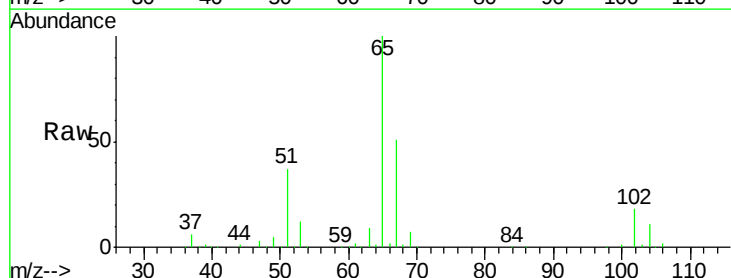
Instrument :
MSVOA_N
ClientSampleId :
BU-01-101420

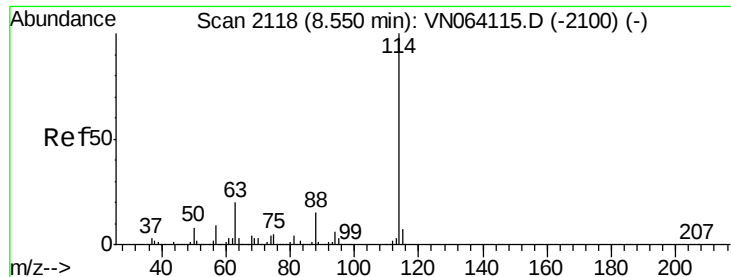
Tot Ion: 84 Resp: 10469
Ion Ratio Lower Upper
84 100
49 129.5 97.4 146.0
51 51.1 29.7 44.5#
86 58.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 61.854 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064167.D
Acq: 16 Oct 2020 16:21

Tgt Ion: 65 Resp: 272582
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.6

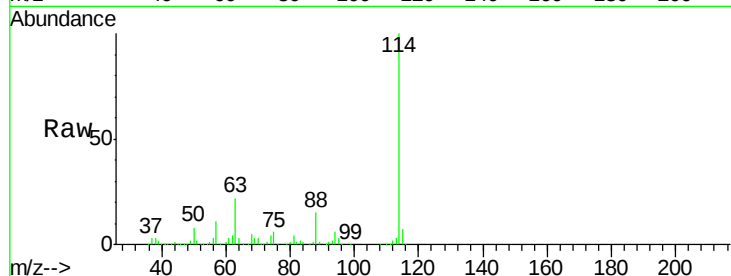




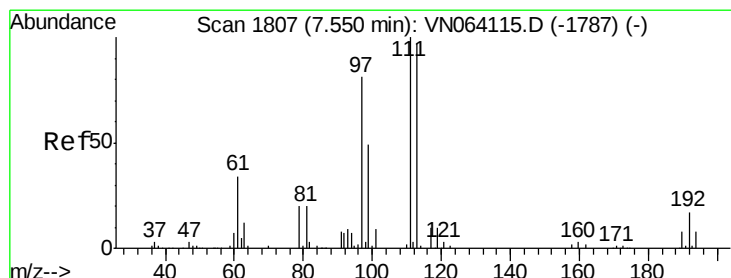
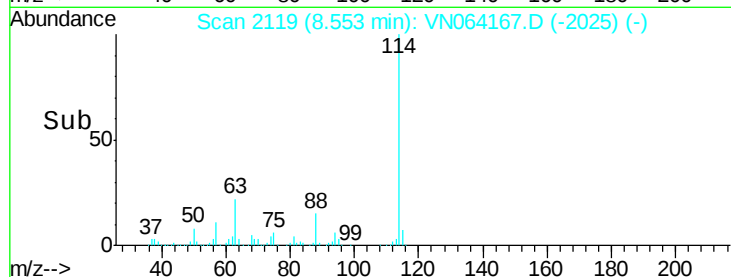
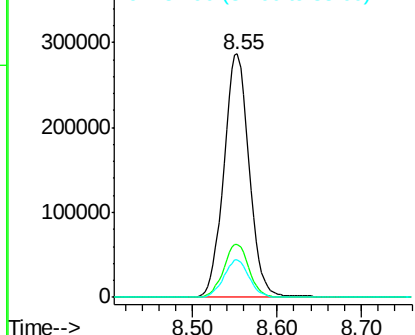
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064167.D
 Acq: 16 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-01-101420

Tot Ion:114	Resp:	598265
Ion Ratio	Lower	Upper
114 100		
63 21.9	0.0	41.0
88 15.5	0.0	29.2

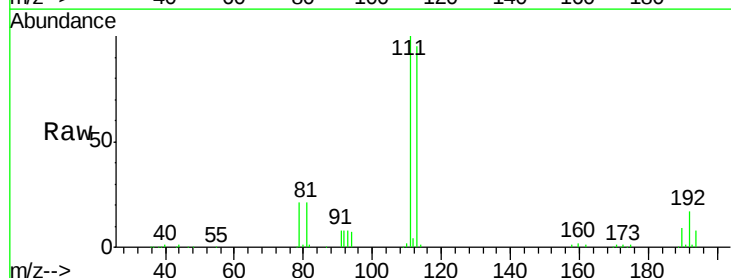


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

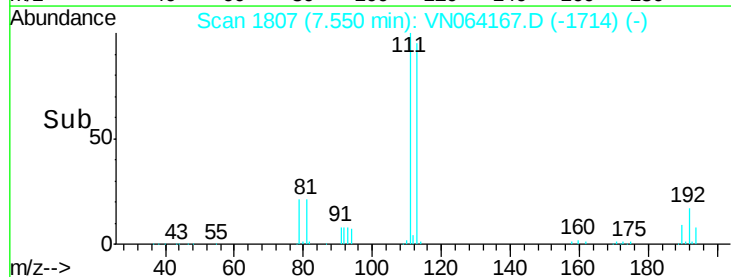
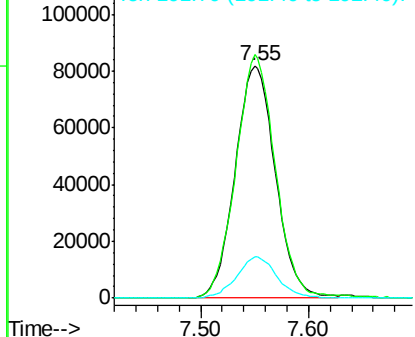


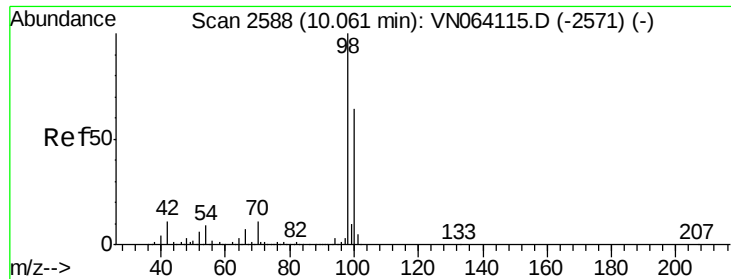
#35
 Dibromofluoromethane
 Concen: 51.339 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064167.D
 Acq: 16 Oct 2020 16:21

Tgt Ion:113	Resp:	212591
Ion Ratio	Lower	Upper
113 100		
111 102.9	81.9	122.9
192 17.8	14.3	21.5



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: 50.239 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064167.D

Acq: 16 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

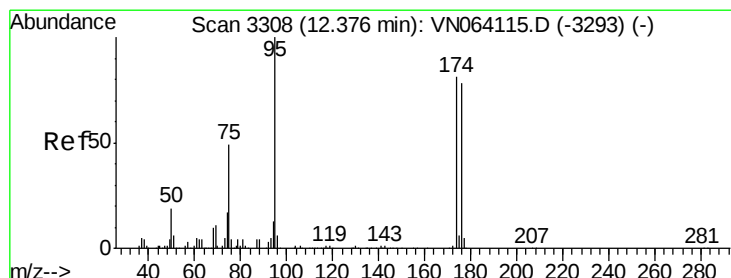
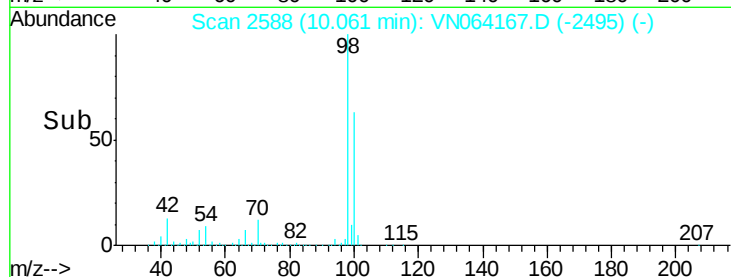
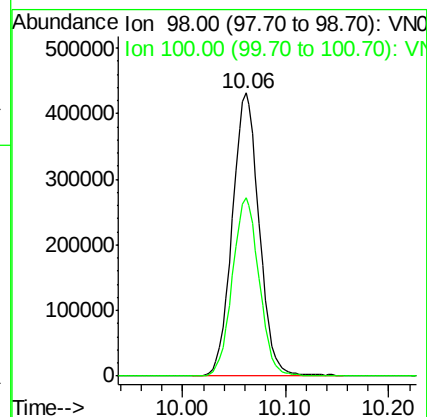
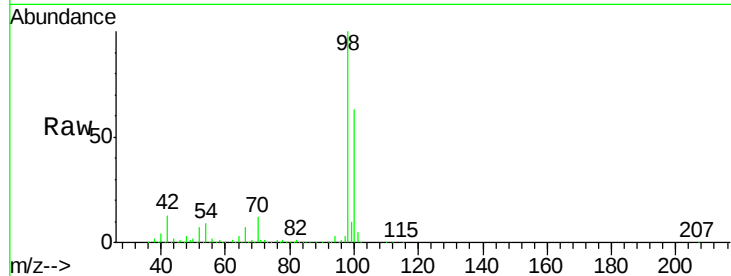
BU-01-101420

Tot Ion: 98 Resp: 784945

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 49.187 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064167.D

Acq: 16 Oct 2020 16:21

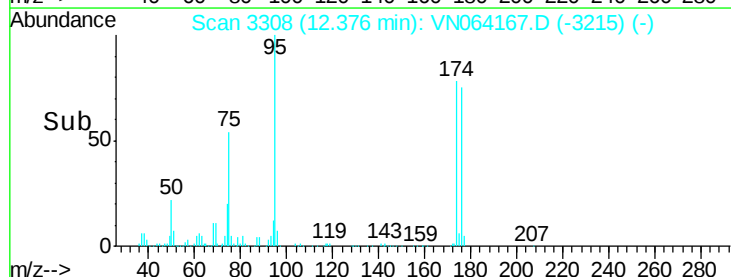
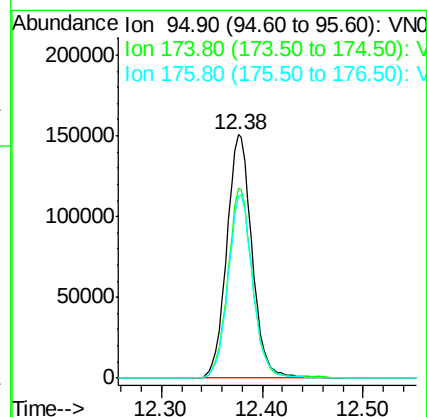
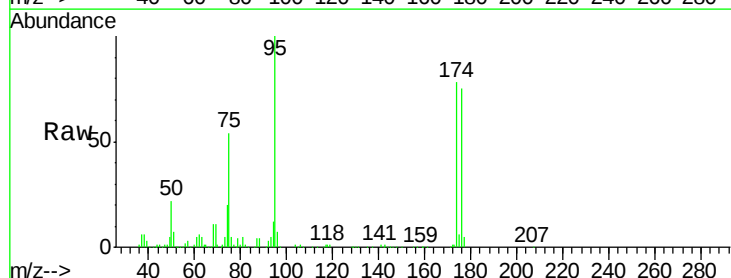
Tgt Ion: 95 Resp: 264157

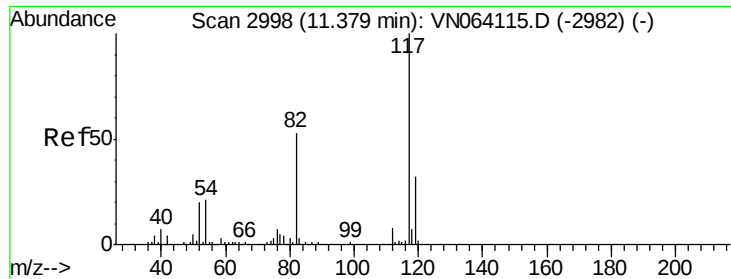
Ion Ratio Lower Upper

95 100

174 75.9 0.0 164.8

176 73.0 0.0 157.8

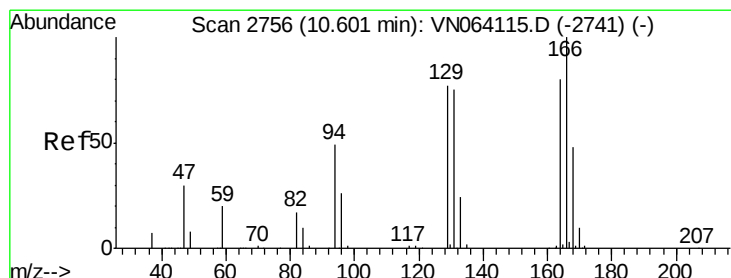
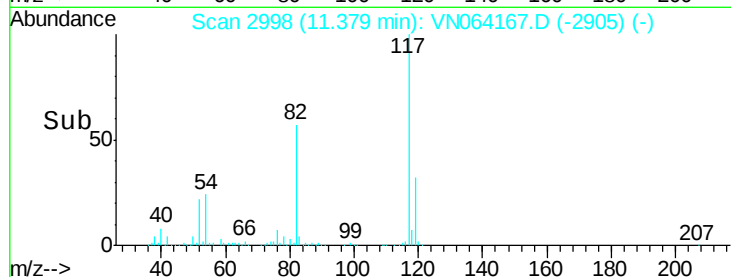
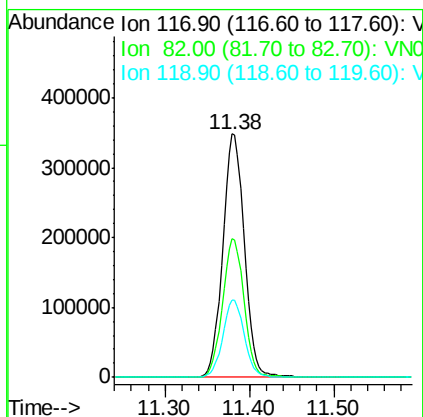
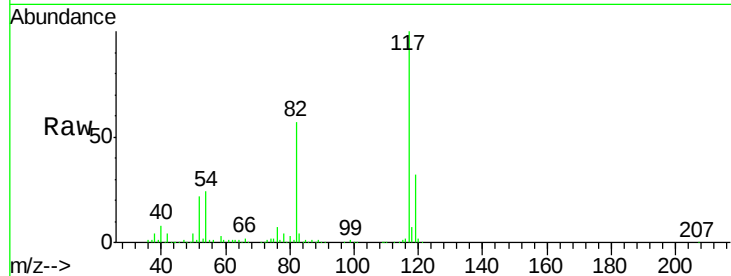




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064167.D
Acq: 16 Oct 2020 16:21

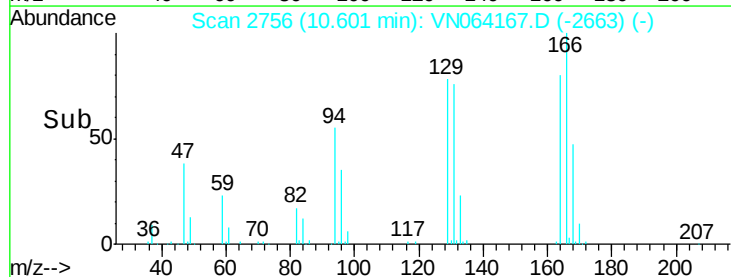
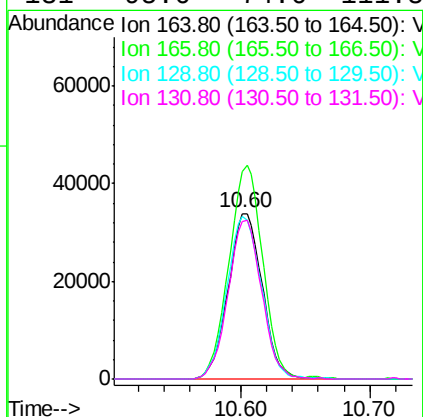
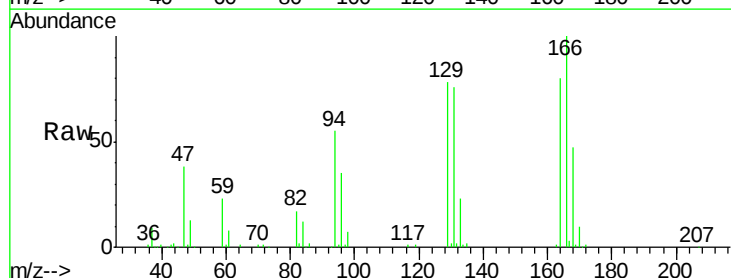
Instrument :
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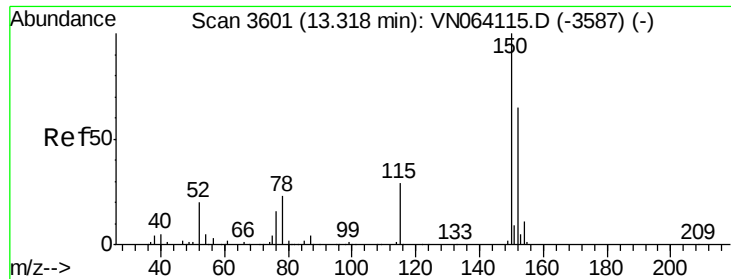
Tot Ion:117 Resp: 619563
Ion Ratio Lower Upper
117 100
82 56.8 42.6 63.8
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 13.387 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064167.D
Acq: 16 Oct 2020 16:21

Tgt Ion:164 Resp: 62532
Ion Ratio Lower Upper
164 100
166 125.2 99.7 149.5
129 98.1 77.0 115.4
131 95.6 74.6 111.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064167.D

Acq: 16 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

BU-01-101420

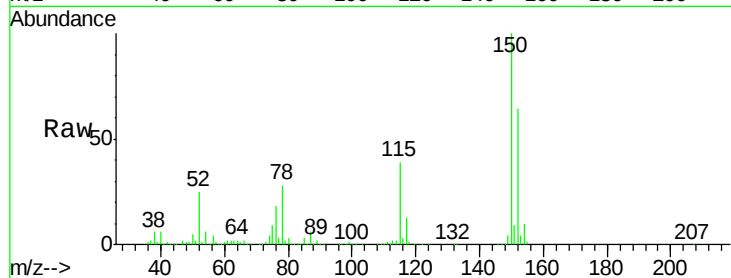
Tot Ion:152 Resp: 226614

Ion Ratio Lower Upper

152 100

115 61.6 29.3 87.8

150 158.0 0.0 346.0



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

