

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064029.D
 Acq On : 9 Oct 2020 8:28
 Operator : JC/MD
 Sample : L4296-02 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31281

Quant Time: Oct 09 12:30:40 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

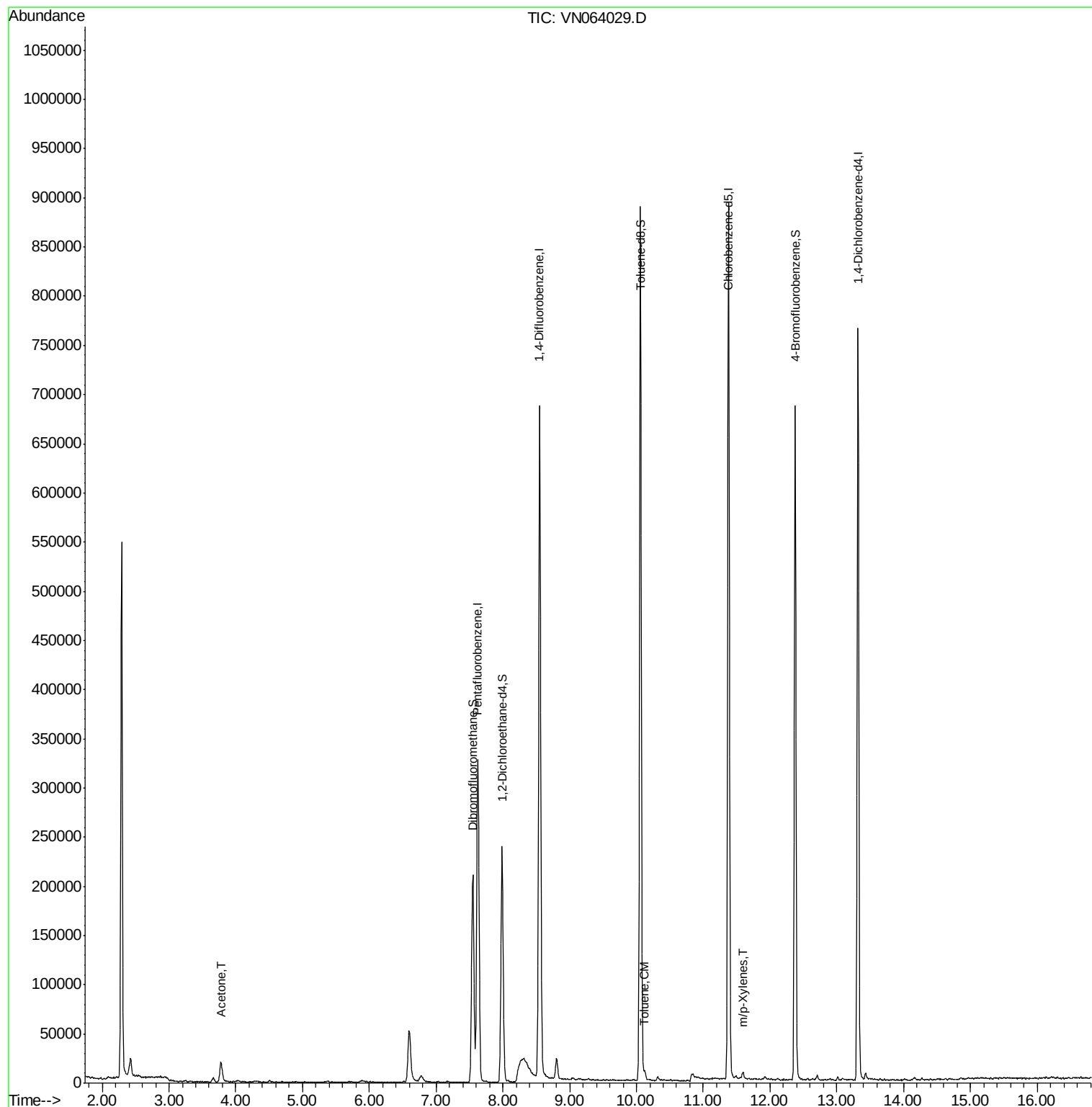
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	252920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	478524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	487592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	209545	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	7.55	113	158847	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.06	98	593575	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.38	95	231795	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
Target Compounds						
16) Acetone	3.78	43	36827	28.631	ug/l	100
52) Toluene	10.12	92	2721	0.318	ug/l	96
68) m/p-Xylenes	11.59	106	2513	0.370	ug/l	74

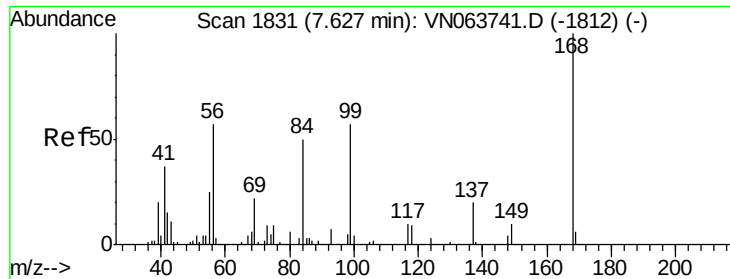
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064029.D

Acq: 9 Oct 2020 8:28

Instrument :

MSVOA_N

ClientSampled :

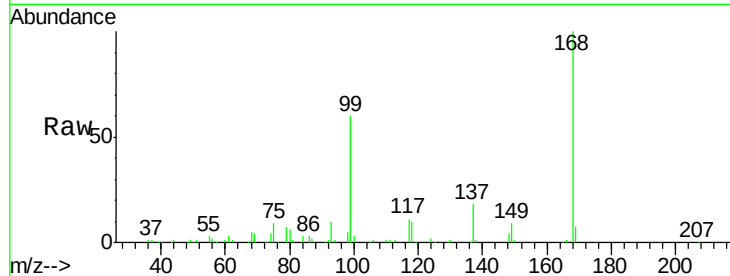
31281

Tot Ion:168 Resp: 252920

Ion Ratio Lower Upper

168 100

99 60.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

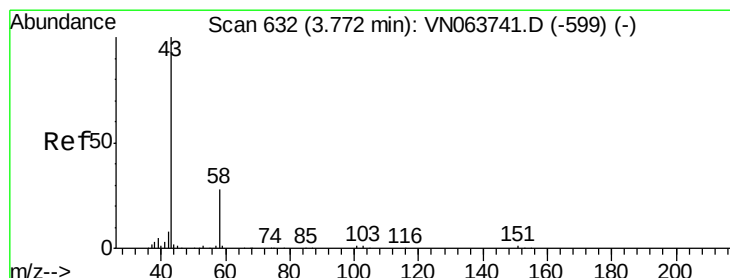
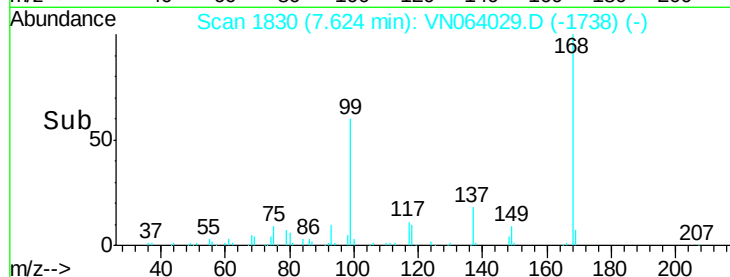
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 28.631 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064029.D

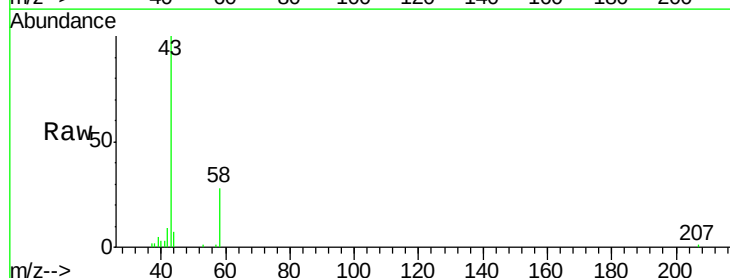
Acq: 9 Oct 2020 8:28

Tgt Ion: 43 Resp: 36827

Ion Ratio Lower Upper

43 100

58 27.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

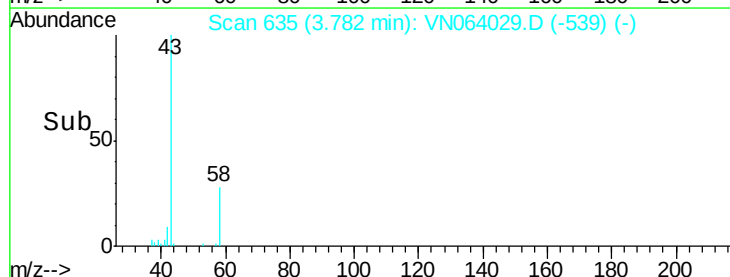
15000

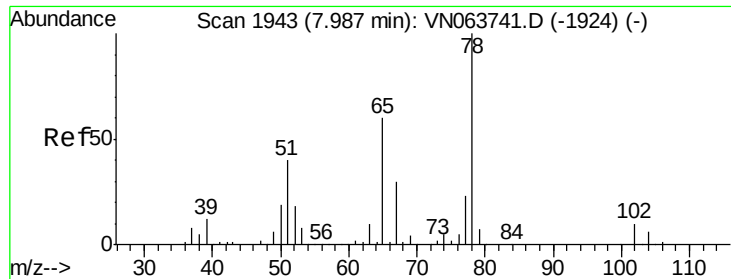
10000

5000

0

Time--> 3.70 3.80 3.90

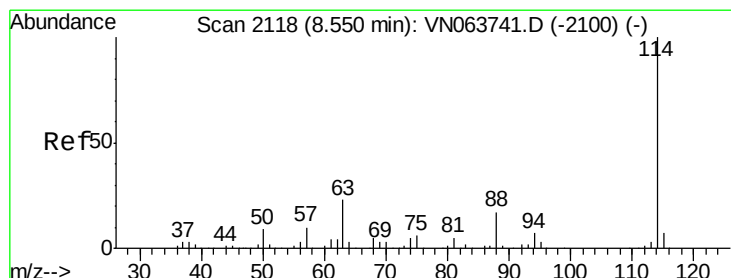
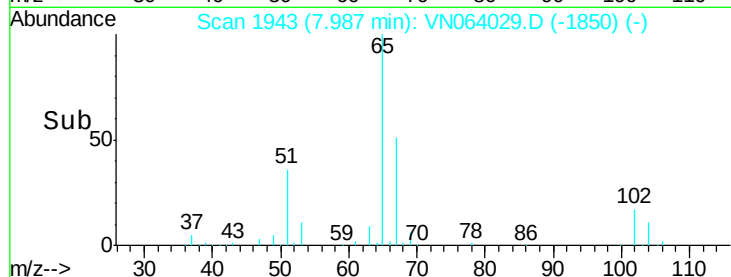
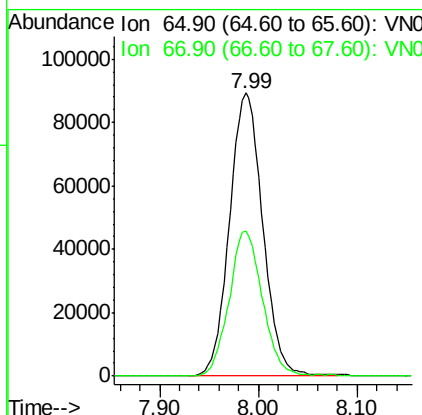
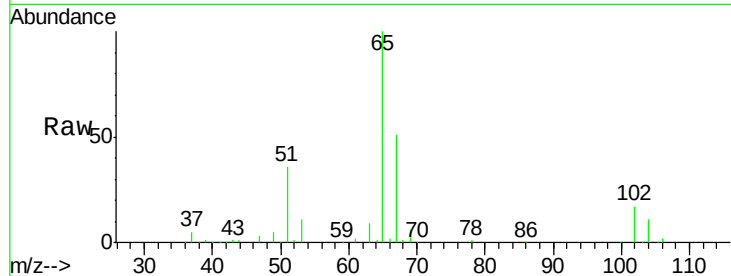




#33
 1,2-Dichloroethane-d4
 Concen: 50.149 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064029.D
 Acq: 9 Oct 2020 8:28

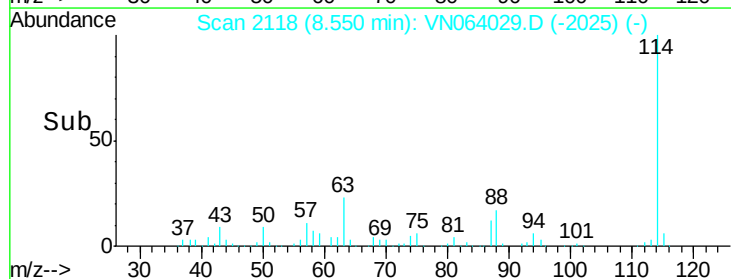
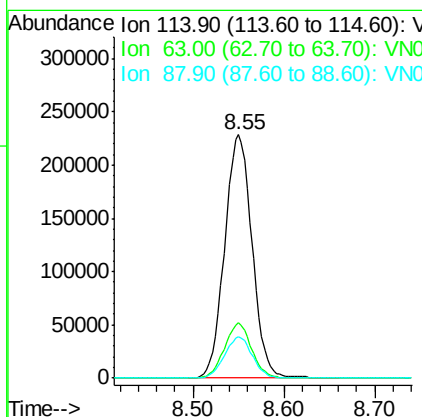
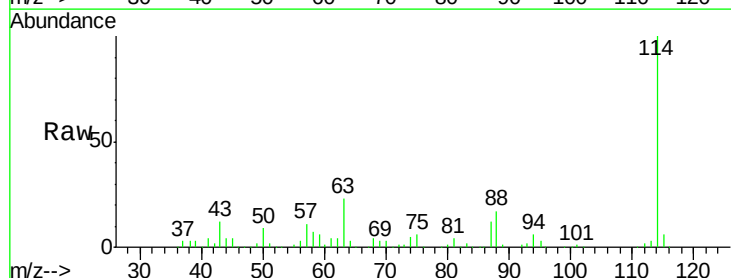
Instrument :
 MSVOA_N
 ClientSampleId :
 31281

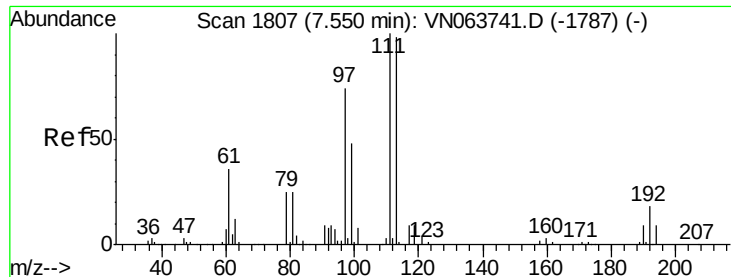
Tot Ion: 65 Resp: 209545
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064029.D
 Acq: 9 Oct 2020 8:28

Tgt Ion: 114 Resp: 478524
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.9 0.0 34.0

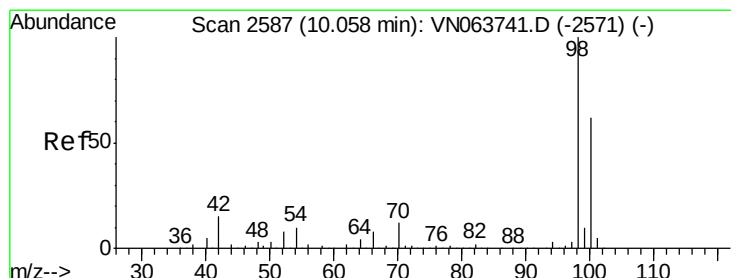
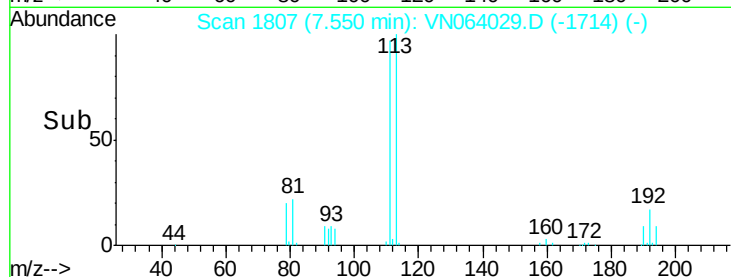
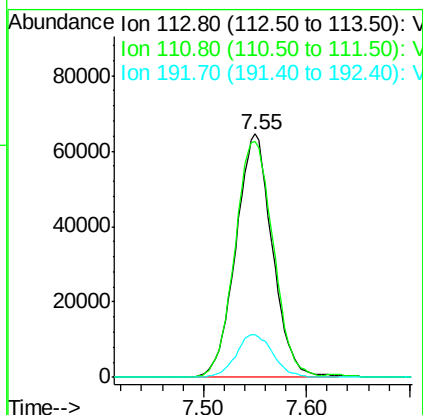
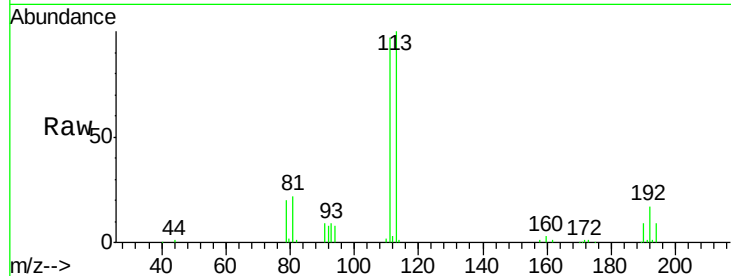




#35
Dibromofluoromethane
Concen: 47.840 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064029.D
Acq: 9 Oct 2020 8:28

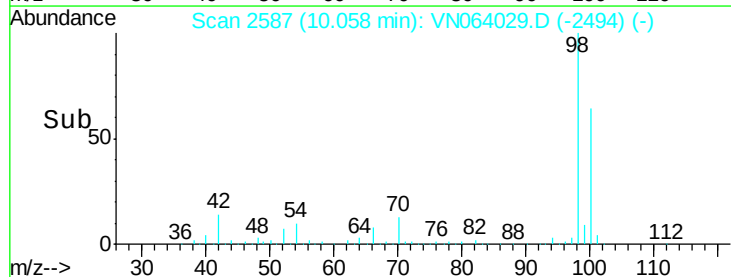
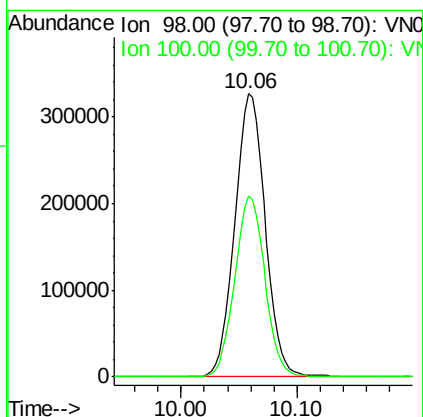
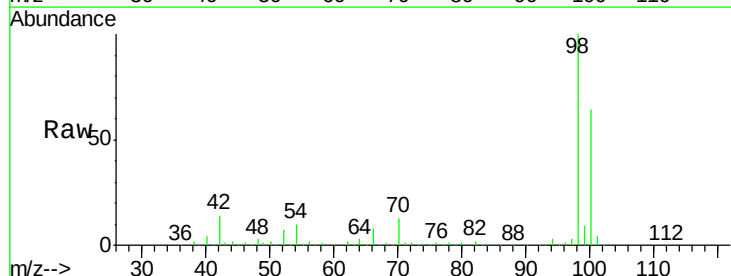
Instrument :
MSVOA_N
ClientSampleId :
31281

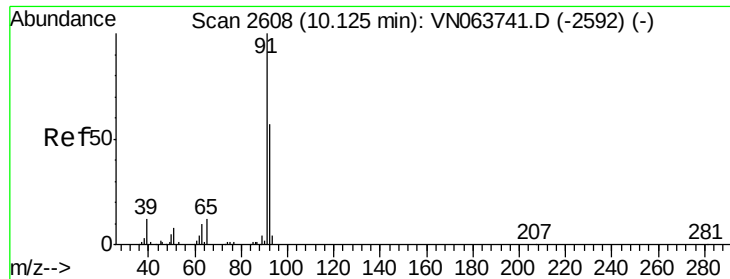
Tot Ion:113 Resp: 158847
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 18.0 14.2 21.2



#50
Toluene-d8
Concen: 47.157 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064029.D
Acq: 9 Oct 2020 8:28

Tgt Ion: 98 Resp: 593575
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.6





#52

Toluene

Concen: 0.318 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064029.D

Acq: 9 Oct 2020 8:28

Instrument :

MSVOA_N

ClientSampleId :

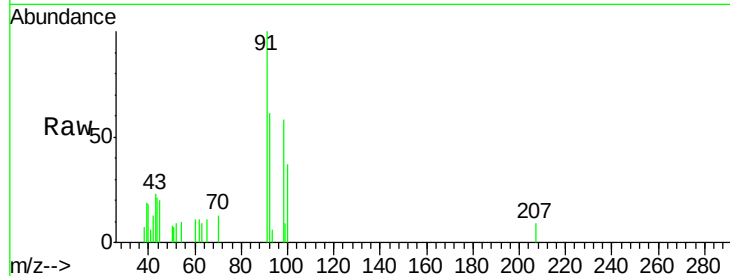
31281

Tot Ion: 92 Resp: 2721

Ion Ratio Lower Upper

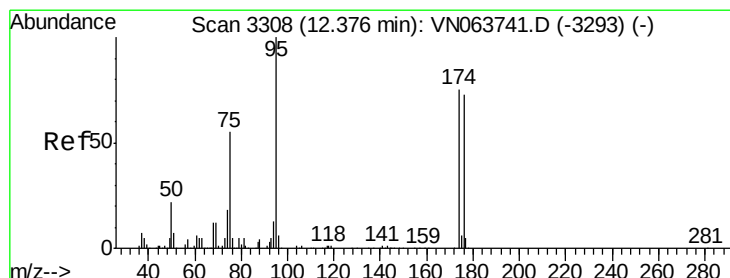
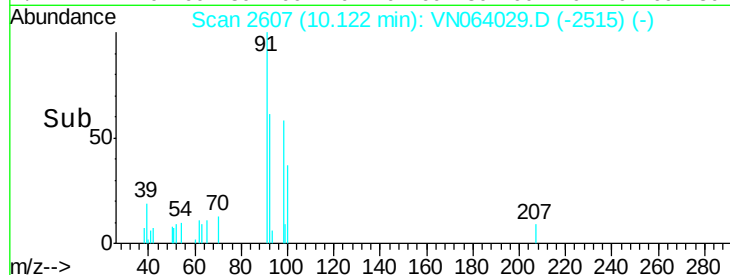
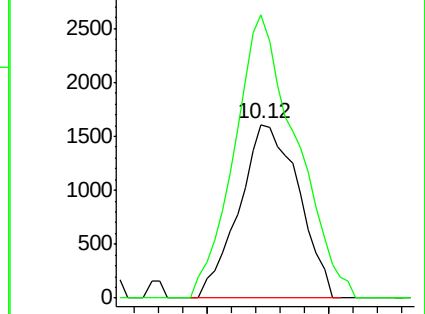
92 100

91 169.6 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)



#62

4-Bromofluorobenzene

Concen: 48.988 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064029.D

Acq: 9 Oct 2020 8:28

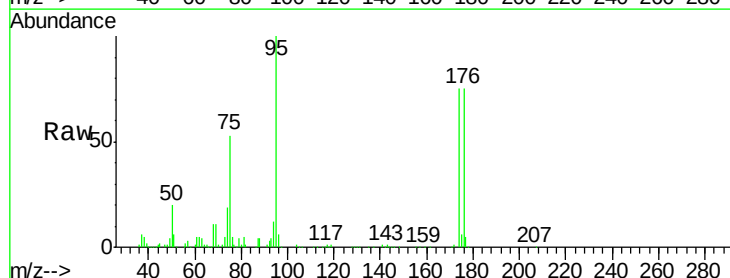
Tgt Ion: 95 Resp: 231795

Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.6

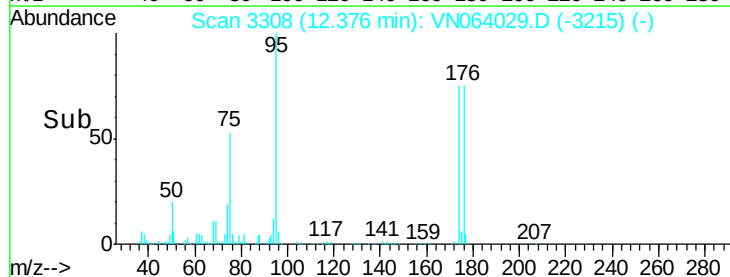
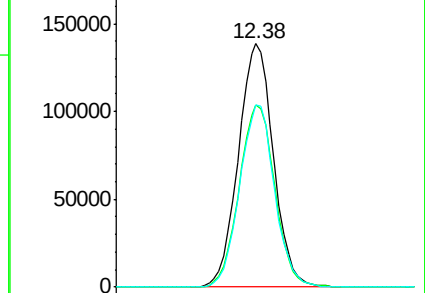
176 75.1 0.0 145.4

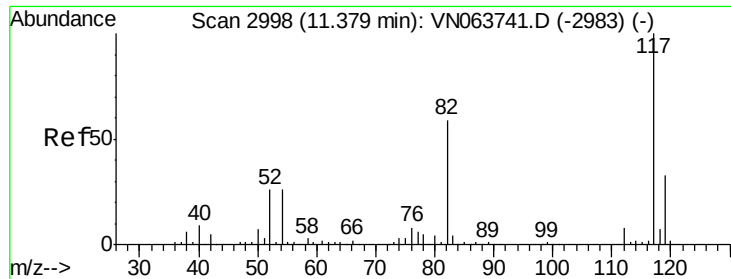


Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

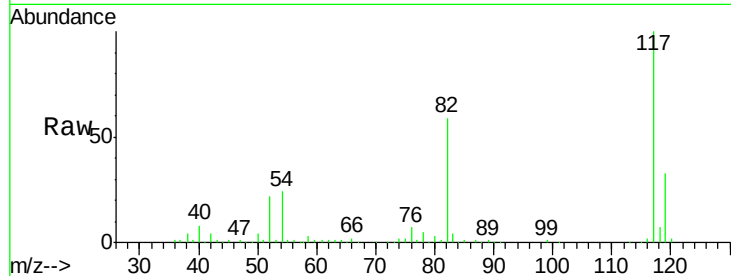




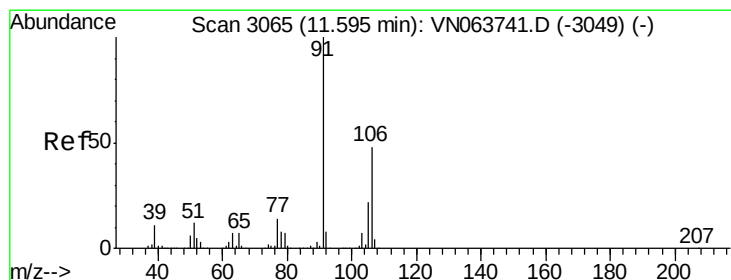
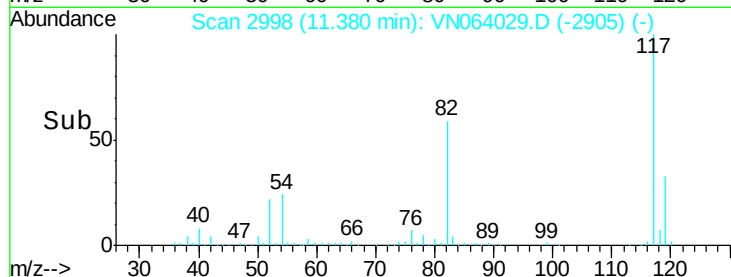
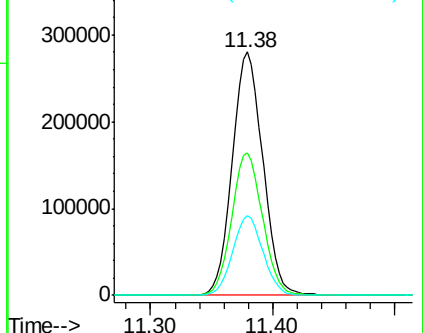
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064029.D
Acq: 9 Oct 2020 8:28

Instrument :
MSVOA_N
ClientSampled :
31281

Tot Ion:117 Resp: 487592
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.9 26.4 39.6

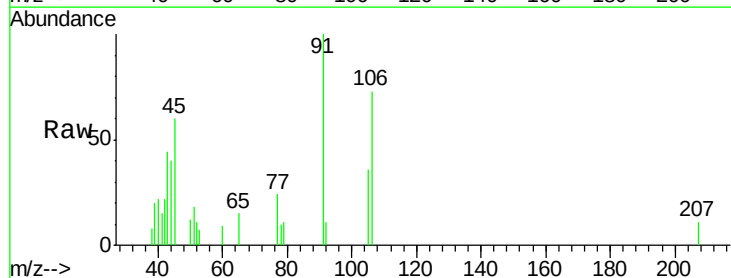


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

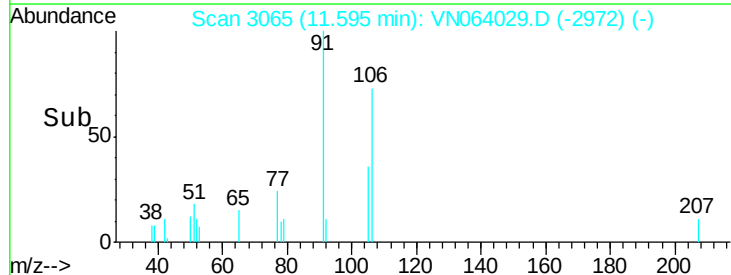
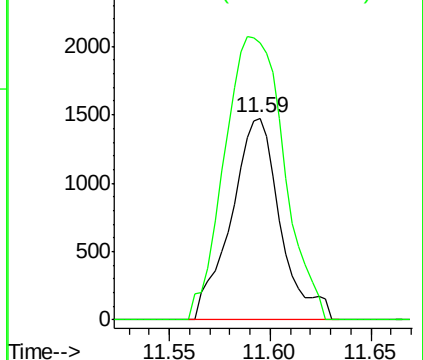


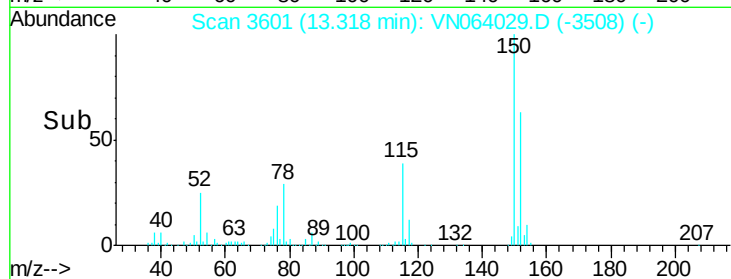
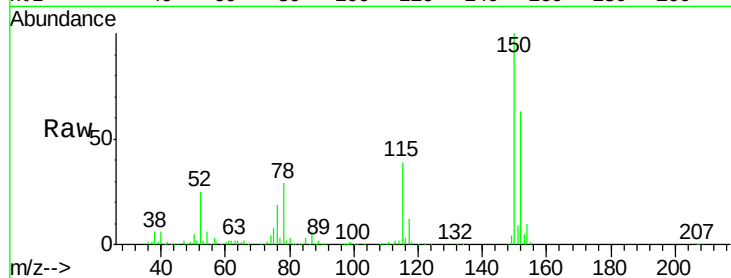
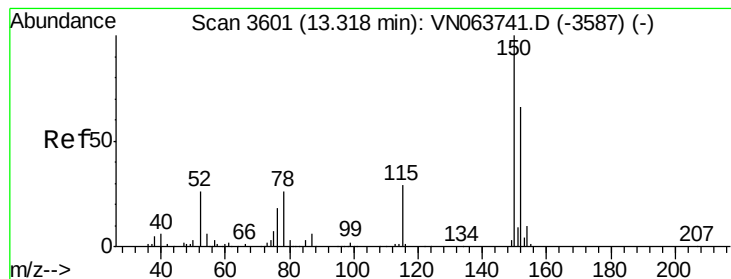
#68
m/p-Xylenes
Concen: 0.370 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064029.D
Acq: 9 Oct 2020 8:28

Tgt Ion:106 Resp: 2513
Ion Ratio Lower Upper
106 100
91 170.1 168.0 252.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064029.D

Acq: 9 Oct 2020 8:28

Instrument :

MSVOA_N

ClientSampleId :

31281

Tot Ion:152 Resp: 195858

Ion Ratio Lower Upper

152 100

115 61.8 31.3 93.8

150 158.3 0.0 341.8

