

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064735.D
 Acq On : 19 Nov 2020 16:02
 Operator : JC/MD
 Sample : L4783-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13

Quant Time: Nov 20 04:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

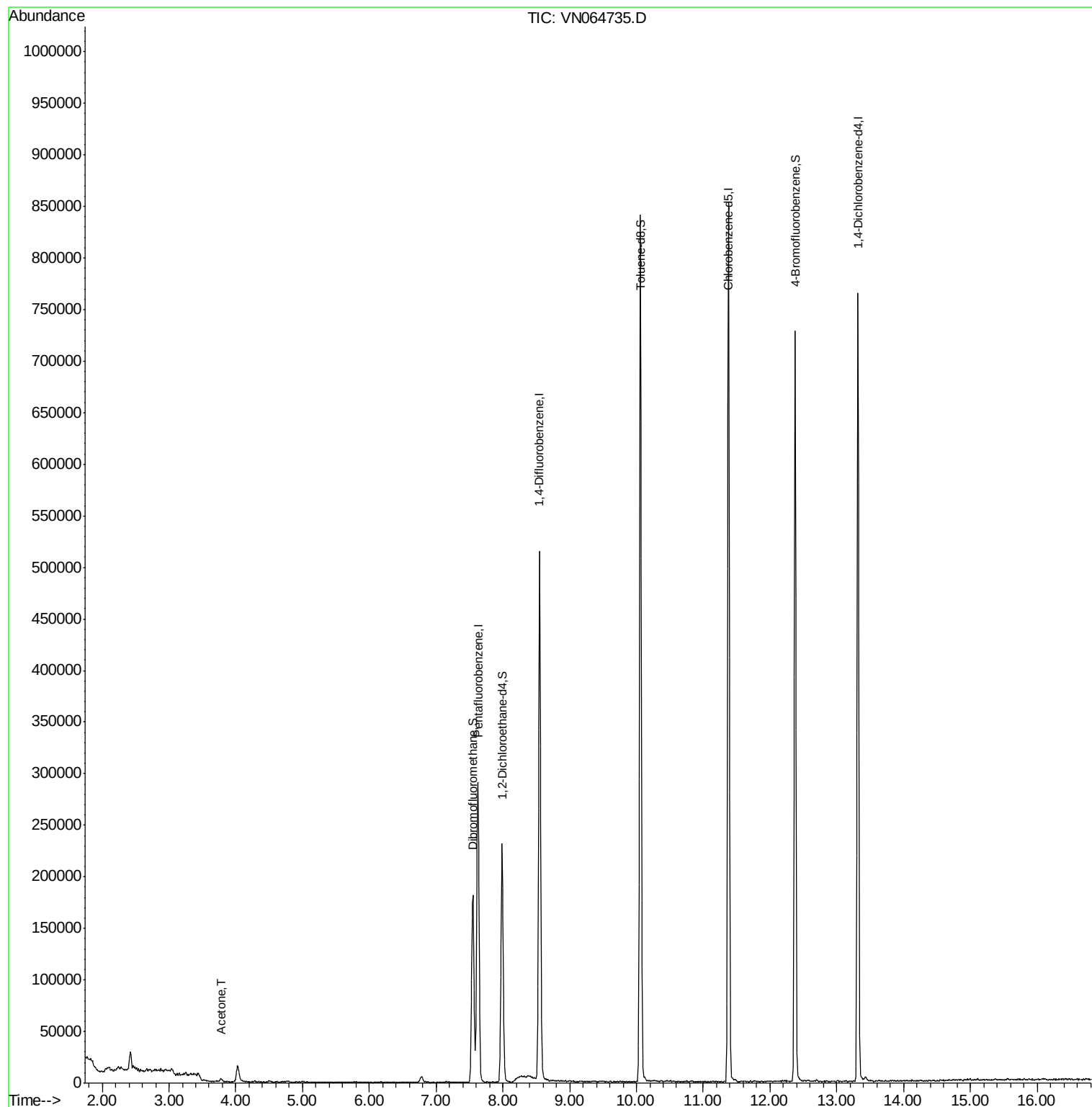
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	206893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205597	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
35) Dibromofluoromethane	7.55	113	137823	57.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.50%	
50) Toluene-d8	10.06	98	547014	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.38	95	248570	60.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.56%	
Target Compounds						
16) Acetone	3.78	43	5235	10.889	ug/l	Qvalue 93

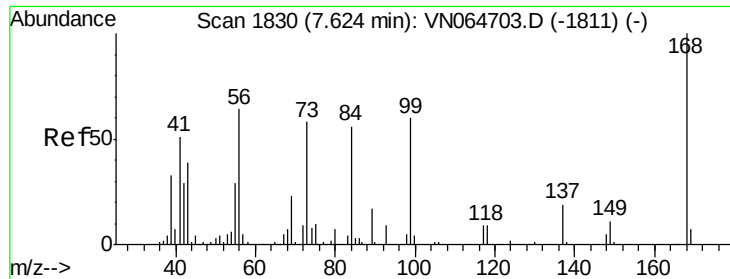
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064735.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

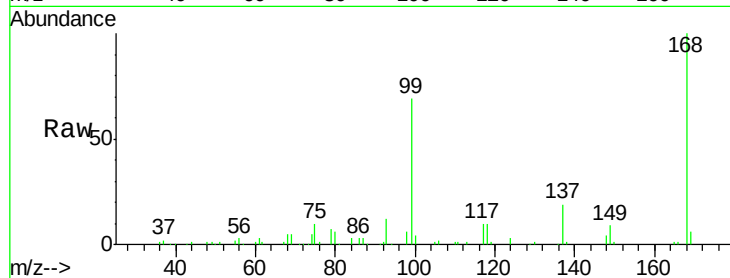
MW-13

Tot Ion:168 Resp: 206893

Ion Ratio Lower Upper

168 100

99 69.4 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

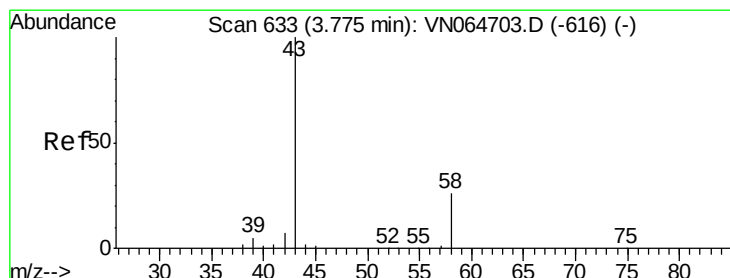
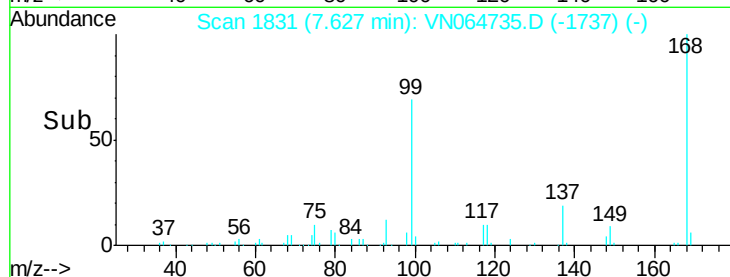
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 10.889 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064735.D

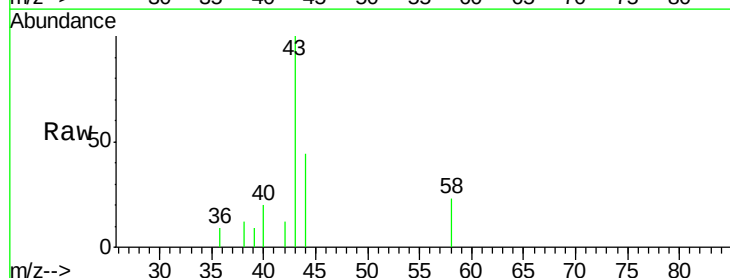
Acq: 19 Nov 2020 16:02

Tgt Ion: 43 Resp: 5235

Ion Ratio Lower Upper

43 100

58 22.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

2000

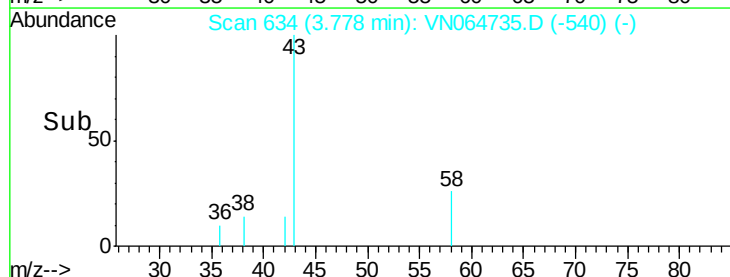
1500

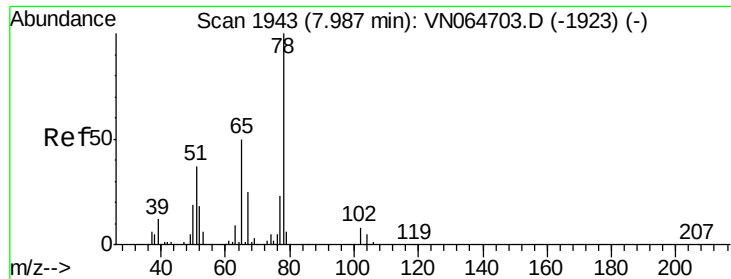
1000

500

0

Time--> 3.70 3.75 3.80 3.85

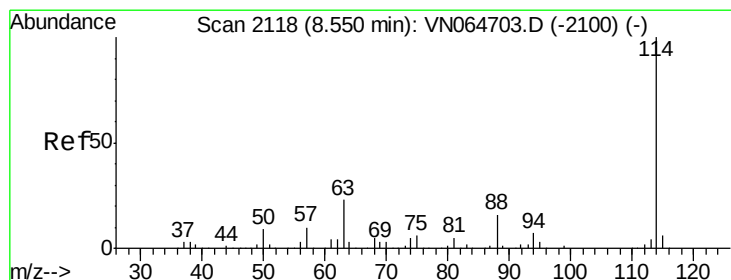
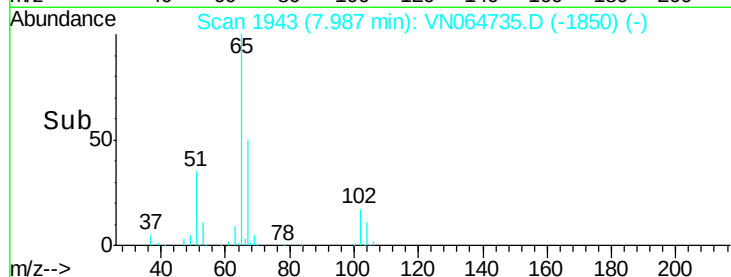
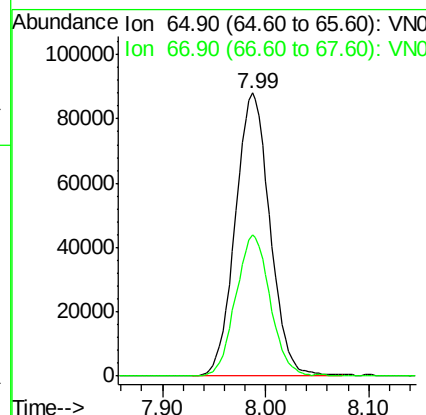
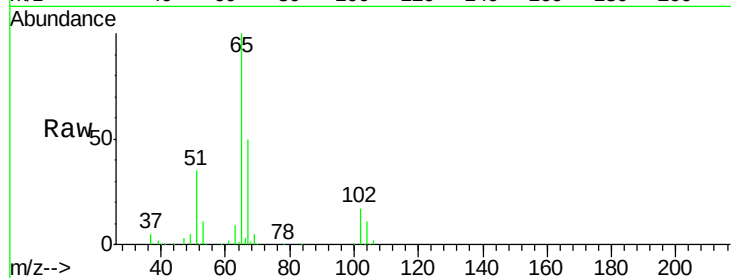




#33
 1,2-Dichloroethane-d4
 Concen: 56.489 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064735.D
 Acq: 19 Nov 2020 16:02

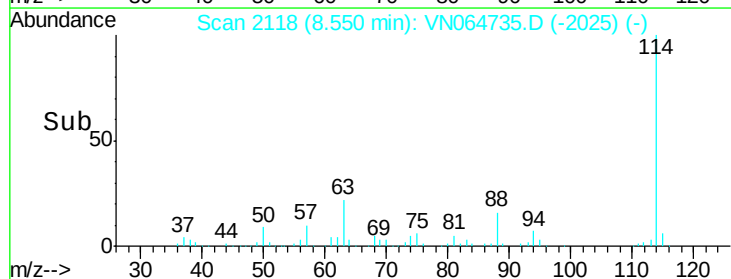
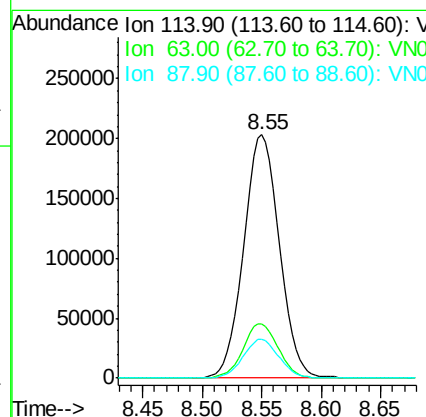
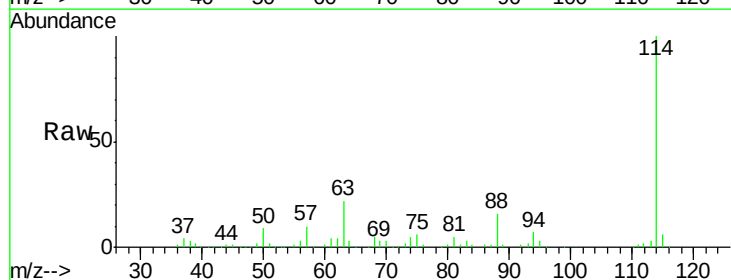
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13

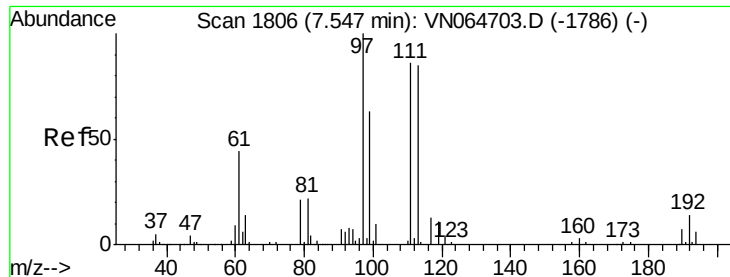
Tot Ion: 65 Resp: 205597
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064735.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 114 Resp: 422997
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 46.0
 88 16.1 0.0 31.2

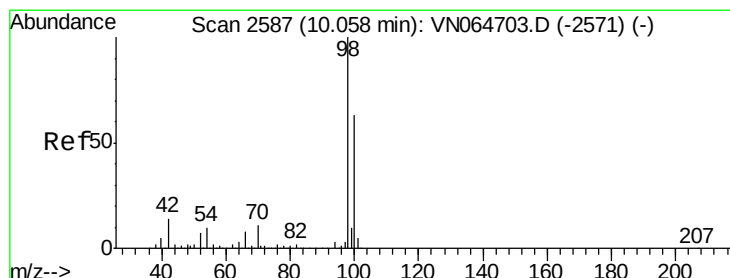
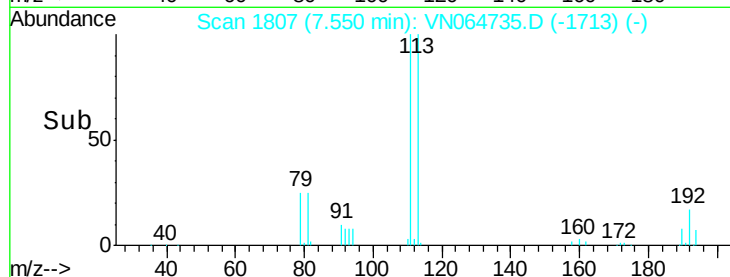
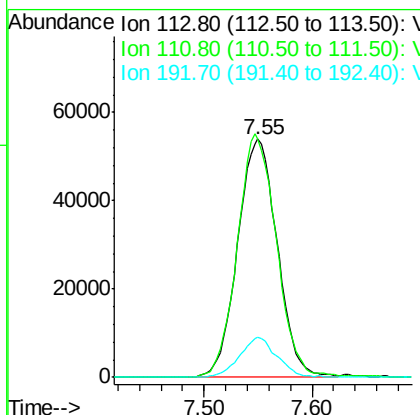
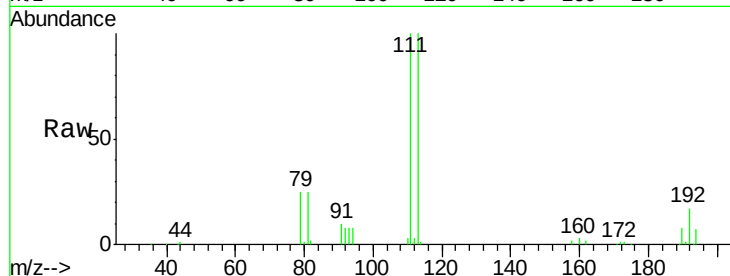




#35
 Dibromofluoromethane
 Concen: 57.245 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064735.D
 Acq: 19 Nov 2020 16:02

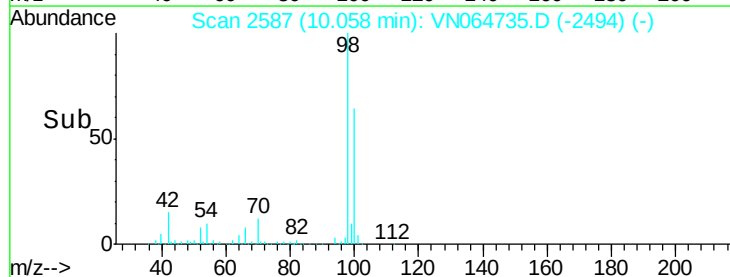
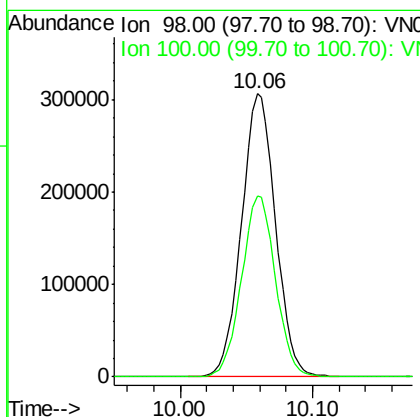
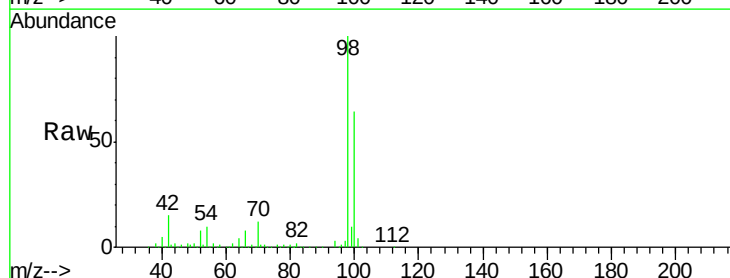
Instrument :
 MSVOA_N
 ClientSampled :
 MW-13

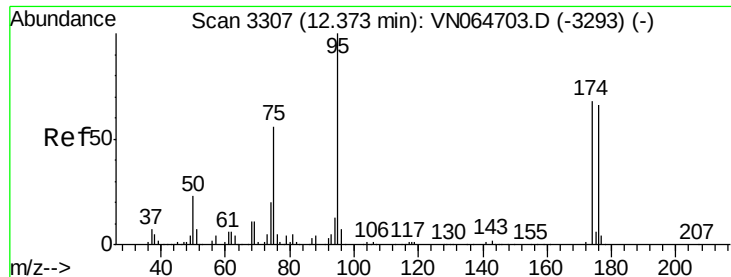
Tot Ion:113 Resp: 137823
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.4
 192 15.9 12.7 19.1



#50
 Toluene-d8
 Concen: 49.992 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064735.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 98 Resp: 547014
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 60.776 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064735.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

MW-13

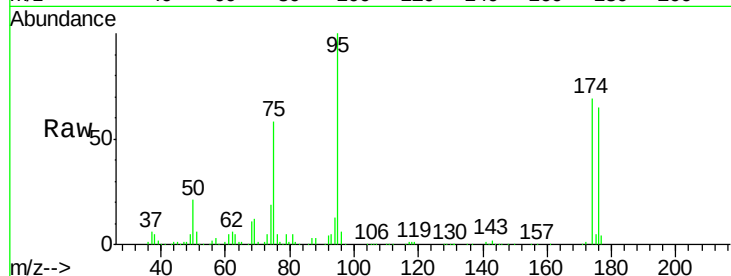
Tot Ion: 95 Resp: 248570

Ion Ratio Lower Upper

95 100

174 68.8 0.0 136.8

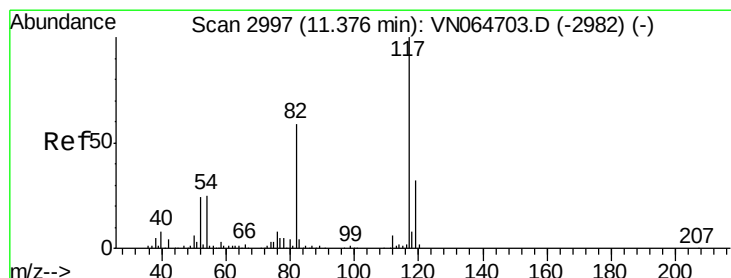
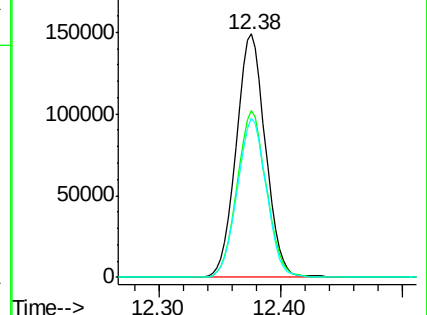
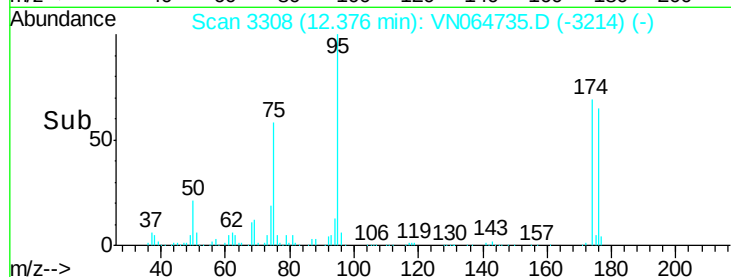
176 65.0 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064735.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064735.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064735.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064735.D

Acq: 19 Nov 2020 16:02

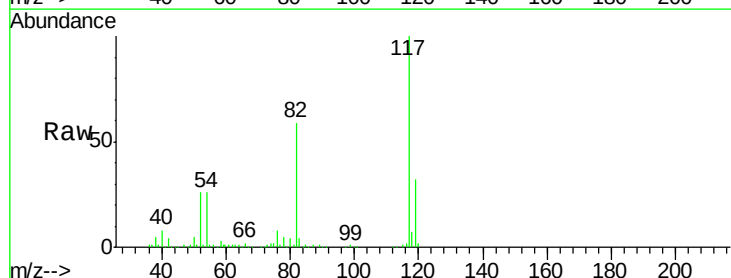
Tgt Ion: 117 Resp: 448097

Ion Ratio Lower Upper

117 100

82 58.7 47.0 70.6

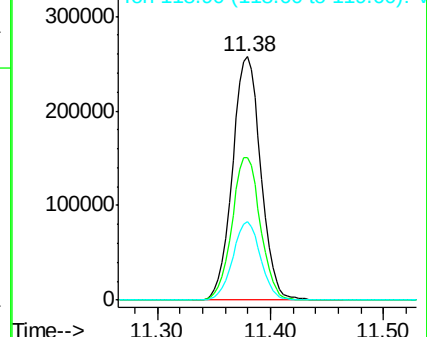
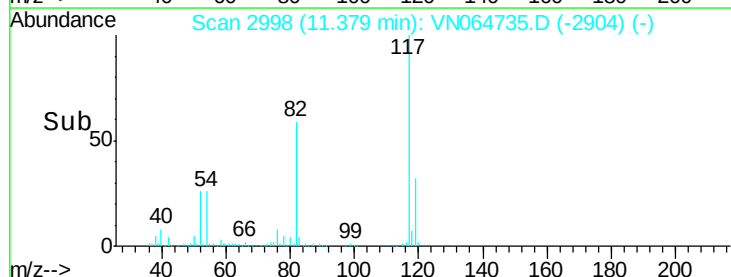
119 32.3 25.4 38.2

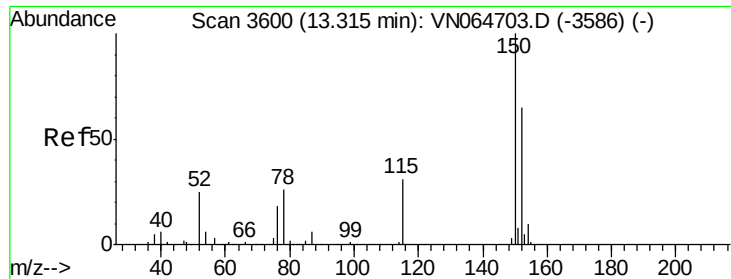


Abundance Ion 116.90 (116.60 to 117.60): VN064735.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN064735.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN064735.D (-2904) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064735.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

MW-13

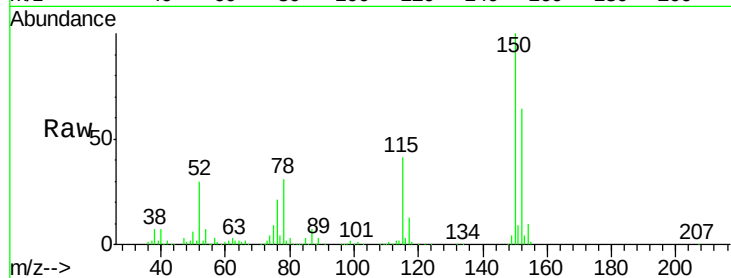
Tot Ion:152 Resp: 186468

Ion Ratio Lower Upper

152 100

115 63.9 32.1 96.3

150 156.1 0.0 344.8



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

