

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064918.D
 Acq On : 4 Dec 2020 14:53
 Operator : JC/MD
 Sample : L4954-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-05-568-120120

Quant Time: Dec 05 02:20:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	164927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	293506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	305921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134268	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	103204	53.83	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	107.66%	
35) Dibromofluoromethane	7.55	113	96347	54.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	109.72%	
50) Toluene-d8	10.06	98	367694	51.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.38	95	139854	54.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	108.92%	

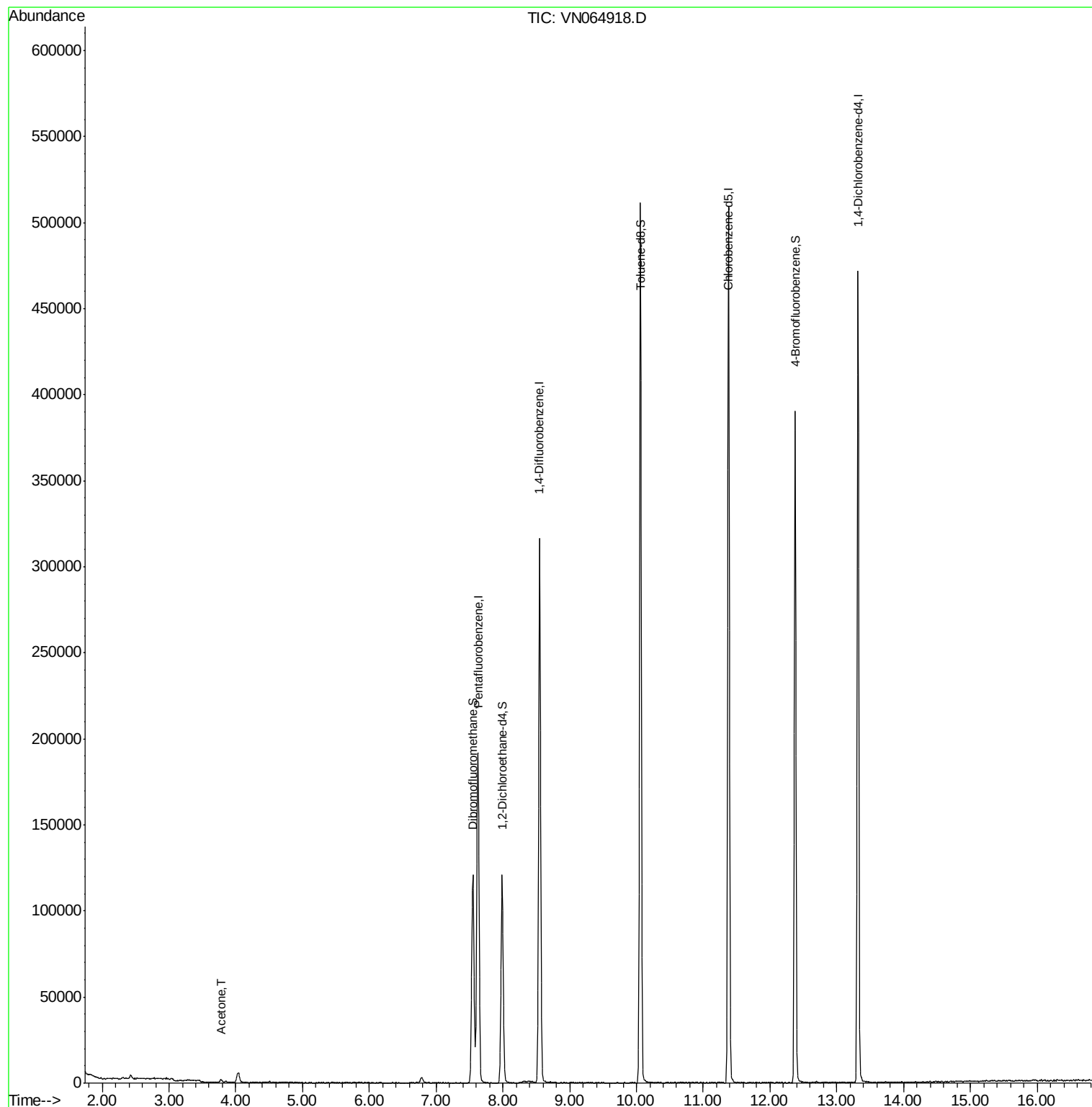
Target Compounds					Qvalue
16) Acetone	3.78	43	2971	4.714 ug/l	99

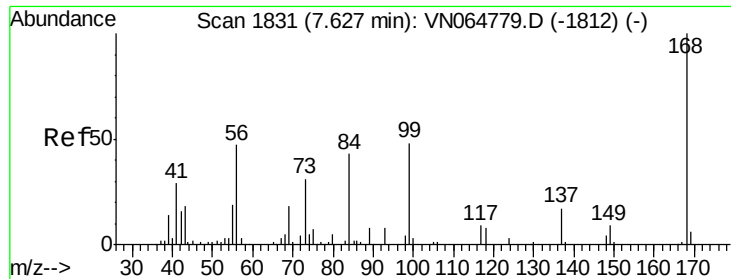
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064918.D

Acq: 4 Dec 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

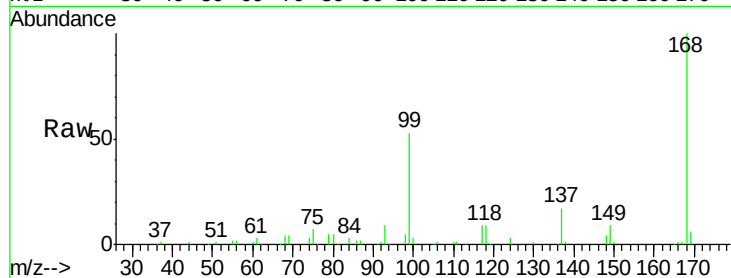
SS013-05-568-120120

Tot Ion:168 Resp: 164927

Ion Ratio Lower Upper

168 100

99 53.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064918.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064918.D (-1738) (-)

7.63

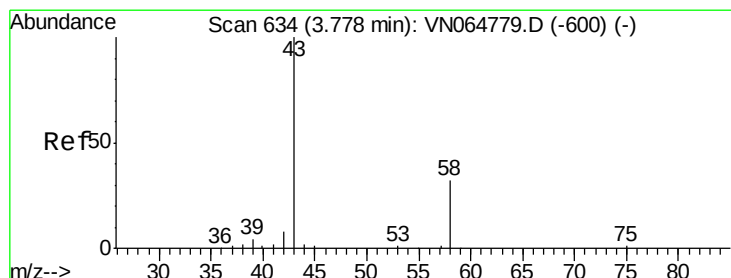
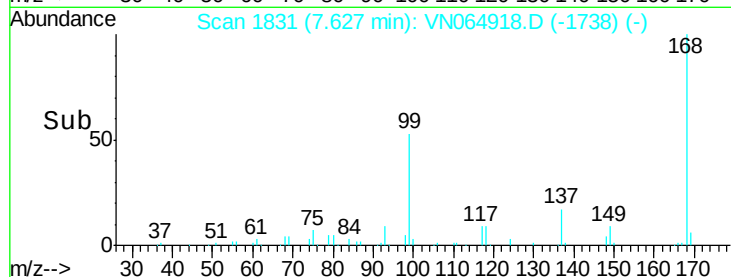
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 4.714 ug/l

RT: 3.78 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN064918.D

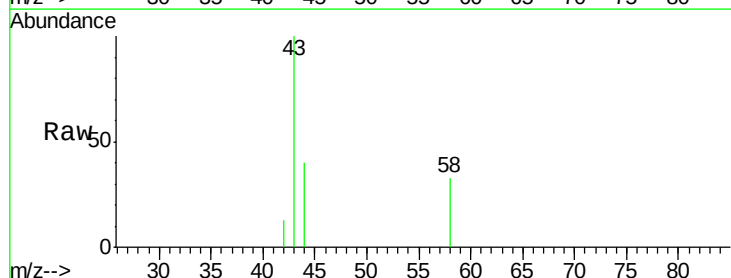
Acq: 4 Dec 2020 14:53

Tgt Ion: 43 Resp: 2971

Ion Ratio Lower Upper

43 100

58 32.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064918.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064918.D (-541) (-)

3.78

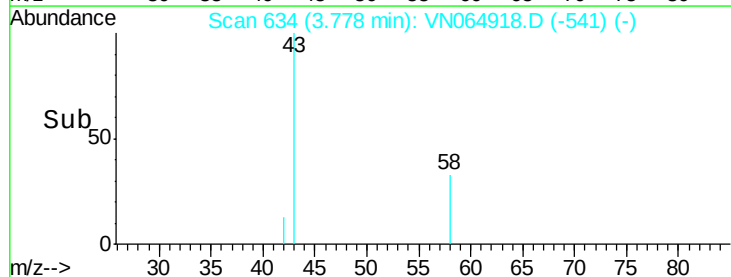
1500

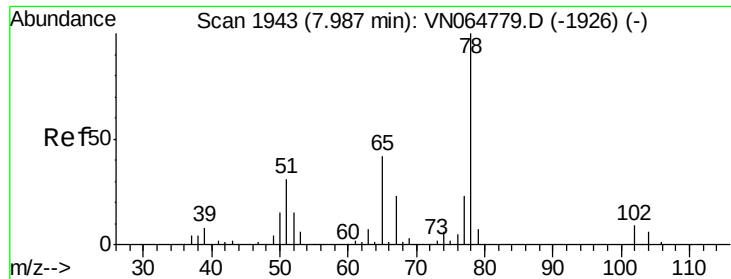
1000

500

0

Time--> 3.70 3.75 3.80 3.85

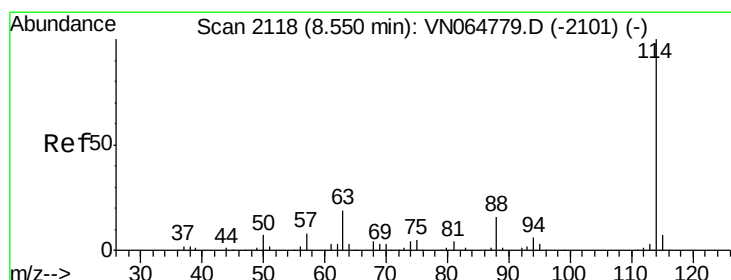
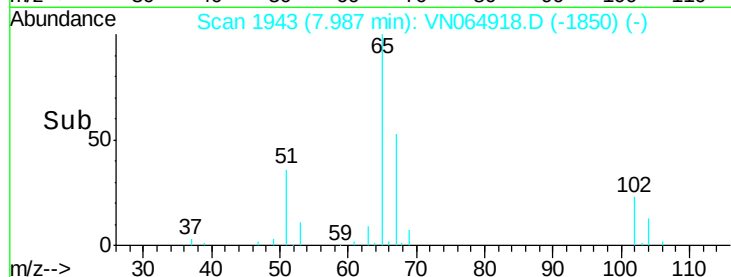
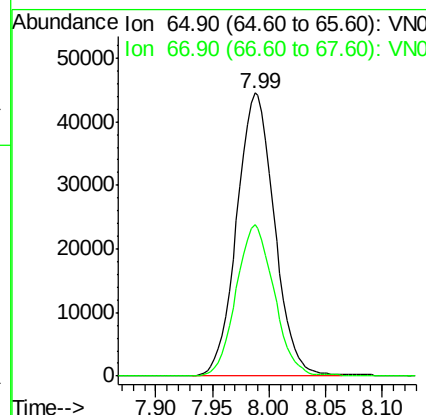
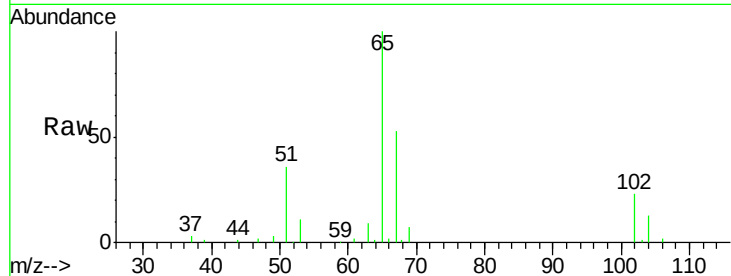




#33
 1,2-Dichloroethane-d4
 Concen: 53.825 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064918.D
 Acq: 4 Dec 2020 14:53

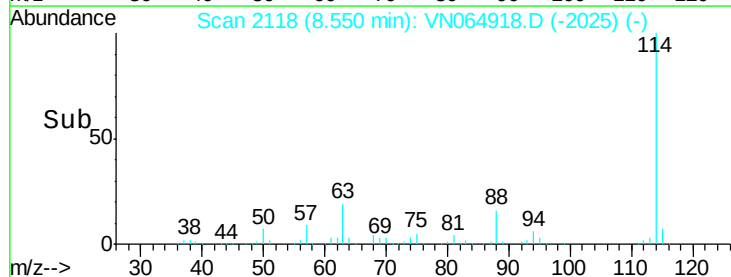
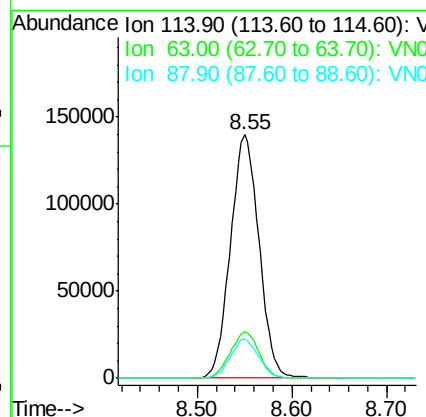
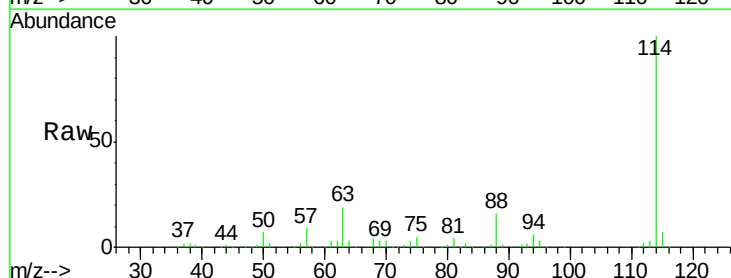
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-05-568-120120

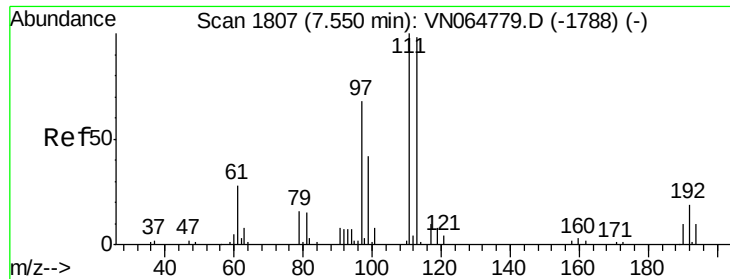
Tot Ion: 65 Resp: 103204
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064918.D
 Acq: 4 Dec 2020 14:53

Tgt Ion: 114 Resp: 293506
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 16.0 0.0 32.6

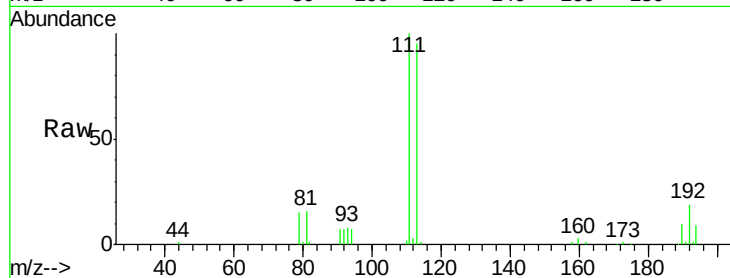




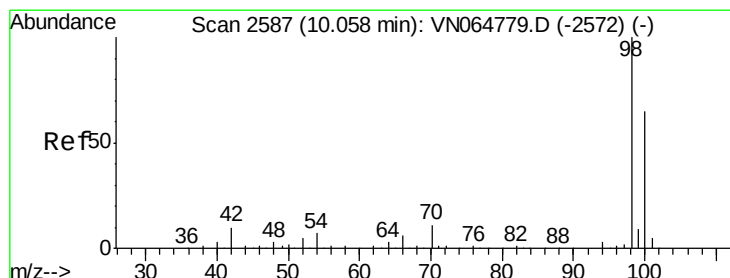
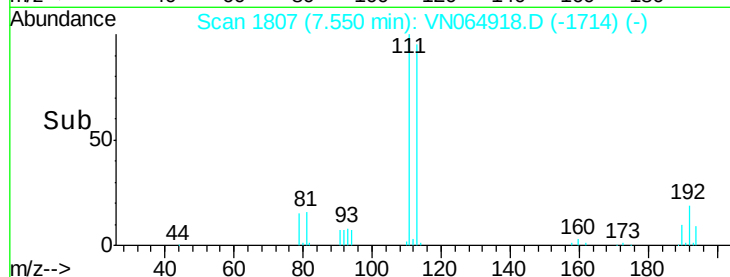
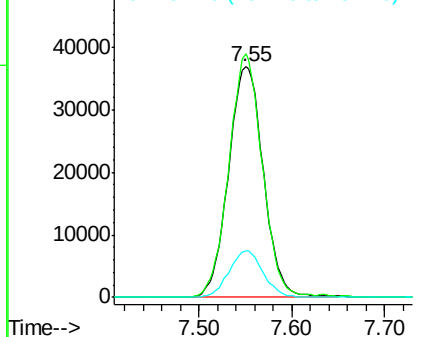
#35
 Dibromofluoromethane
 Concen: 54.860 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN064918.D
 Acq: 4 Dec 2020 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-05-568-120120

Tot Ion:113 Resp: 96347
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.6 122.4
 192 19.5 16.2 24.2

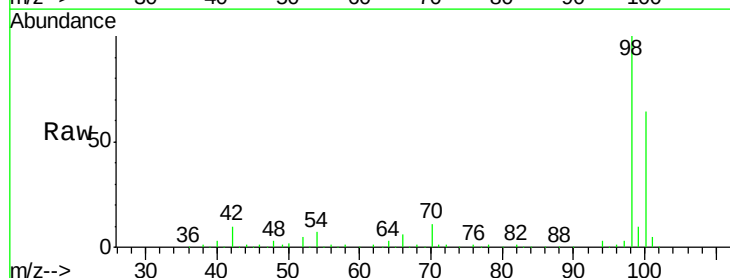


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

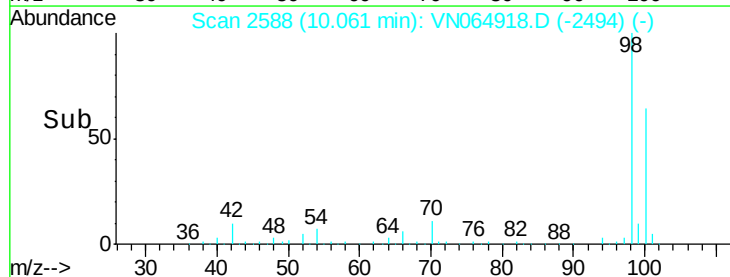
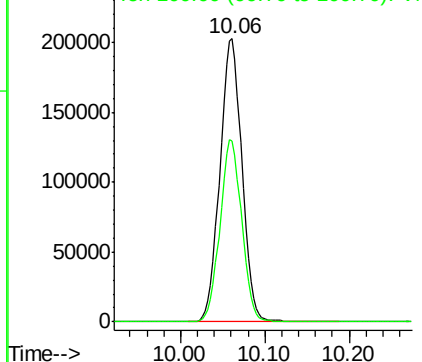


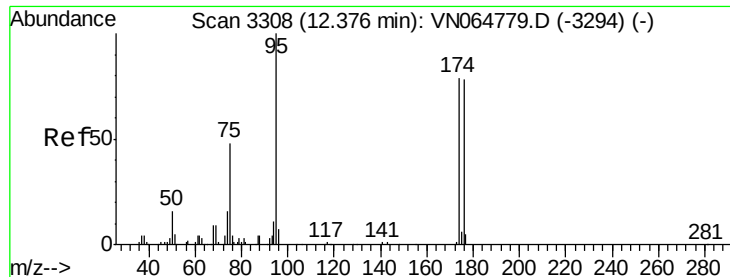
#50
 Toluene-d8
 Concen: 51.240 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064918.D
 Acq: 4 Dec 2020 14:53

Tgt Ion: 98 Resp: 367694
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 54.458 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064918.D

Acq: 4 Dec 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

SS013-05-568-120120

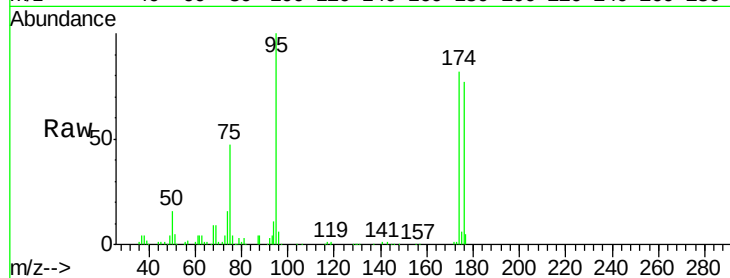
Tot Ion: 95 Resp: 139854

Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.4

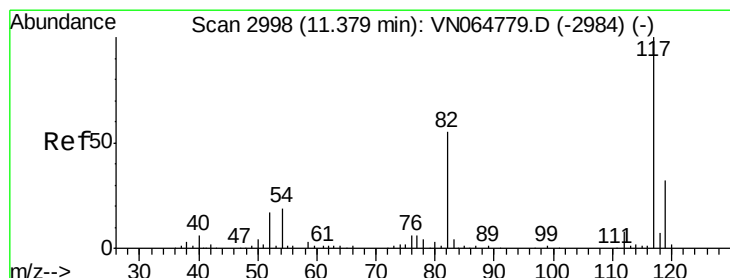
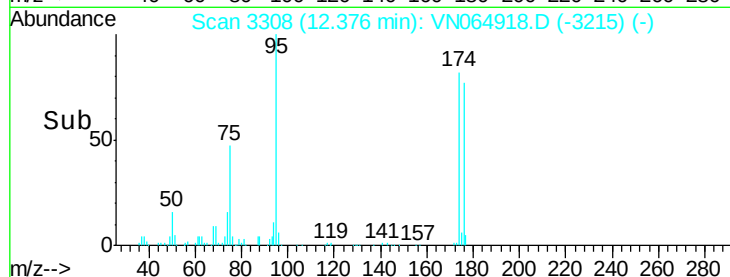
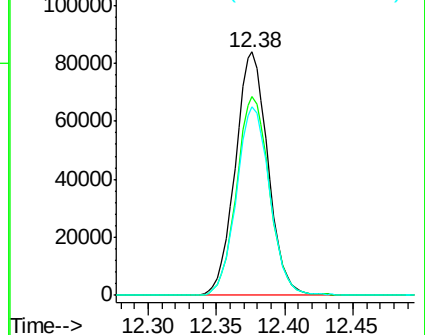
176 78.9 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064918.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064918.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064918.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064918.D

Acq: 4 Dec 2020 14:53

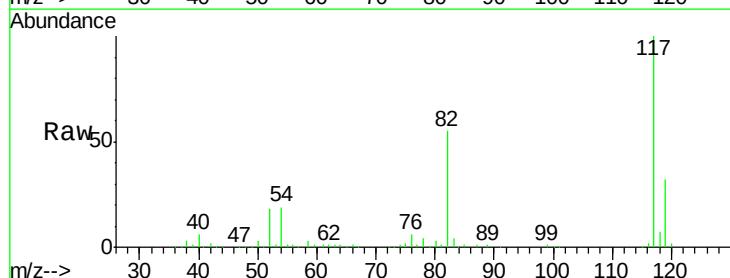
Tgt Ion: 117 Resp: 305921

Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.2

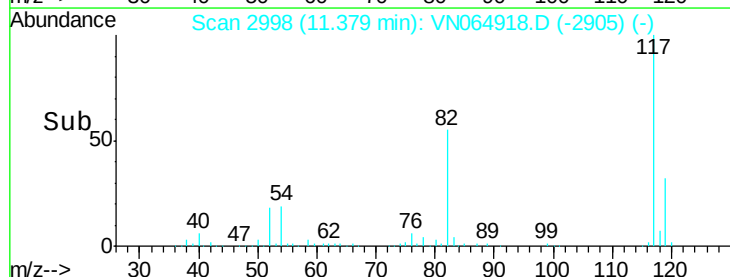
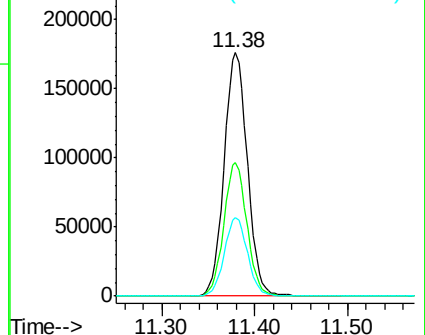
119 32.4 25.8 38.6

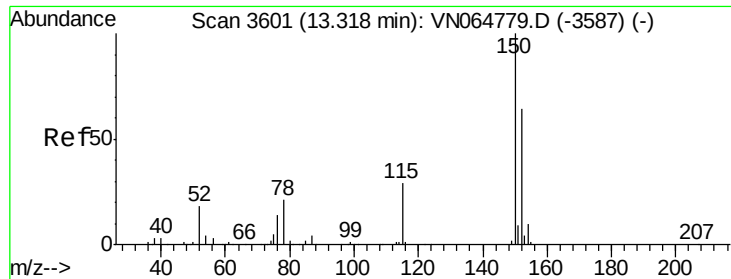


Abundance Ion 116.90 (116.60 to 117.60): VN064918.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064918.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064918.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN064918.D

Acq: 4 Dec 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

SS013-05-568-120120

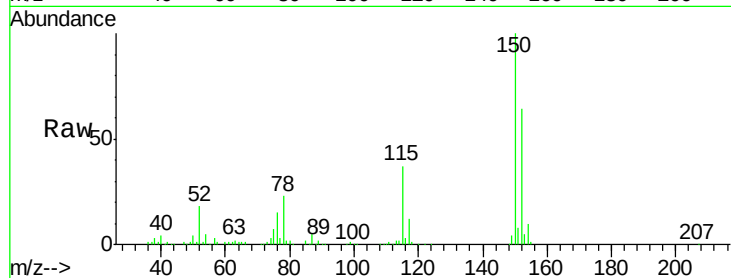
Tot Ion:152 Resp: 134268

Ion Ratio Lower Upper

152 100

115 58.2 29.7 89.1

150 158.7 0.0 350.6



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

