

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064926.D
 Acq On : 4 Dec 2020 18:06
 Operator : JC/MD
 Sample : L4954-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-FD01-120120

Quant Time: Dec 05 03:06:51 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	166689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	298401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	305696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134957	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102332	52.81	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.62%
35) Dibromofluoromethane	7.55	113	96327	53.95	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.90%
50) Toluene-d8	10.06	98	367395	50.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.72%
62) 4-Bromofluorobenzene	12.38	95	141891	54.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.68%

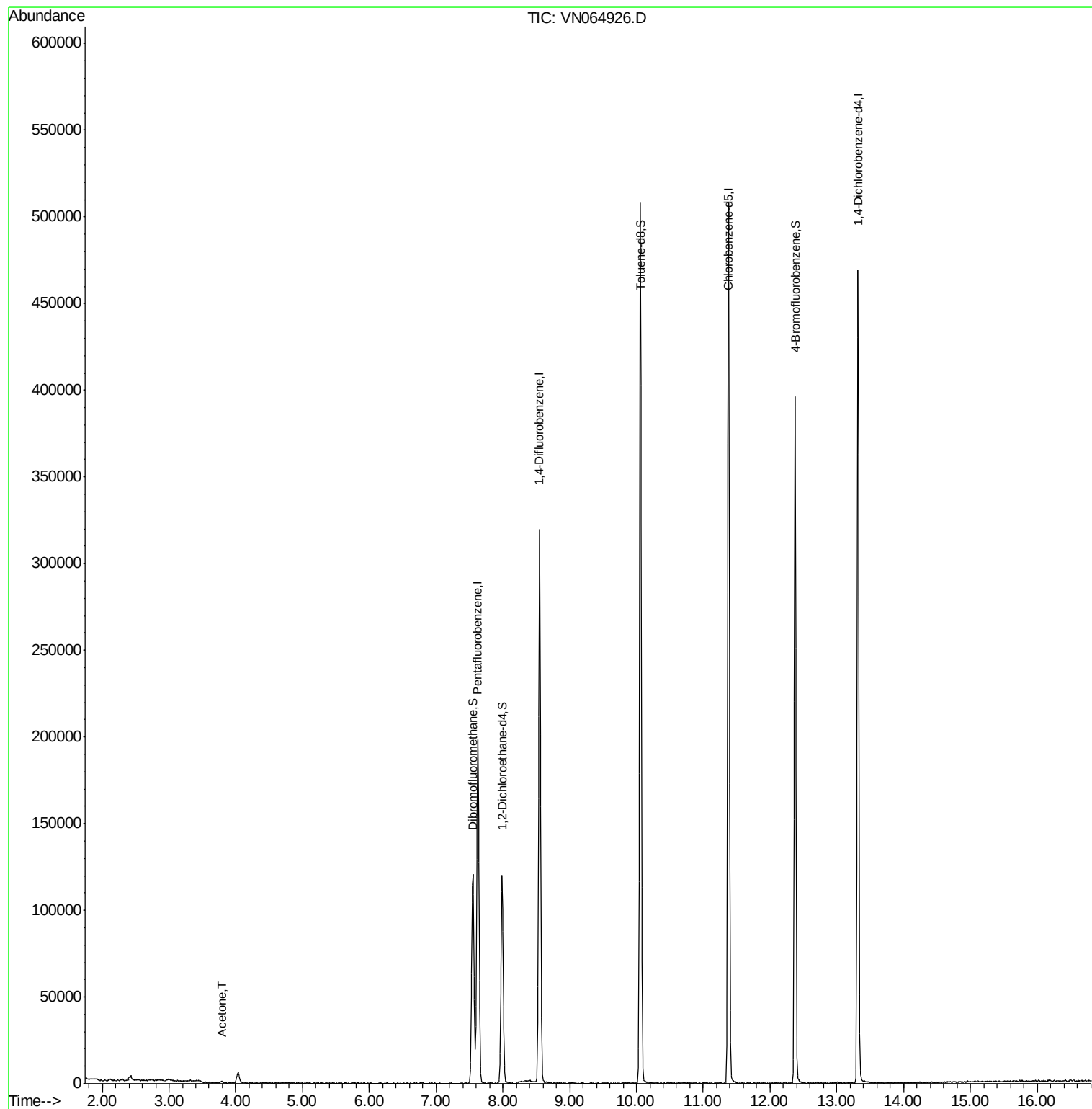
Target Compounds					Qvalue
16) Acetone	3.78	43	1754	2.753 ug/l	92

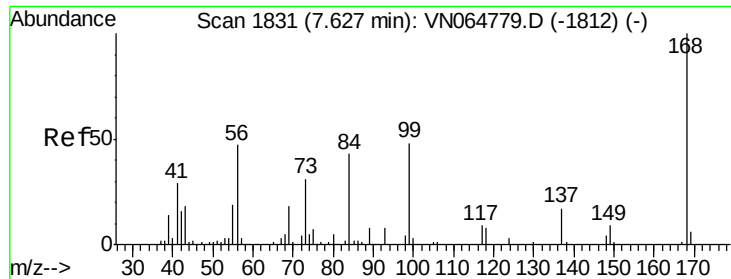
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064926.D

Acq: 4 Dec 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

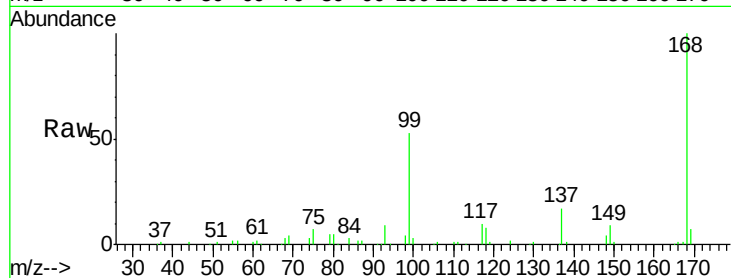
SS013-13-FD01-120120

Tot Ion:168 Resp: 166689

Ion Ratio Lower Upper

168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064926.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064926.D (-1738) (-)

7.63

80000

60000

40000

20000

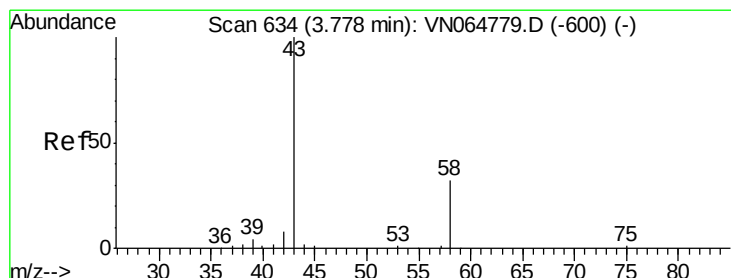
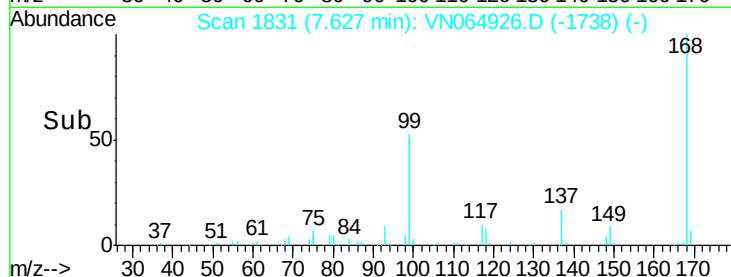
0

Time-->

7.50

7.60

7.70



#16

Acetone

Concen: 2.753 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064926.D

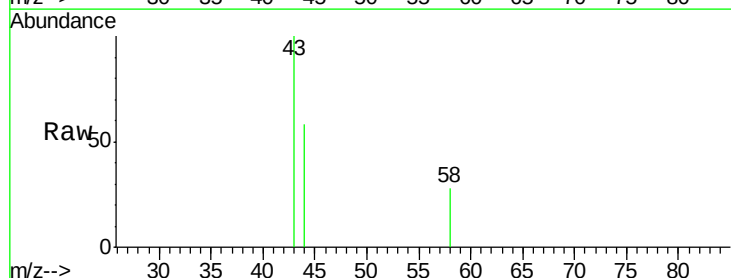
Acq: 4 Dec 2020 18:06

Tgt Ion: 43 Resp: 1754

Ion Ratio Lower Upper

43 100

58 27.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064926.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064926.D (-541) (-)

3.78

800

600

400

200

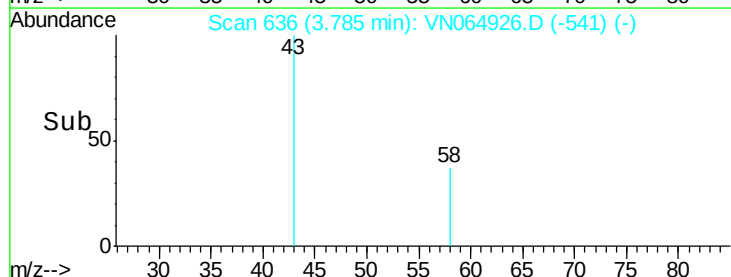
0

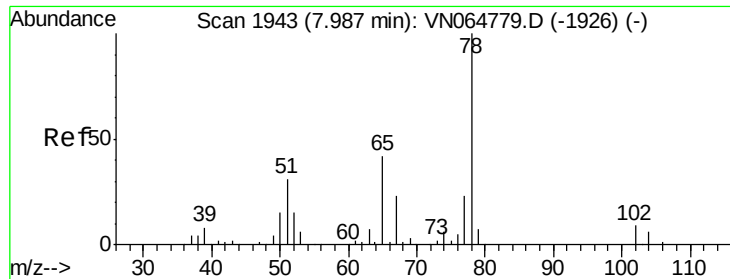
Time-->

3.75

3.80

3.85

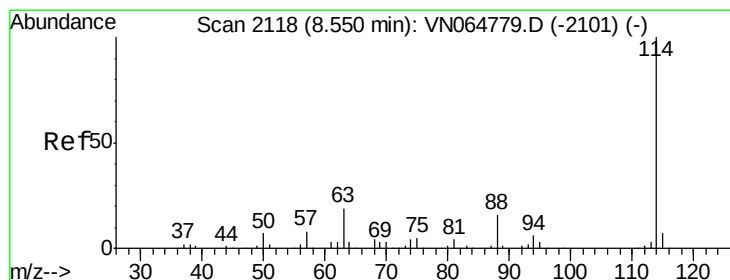
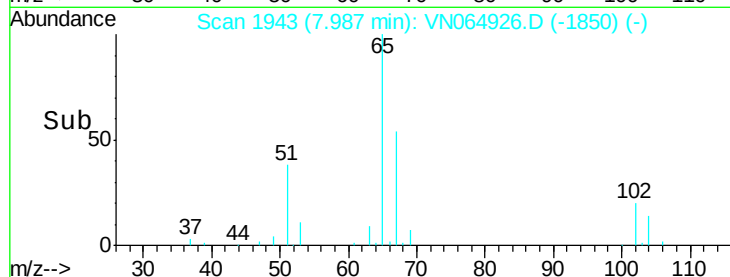
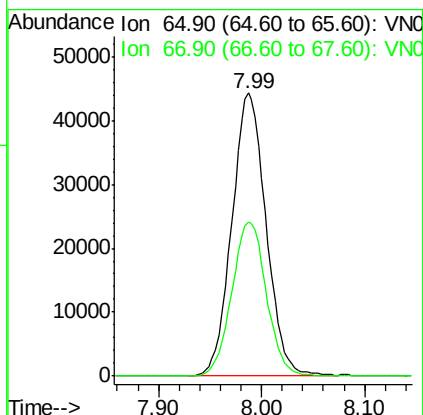
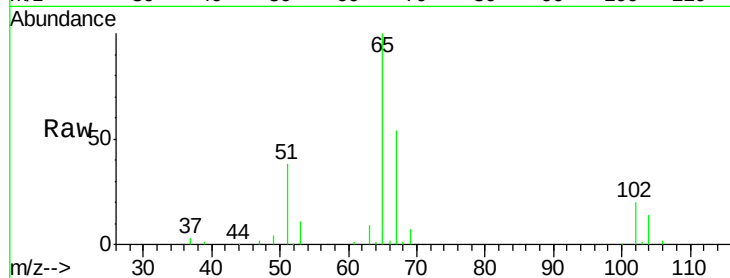




#33
 1,2-Dichloroethane-d4
 Concen: 52.806 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064926.D
 Acq: 4 Dec 2020 18:06

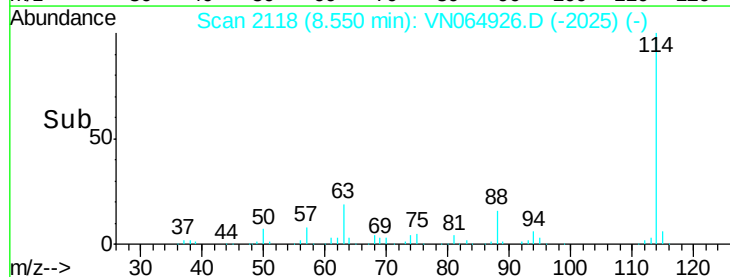
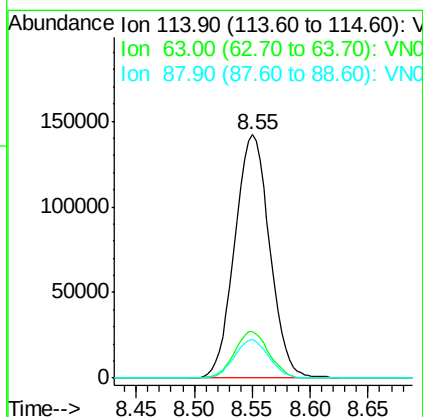
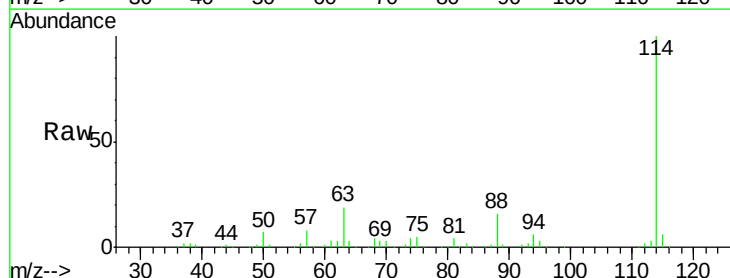
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-FD01-120120

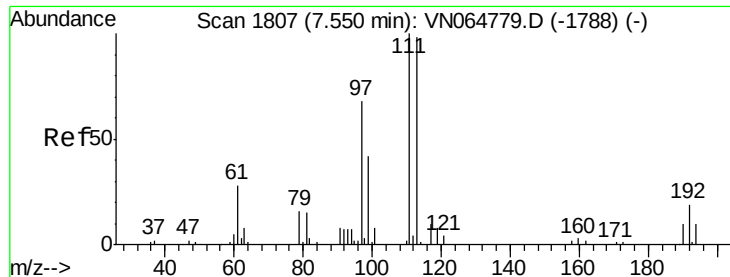
Tot Ion: 65 Resp: 102332
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064926.D
 Acq: 4 Dec 2020 18:06

Tgt Ion: 114 Resp: 298401
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.8 0.0 32.6

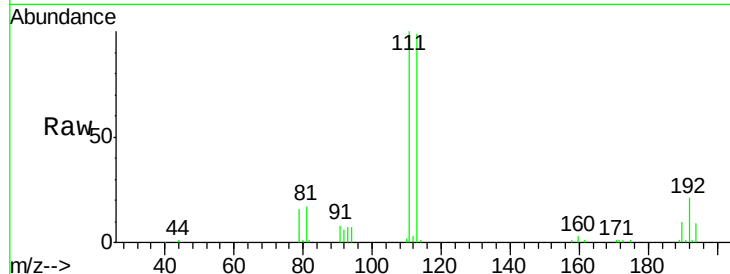




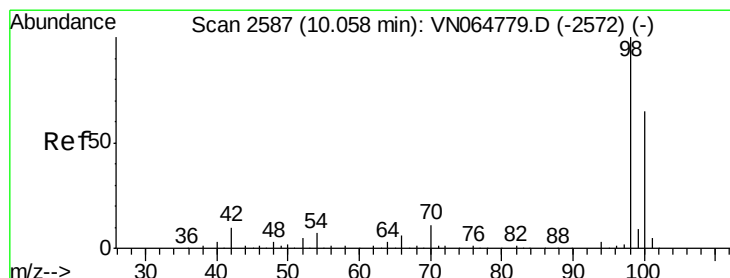
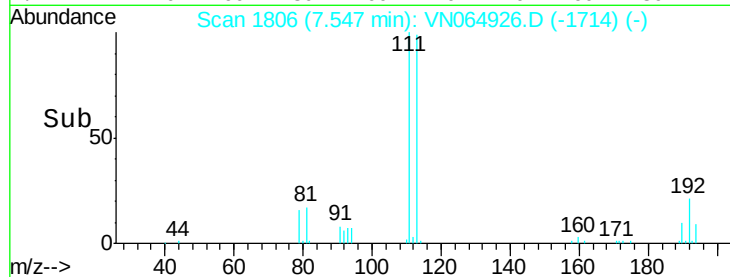
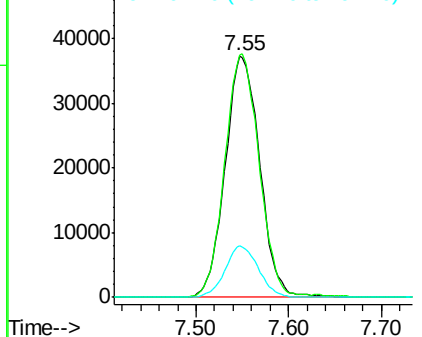
#35
Dibromofluoromethane
Concen: 53.949 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064926.D
Acq: 4 Dec 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-FD01-120120

Tot Ion:113 Resp: 96327
Ion Ratio Lower Upper
113 100
111 100.2 81.6 122.4
192 20.4 16.2 24.2

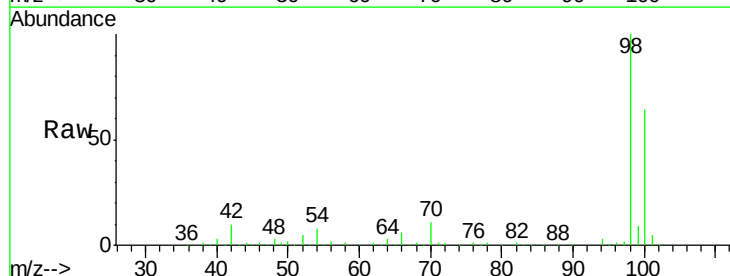


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

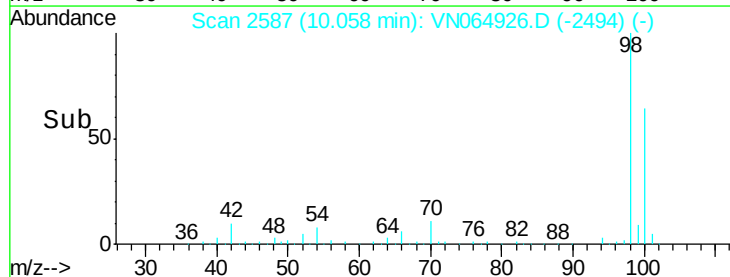
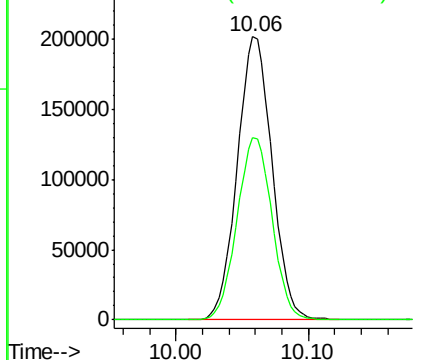


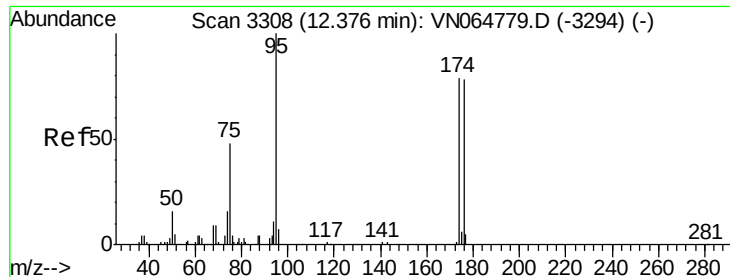
#50
Toluene-d8
Concen: 50.359 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064926.D
Acq: 4 Dec 2020 18:06

Tgt Ion: 98 Resp: 367395
Ion Ratio Lower Upper
98 100
100 65.0 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: 54.345 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064926.D

Acq: 4 Dec 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-FD01-120120

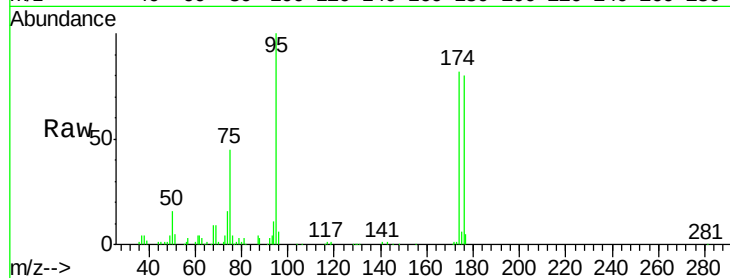
Tot Ion: 95 Resp: 141891

Ion Ratio Lower Upper

95 100

174 82.4 0.0 160.4

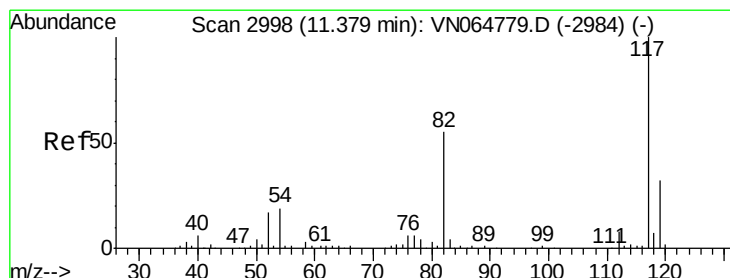
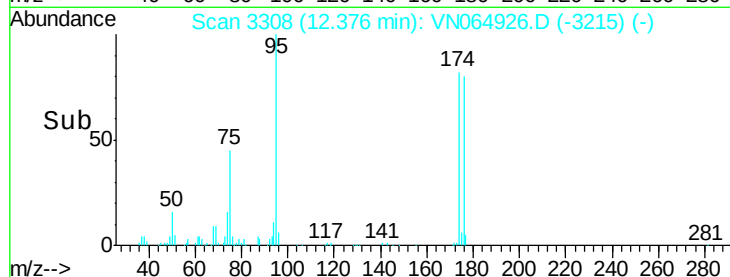
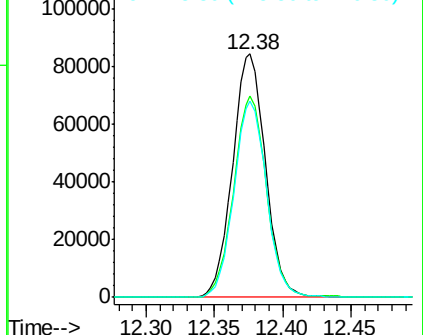
176 79.6 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064926.D

Acq: 4 Dec 2020 18:06

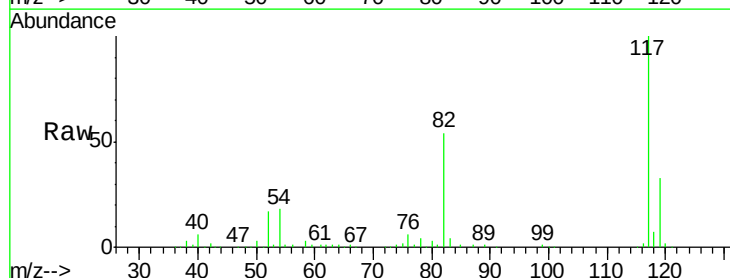
Tgt Ion: 117 Resp: 305696

Ion Ratio Lower Upper

117 100

82 54.2 44.2 66.2

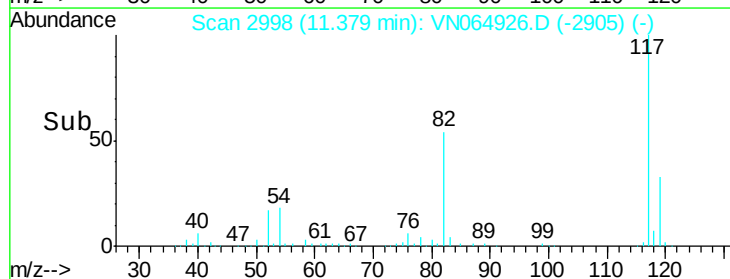
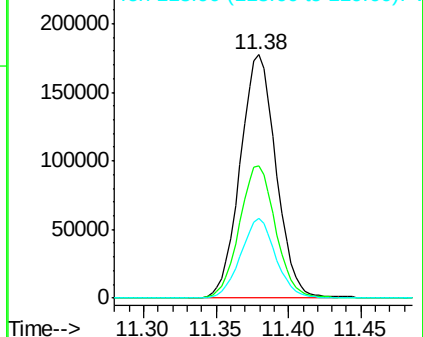
119 32.5 25.8 38.6

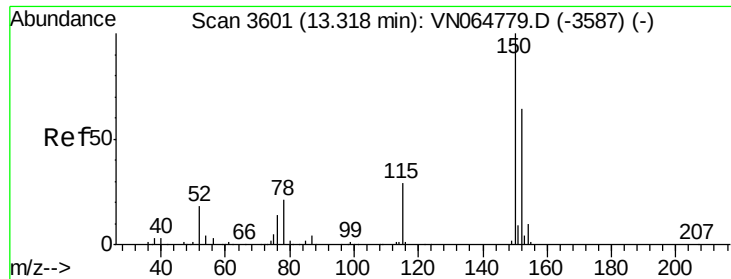


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064926.D

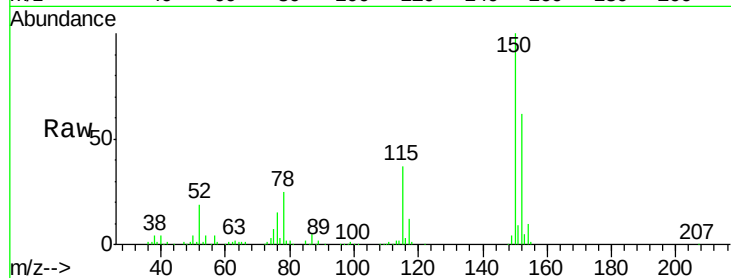
Acq: 4 Dec 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-FD01-120120



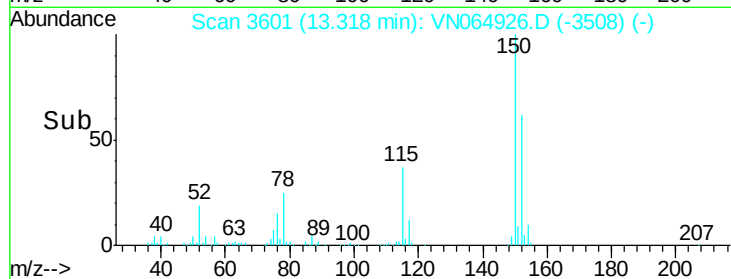
Tot Ion:152 Resp: 134957

Ion Ratio Lower Upper

152 100

115 57.5 29.7 89.1

150 158.5 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

