

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064925.D
 Acq On : 4 Dec 2020 17:42
 Operator : JC/MD
 Sample : L4954-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6698-120120

Quant Time: Dec 07 10:11:09 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	168992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	311090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133225	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105781	53.84	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.68%
35) Dibromofluoromethane	7.55	113	95872	52.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.82%
50) Toluene-d8	10.06	98	378421	51.11	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.22%
62) 4-Bromofluorobenzene	12.38	95	144942	54.70	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.40%

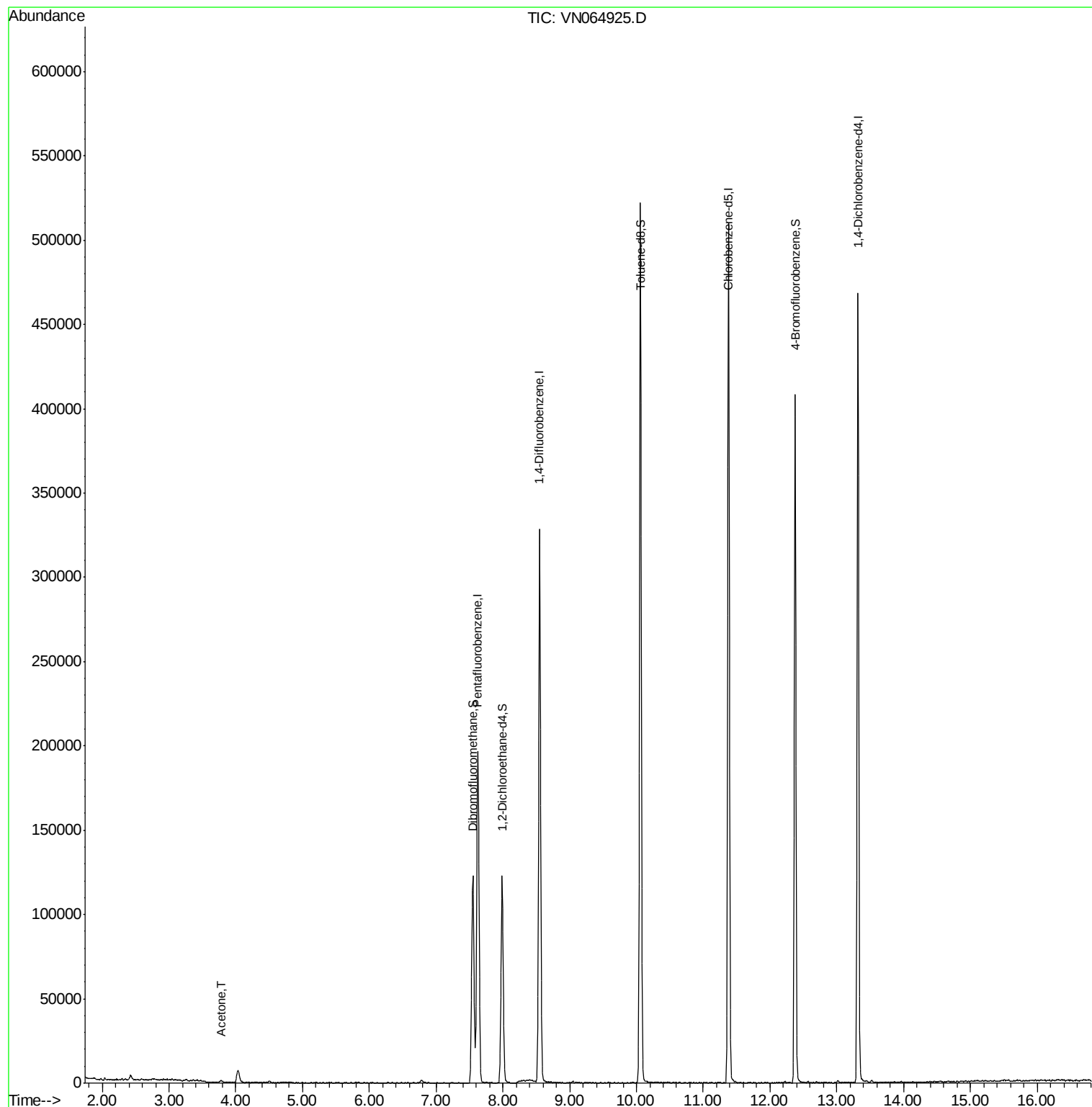
Target Compounds					Qvalue
16) Acetone	3.78	43	2146	3.323 ug/l #	78

(#) = 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: VN064925.D

Acq: 4 Dec 2020 17:42

Instrument :

MSVOA_N

ClientSampleId :

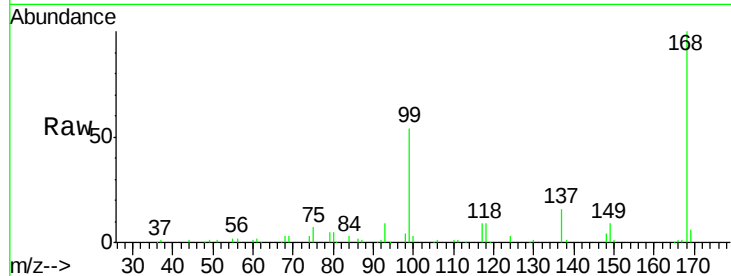
SS013-13-6698-120120

Tot Ion:168 Resp: 168992

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064925.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064925.D (-1738) (-)

7.63

80000

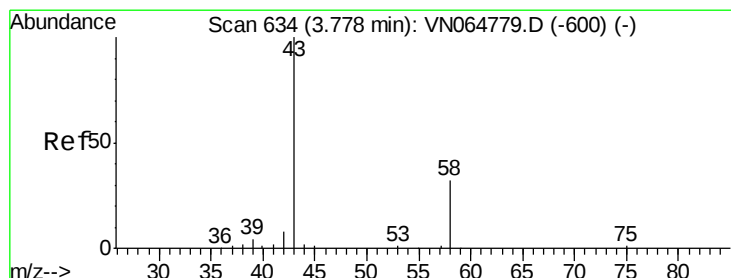
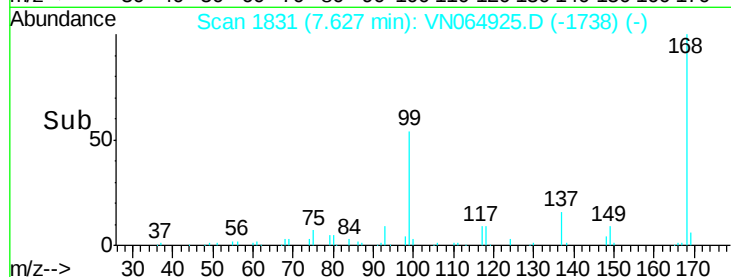
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 3.323 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064925.D

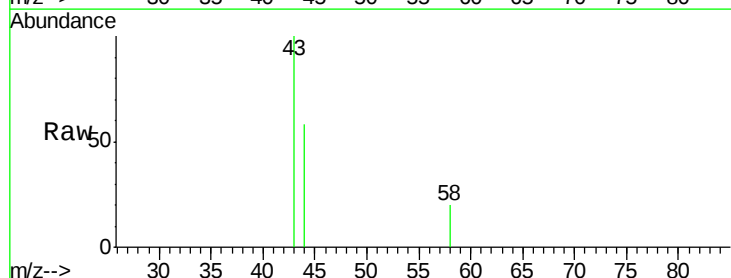
Acq: 4 Dec 2020 17:42

Tgt Ion: 43 Resp: 2146

Ion Ratio Lower Upper

43 100

58 20.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN064925.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064925.D (-541) (-)

3.78

1000

800

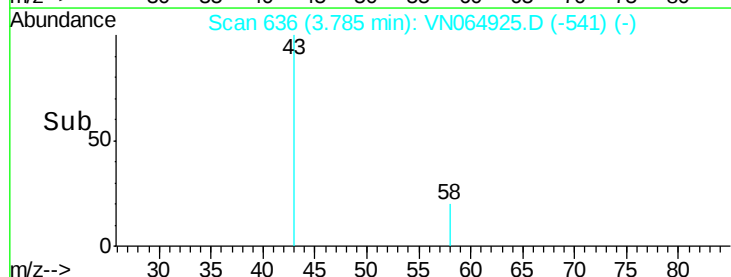
600

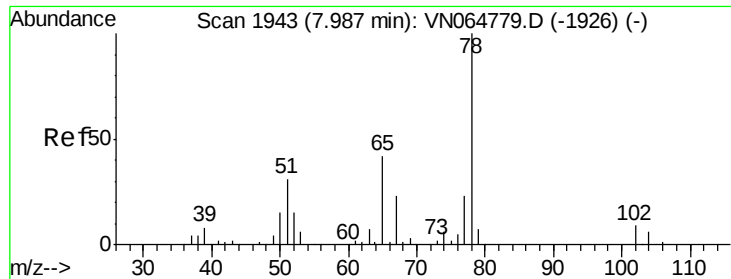
400

200

0

Time--> 3.70 3.75 3.80

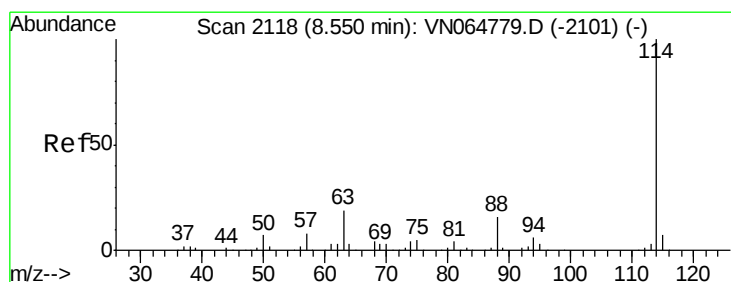
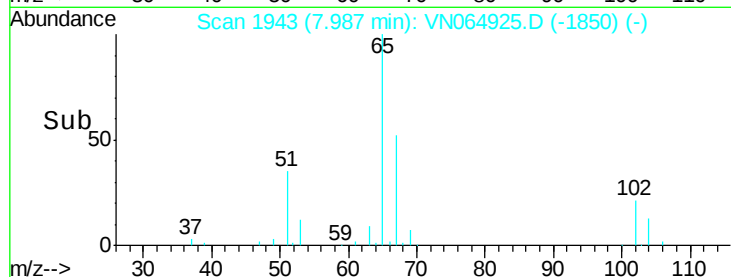
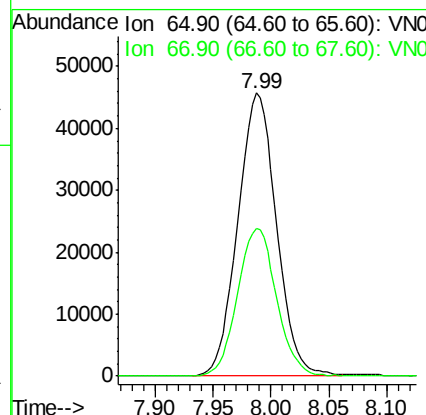
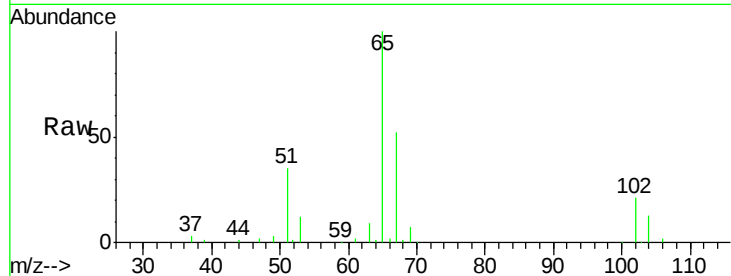




#33
 1,2-Dichloroethane-d4
 Concen: 53.842 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064925.D
 Acq: 4 Dec 2020 17:42

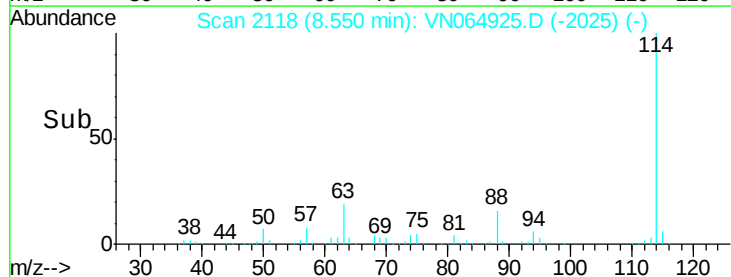
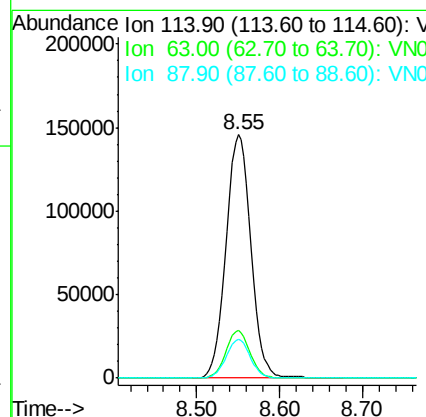
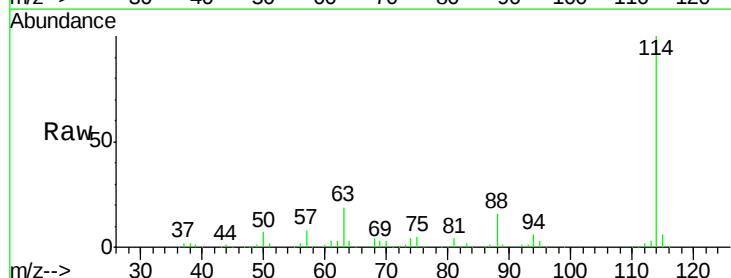
Instrument :
 MSVOA_N
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 SS013-13-6698-120120

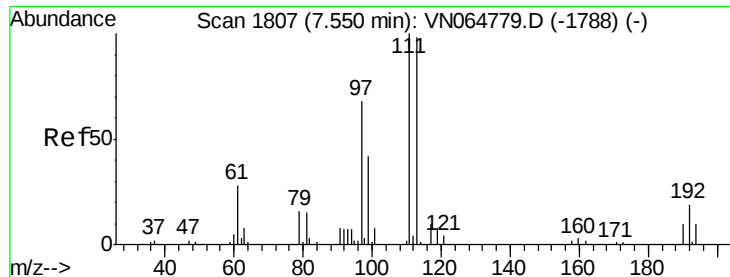
Tot Ion: 65 Resp: 105781
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064925.D
 Acq: 4 Dec 2020 17:42

Tgt Ion: 114 Resp: 302844
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.7 0.0 32.6

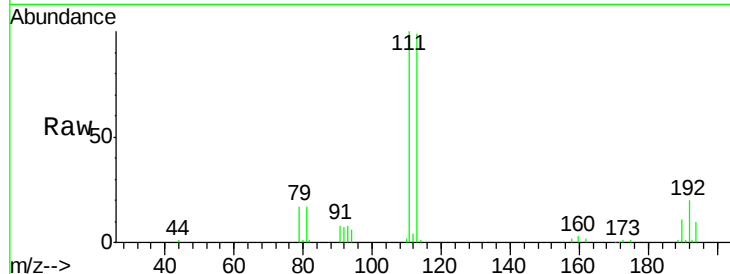




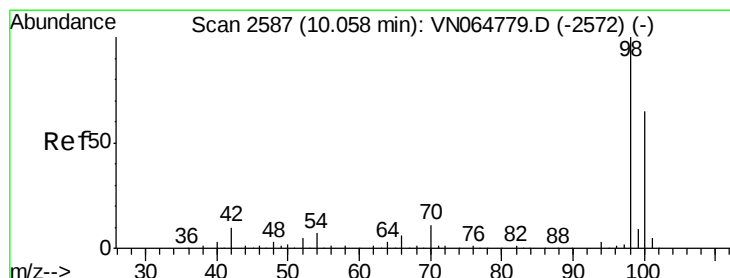
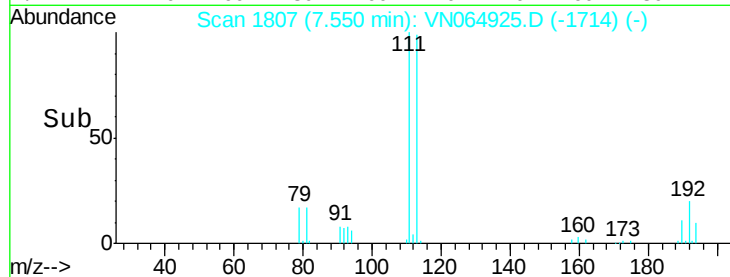
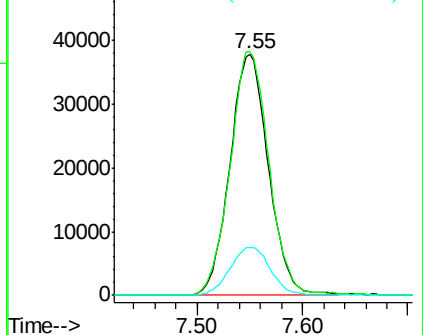
#35
 Dibromofluoromethane
 Concen: 52.906 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064925.D
 Acq: 4 Dec 2020 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6698-120120

Tot Ion:113 Resp: 95872
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.6 122.4
 192 20.7 16.2 24.2

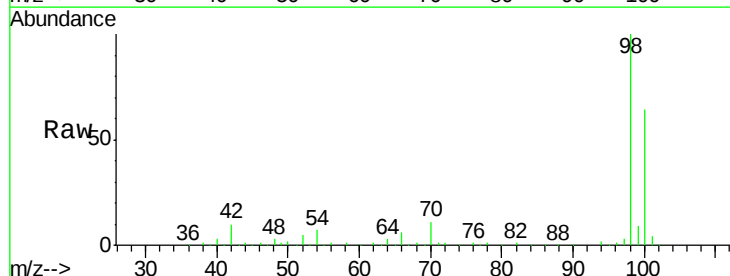


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

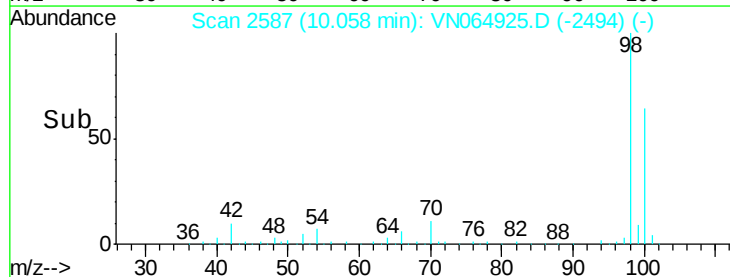
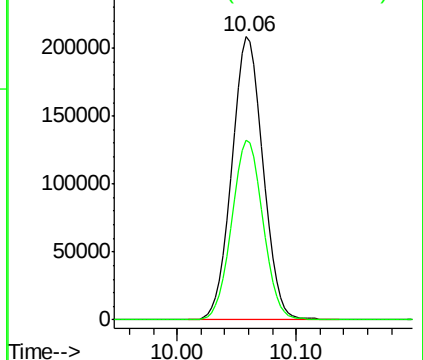


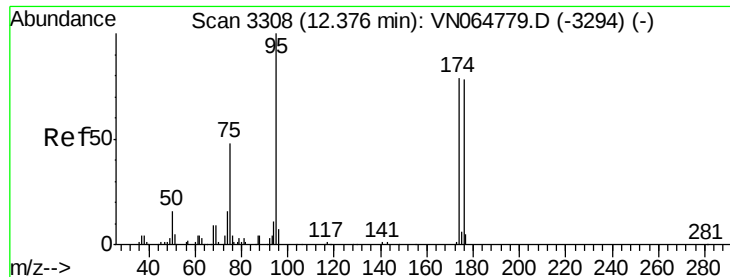
#50
 Toluene-d8
 Concen: 51.109 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064925.D
 Acq: 4 Dec 2020 17:42

Tgt Ion: 98 Resp: 378421
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.7 77.5



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

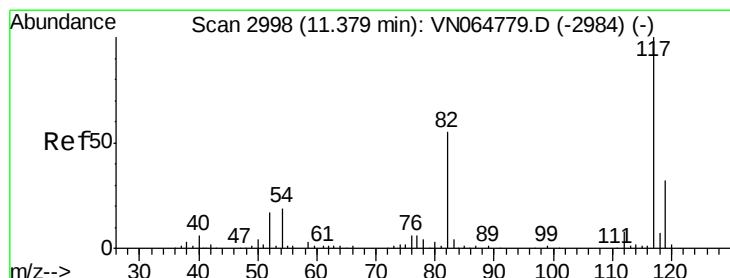
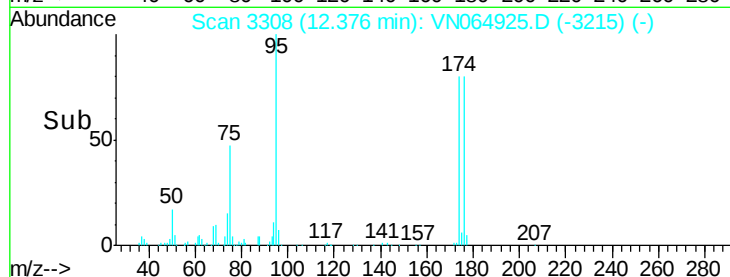
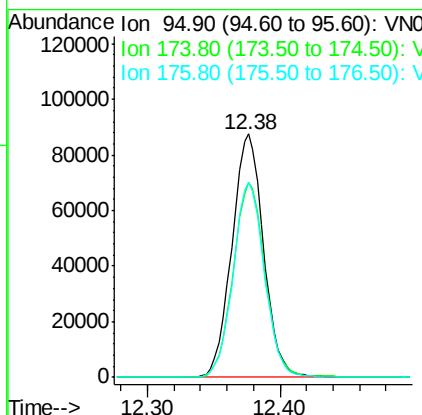
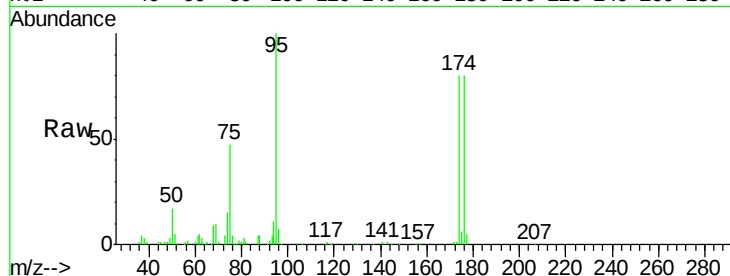




#62
4-Bromofluorobenzene
Concen: 54.699 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064925.D
Acq: 4 Dec 2020 17:42

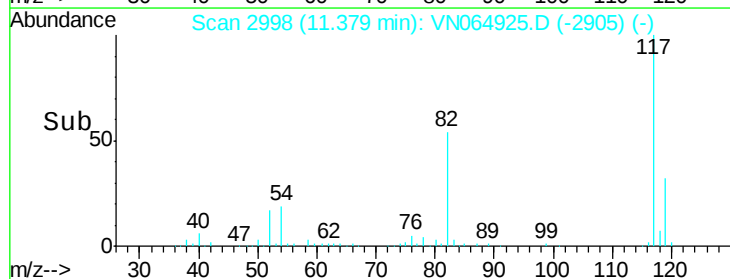
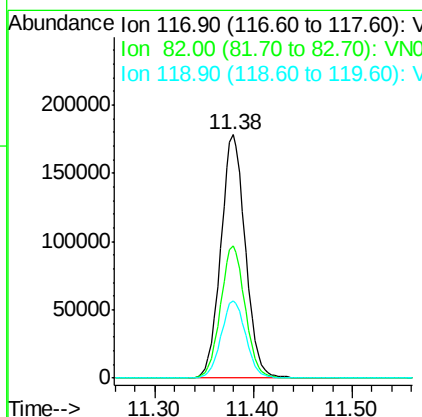
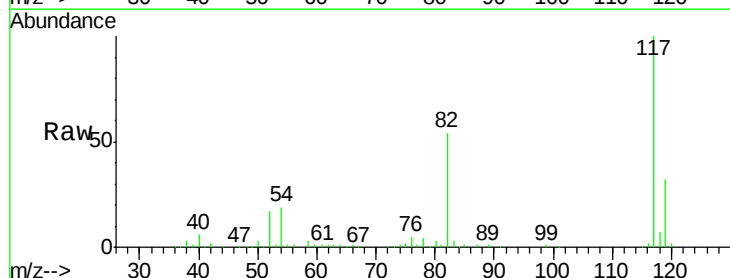
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6698-120120

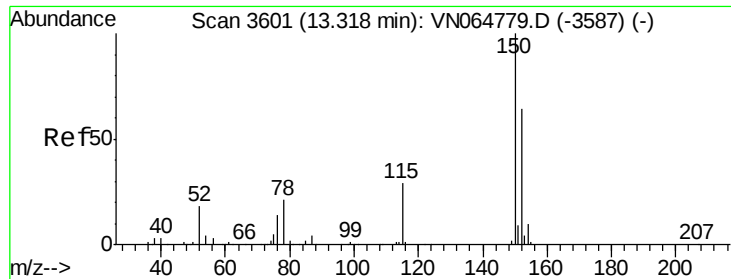
Tot Ion: 95 Resp: 144942
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.4
176 79.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064925.D
Acq: 4 Dec 2020 17:42

Tgt Ion: 117 Resp: 311090
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064925.D

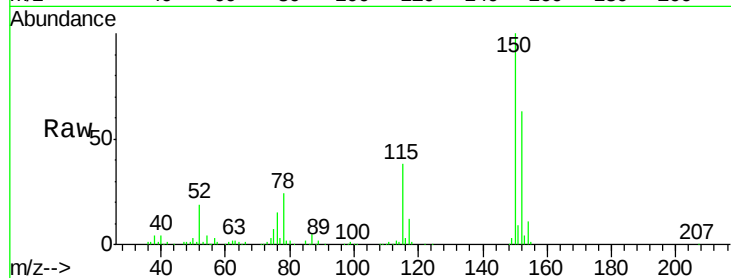
Acq: 4 Dec 2020 17:42

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6698-120120



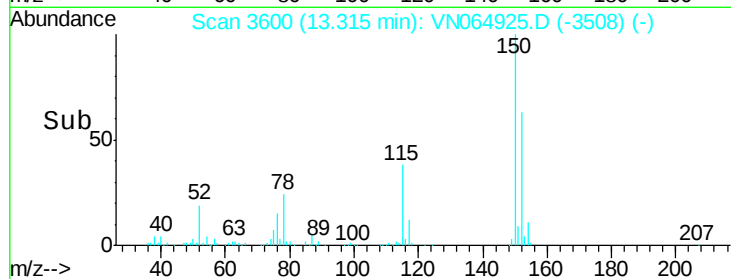
Tot Ion:152 Resp: 133225

Ion Ratio Lower Upper

152 100

115 58.6 29.7 89.1

150 160.1 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

