

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064946.D
 Acq On : 7 Dec 2020 15:36
 Operator : JC/MD
 Sample : L4954-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6707-120220

Quant Time: Jan 23 06:08:57 2021
 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	7.62	168	180686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	321648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	327990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146684	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	103946	49.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.96%	
35) Dibromofluoromethane		7.55	113	97601	50.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.42%	
50) Toluene-d8		10.06	98	398794	50.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.42%	
62) 4-Bromofluorobenzene		12.38	95	156859	55.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.48%	

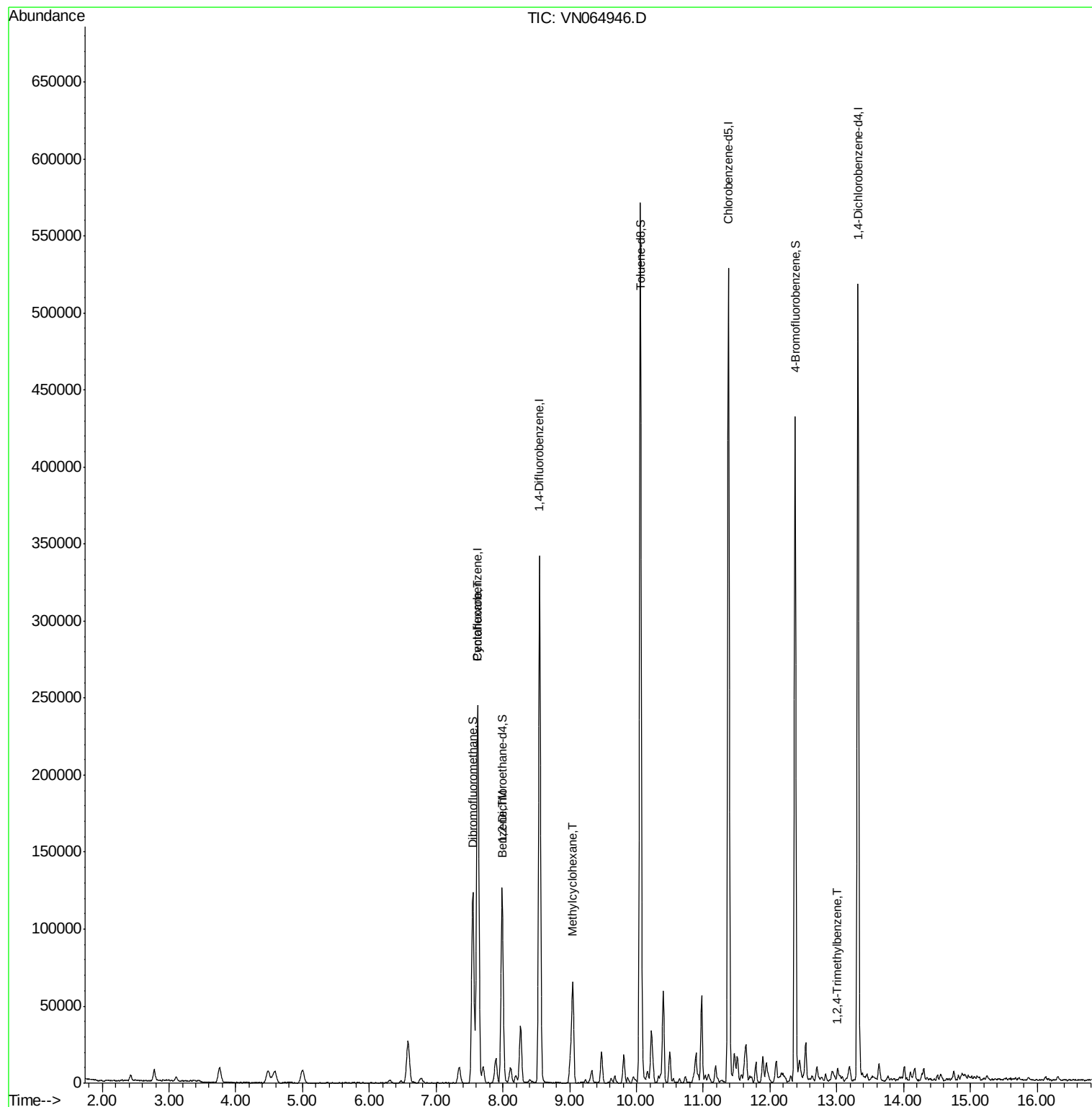
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.61	56	28705	9.805	ug/l #	94
39) Methylcyclohexane	9.05	83	31425	9.791	ug/l	95
40) Benzene	8.00	78	6970	0.763	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	3768	0.439	ug/l	87

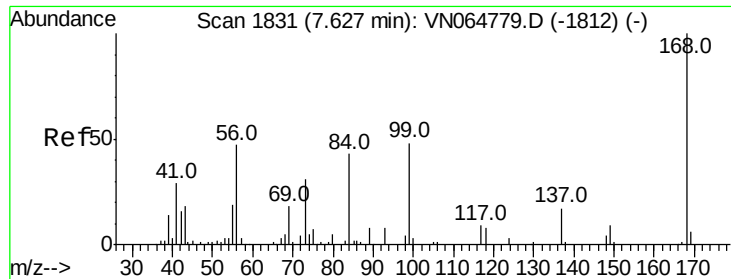
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120720\
Data File : VN064946.D
Acq On : 7 Dec 2020 15:36
Operator : JC/MD
Sample : L4954-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6707-120220

Quant Time: Jan 23 06:08:57 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 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: VN064946.D

Acq: 7 Dec 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

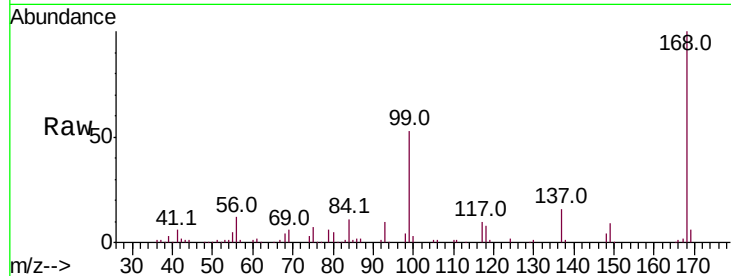
SS013-13-6707-120220

Tot Ion:168 Resp: 180686

Ion Ratio Lower Upper

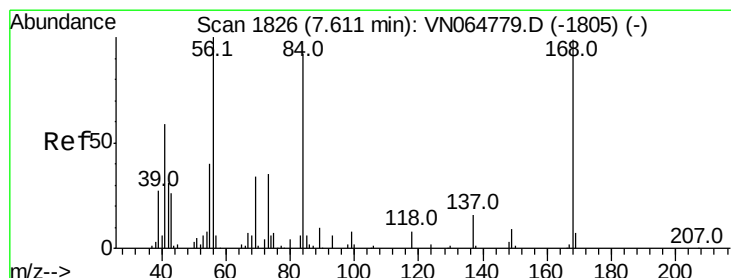
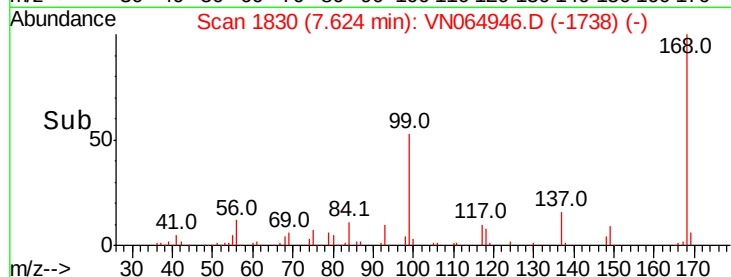
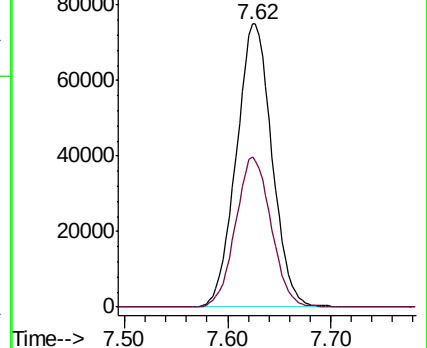
168 100

99 53.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#31

Cyclohexane

Concen: 9.805 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064946.D

Acq: 7 Dec 2020 15:36

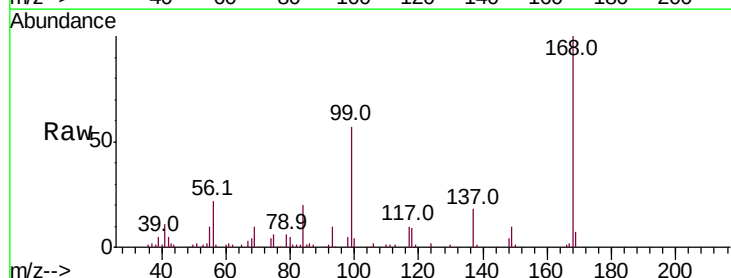
Tgt Ion: 56 Resp: 28705

Ion Ratio Lower Upper

56 100

69 43.3 27.5 41.3#

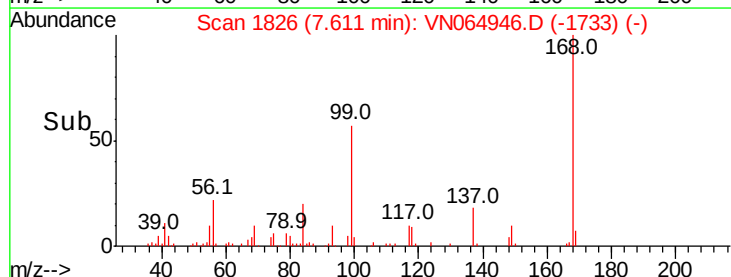
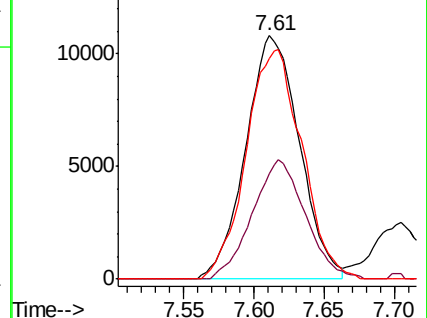
84 90.5 73.9 110.9

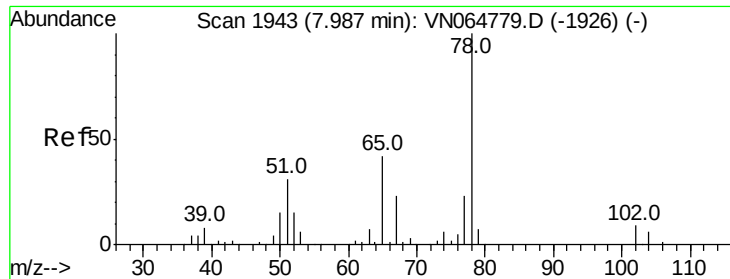


Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

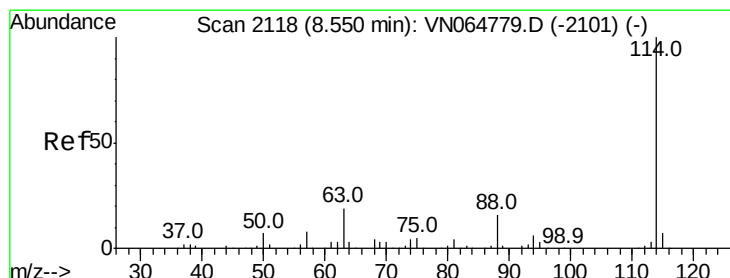
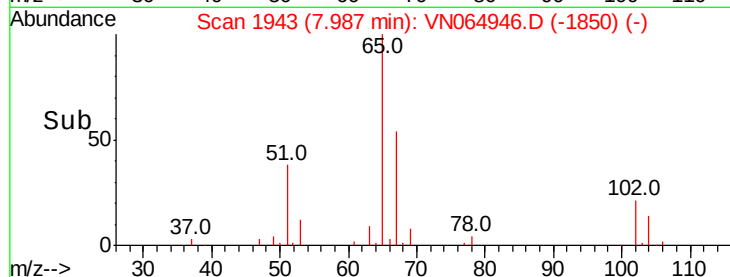
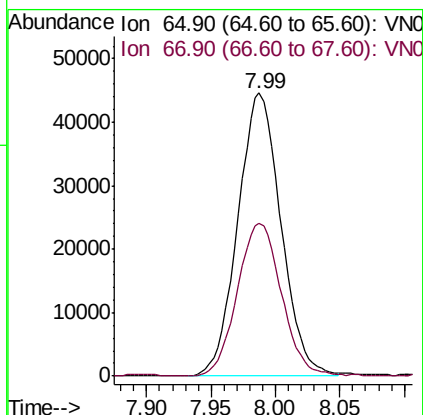
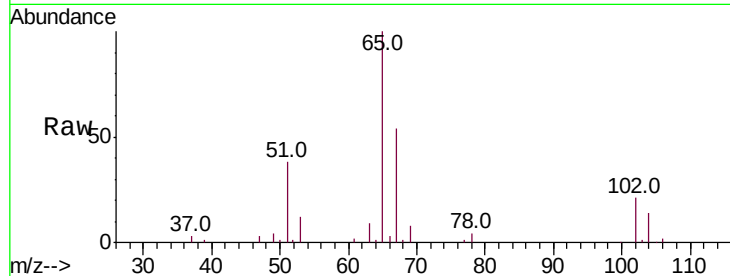




#33
 1,2-Dichloroethane-d4
 Concen: 49.484 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064946.D
 Acq: 7 Dec 2020 15:36

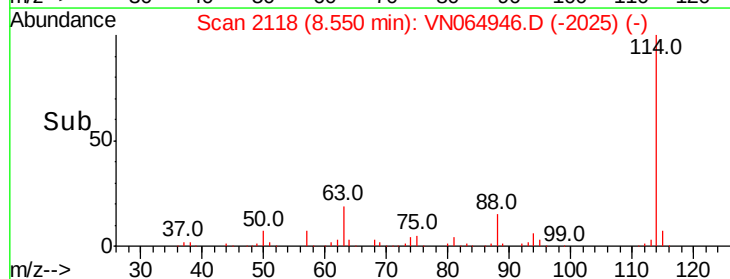
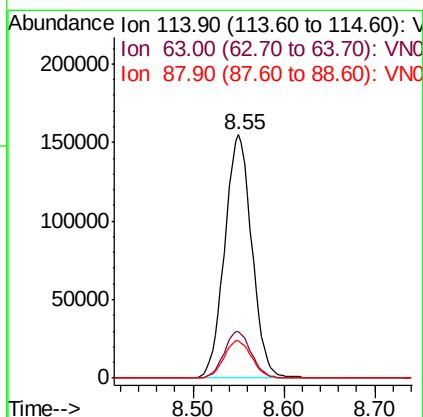
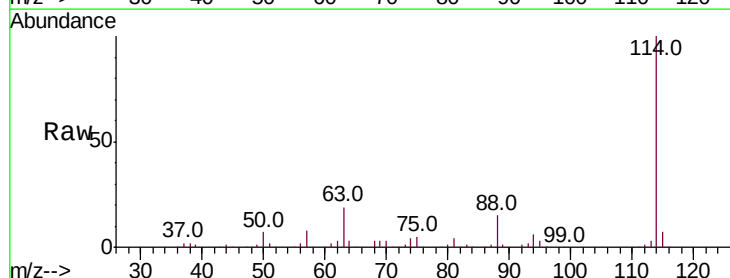
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6707-120220

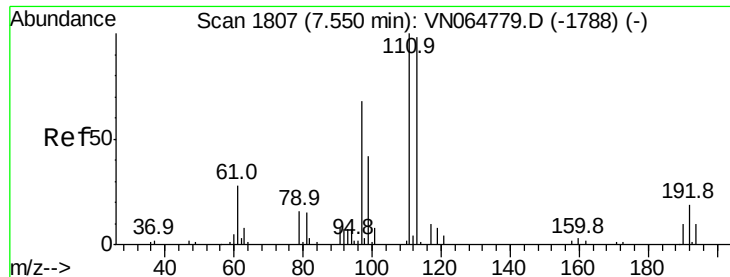
Tot Ion: 65 Resp: 103946
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064946.D
 Acq: 7 Dec 2020 15:36

Tgt Ion: 114 Resp: 321648
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.2 0.0 32.6

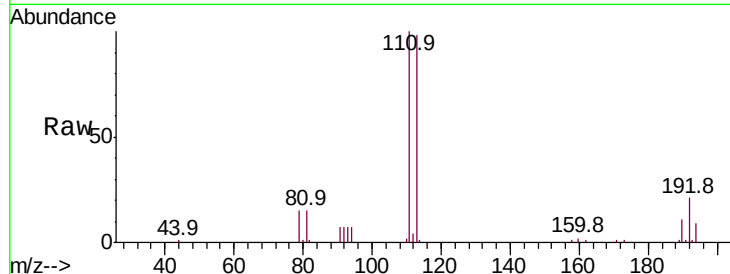




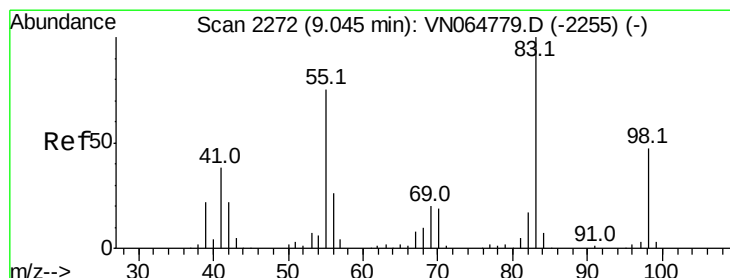
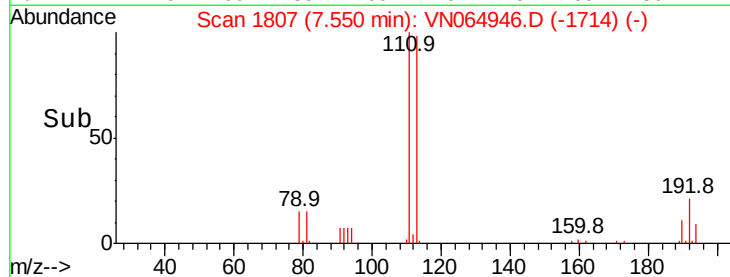
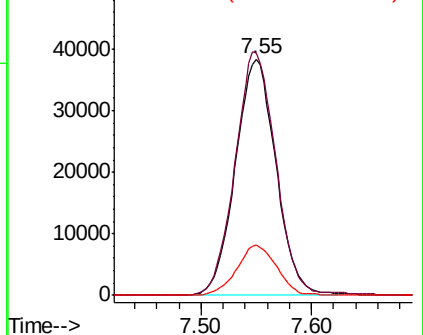
#35
 Dibromofluoromethane
 Concen: 50.711 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064946.D
 Acq: 7 Dec 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6707-120220

Tot Ion:113 Resp: 97601
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.6 122.4
 192 20.8 16.2 24.2

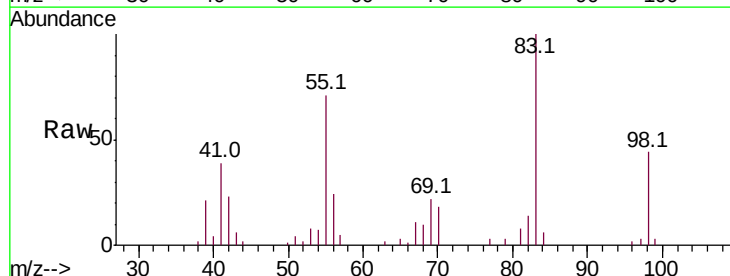


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

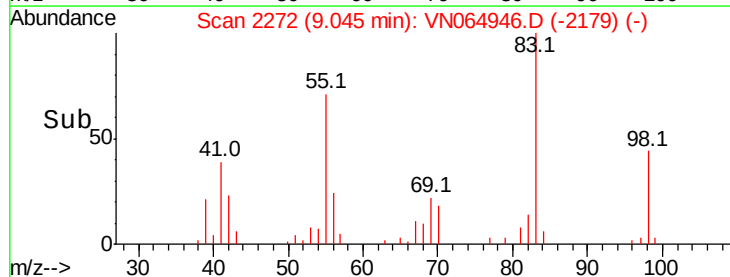
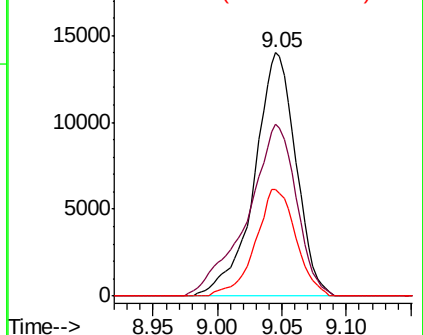


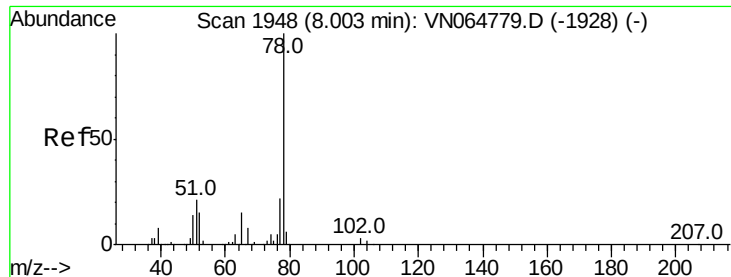
#39
 Methylcyclohexane
 Concen: 9.791 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN064946.D
 Acq: 7 Dec 2020 15:36

Tgt Ion: 83 Resp: 31425
 Ion Ratio Lower Upper
 83 100
 55 70.6 60.2 90.2
 98 43.9 37.4 56.2



Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 55.00 (54.70 to 55.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 0.763 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064946.D

Acq: 7 Dec 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

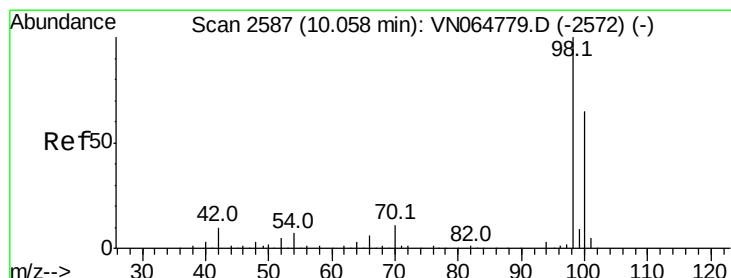
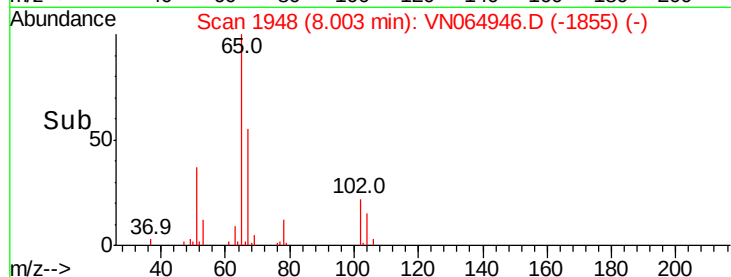
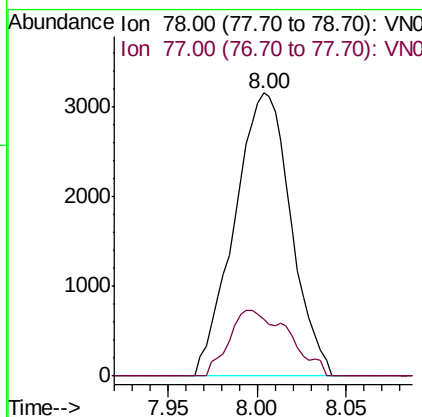
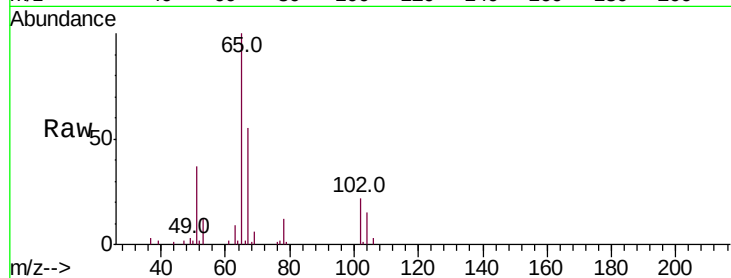
SS013-13-6707-120220

Tot Ion: 78 Resp: 6970

Ion Ratio Lower Upper

78 100

77 20.0 17.9 26.9



#50

Toluene-d8

Concen: 50.712 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064946.D

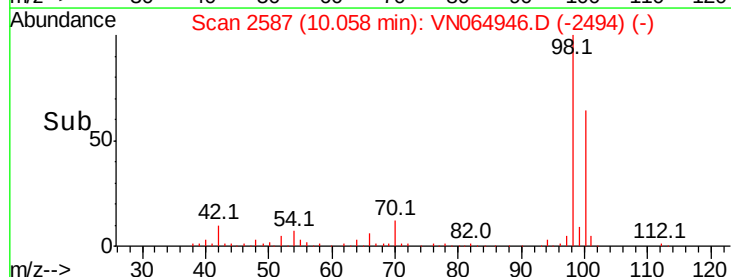
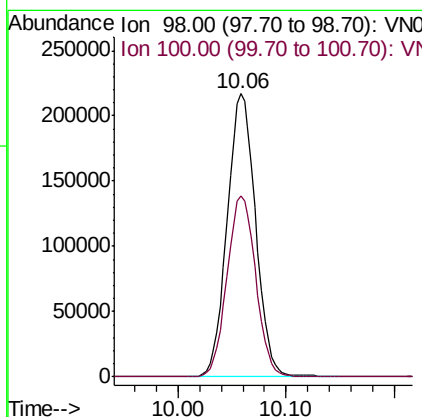
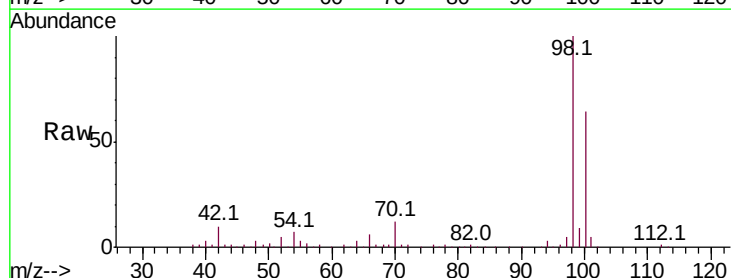
Acq: 7 Dec 2020 15:36

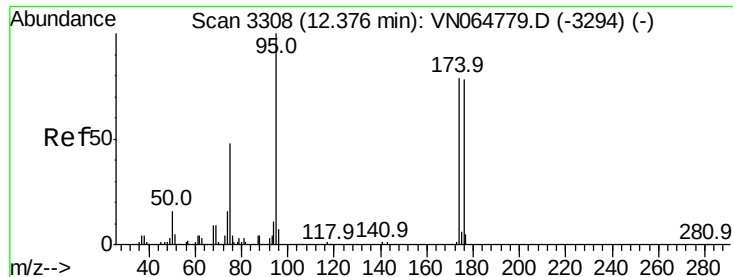
Tgt Ion: 98 Resp: 398794

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 55.736 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064946.D

Acq: 7 Dec 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6707-120220

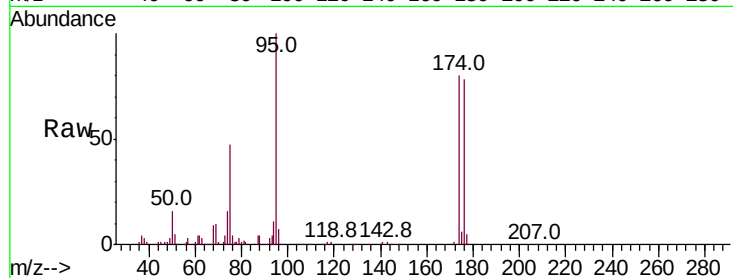
Tot Ion: 95 Resp: 156859

Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.4

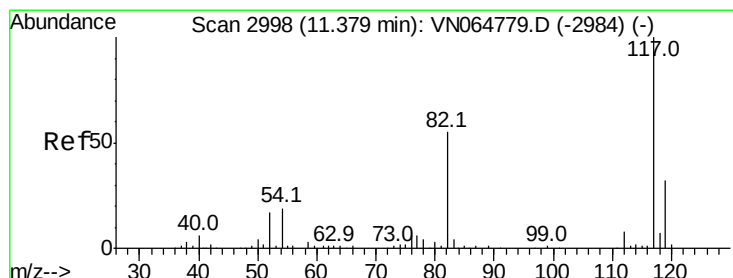
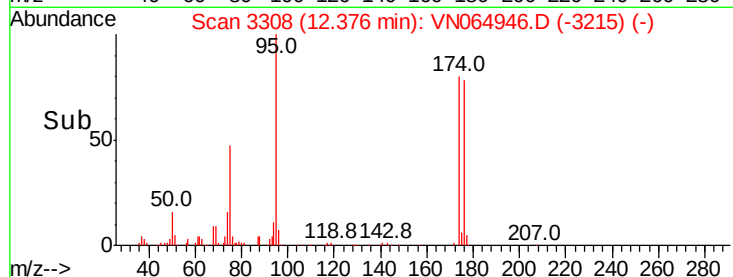
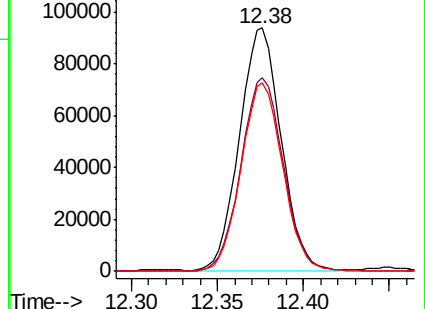
176 78.1 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064946.D

Acq: 7 Dec 2020 15:36

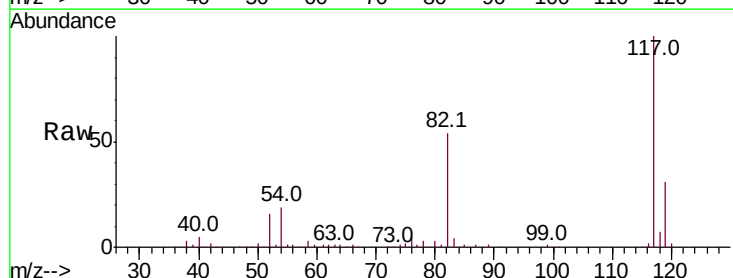
Tgt Ion: 117 Resp: 327990

Ion Ratio Lower Upper

117 100

82 53.7 44.2 66.2

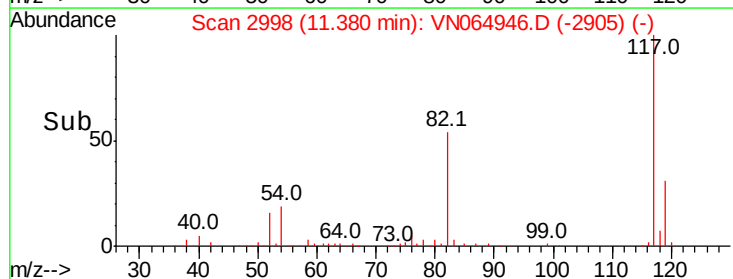
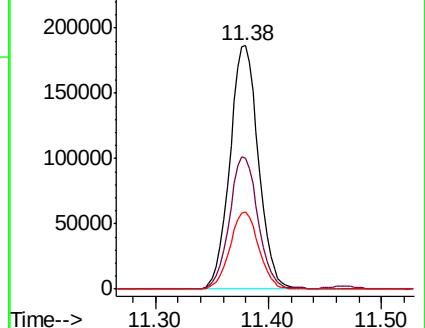
119 31.5 25.8 38.6

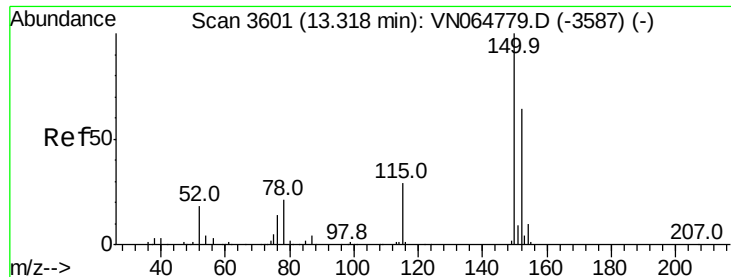


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064946.D

Acq: 7 Dec 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6707-120220

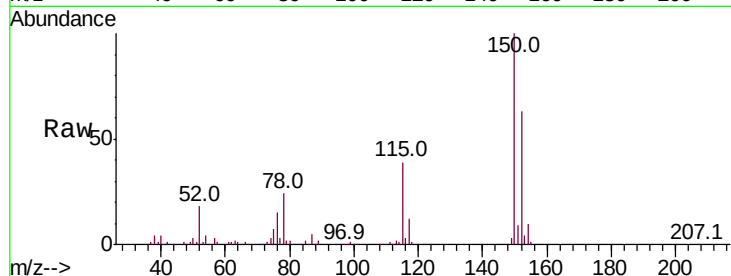
Tot Ion:152 Resp: 146684

Ion Ratio Lower Upper

152 100

115 60.0 29.7 89.1

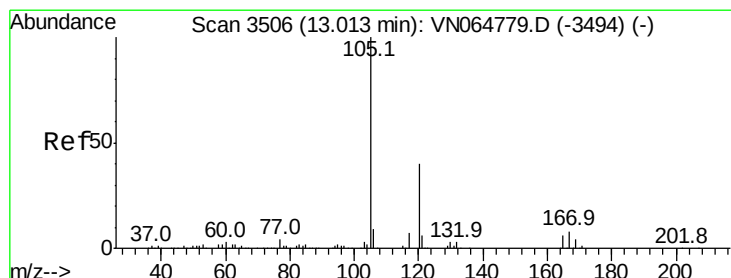
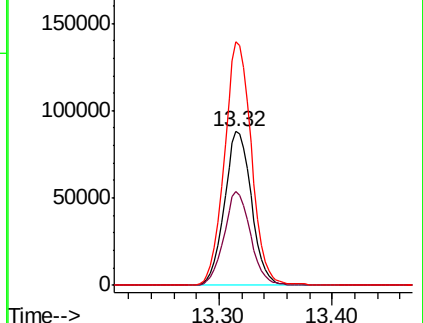
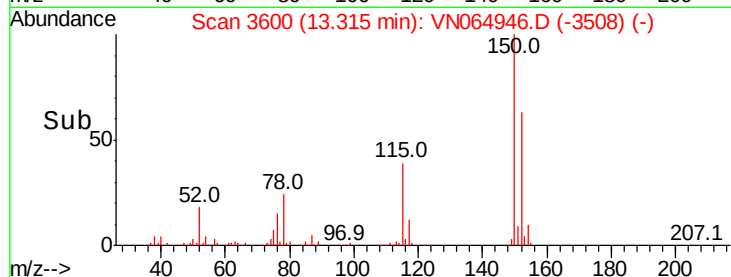
150 157.7 0.0 350.6



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



#84

1,2,4-Trimethylbenzene

Concen: 0.439 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064946.D

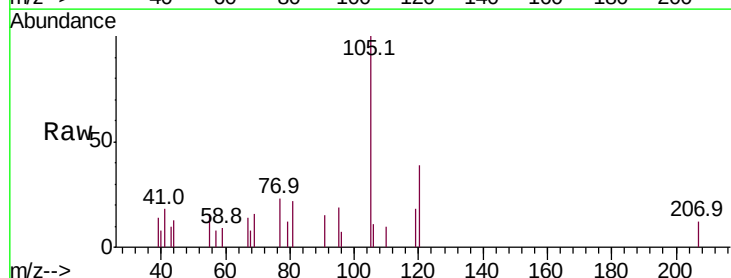
Acq: 7 Dec 2020 15:36

Tgt Ion:105 Resp: 3768

Ion Ratio Lower Upper

105 100

120 37.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

