

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064948.D
 Acq On : 7 Dec 2020 16:24
 Operator : JC/MD
 Sample : L4954-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6092-120220

Quant Time: Dec 08 16:53:35 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	179514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	321066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	332942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107953	51.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	103.46%		
35) Dibromofluoromethane	7.55	113	101404	52.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.56%		
50) Toluene-d8	10.06	98	401811	51.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.38%		
62) 4-Bromofluorobenzene	12.38	95	159893	56.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.84%		

Target Compounds

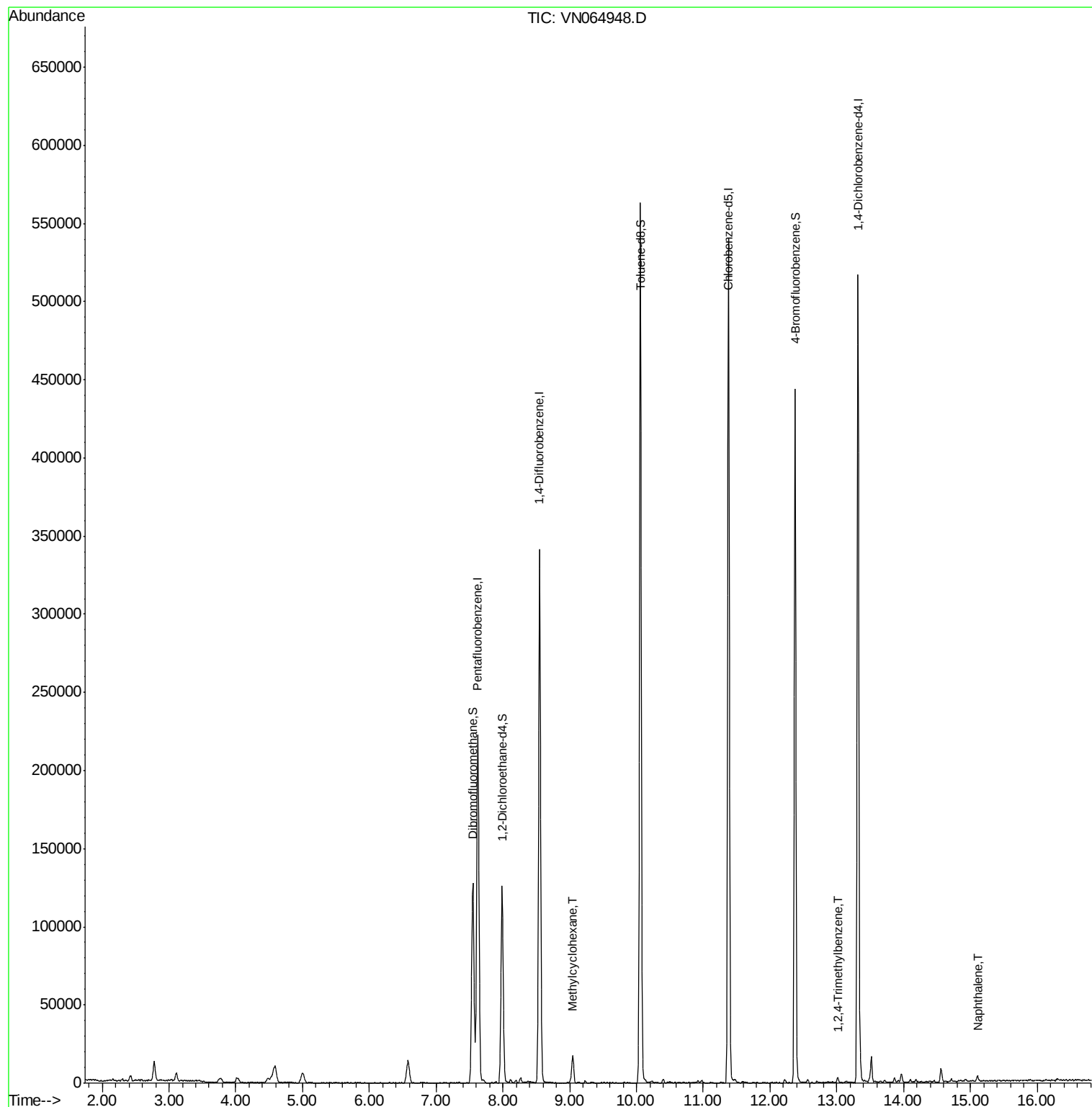
					Qvalue	
39) Methylcyclohexane	9.05	83	7766	2.424	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	2563	0.292	ug/l	88
95) Naphthalene	15.11	128	4561	0.501	ug/l #	94

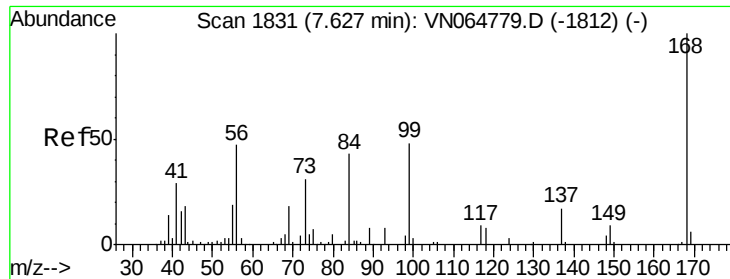
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120720\
Data File : VN064948.D
Acq On : 7 Dec 2020 16:24
Operator : JC/MD
Sample : L4954-20
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6092-120220

Quant Time: Dec 08 16:53:35 2020
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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064948.D

Acq: 7 Dec 2020 16:24

Instrument :

MSVOA_N

ClientSampleId :

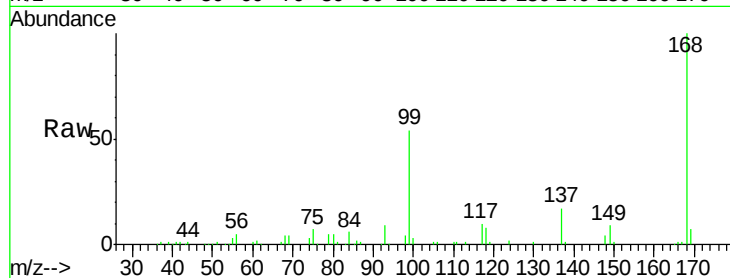
SS013-13-6092-120220

Tot Ion:168 Resp: 179514

Ion Ratio Lower Upper

168 100

99 54.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

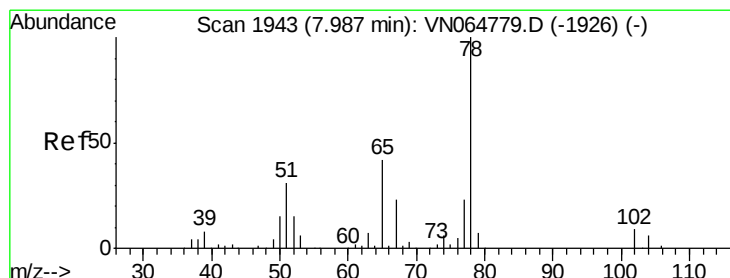
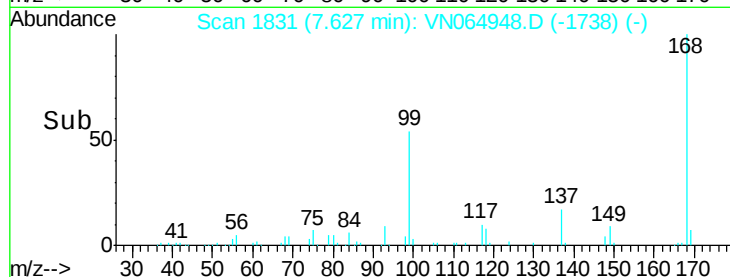
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.727 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064948.D

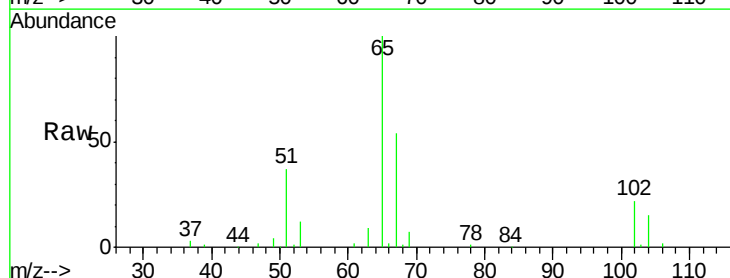
Acq: 7 Dec 2020 16:24

Tgt Ion: 65 Resp: 107953

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

50000

40000

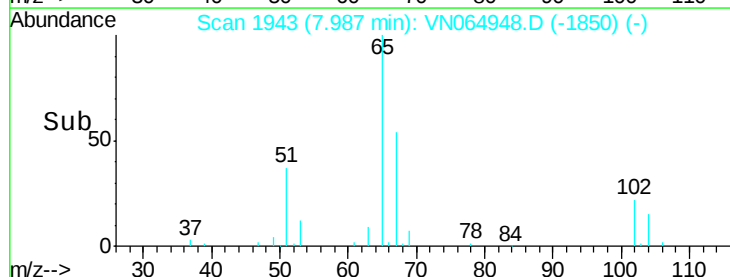
30000

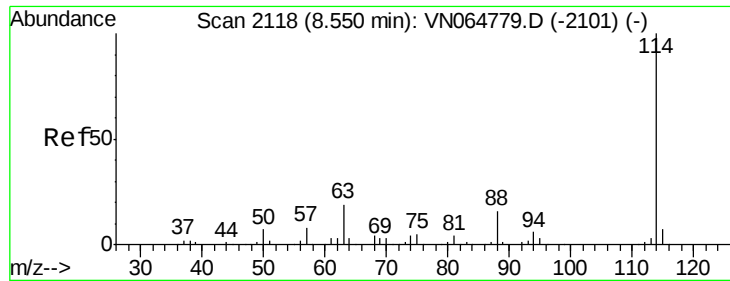
20000

10000

0

Time--> 7.90 7.95 8.00 8.05

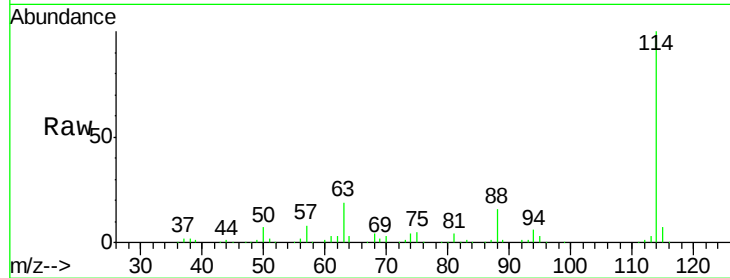




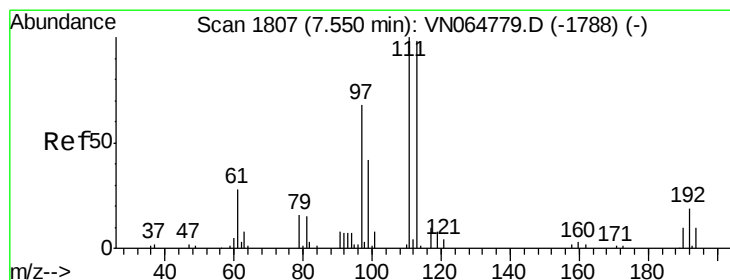
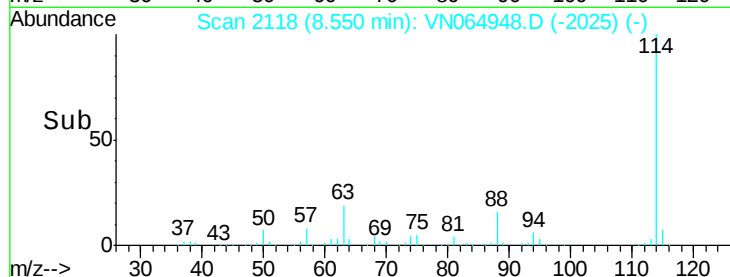
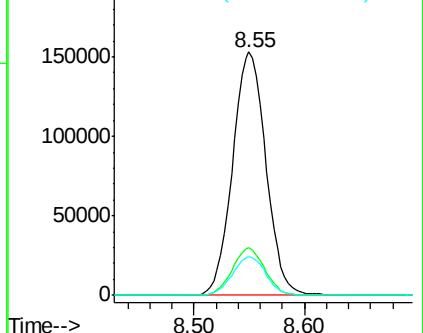
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064948.D
 Acq: 7 Dec 2020 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6092-120220

Tot Ion:114 Resp: 321066
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 16.1 0.0 32.6

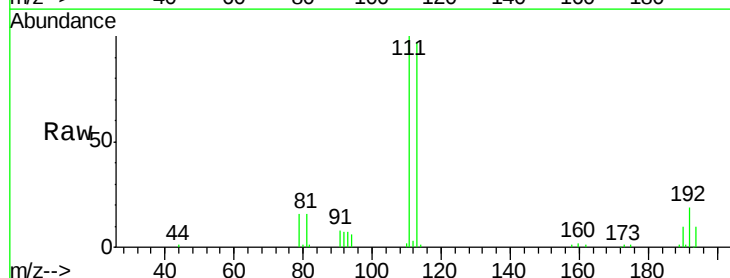


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

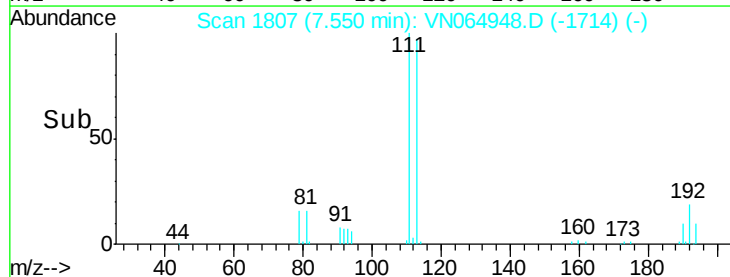
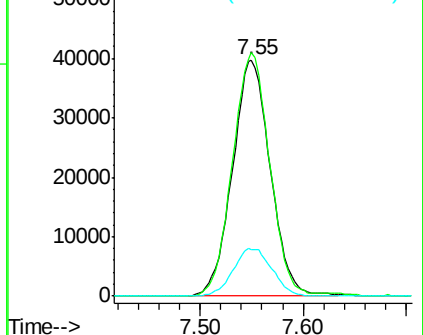


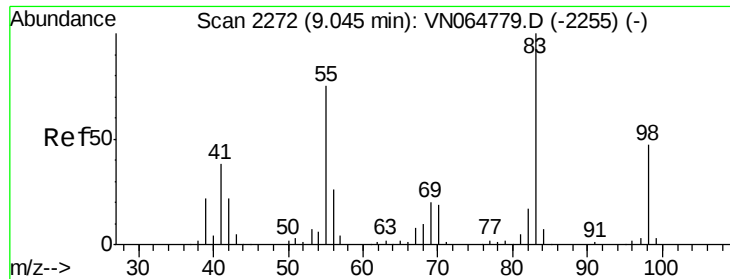
#35
 Dibromofluoromethane
 Concen: 52.783 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064948.D
 Acq: 7 Dec 2020 16:24

Tgt Ion:113 Resp: 101404
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.6 122.4
 192 20.6 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

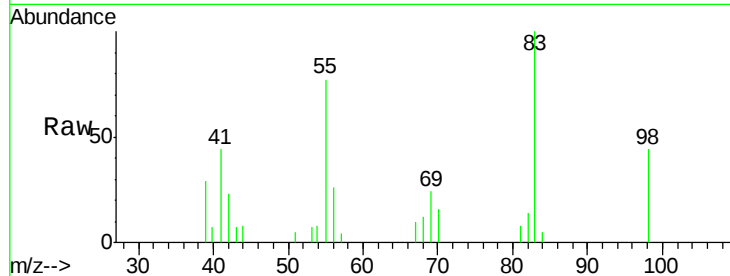




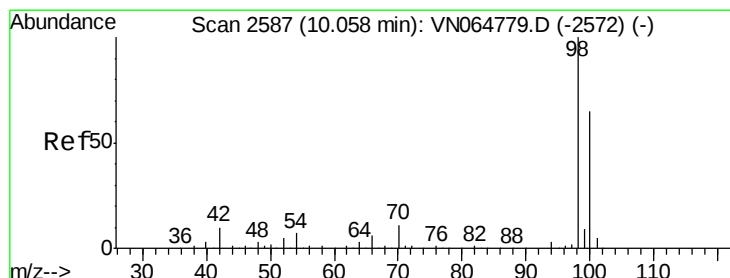
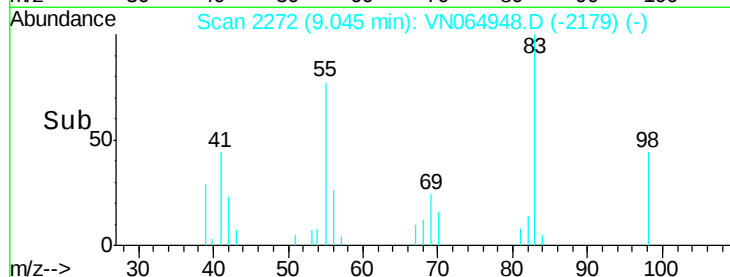
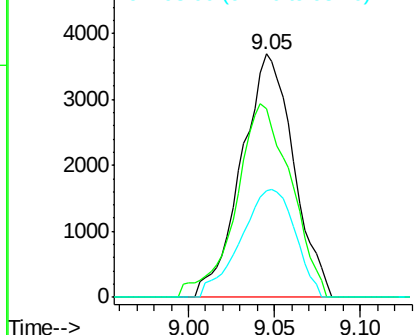
#39
Methvlcvclohexane
Concen: 2.424 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064948.D
Acq: 7 Dec 2020 16:24

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6092-120220

Tot Ion: 83 Resp: 7766
Ion Ratio Lower Upper
83 100
55 77.5 60.2 90.2
98 43.6 37.4 56.2

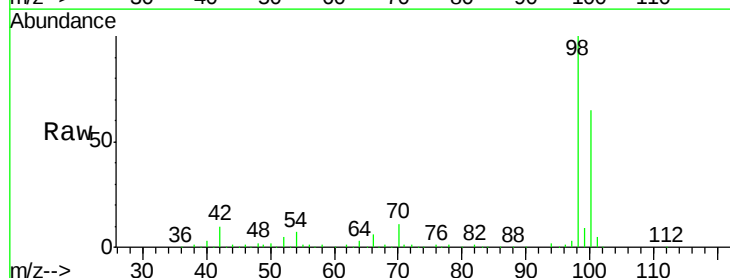


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

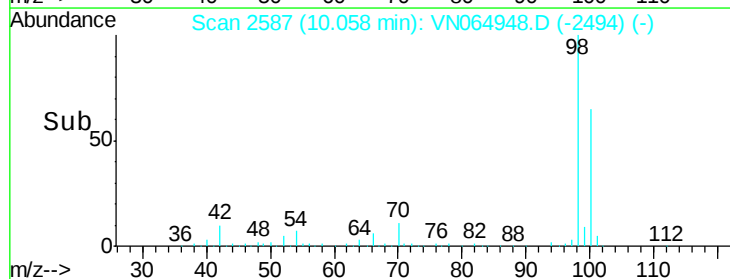
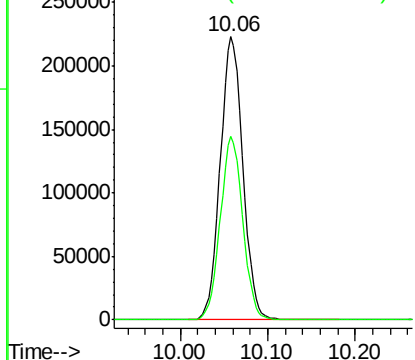


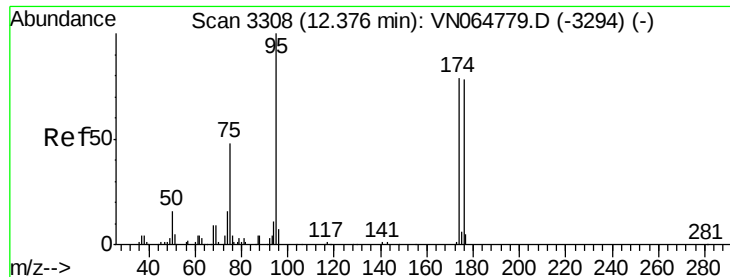
#50
Toluene-d8
Concen: 51.188 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064948.D
Acq: 7 Dec 2020 16:24

Tgt Ion: 98 Resp: 401811
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

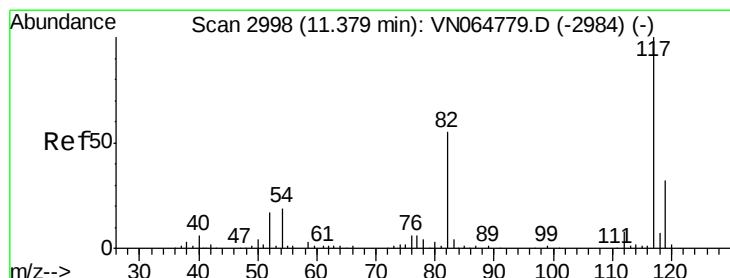
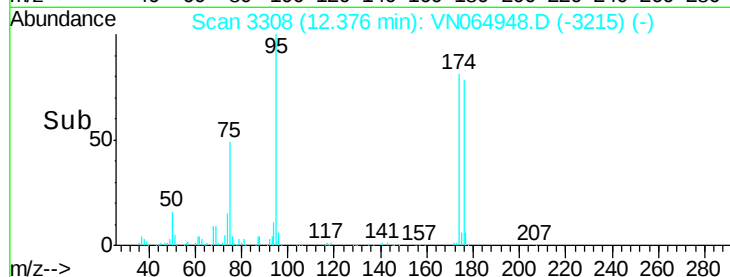
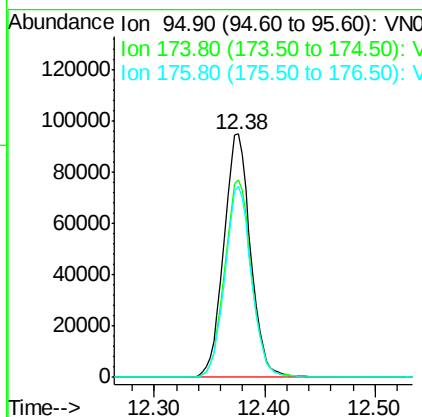
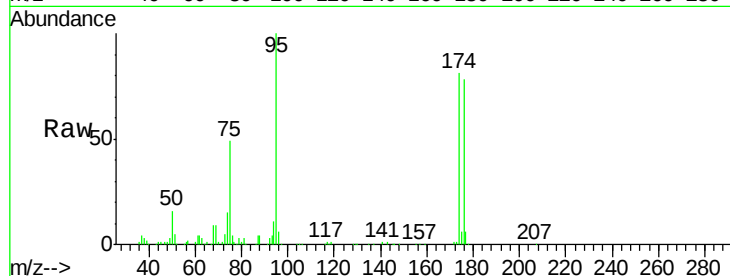




#62
4-Bromofluorobenzene
Concen: 56.917 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064948.D
Acq: 7 Dec 2020 16:24

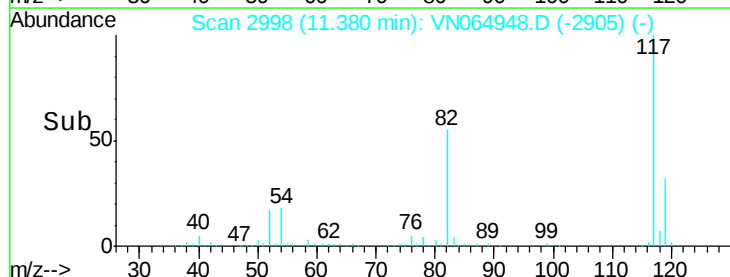
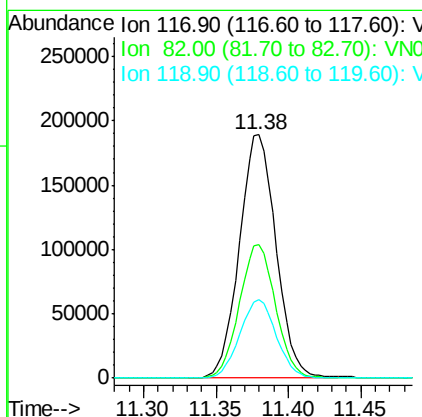
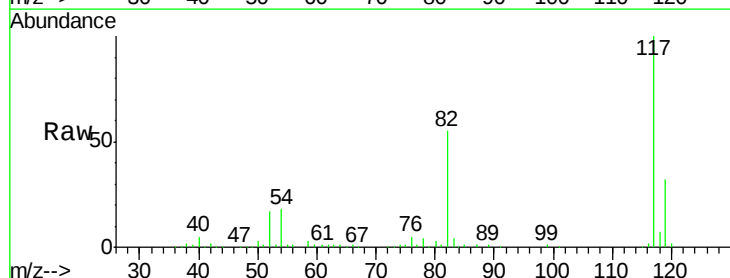
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6092-120220

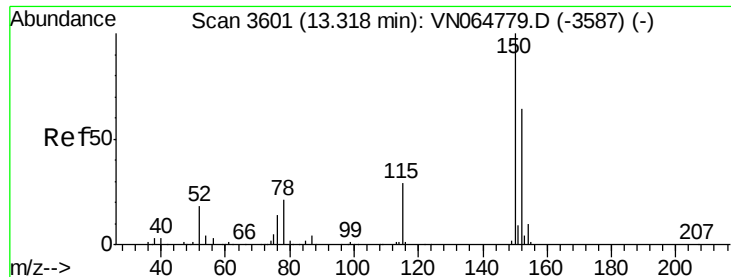
Tot Ion: 95 Resp: 159893
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.4
176 77.4 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064948.D
Acq: 7 Dec 2020 16:24

Tgt Ion: 117 Resp: 332942
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064948.D

Acq: 7 Dec 2020 16:24

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6092-120220

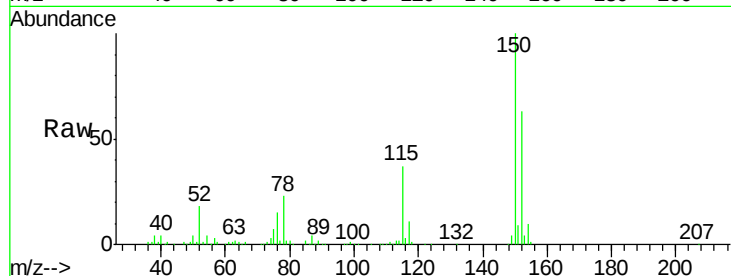
Tot Ion:152 Resp: 150268

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

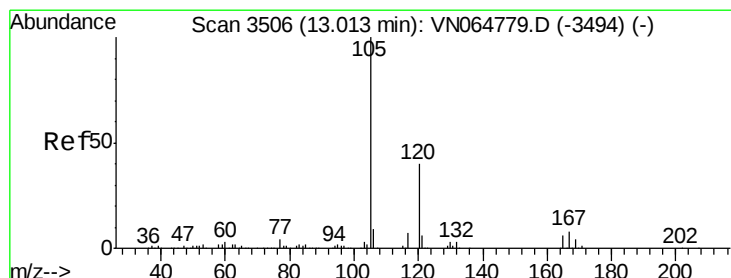
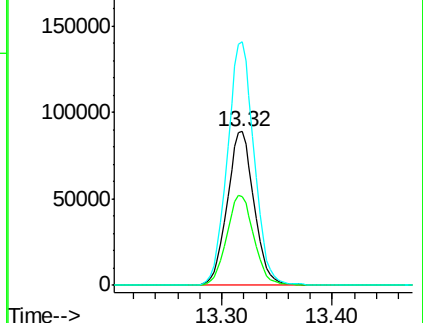
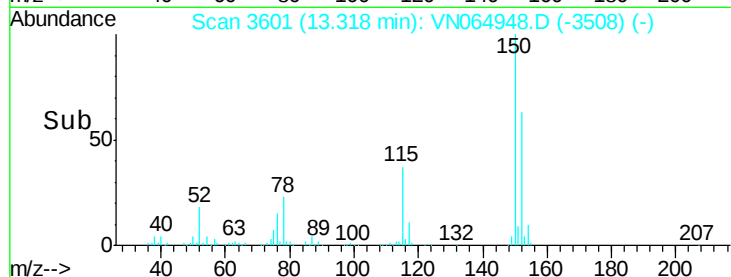
150 157.6 0.0 350.6



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: 0.292 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064948.D

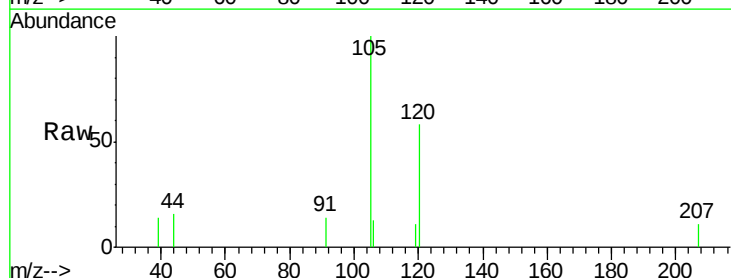
Acq: 7 Dec 2020 16:24

Tgt Ion:105 Resp: 2563

Ion Ratio Lower Upper

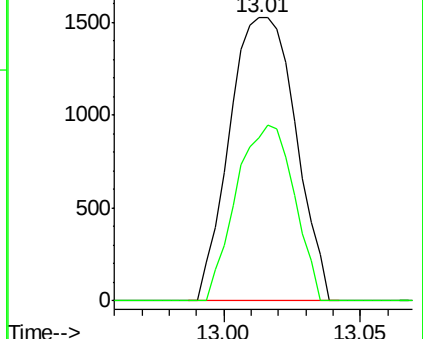
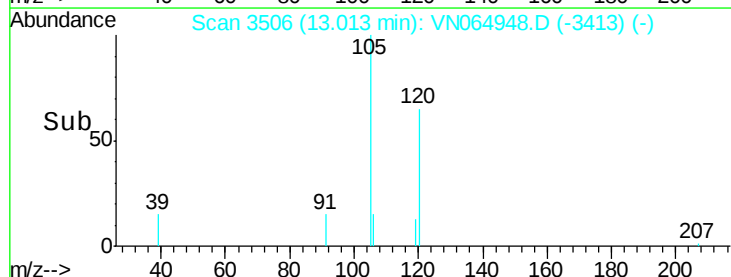
105 100

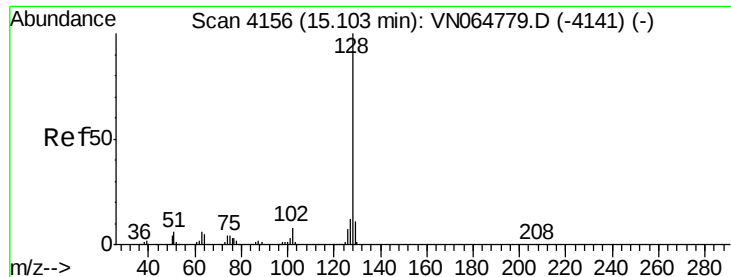
120 54.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.501 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN064948.D

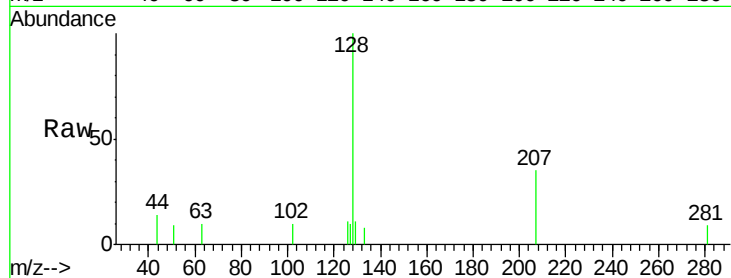
Acq: 7 Dec 2020 16:24

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6092-120220



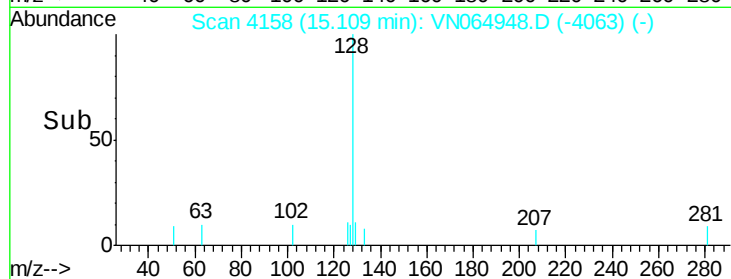
Tot Ion:128 Resp: 4561

Ion Ratio Lower Upper

128 100

127 9.6 10.3 15.5#

129 10.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

