

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064805.D
 Acq On : 24 Nov 2020 13:02
 Operator : JC/MD
 Sample : L4829-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Quant Time: Nov 25 13:08:16 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	168439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	316465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	148880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	100565	51.36	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.72%
35) Dibromofluoromethane	7.55	113	93472	51.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.68%
50) Toluene-d8	10.06	98	374765	50.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.74%
62) 4-Bromofluorobenzene	12.37	95	154693	58.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.20%

Target Compounds

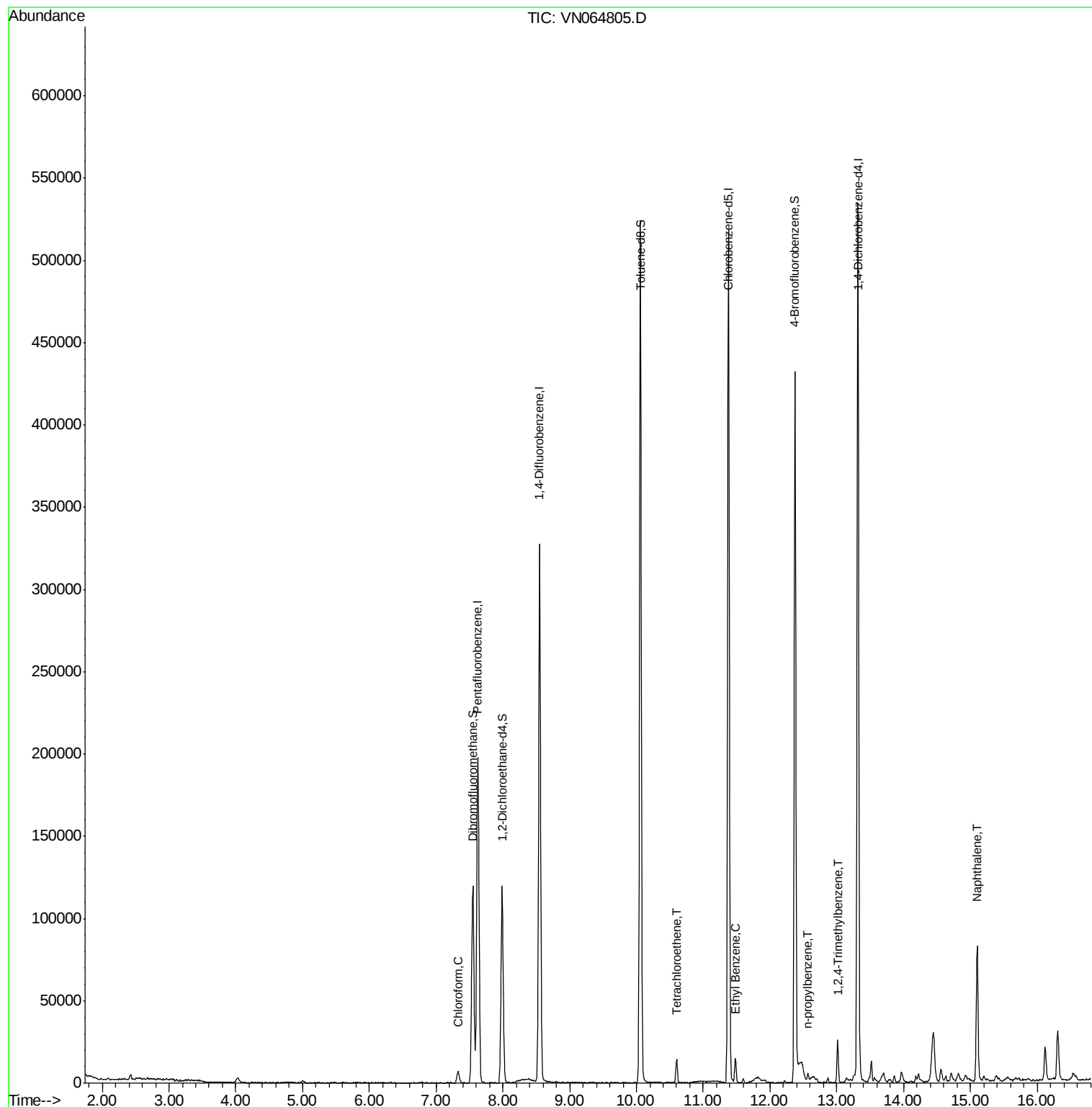
					Qvalue
30) Chloroform	7.33	83	8497	2.557 ug/l	100
64) Tetrachloroethene	10.60	164	3594	1.167 ug/l	94
67) Ethyl Benzene	11.48	91	11407	1.005 ug/l	95
78) n-propylbenzene	12.57	91	3062	0.260 ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	15599	1.792 ug/l	99
95) Naphthalene	15.10	128	76172	8.439 ug/l	99

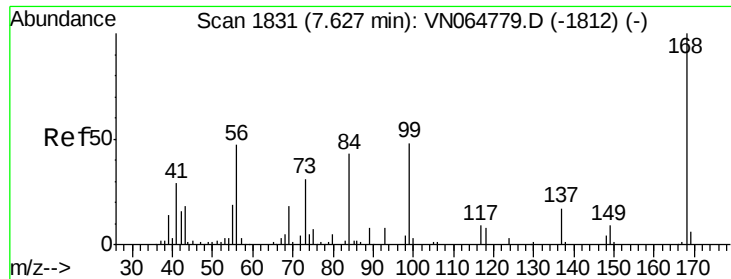
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064805.D

Acq: 24 Nov 2020 13:02

Instrument :

MSVOA_N

ClientSampled :

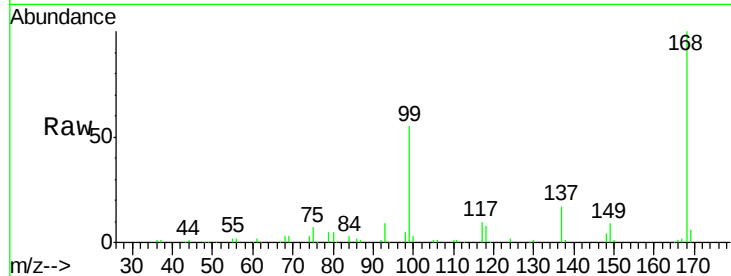
MW-17

Tot Ion:168 Resp: 168439

Ion Ratio Lower Upper

168 100

99 55.2 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

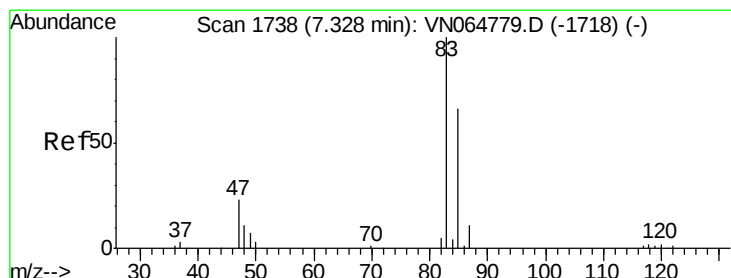
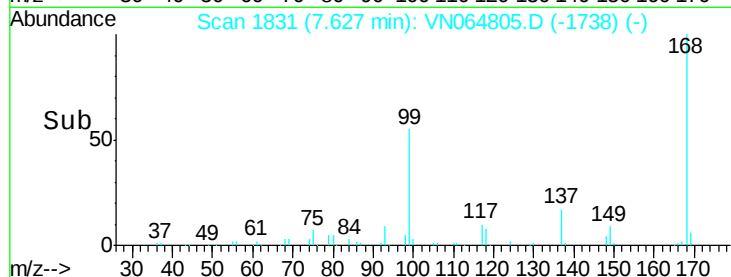
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#30

Chloroform

Concen: 2.557 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064805.D

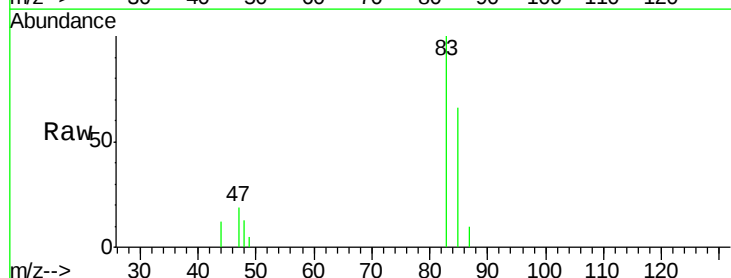
Acq: 24 Nov 2020 13:02

Tgt Ion: 83 Resp: 8497

Ion Ratio Lower Upper

83 100

85 65.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VN

7.33

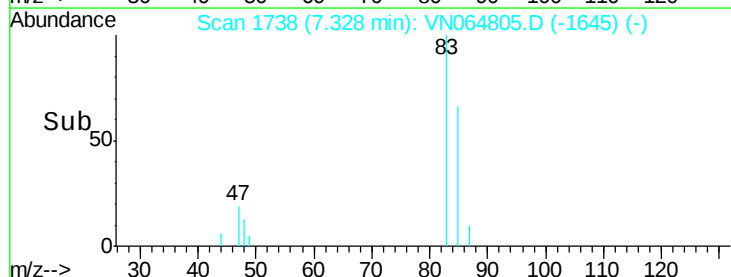
3000

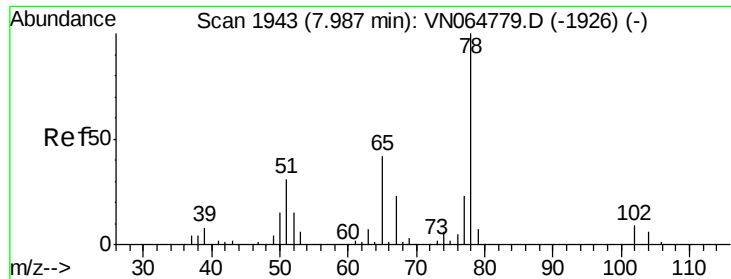
2000

1000

0

Time--> 7.25 7.30 7.35 7.40

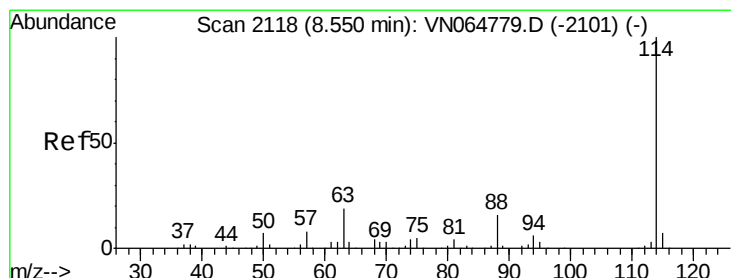
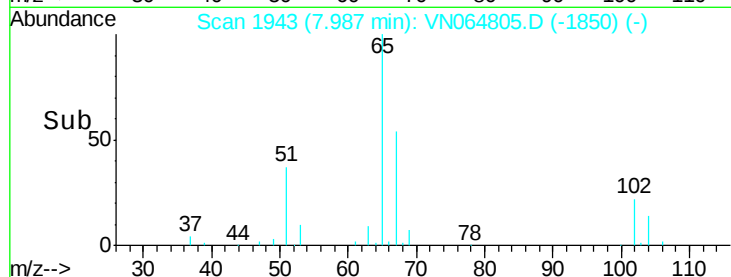
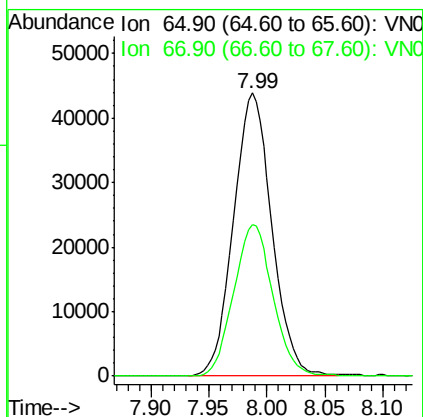
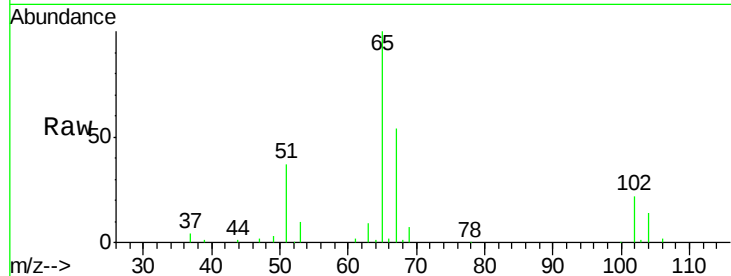




#33
 1,2-Dichloroethane-d4
 Concen: 51.355 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064805.D
 Acq: 24 Nov 2020 13:02

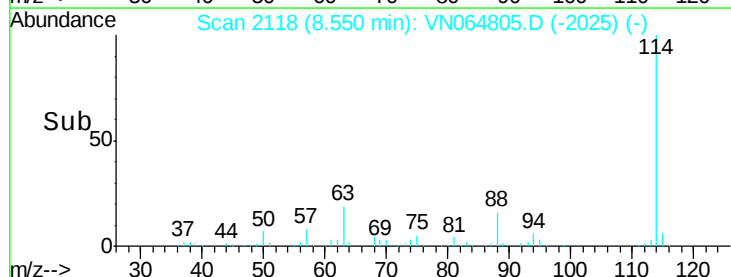
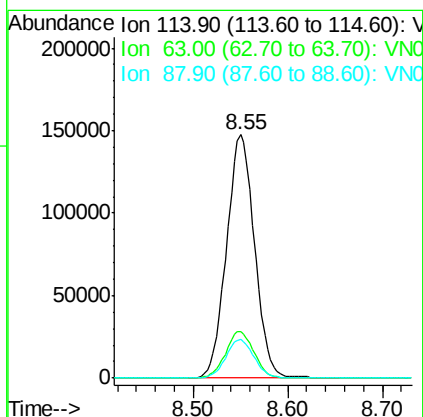
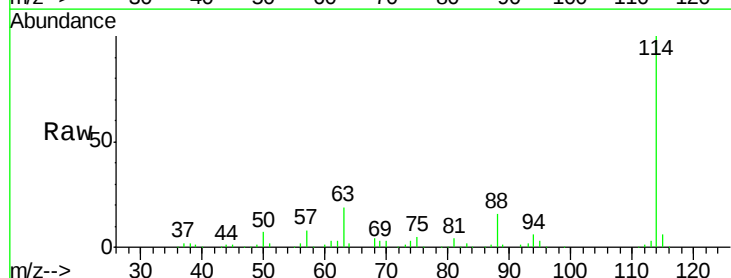
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

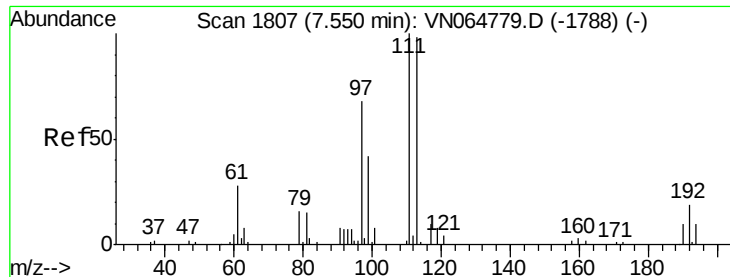
Tot Ion: 65 Resp: 100565
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064805.D
 Acq: 24 Nov 2020 13:02

Tgt Ion: 114 Resp: 304294
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.8 0.0 32.6

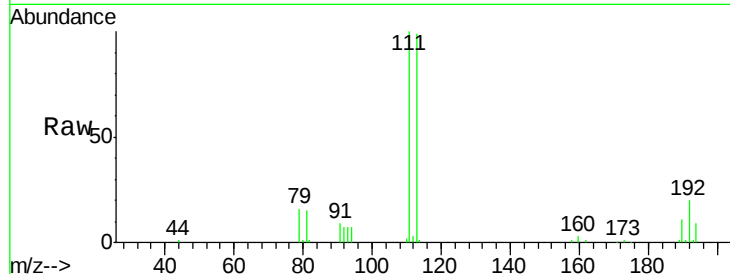




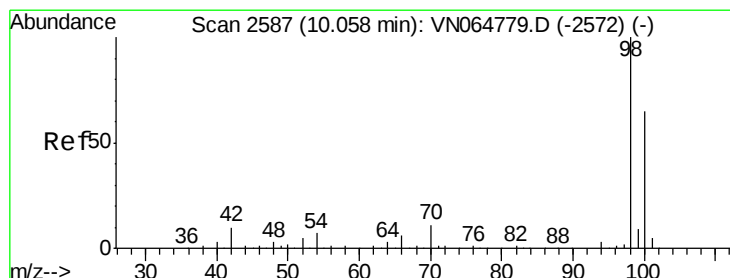
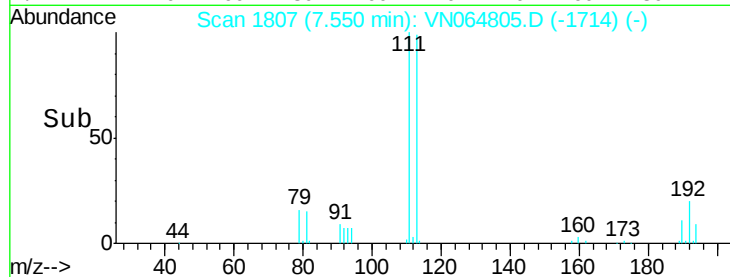
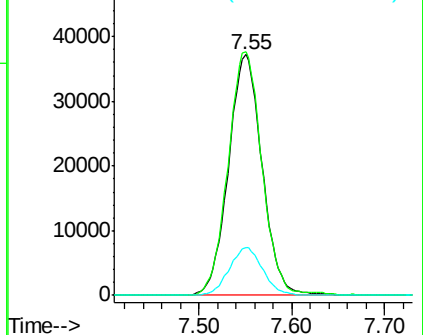
#35
 Dibromofluoromethane
 Concen: 51.336 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064805.D
 Acq: 24 Nov 2020 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Tot Ion:113 Resp: 93472
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.6 122.4
 192 19.7 16.2 24.2

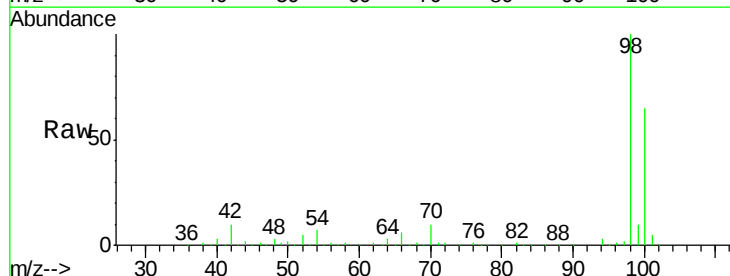


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

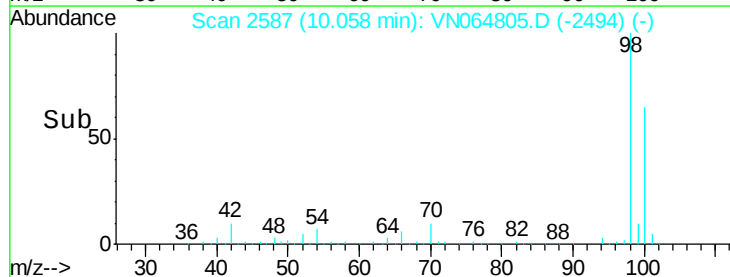
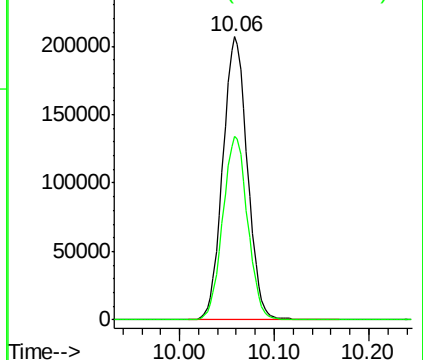


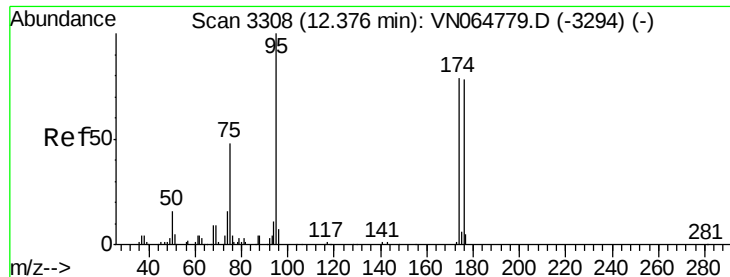
#50
 Toluene-d8
 Concen: 50.374 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064805.D
 Acq: 24 Nov 2020 13:02

Tgt Ion: 98 Resp: 374765
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.7 77.5



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

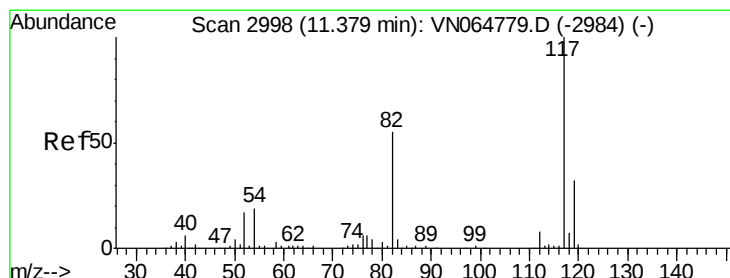
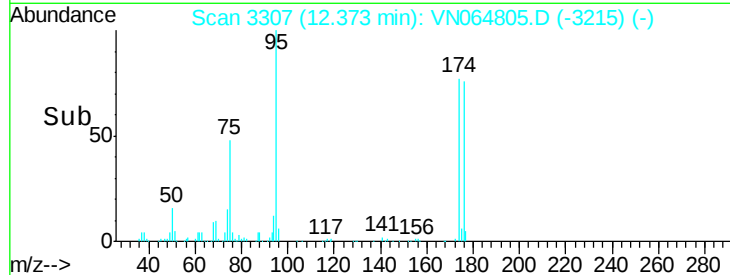
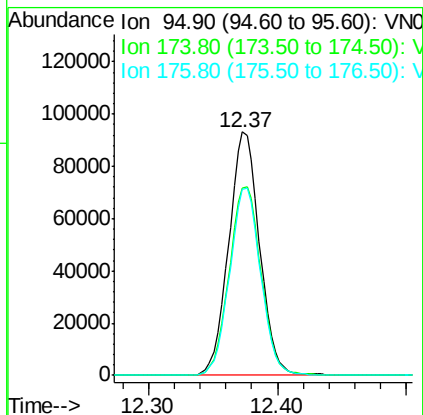
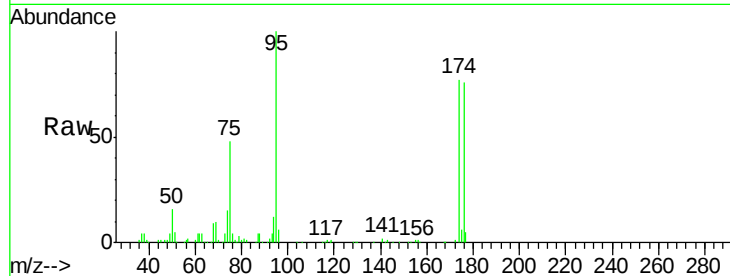




#62
4-Bromofluorobenzene
Concen: 58.101 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064805.D
Acq: 24 Nov 2020 13:02

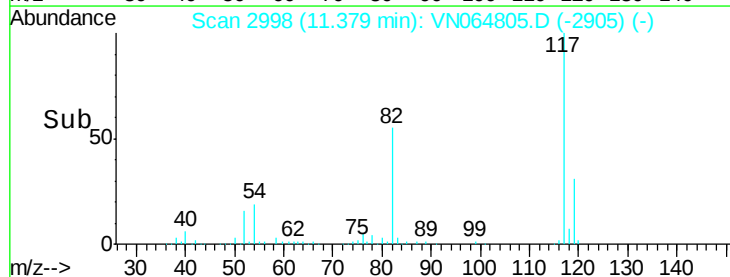
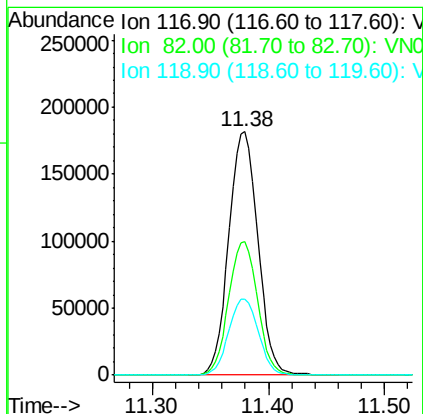
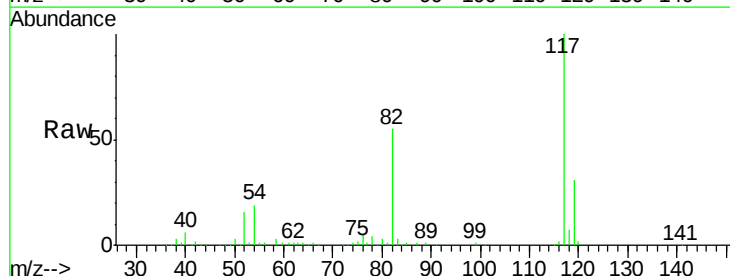
Instrument :
MSVOA_N
ClientSampleId :
MW-17

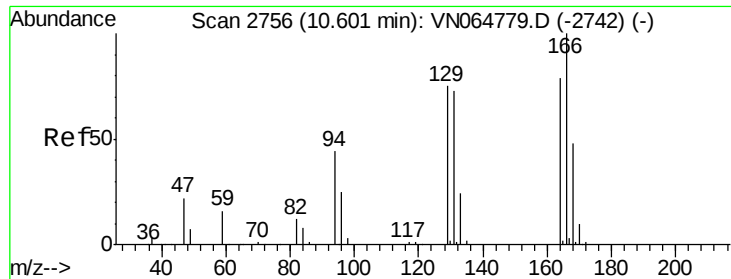
Tot Ion: 95 Resp: 154693
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.4
176 77.6 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064805.D
Acq: 24 Nov 2020 13:02

Tgt Ion: 117 Resp: 316465
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.3 25.8 38.6





#64

Tetrachloroethene

Concen: 1.167 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN064805.D

Acq: 24 Nov 2020 13:02

Instrument :

MSVOA_N

ClientSampled :

MW-17

Tot Ion:164 Resp: 3594

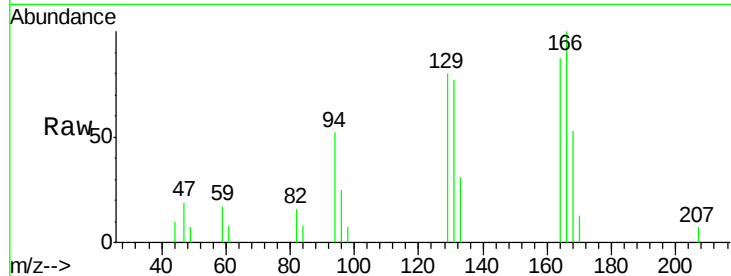
Ion Ratio Lower Upper

164 100

166 115.3 101.4 152.0

129 91.6 76.1 114.1

131 88.3 74.2 111.2

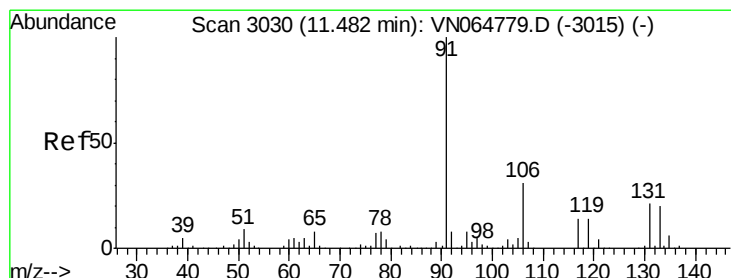
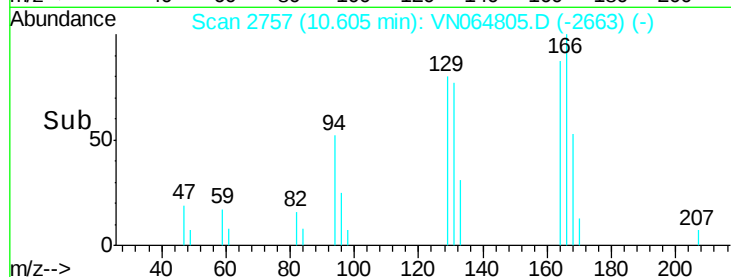
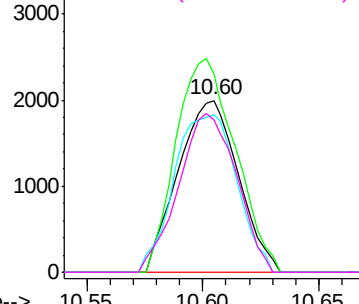


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 1.005 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064805.D

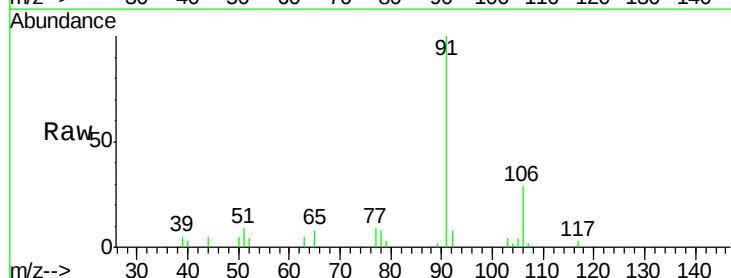
Acq: 24 Nov 2020 13:02

Tgt Ion: 91 Resp: 11407

Ion Ratio Lower Upper

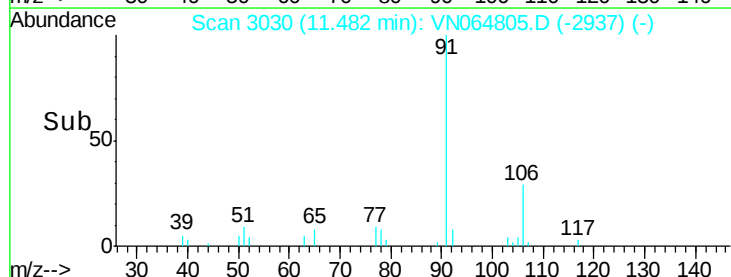
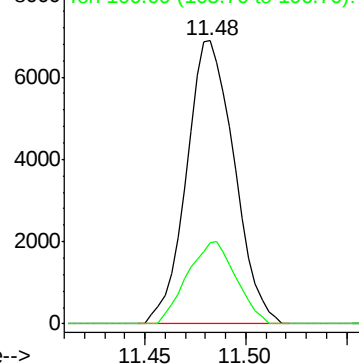
91 100

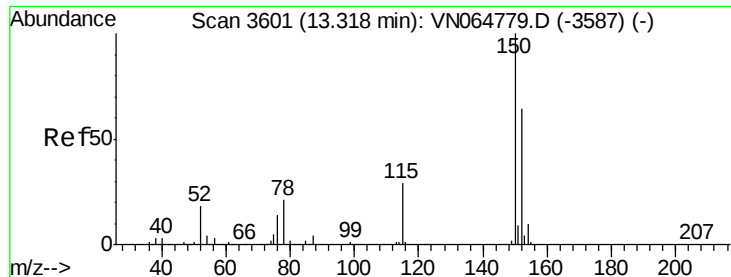
106 28.7 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064805.D

Acq: 24 Nov 2020 13:02

Instrument :

MSVOA_N

ClientSampled :

MW-17

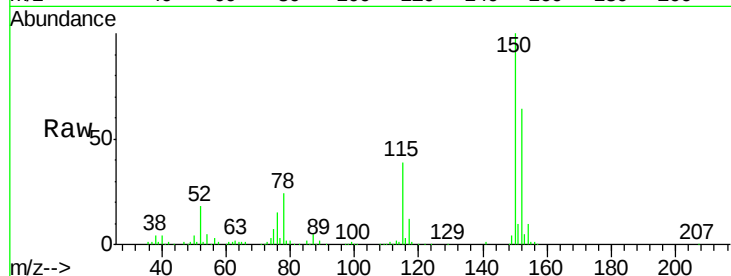
Tot Ion:152 Resp: 148880

Ion Ratio Lower Upper

152 100

115 60.1 29.7 89.1

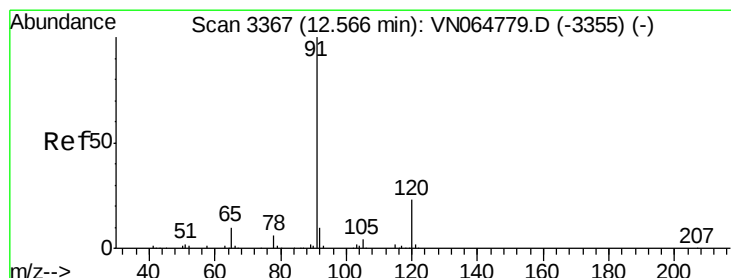
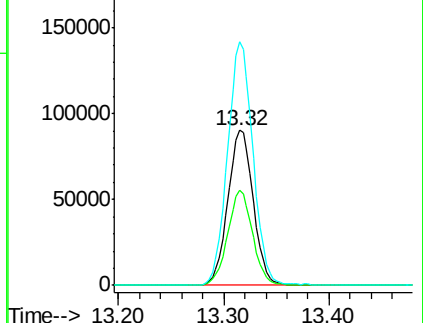
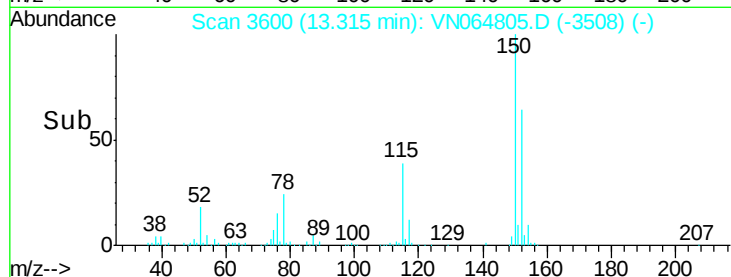
150 158.4 0.0 350.6



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



#78

n-propylbenzene

Concen: 0.260 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064805.D

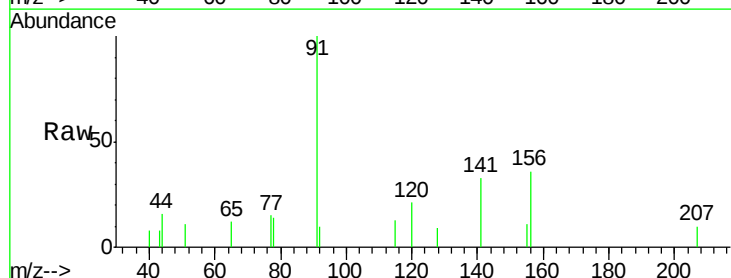
Acq: 24 Nov 2020 13:02

Tgt Ion: 91 Resp: 3062

Ion Ratio Lower Upper

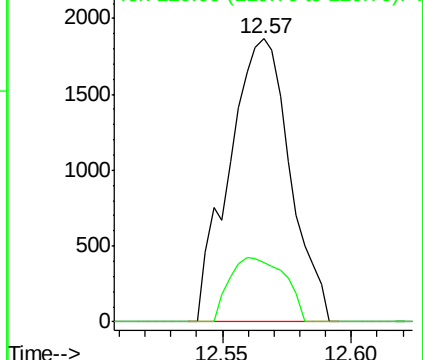
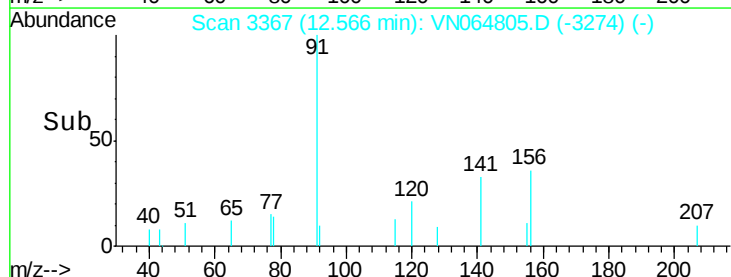
91 100

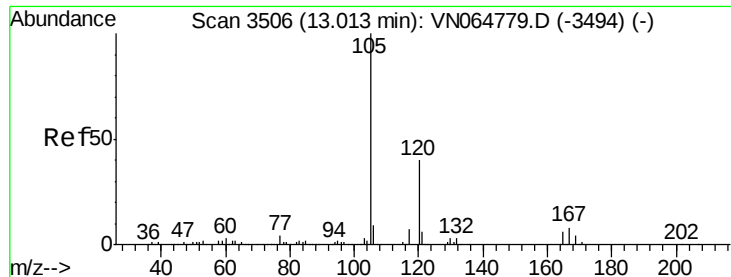
120 20.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

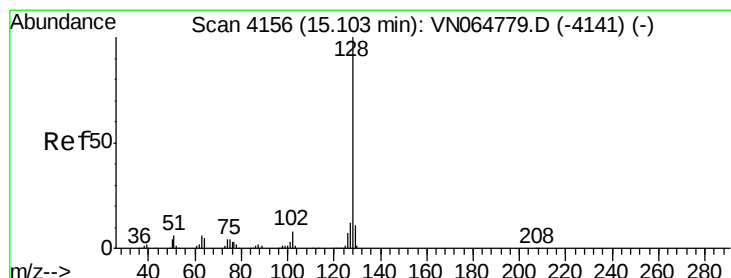
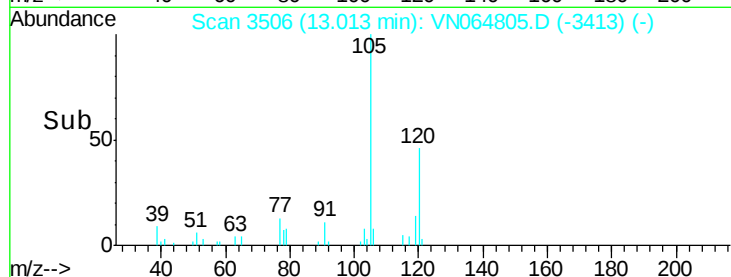
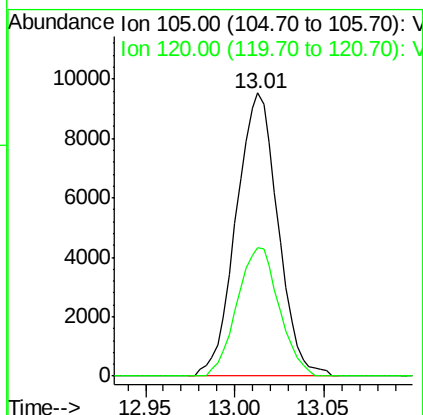
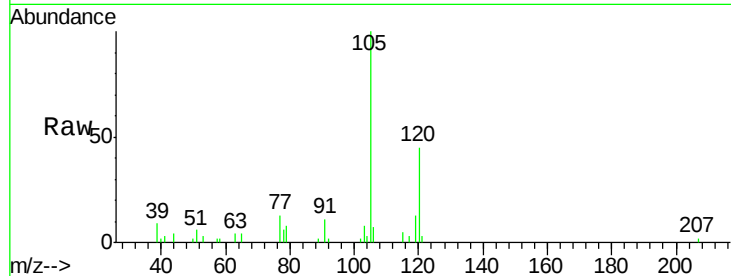




#84
 1,2,4-Trimethylbenzene
 Concen: 1.792 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064805.D
 Acq: 24 Nov 2020 13:02

Instrument :
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 ClientSampleId :
 MW-17

Tot Ion:105 Resp: 15599
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2



#95
 Naphthalene
 Concen: 8.439 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064805.D
 Acq: 24 Nov 2020 13:02

Tgt Ion:128 Resp: 76172
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.3 8.7 13.1

