

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064815.D
 Acq On : 24 Nov 2020 17:04
 Operator : JC/MD
 Sample : L4829-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10D

Manual Integrations
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Quant Time: Nov 25 05:18:15 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	166893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	301990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	312799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	103450	53.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	106.64%		
35) Dibromofluoromethane	7.55	113	93768	51.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.78%		
50) Toluene-d8	10.06	98	371109	50.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.52%		
62) 4-Bromofluorobenzene	12.37	95	149200	56.47	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.94%		
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	1021m	0.505	ug/l	
30) Chloroform	7.32	83	4230	1.285	ug/l	98
64) Tetrachloroethene	10.60	164	46674	15.337	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	1891	0.220	ug/l	97
95) Naphthalene	15.10	128	24032	2.702	ug/l	99

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

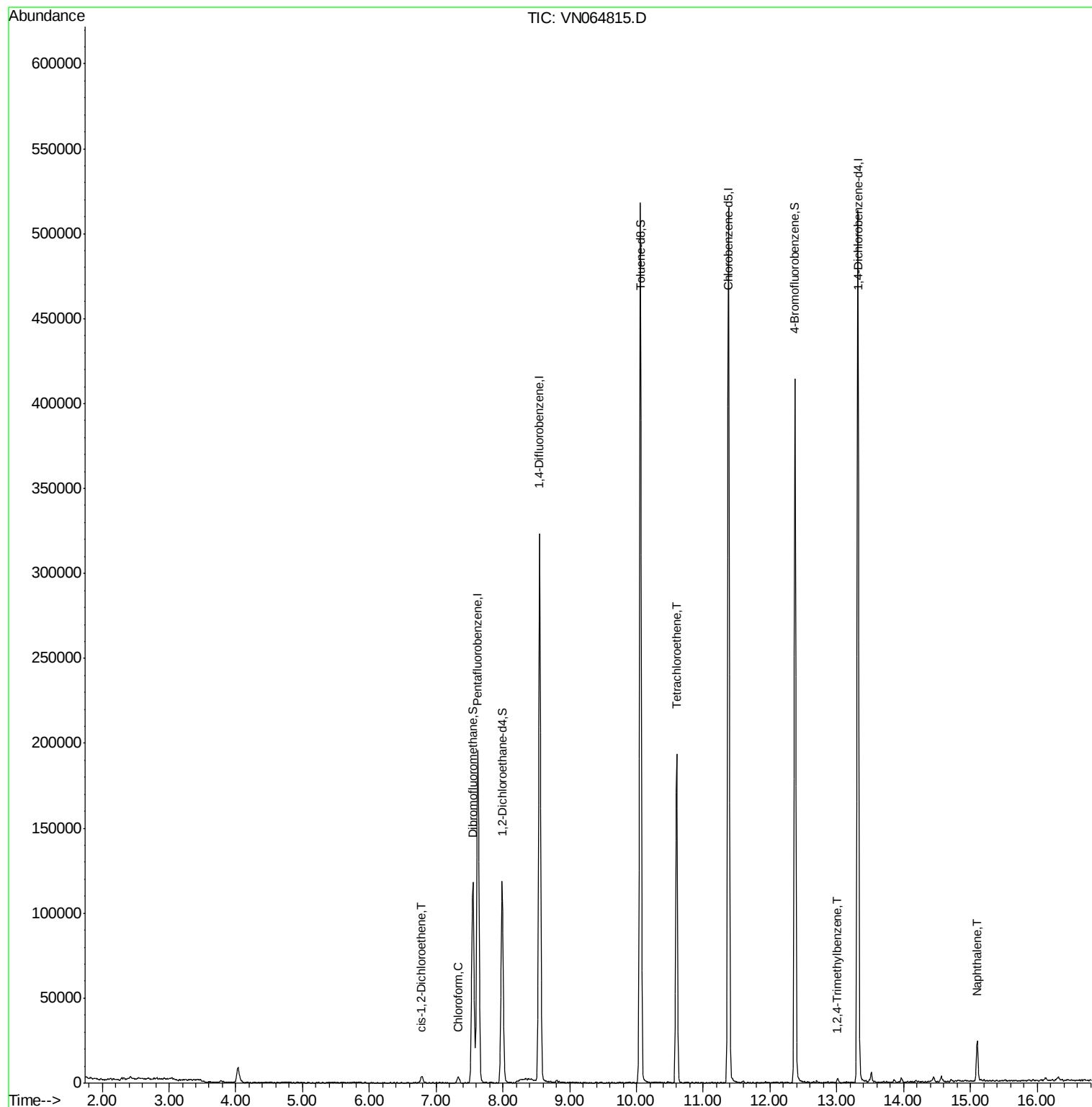
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064815.D
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Operator : JC/MD
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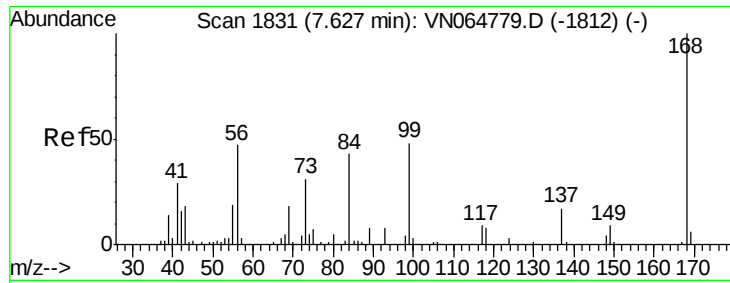
Instrument :
MSVOA_N
ClientSampleId :
MW-10D

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Quant Time: Nov 25 05:18:15 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: VN064815.D

Acq: 24 Nov 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

MW-10D

Tot Ion:168 Resp: 166893

Ion Ratio Lower Upper

168 100

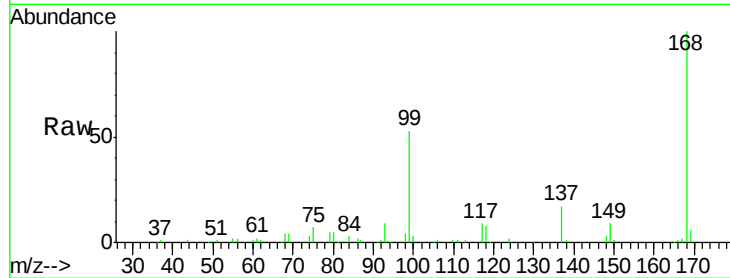
99 52.7 43.0 64.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

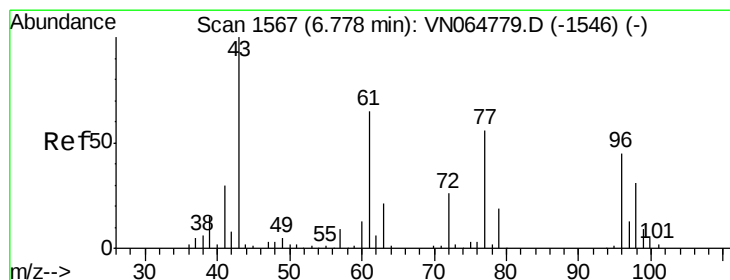
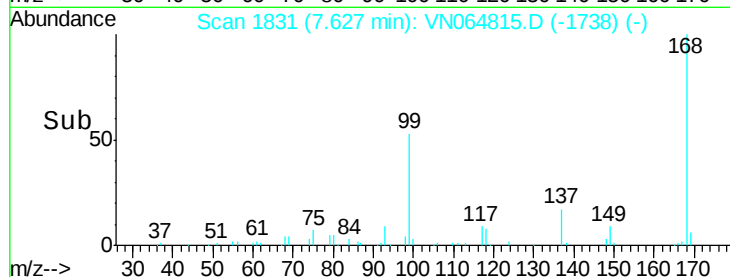
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#27

cis-1,2-Dichloroethene

Concen: 0.505 ug/l m

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064815.D

Acq: 24 Nov 2020 17:04

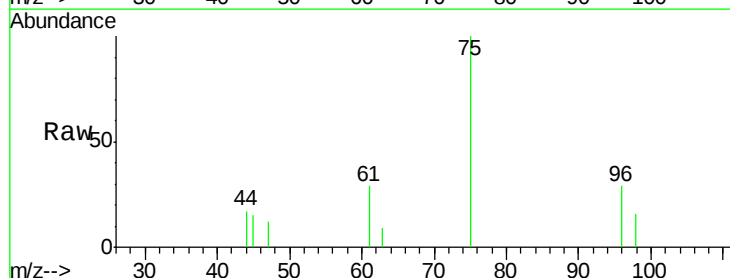
Tgt Ion: 96 Resp: 1021

Ion Ratio Lower Upper

96 100

61 126.6 0.0 285.8

98 50.6 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

6.78

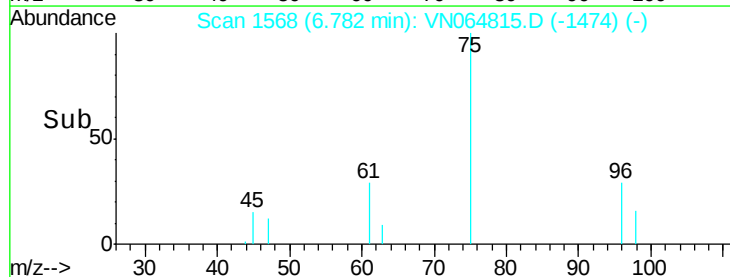
600

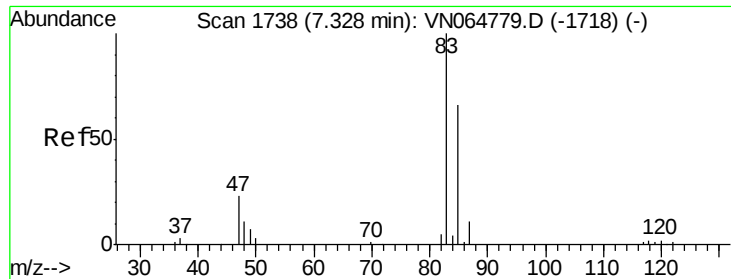
400

200

0

Time--> 6.75 6.80





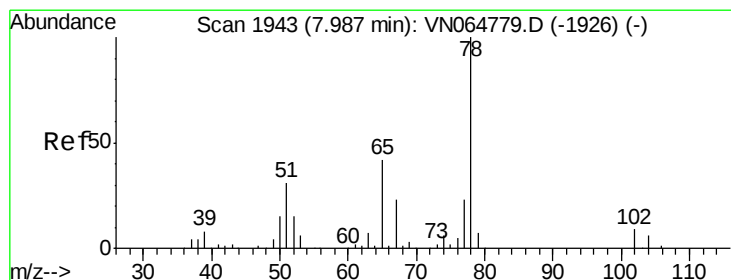
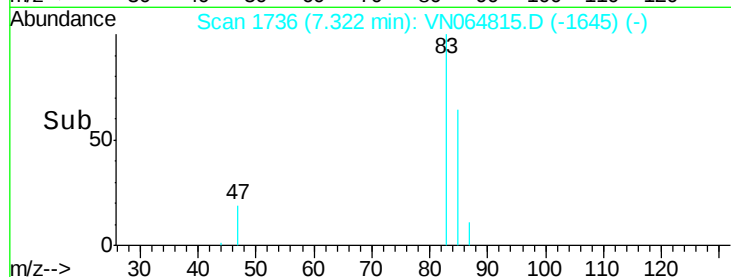
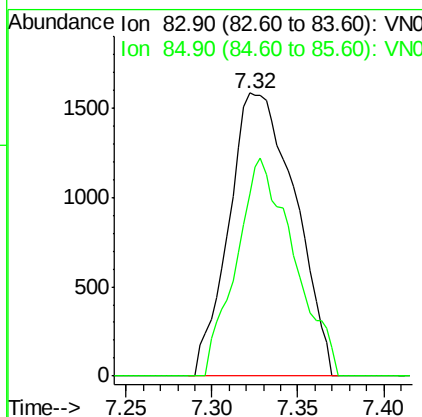
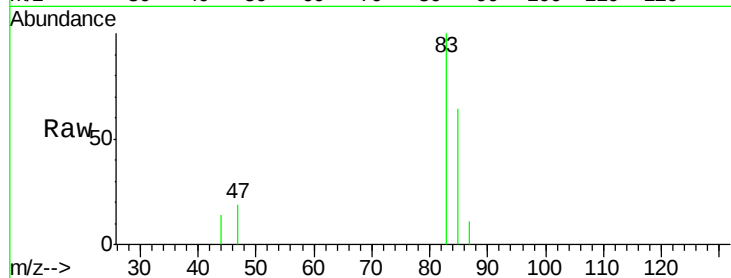
#30
 Chloroform
 Concen: 1.285 ug/l
 RT: 7.32 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: VN064815.D
 Acq: 24 Nov 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10D

Tot Ion: 83 Resp: 4230
 Ion Ratio Lower Upper
 83 100
 85 64.2 52.6 78.8

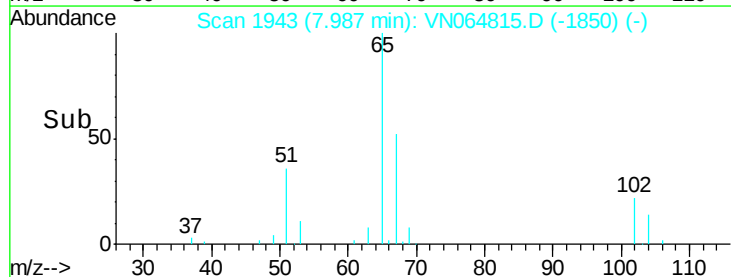
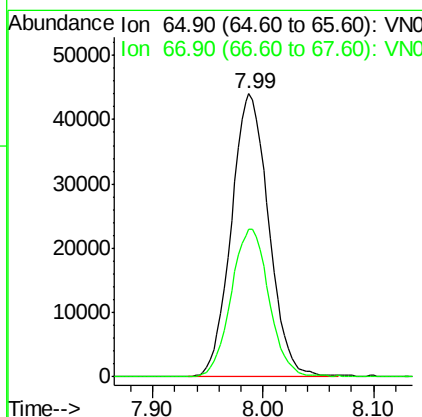
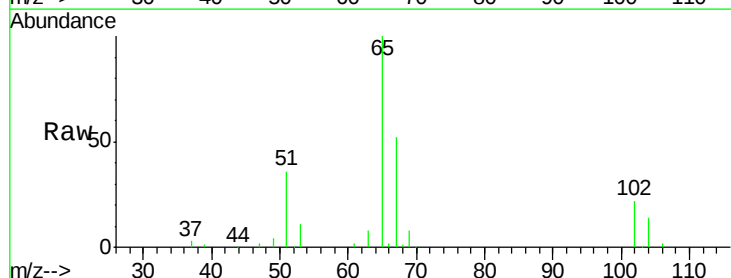
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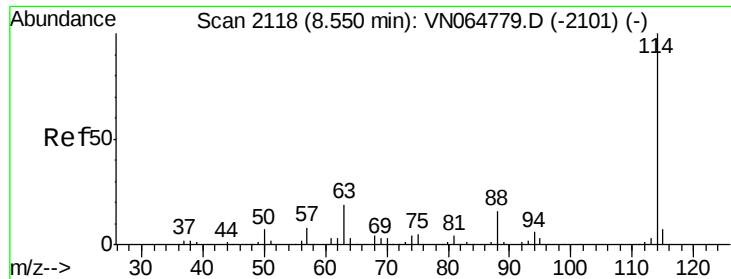
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#33
 1,2-Dichloroethane-d4
 Concen: 53.318 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064815.D
 Acq: 24 Nov 2020 17:04

Tgt Ion: 65 Resp: 103450
 Ion Ratio Lower Upper
 65 100
 67 52.5 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: VN064815.D

Acq: 24 Nov 2020 17:04

Instrument :

MSVOA_N

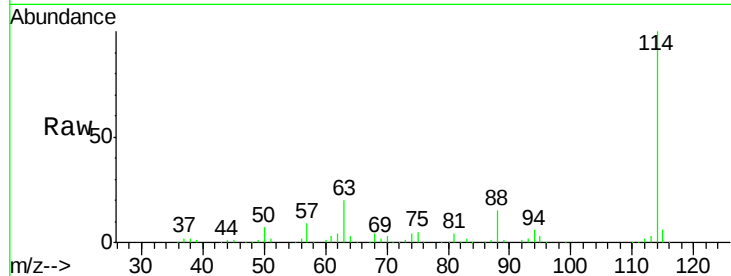
ClientSampleId :

MW-10D

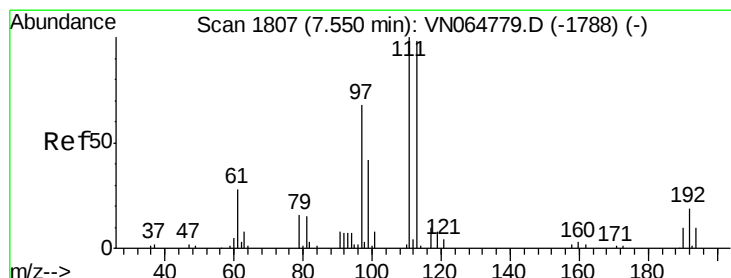
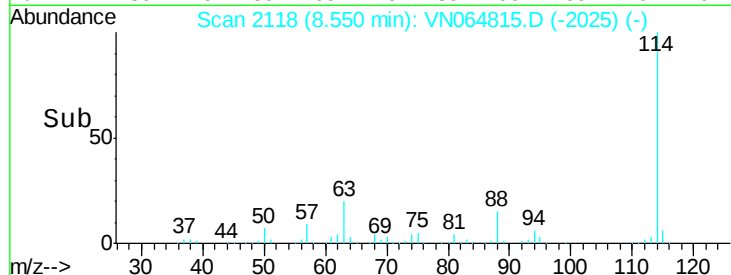
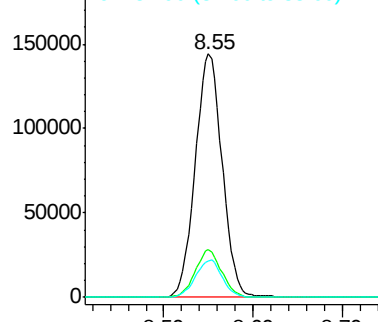
Tot Ion:	114	Resp:	301990
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	38.6
88	15.1	0.0	32.6

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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 51.891 ug/l

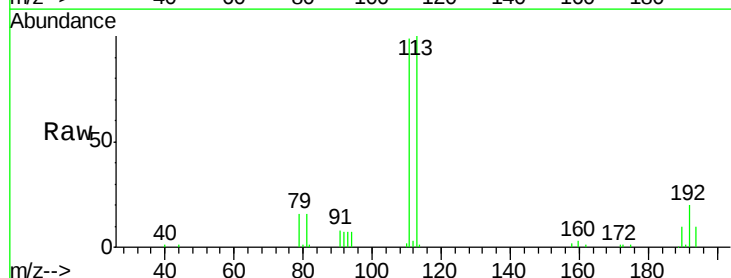
RT: 7.55 min Scan# 1808

Delta R.T. 0.00 min

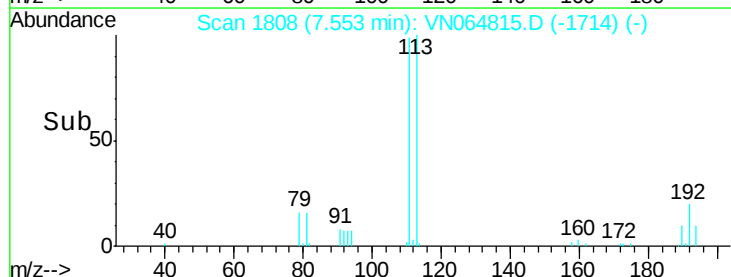
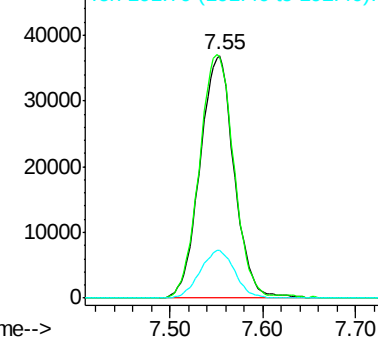
Lab File: VN064815.D

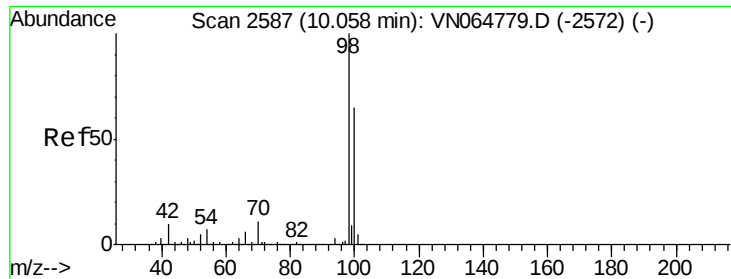
Acq: 24 Nov 2020 17:04

Tgt Ion:	113	Resp:	93768
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.6	122.4
192	19.9	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 50.263 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064815.D

Acq: 24 Nov 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

MW-10D

Tot Ion: 98 Resp: 371109

Ion Ratio Lower Upper

98 100

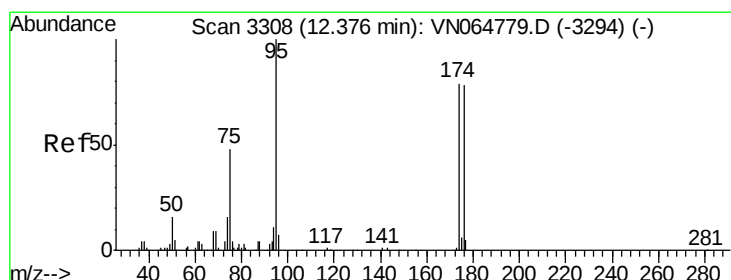
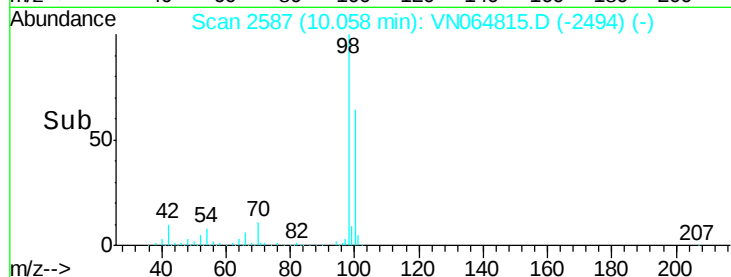
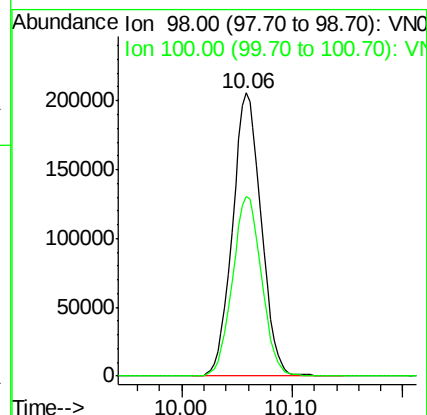
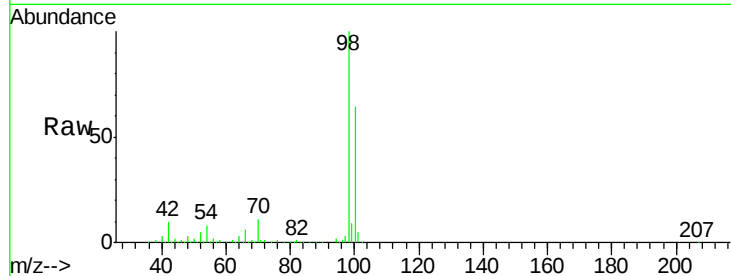
100 64.5 51.7 77.5

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#62

4-Bromofluorobenzene

Concen: 56.465 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064815.D

Acq: 24 Nov 2020 17:04

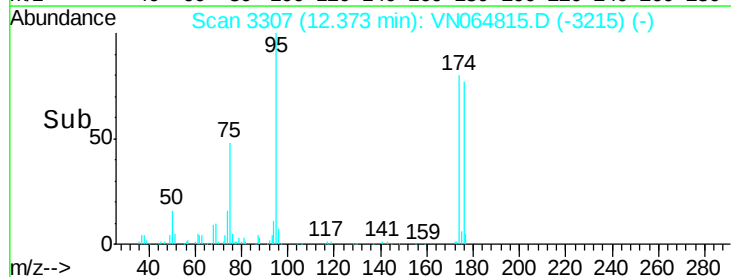
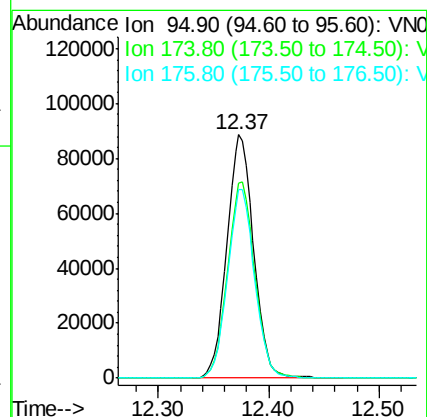
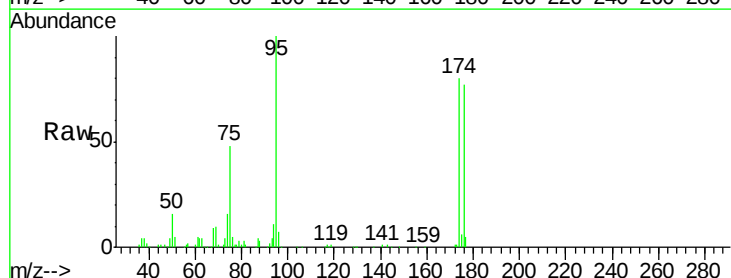
Tgt Ion: 95 Resp: 149200

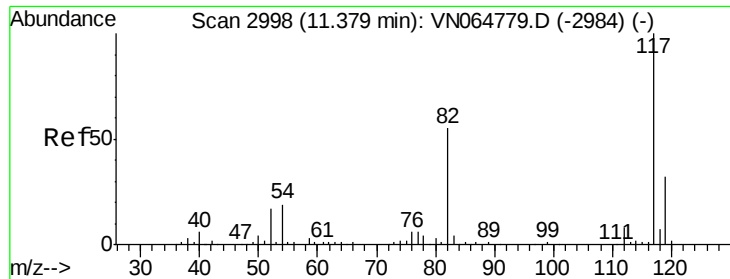
Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.4

176 78.0 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: VN064815.D

Acq: 24 Nov 2020 17:04

Instrument :

MSVOA_N

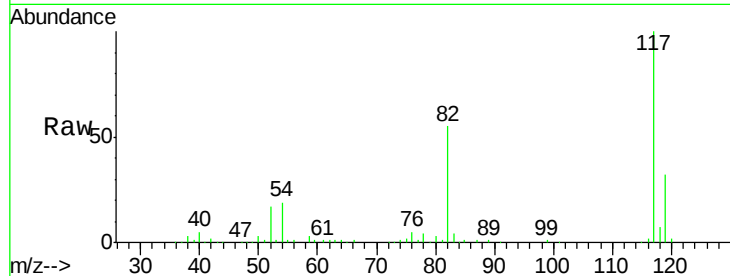
ClientSampleId :

MW-10D

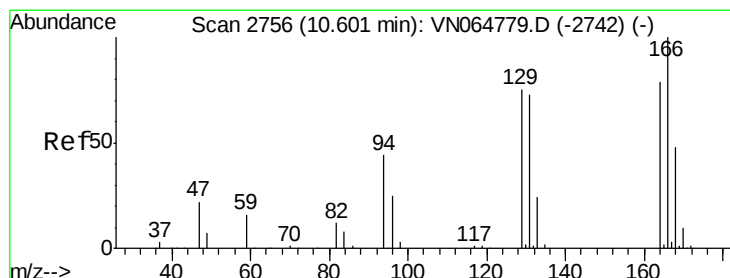
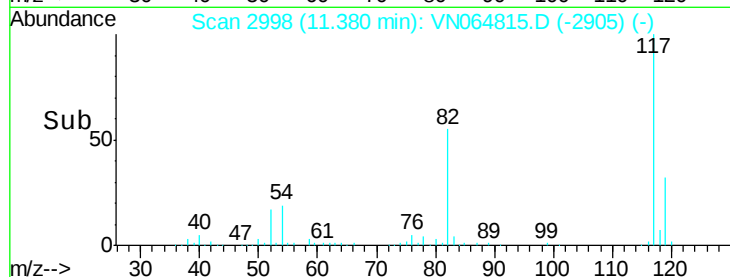
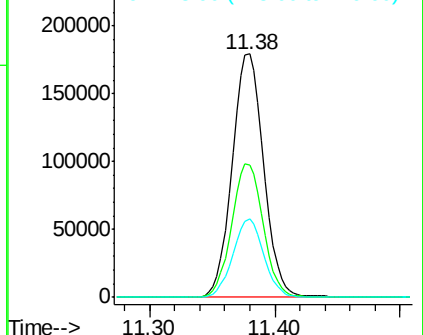
Tot Ion:	117	Resp:	312799
Ion Ratio	Lower	Upper	
117	100		
82	54.6	44.2	66.2
119	32.1	25.8	38.6

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 15.337 ug/l

RT: 10.60 min Scan# 2756

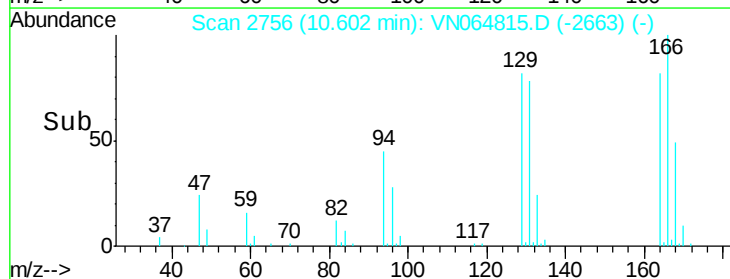
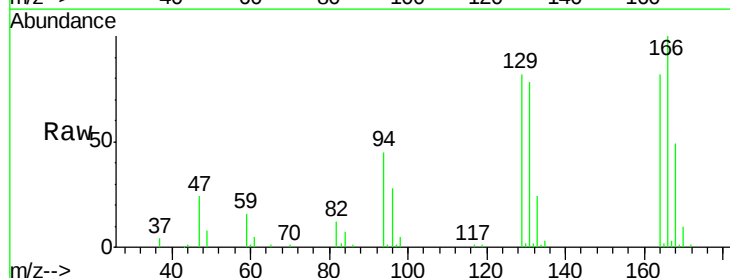
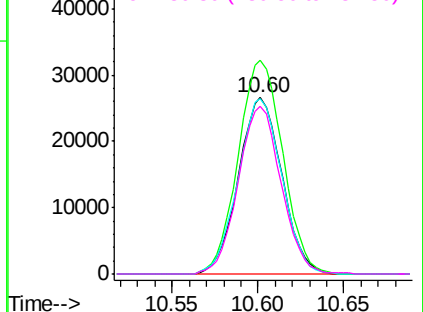
Delta R.T. 0.00 min

Lab File: VN064815.D

Acq: 24 Nov 2020 17:04

Tgt Ion:	164	Resp:	46674
Ion Ratio	Lower	Upper	
164	100		
166	121.3	101.4	152.0
129	99.4	76.1	114.1
131	94.9	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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064815.D

Acq: 24 Nov 2020 17:04

Instrument :

MSVOA_N

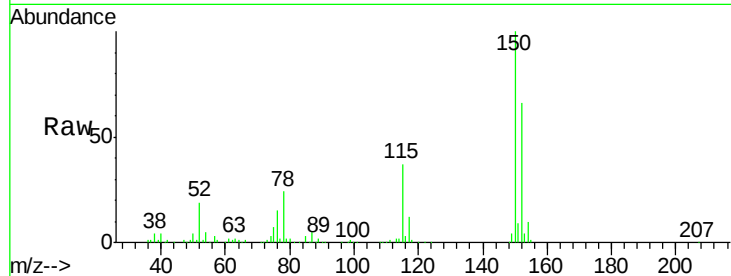
ClientSampled :

MW-10D

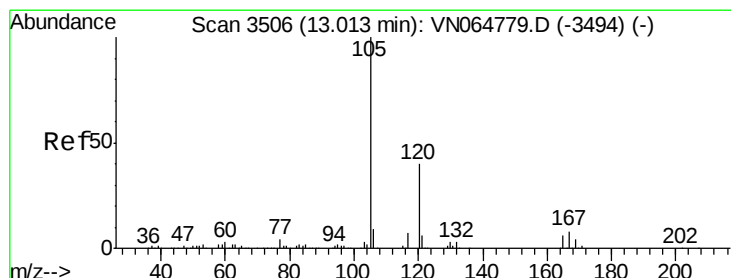
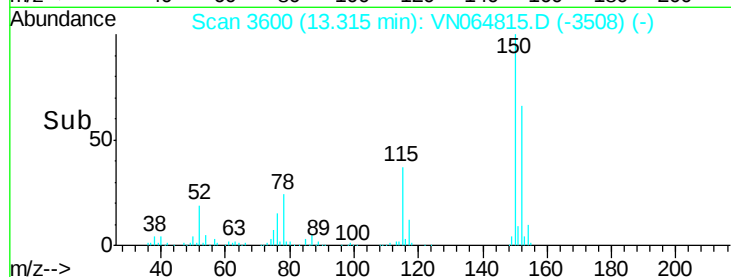
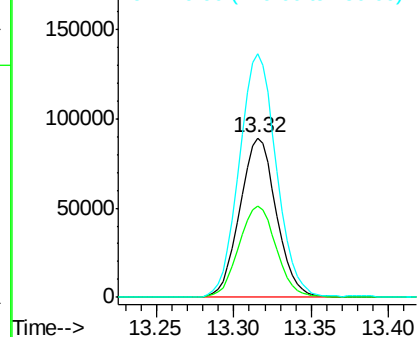
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.7	89.1
150	154.7	0.0	350.6

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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: 0.220 ug/l

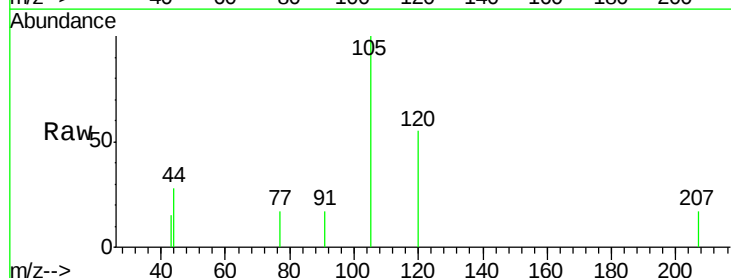
RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

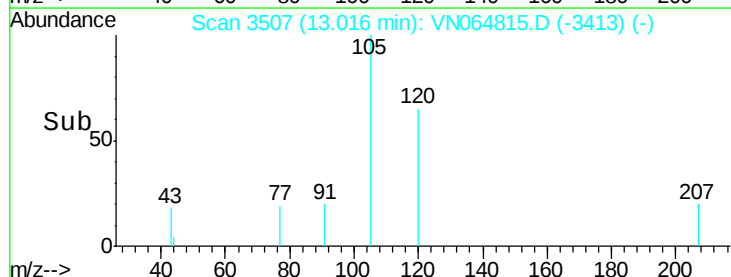
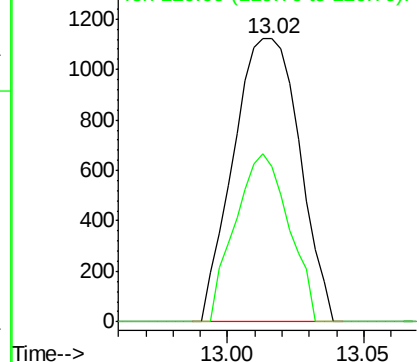
Lab File: VN064815.D

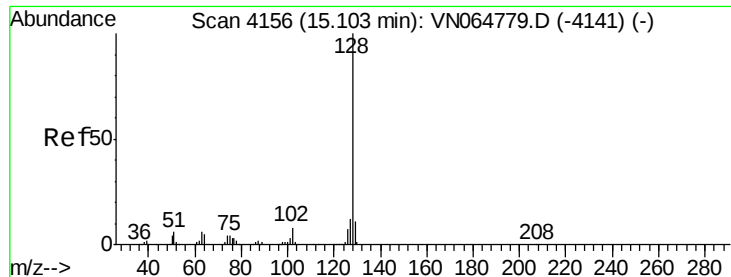
Acq: 24 Nov 2020 17:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.1	69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





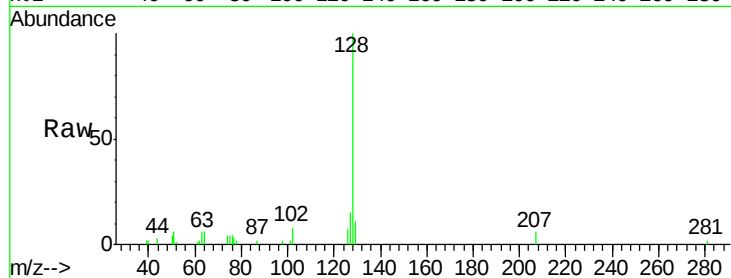
#95
Naphthalene
Concen: 2.702 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064815.D
Acq: 24 Nov 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
MW-10D

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.4	8.7	13.1

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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

