

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064809.D
 Acq On : 24 Nov 2020 14:39
 Operator : JC/MD
 Sample : L4829-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Nov 25 04:58:52 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	174945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	317444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147933	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	105136	51.69	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.38%	
35) Dibromofluoromethane		7.55	113	96412	51.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.48%	
50) Toluene-d8		10.06	98	387742	50.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.86%	
62) 4-Bromofluorobenzene		12.38	95	153063	56.17	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.34%	

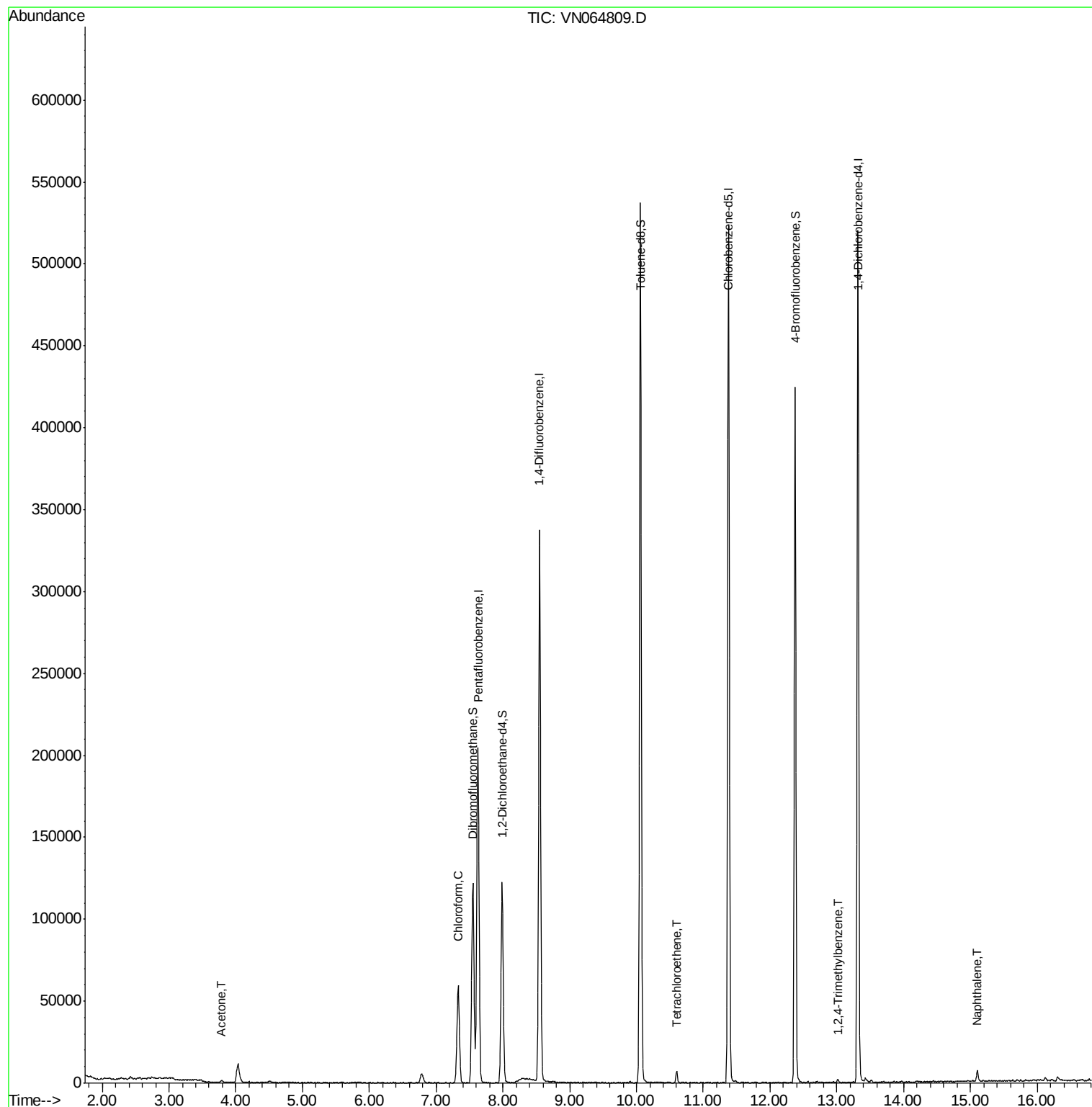
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1530	2.288	ug/l #	80
30) Chloroform	7.33	83	64078	18.565	ug/l	98
64) Tetrachloroethene	10.60	164	1919	0.621	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.01	105	2041	0.236	ug/l	97
95) Naphthalene	15.10	128	7268	0.810	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064809.D
Acq On : 24 Nov 2020 14:39
Operator : JC/MD
Sample : L4829-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Quant Time: Nov 25 04:58:52 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: VN064809.D

Acq: 24 Nov 2020 14:39

Instrument :

MSVOA_N

ClientSampled :

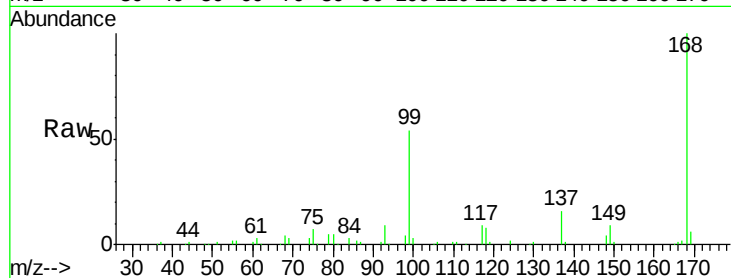
MW-8

Tot Ion:168 Resp: 174945

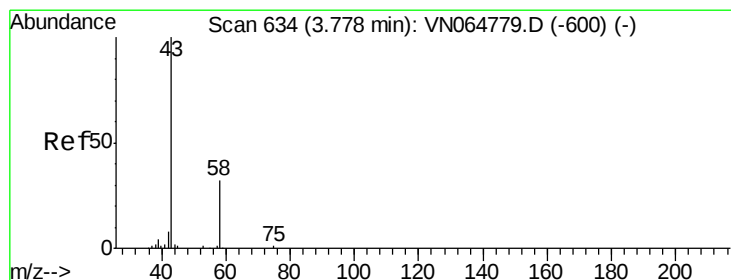
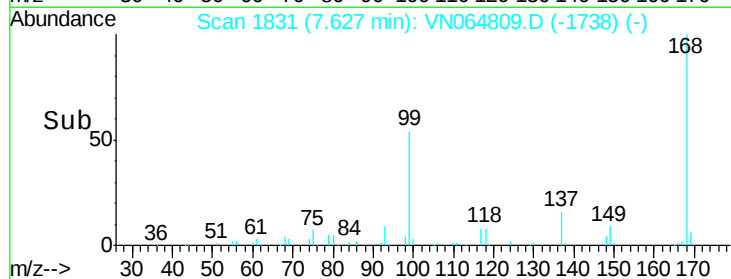
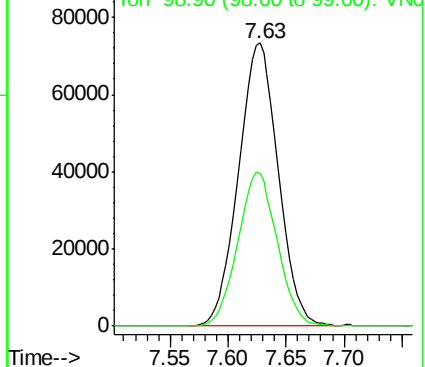
Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064809.D (-1738) (-)



#16

Acetone

Concen: 2.288 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064809.D

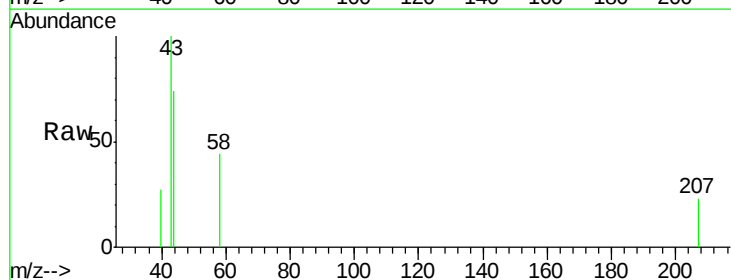
Acq: 24 Nov 2020 14:39

Tgt Ion: 43 Resp: 1530

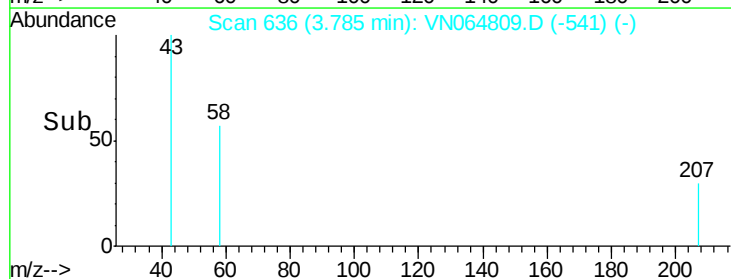
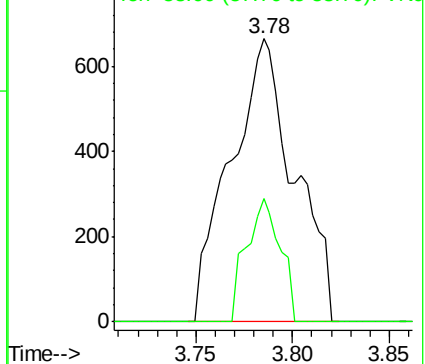
Ion Ratio Lower Upper

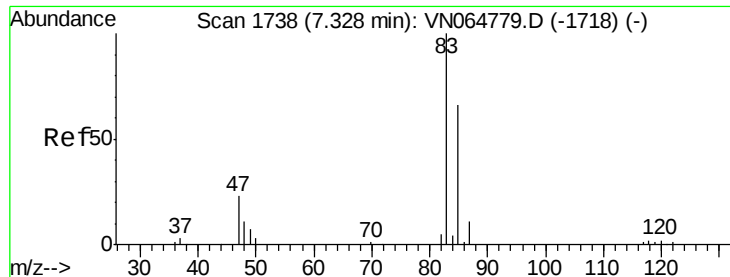
43 100

58 43.5 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN064809.D (-541) (-)

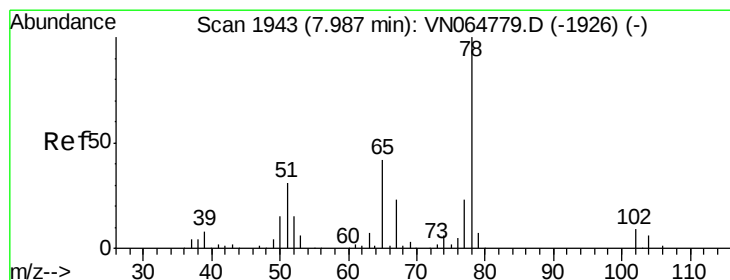
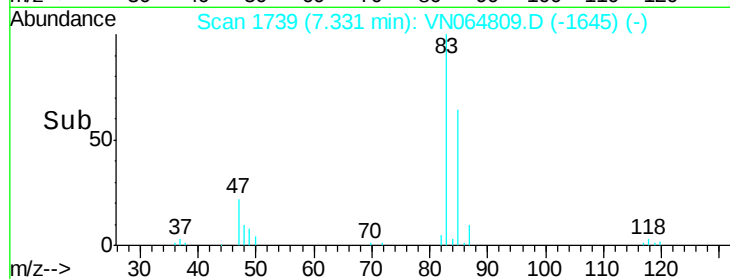
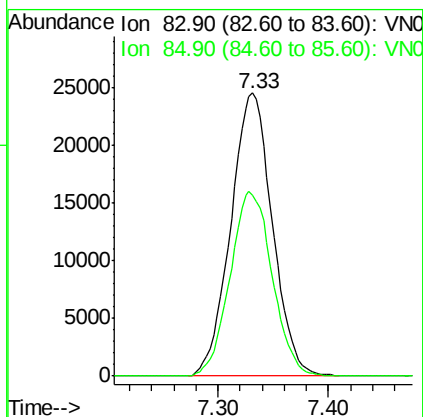
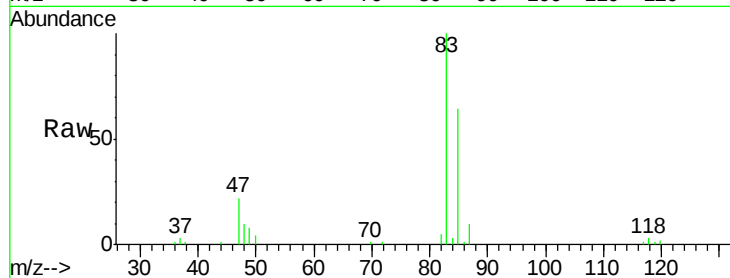




#30
Chloroform
Concen: 18.565 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064809.D
Acq: 24 Nov 2020 14:39

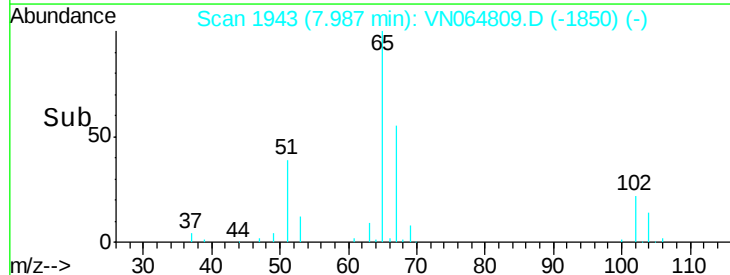
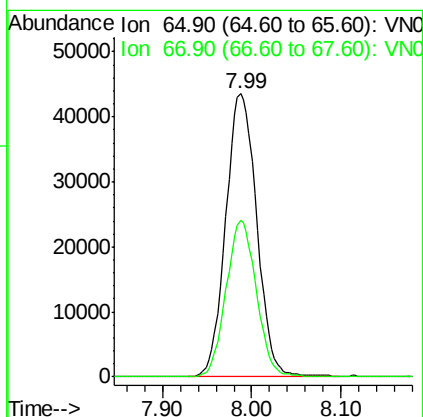
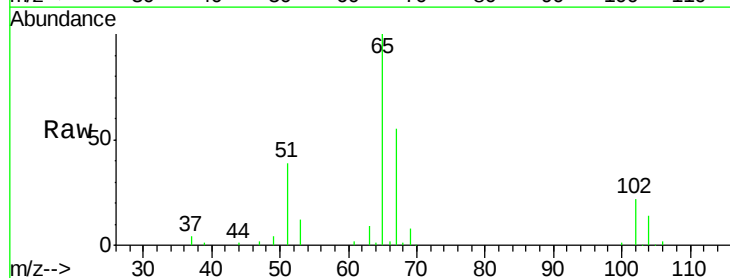
Instrument :
MSVOA_N
ClientSampled :
MW-8

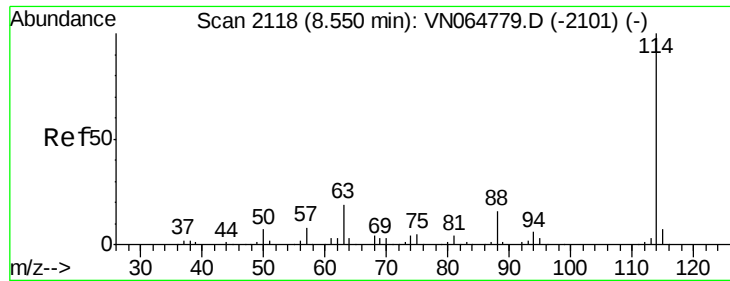
Tot Ion: 83 Resp: 64078
Ion Ratio Lower Upper
83 100
85 63.9 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 51.693 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064809.D
Acq: 24 Nov 2020 14:39

Tgt Ion: 65 Resp: 105136
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.2

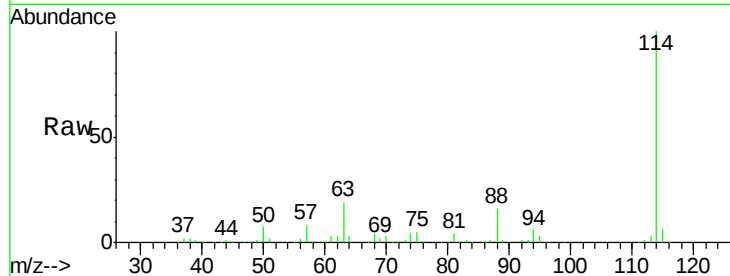




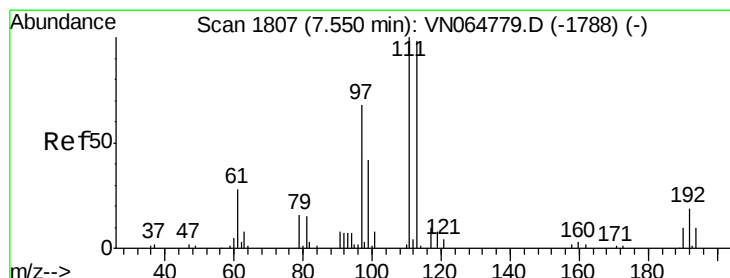
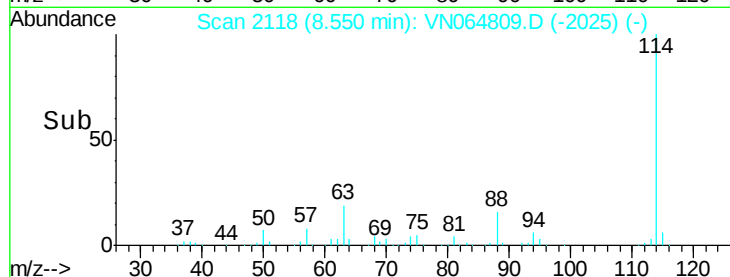
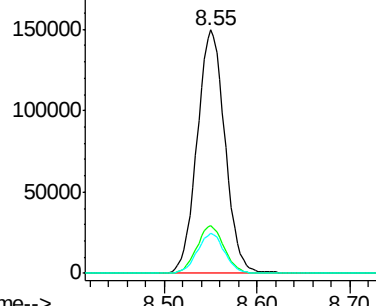
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064809.D
 Acq: 24 Nov 2020 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Tot Ion:114 Resp: 311423
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 16.4 0.0 32.6

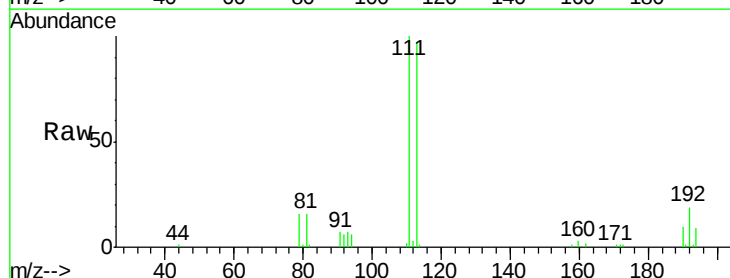


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

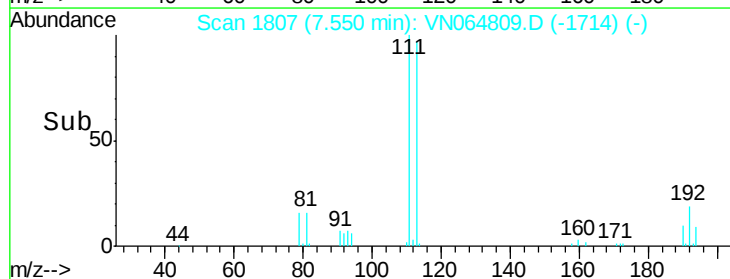
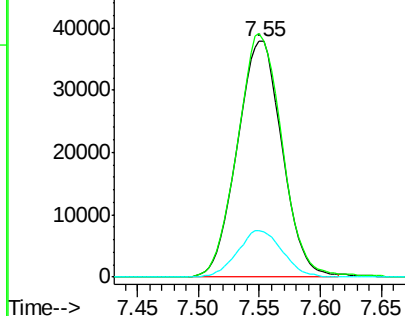


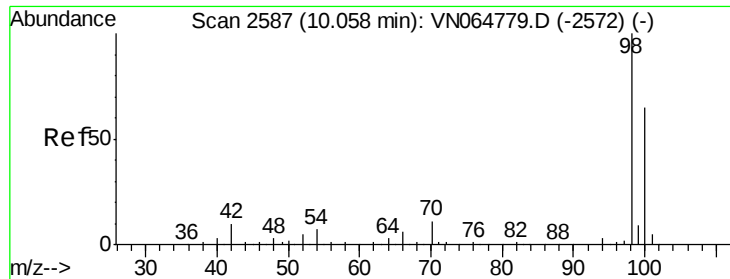
#35
 Dibromofluoromethane
 Concen: 51.738 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064809.D
 Acq: 24 Nov 2020 14:39

Tgt Ion:113 Resp: 96412
 Ion Ratio Lower Upper
 113 100
 111 103.1 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: 50.925 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064809.D

Acq: 24 Nov 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

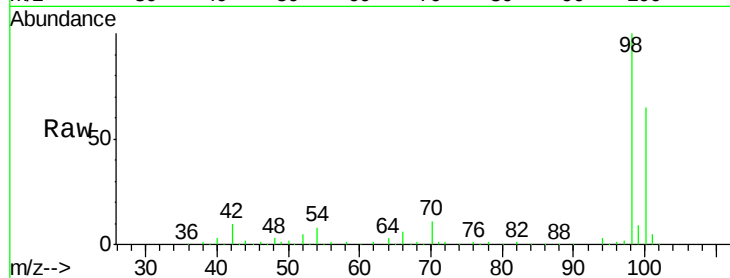
MW-8

Tot Ion: 98 Resp: 387742

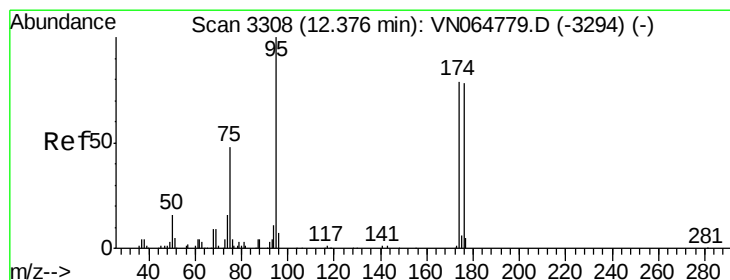
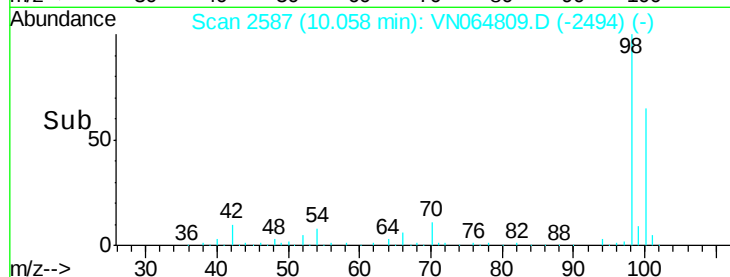
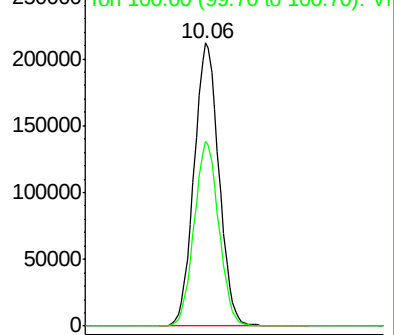
Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)



#62

4-Bromofluorobenzene

Concen: 56.172 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064809.D

Acq: 24 Nov 2020 14:39

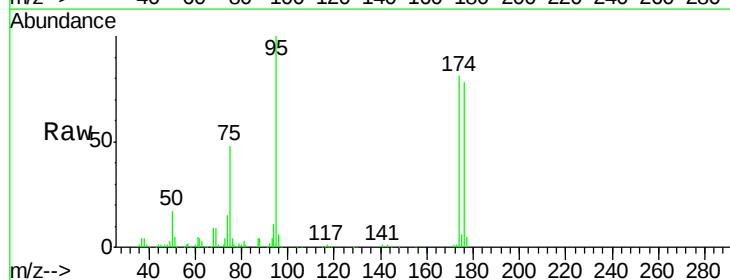
Tgt Ion: 95 Resp: 153063

Ion Ratio Lower Upper

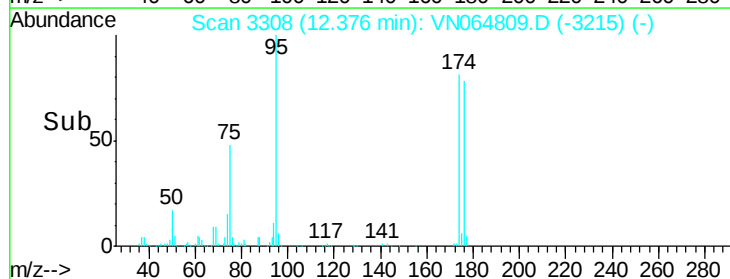
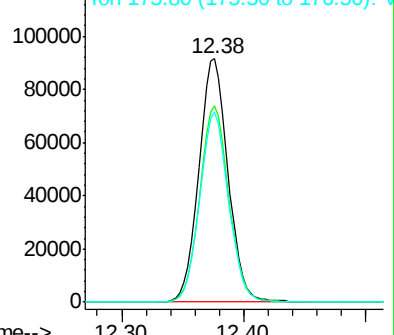
95 100

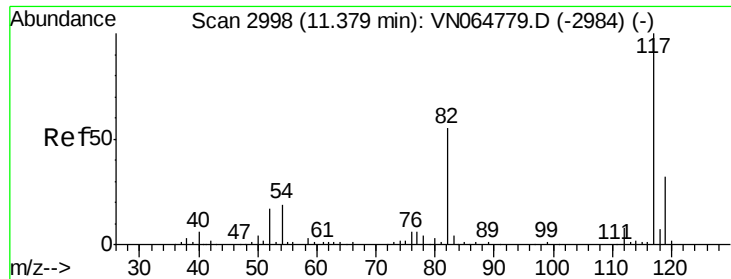
174 80.7 0.0 160.4

176 77.3 0.0 158.4



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

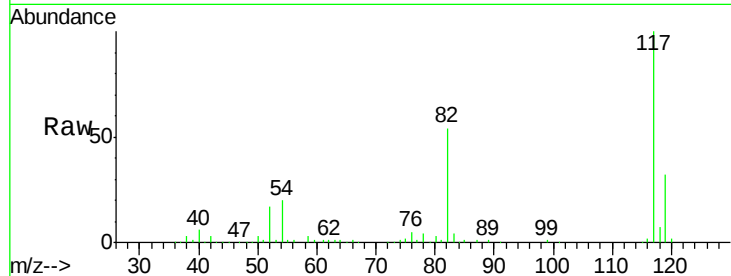




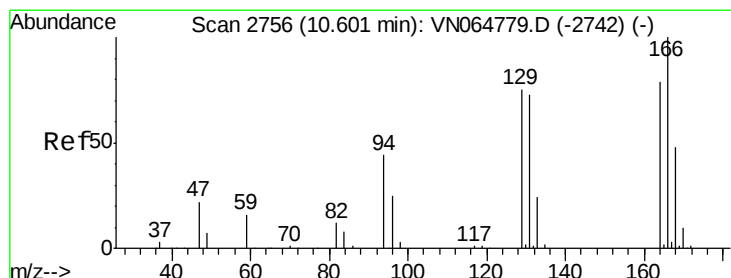
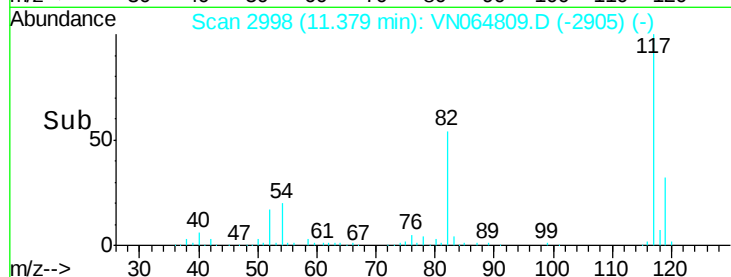
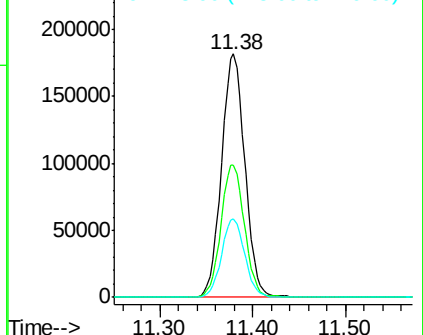
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064809.D
Acq: 24 Nov 2020 14:39

Instrument :
MSVOA_N
ClientSampled :
MW-8

Tot Ion:117 Resp: 317444
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.0 25.8 38.6

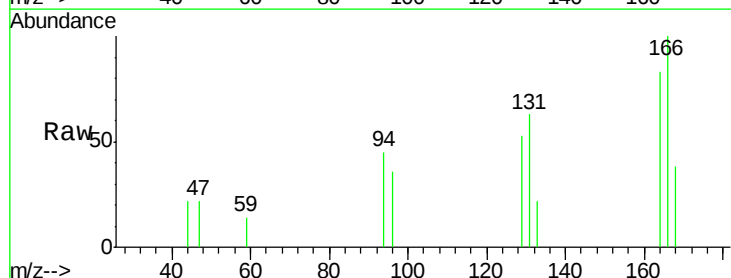


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

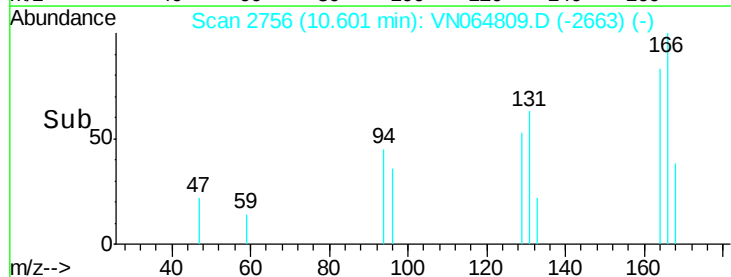
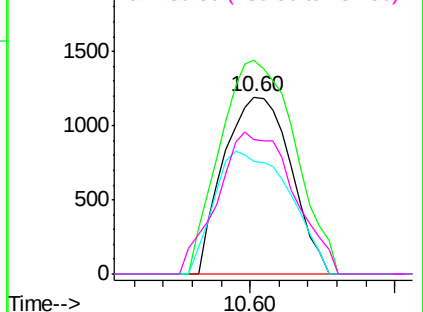


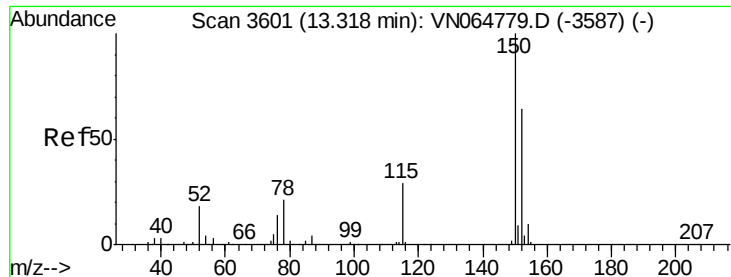
#64
Tetrachloroethene
Concen: 0.621 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064809.D
Acq: 24 Nov 2020 14:39

Tgt Ion:164 Resp: 1919
Ion Ratio Lower Upper
164 100
166 120.5 101.4 152.0
129 63.9 76.1 114.1#
131 76.2 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: VN064809.D

Acq: 24 Nov 2020 14:39

Instrument :

MSVOA_N

ClientSampled :

MW-8

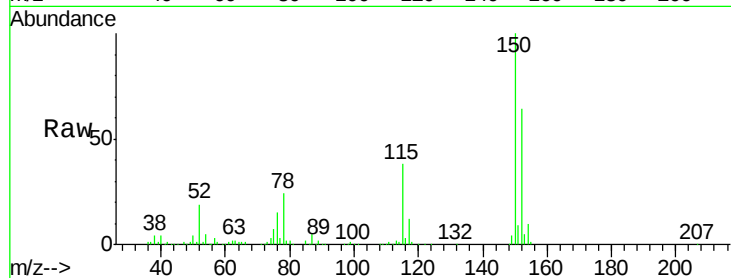
Tot Ion:152 Resp: 147933

Ion Ratio Lower Upper

152 100

115 58.5 29.7 89.1

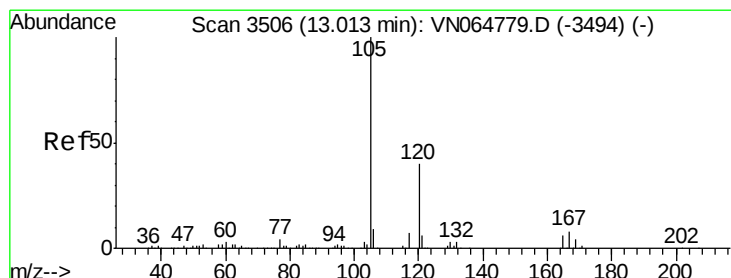
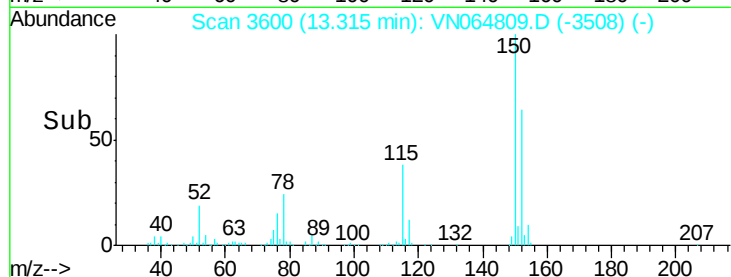
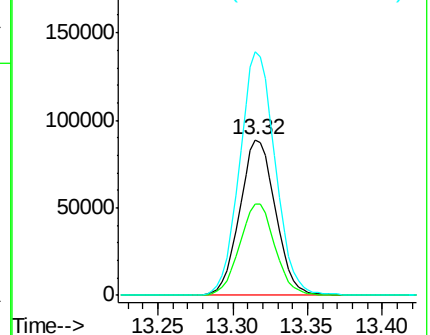
150 156.0 0.0 350.6



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: 0.236 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064809.D

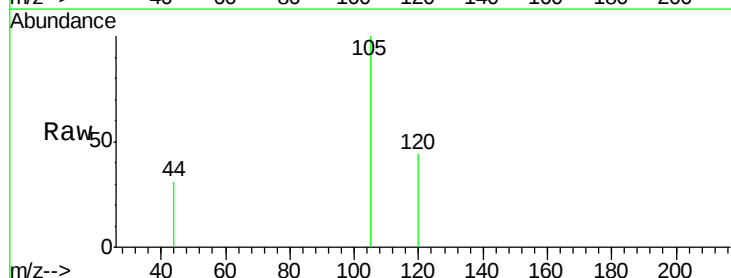
Acq: 24 Nov 2020 14:39

Tgt Ion:105 Resp: 2041

Ion Ratio Lower Upper

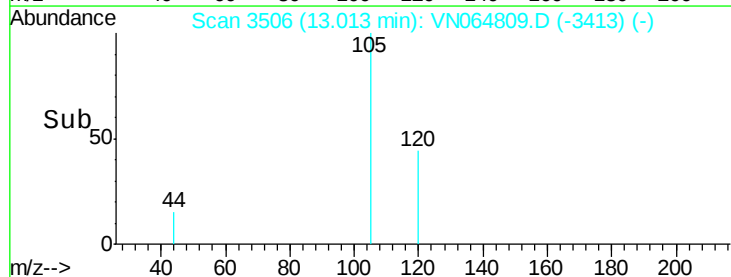
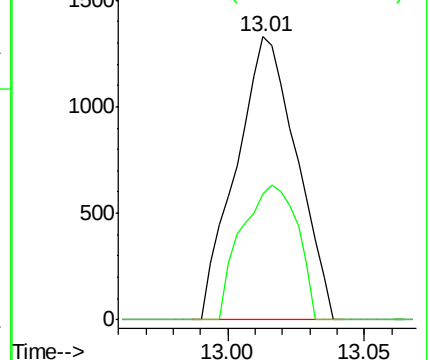
105 100

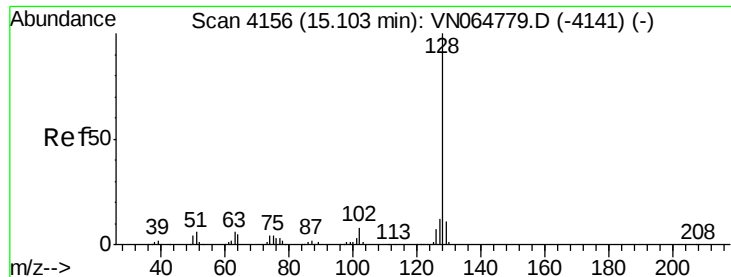
120 44.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

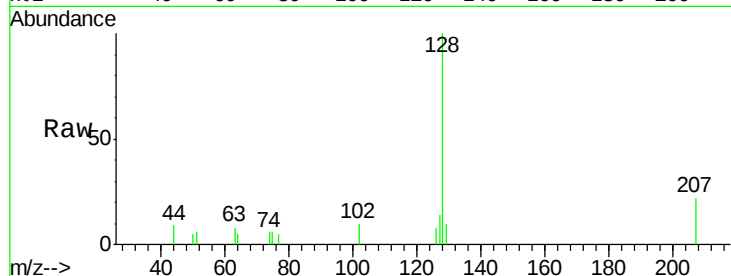




#95
Naphthalene
Concen: 0.810 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064809.D
Acq: 24 Nov 2020 14:39

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tot Ion:128 Resp: 7268
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 9.4 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

