

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062435.D
 Acq On : 9 Jul 2020 3:35
 Operator : JC/MD
 Sample : L3215-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10D

Quant Time: Jul 09 04:25:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	184108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	327539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	314489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115960	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	142700	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
35) Dibromofluoromethane	7.55	113	105445	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
50) Toluene-d8	10.06	98	423364	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.38	95	151034	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	

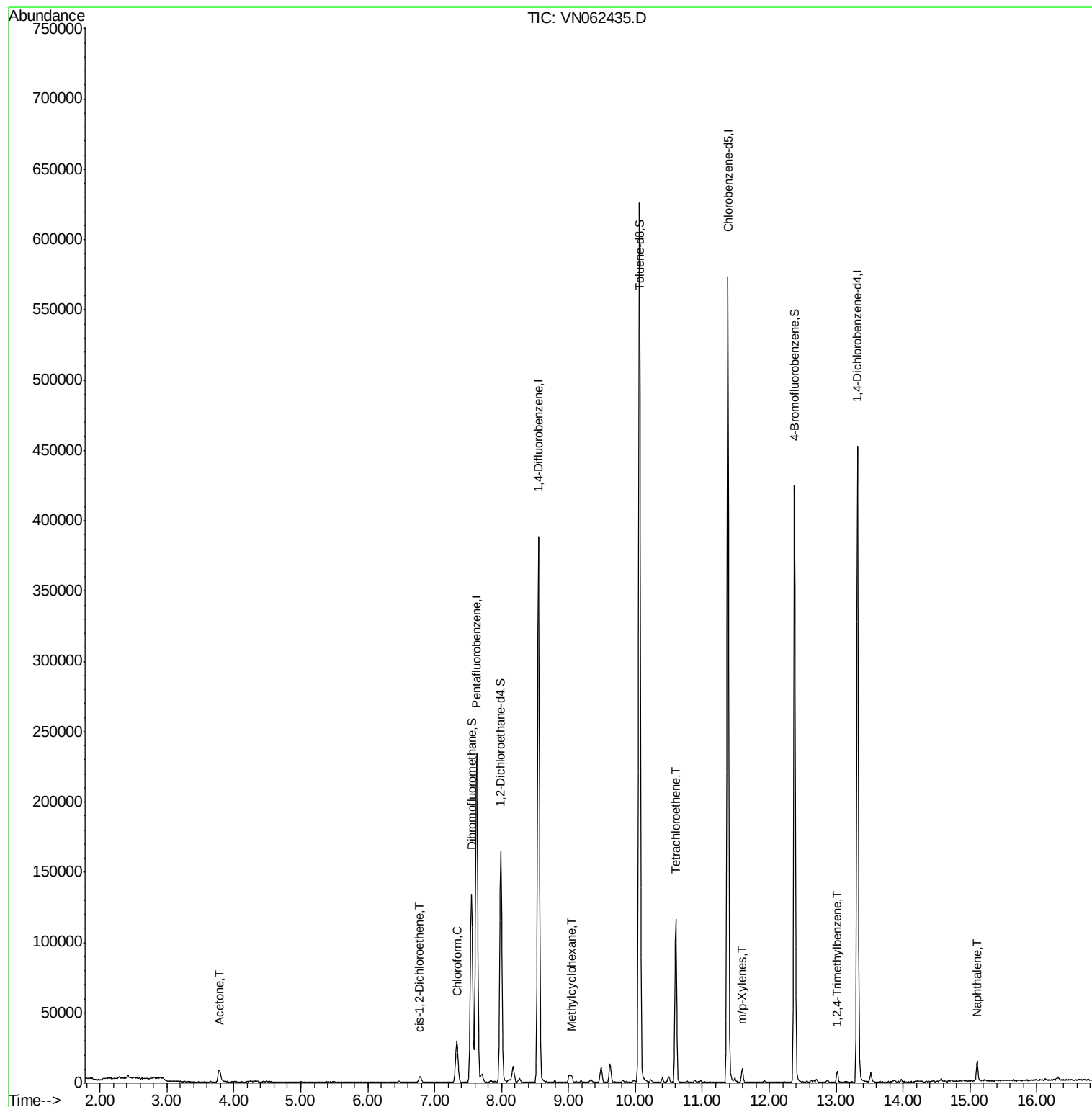
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	16778	13.955	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	3003	1.266	ug/l	82
30) Chloroform	7.33	83	31667	7.730	ug/l	96
39) Methylcyclohexane	9.05	83	2424	0.688	ug/l #	81
64) Tetrachloroethene	10.61	164	25308	13.561	ug/l	98
68) m/p-Xylenes	11.60	106	3403	0.838	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	4983	0.682	ug/l	97
95) Naphthalene	15.11	128	12464	2.404	ug/l	98

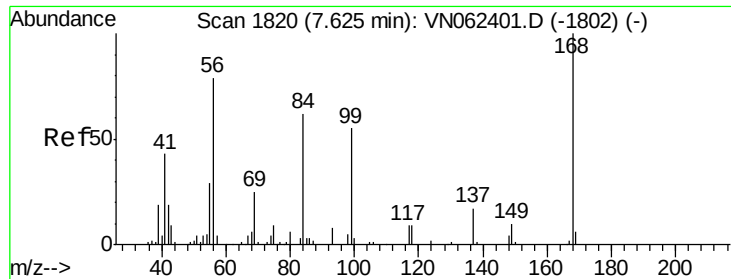
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062435.D

Acq: 9 Jul 2020 3:35

Instrument :

MSVOA_N

ClientSampled :

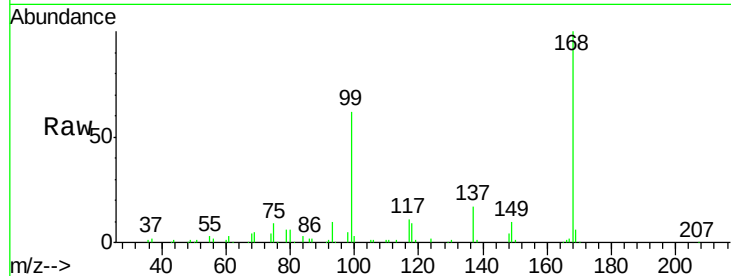
MW-10D

Tot Ion:168 Resp: 184108

Ion Ratio Lower Upper

168 100

99 61.7 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

40000

20000

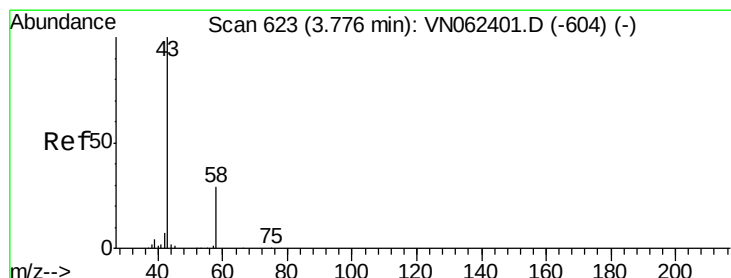
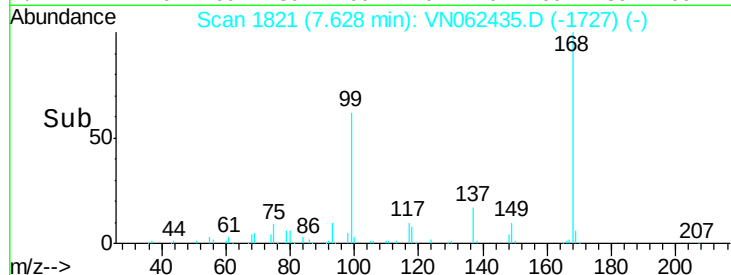
0

Time-->

7.50

7.60

7.70



#16

Acetone

Concen: 13.955 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062435.D

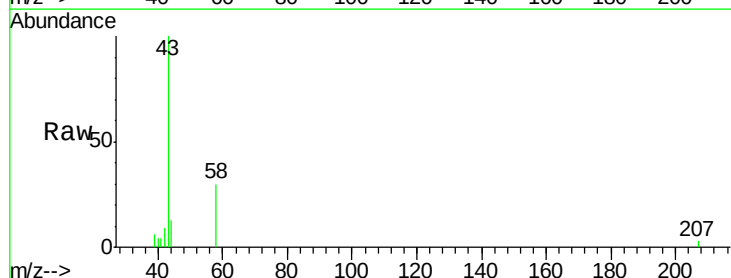
Acq: 9 Jul 2020 3:35

Tgt Ion: 43 Resp: 16778

Ion Ratio Lower Upper

43 100

58 29.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

6000

5000

4000

3000

2000

1000

0

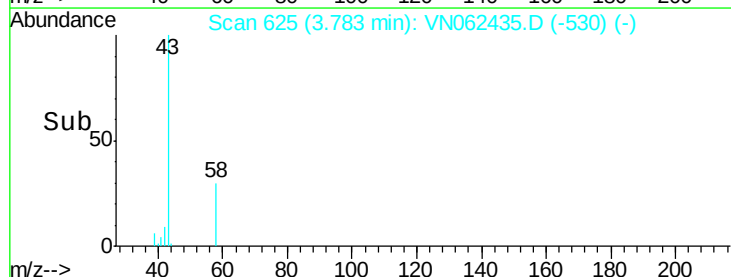
Time-->

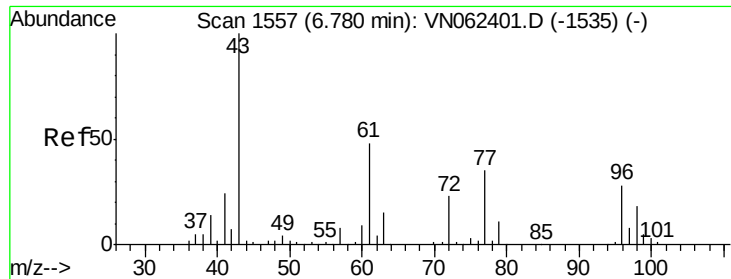
3.70

3.75

3.80

3.85





#27

cis-1,2-Dichloroethene

Concen: 1.266 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062435.D

Acq: 9 Jul 2020 3:35

Instrument :

MSVOA_N

ClientSampleId :

MW-10D

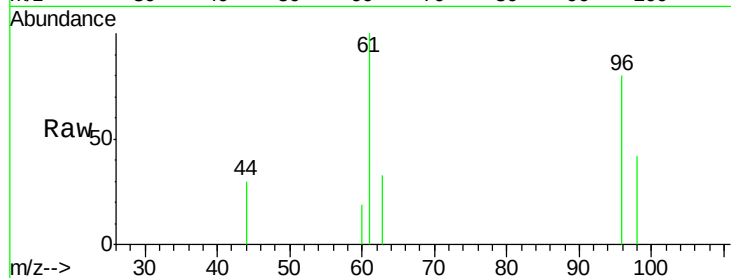
Tot Ion: 96 Resp: 3003

Ion Ratio Lower Upper

96 100

61 139.0 0.0 343.4

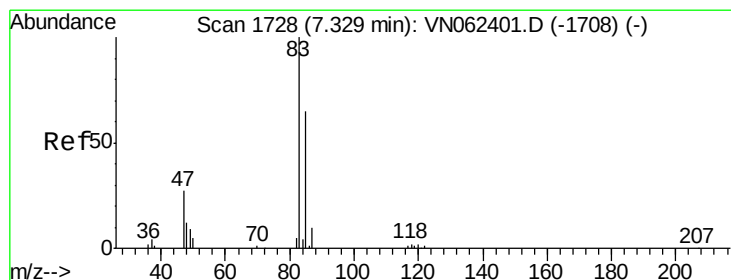
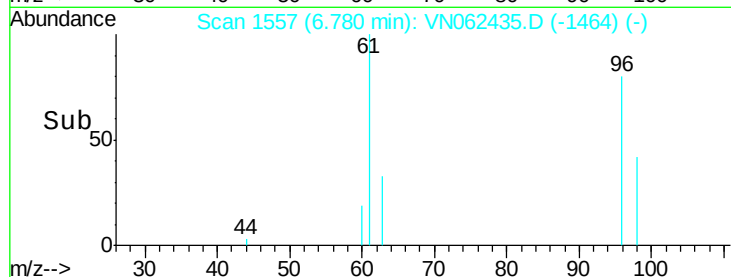
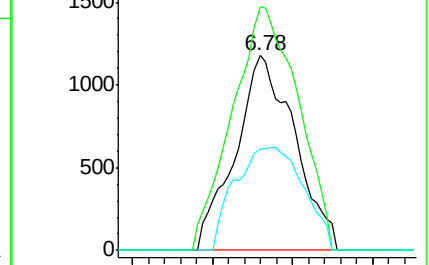
98 61.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#30

Chloroform

Concen: 7.730 ug/l

RT: 7.33 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN062435.D

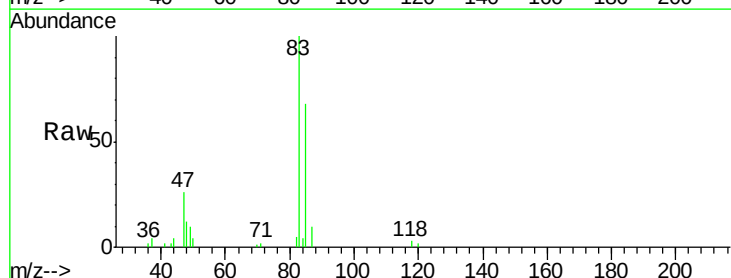
Acq: 9 Jul 2020 3:35

Tgt Ion: 83 Resp: 31667

Ion Ratio Lower Upper

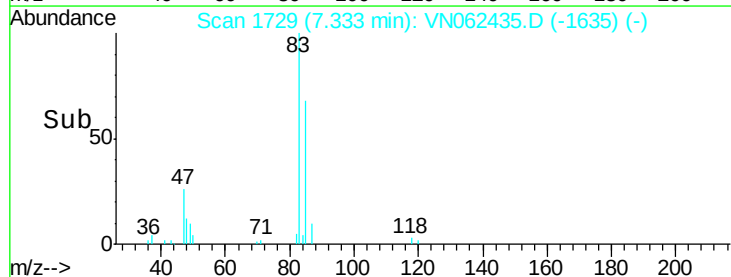
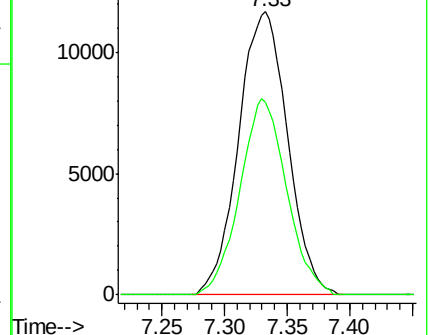
83 100

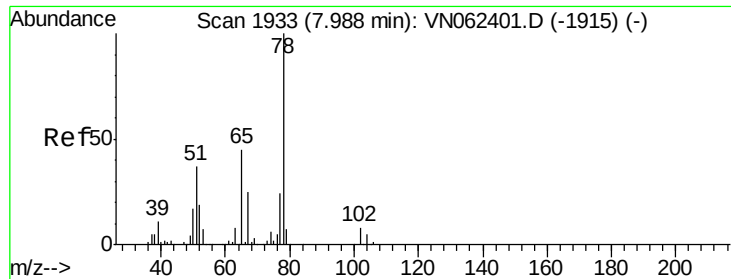
85 67.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

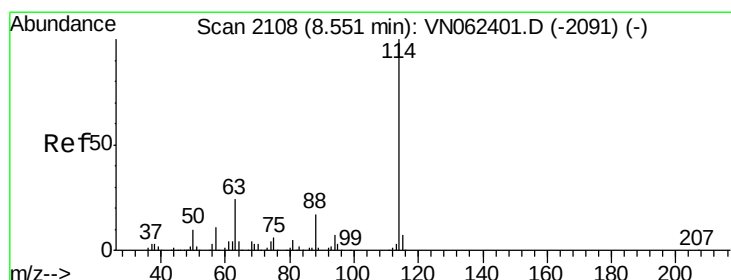
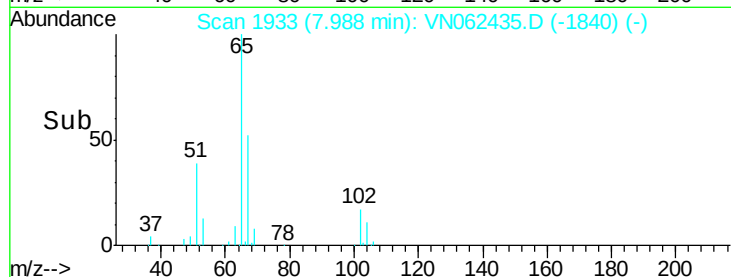
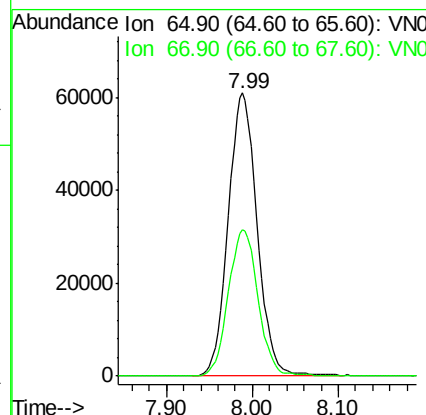
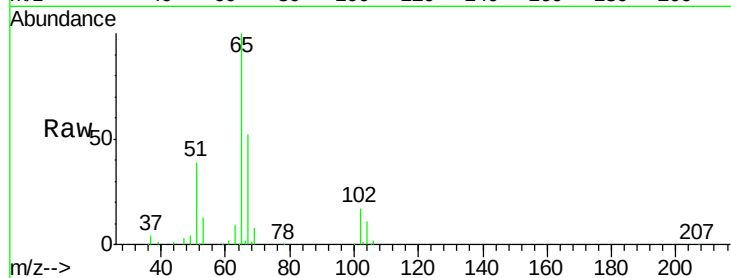




#33
 1,2-Dichloroethane-d4
 Concen: 50.392 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062435.D
 Acq: 9 Jul 2020 3:35

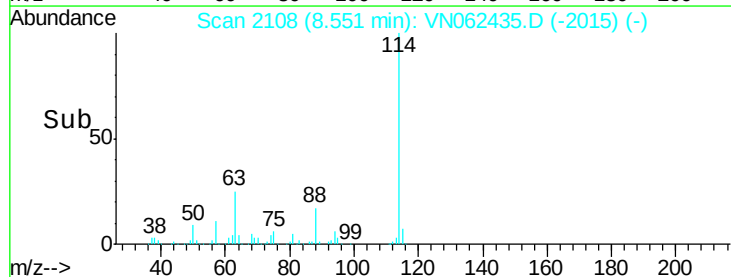
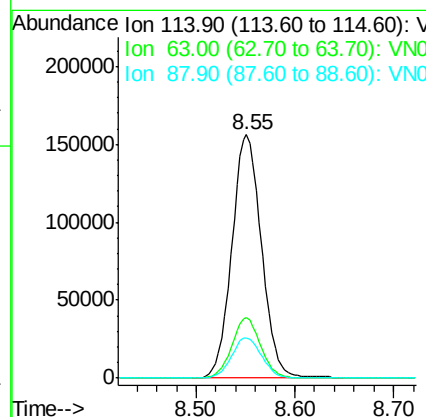
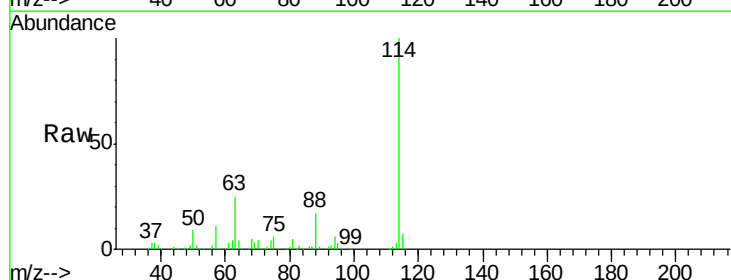
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10D

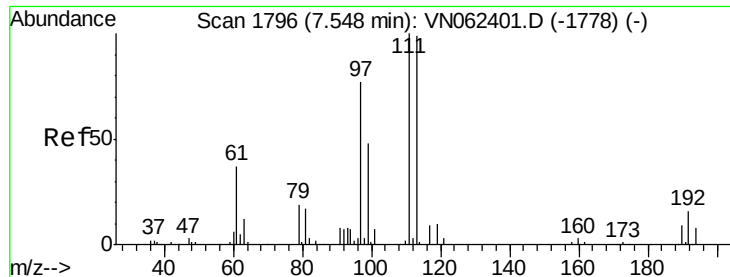
Tot Ion: 65 Resp: 142700
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062435.D
 Acq: 9 Jul 2020 3:35

Tgt Ion: 114 Resp: 327539
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.4
 88 16.7 0.0 33.8

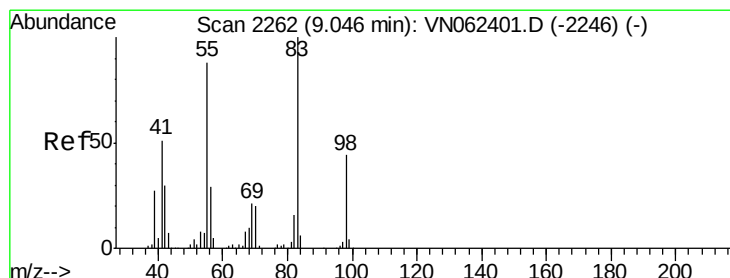
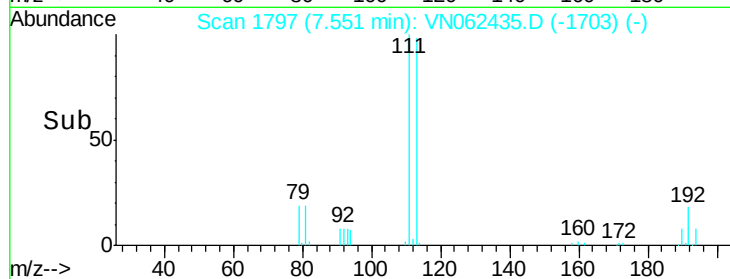
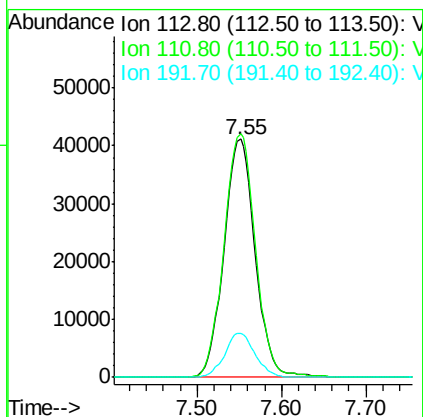
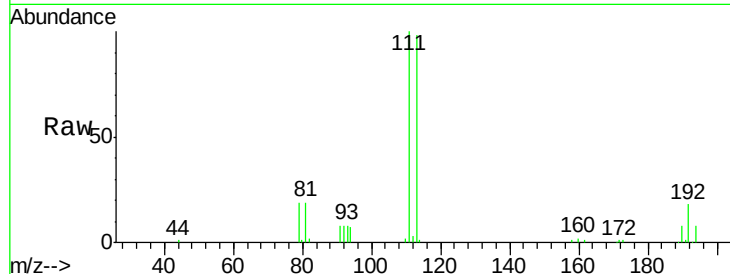




#35
 Dibromofluoromethane
 Concen: 52.081 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062435.D
 Acq: 9 Jul 2020 3:35

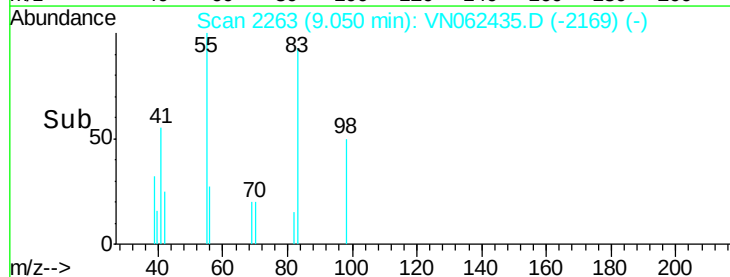
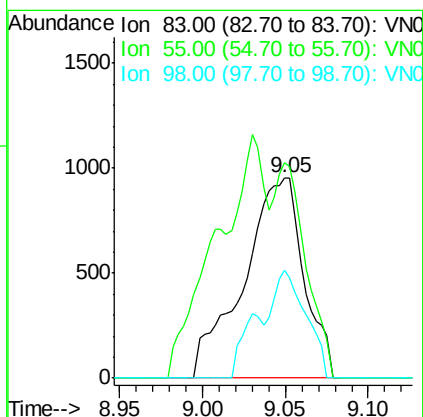
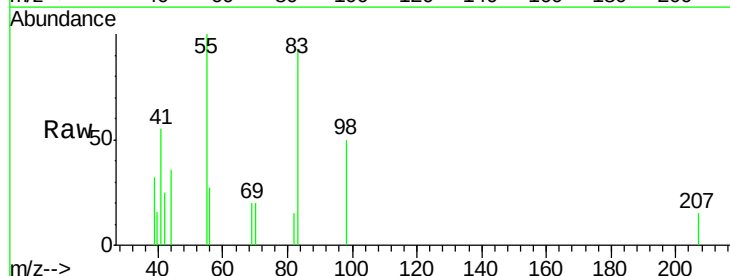
Instrument :
 MSVOA_N
 ClientSampled :
 MW-10D

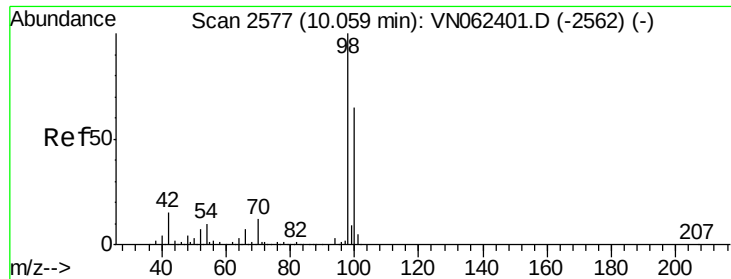
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	18.0	14.1	21.1



#39
 Methylcyclohexane
 Concen: 0.688 ug/l
 RT: 9.05 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VN062435.D
 Acq: 9 Jul 2020 3:35

Tgt Ion	Ratio	Lower	Upper
83	100		
55	107.3	70.5	105.7#
98	54.1	35.5	53.3#





#50

Toluene-d8

Concen: 52.969 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062435.D

Acq: 9 Jul 2020 3:35

Instrument :

MSVOA_N

ClientSampled :

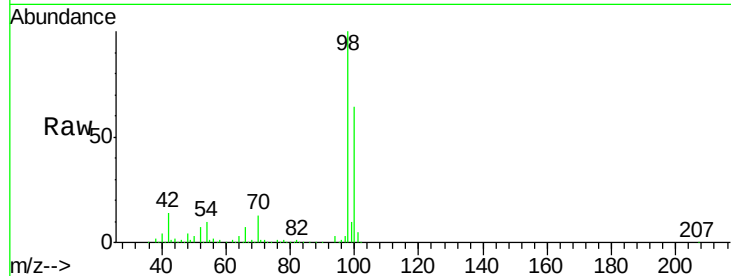
MW-10D

Tot Ion: 98 Resp: 423364

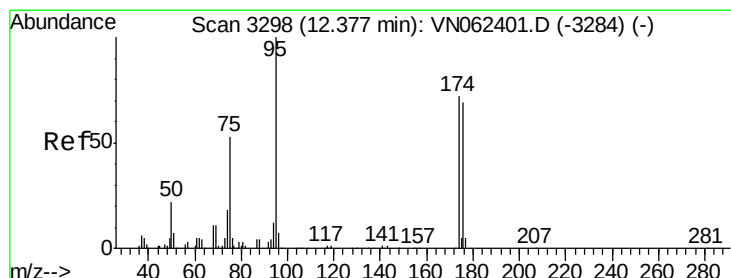
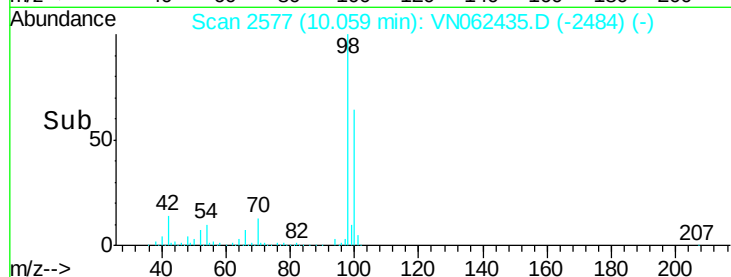
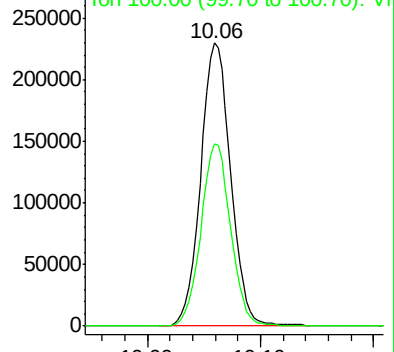
Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN062401.D (-2562) (-)



#62

4-Bromofluorobenzene

Concen: 51.710 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062435.D

Acq: 9 Jul 2020 3:35

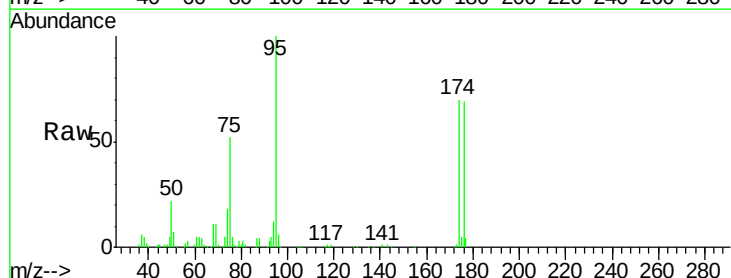
Tgt Ion: 95 Resp: 151034

Ion Ratio Lower Upper

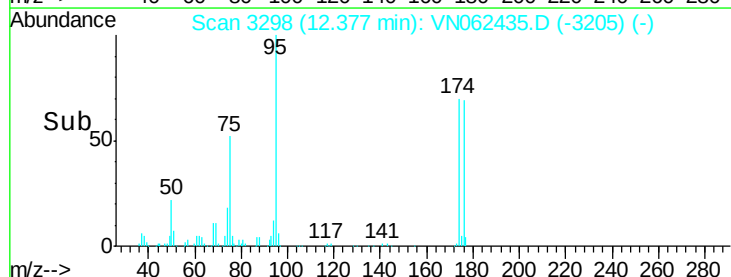
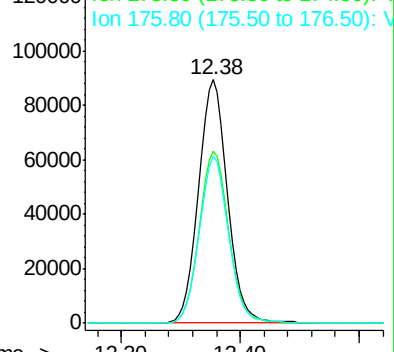
95 100

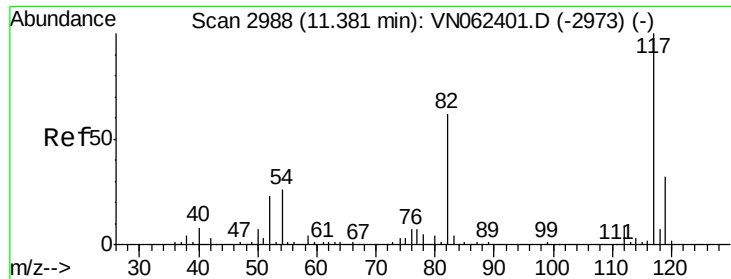
174 71.7 0.0 141.6

176 68.9 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062401.D (-3284) (-)

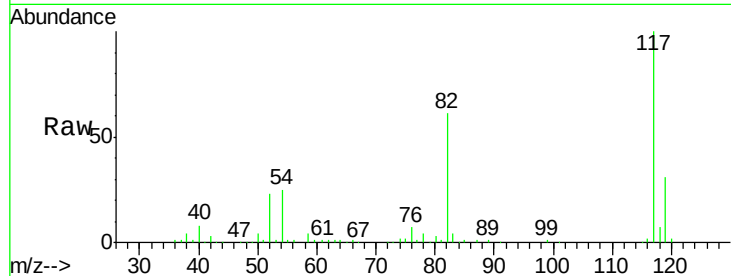




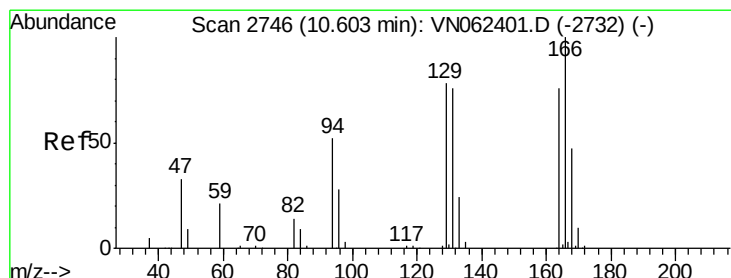
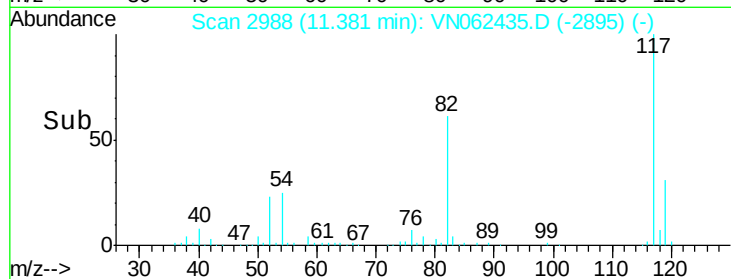
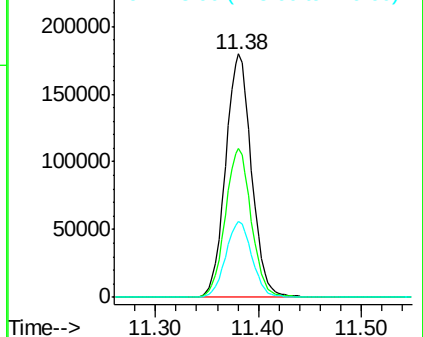
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062435.D
Acq: 9 Jul 2020 3:35

Instrument :
MSVOA_N
ClientSampleId :
MW-10D

Tot Ion:117 Resp: 314489
Ion Ratio Lower Upper
117 100
82 61.0 49.6 74.4
119 31.1 25.4 38.0

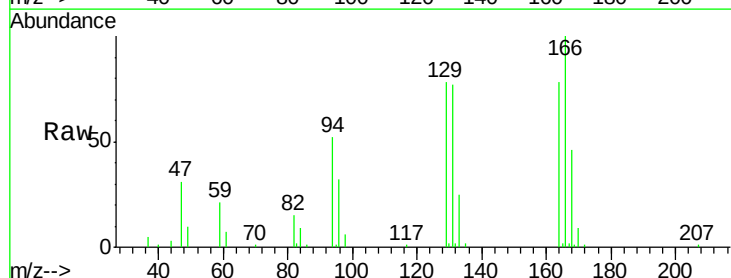


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

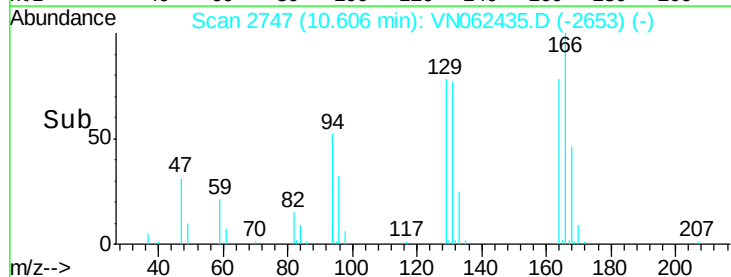
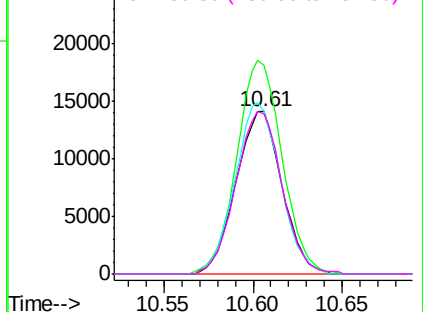


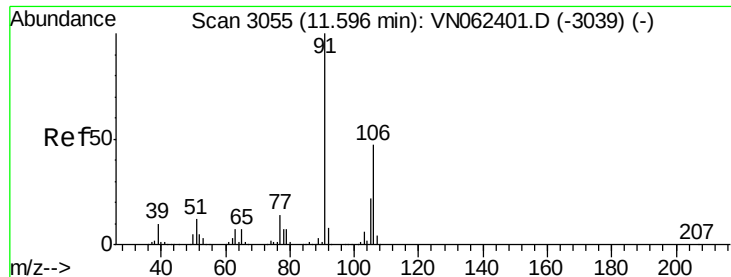
#64
Tetrachloroethene
Concen: 13.561 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062435.D
Acq: 9 Jul 2020 3:35

Tgt Ion:164 Resp: 25308
Ion Ratio Lower Upper
164 100
166 128.4 104.9 157.3
129 99.8 81.8 122.6
131 98.9 79.3 118.9



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

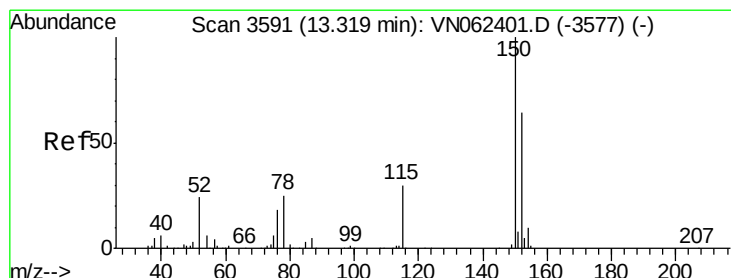
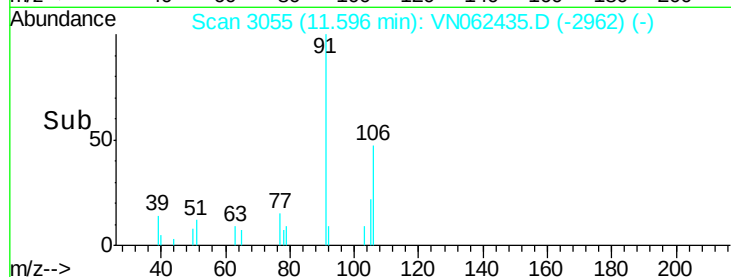
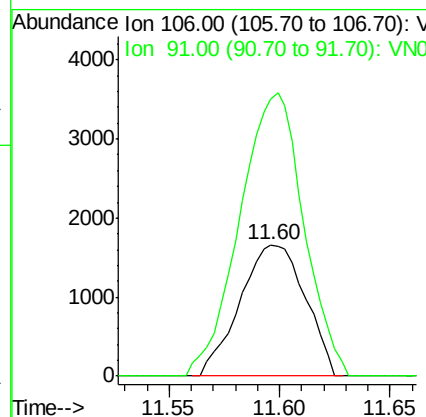
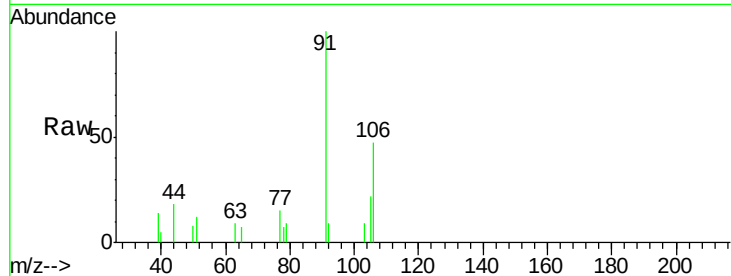




#68
m/p-Xvlenes
Concen: 0.838 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062435.D
Acq: 9 Jul 2020 3:35

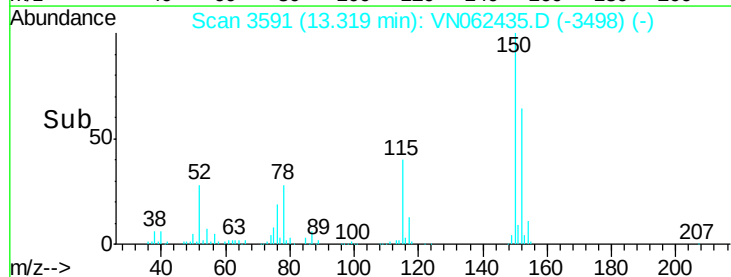
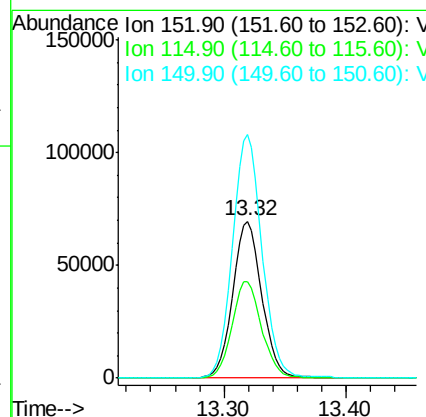
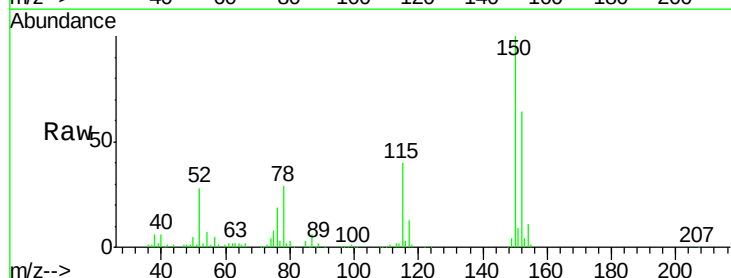
Instrument :
MSVOA_N
ClientSampled :
MW-10D

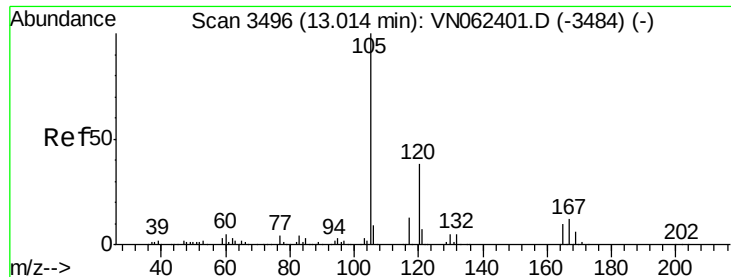
Tot Ion:106 Resp: 3403
Ion Ratio Lower Upper
106 100
91 211.9 172.4 258.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062435.D
Acq: 9 Jul 2020 3:35

Tgt Ion:152 Resp: 115960
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.2
150 157.8 0.0 347.4

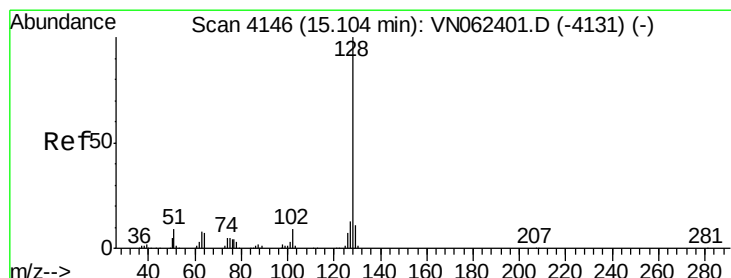
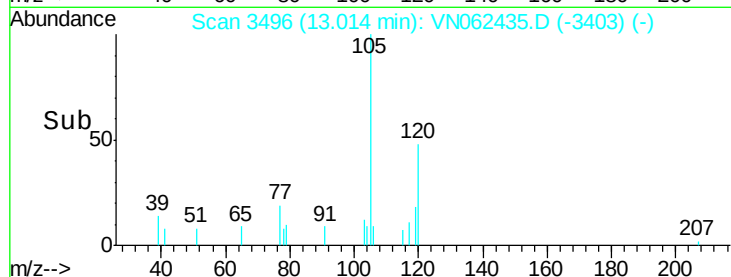
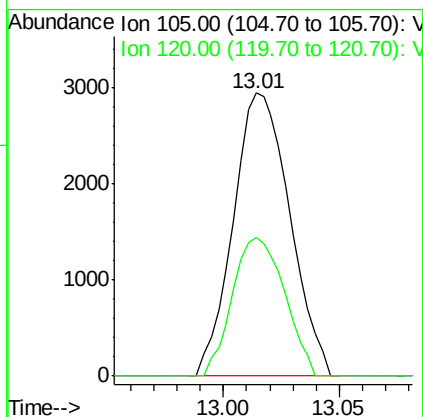
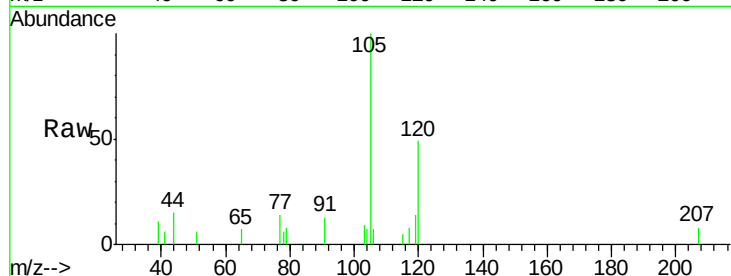




#84
 1,2,4-Trimethylbenzene
 Concen: 0.682 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062435.D
 Acq: 9 Jul 2020 3:35

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10D

Tot Ion:105 Resp: 4983
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.6 64.8



#95
 Naphthalene
 Concen: 2.404 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: VN062435.D
 Acq: 9 Jul 2020 3:35

Tgt Ion:128 Resp: 12464
 Ion Ratio Lower Upper
 128 100
 127 12.2 10.2 15.2
 129 10.0 8.6 12.8

