

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062434.D
 Acq On : 9 Jul 2020 3:11
 Operator : JC/MD
 Sample : L3215-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Quant Time: Jul 09 04:21:28 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

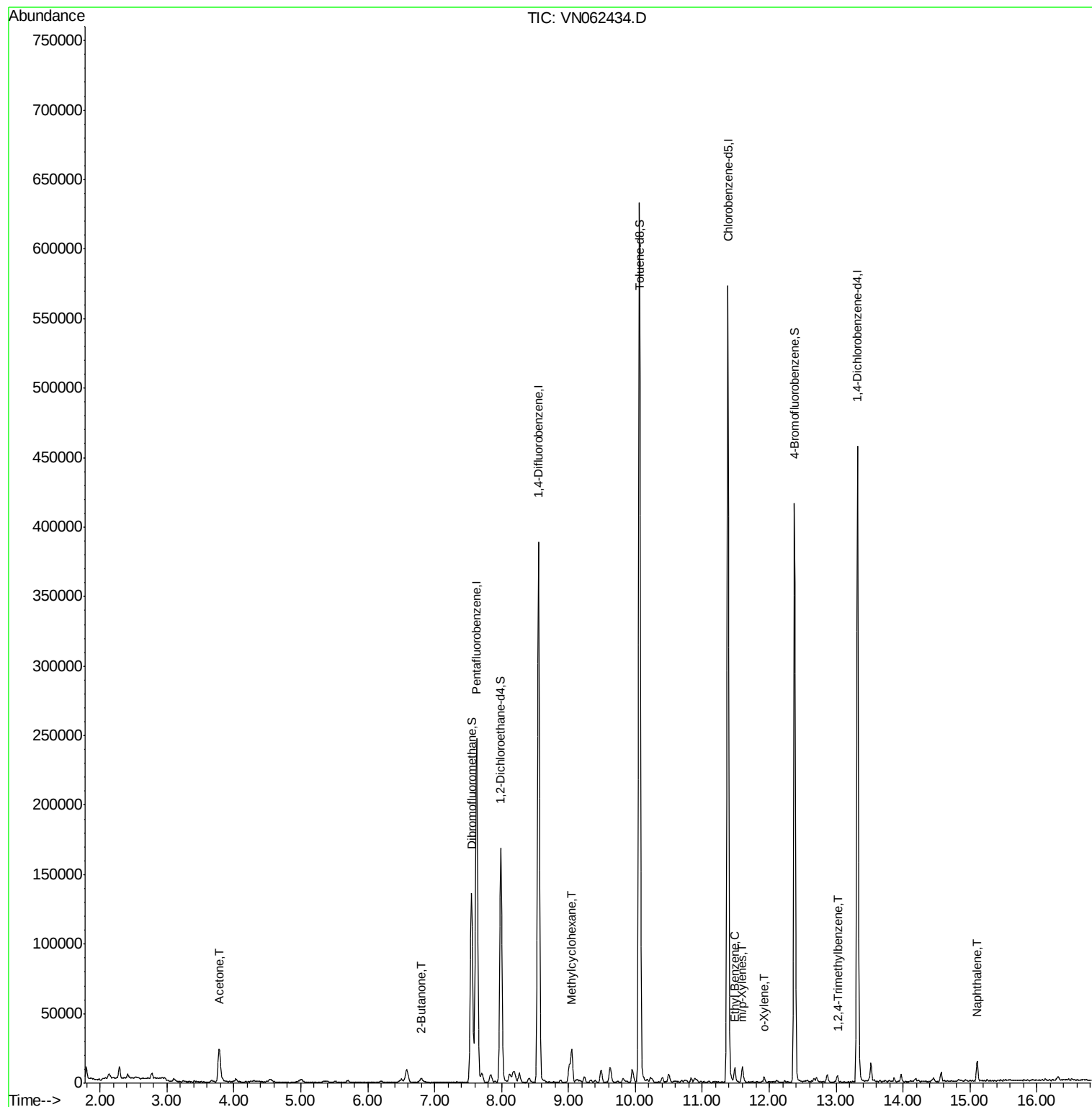
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	183780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	331335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	311449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	143253	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	7.55	113	106350	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
50) Toluene-d8	10.06	98	428602	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.38	95	151904	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	43010	35.838	ug/l	100
25) 2-Butanone	6.80	43	7105	4.054	ug/l	93
39) Methylcyclohexane	9.05	83	9900	2.778	ug/l	99
67) Ethyl Benzene	11.49	91	6878	0.605	ug/l #	78
68) m/p-Xylenes	11.60	106	3816	0.949	ug/l	93
69) o-Xylene	11.92	106	1301	0.332	ug/l	92
84) 1,2,4-Trimethylbenzene	13.02	105	3725	0.504	ug/l	90
95) Naphthalene	15.11	128	12608	2.407	ug/l	100

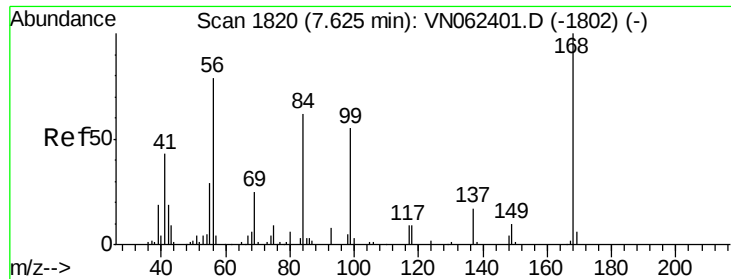
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062434.D
Acq On : 9 Jul 2020 3:11
Operator : JC/MD
Sample : L3215-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Quant Time: Jul 09 04:21:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
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: VN062434.D

Acq: 9 Jul 2020 3:11

Instrument :

MSVOA_N

ClientSampled :

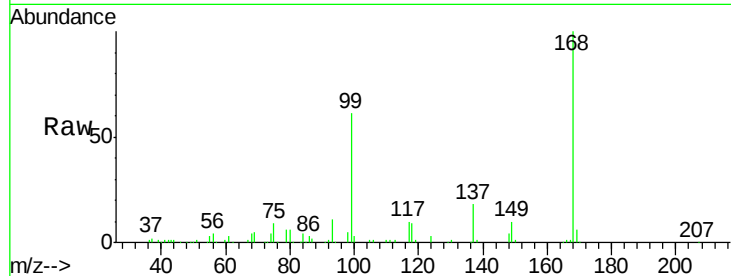
MW-1A

Tot Ion:168 Resp: 183780

Ion Ratio Lower Upper

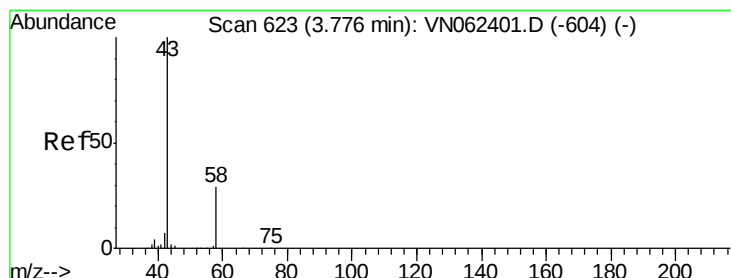
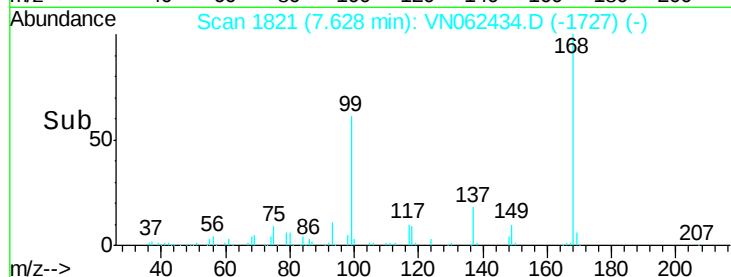
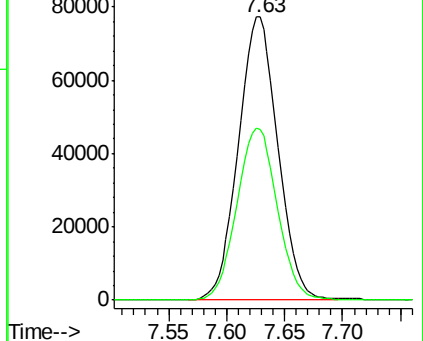
168 100

99 60.5 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 35.838 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062434.D

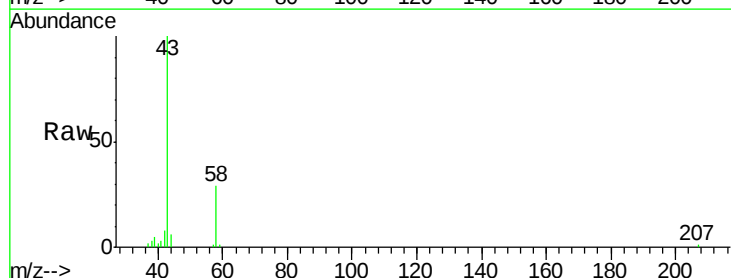
Acq: 9 Jul 2020 3:11

Tgt Ion: 43 Resp: 43010

Ion Ratio Lower Upper

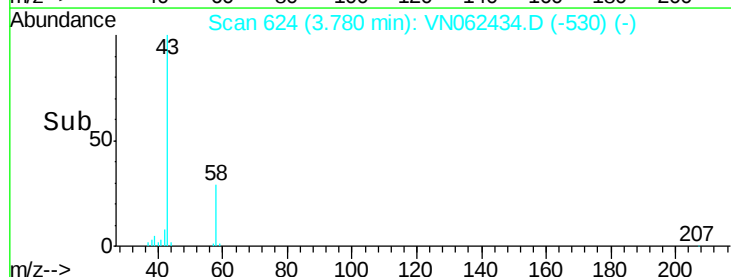
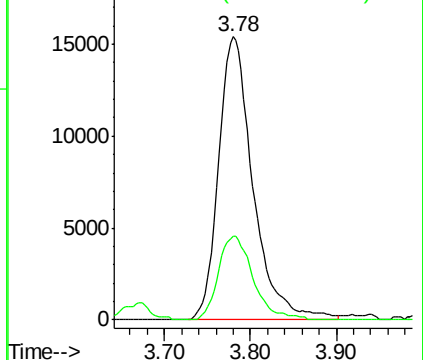
43 100

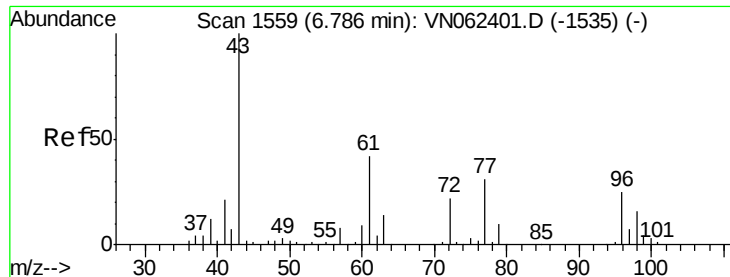
58 29.5 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#25

2-Butanone

Concen: 4.054 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN062434.D

Acq: 9 Jul 2020 3:11

Instrument :

MSVOA_N

ClientSampled :

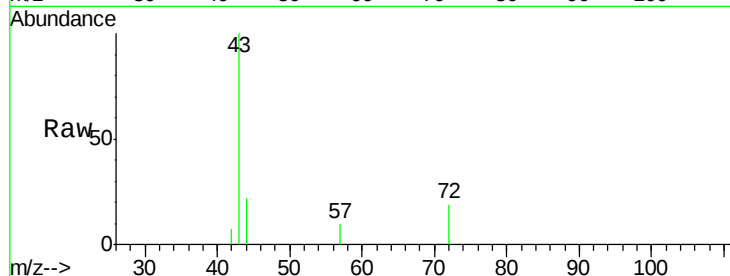
MW-1A

Tot Ion: 43 Resp: 7105

Ion Ratio Lower Upper

43 100

72 19.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1535) (-)

Ion 72.00 (71.70 to 72.70): VN062401.D (-1535) (-)

6.80

2500

2000

1500

1000

500

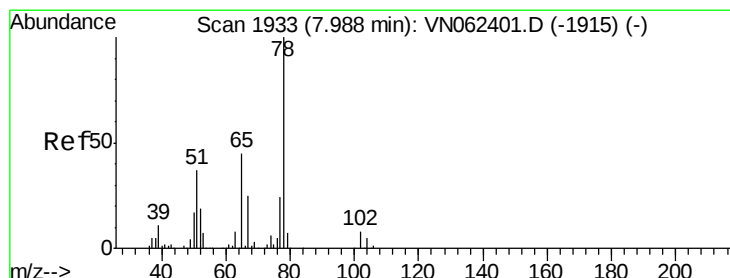
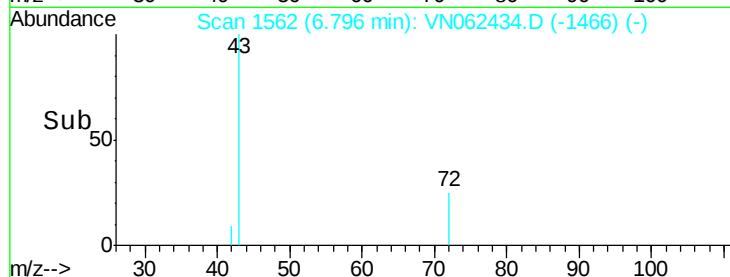
0

6.70

6.80

6.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.677 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062434.D

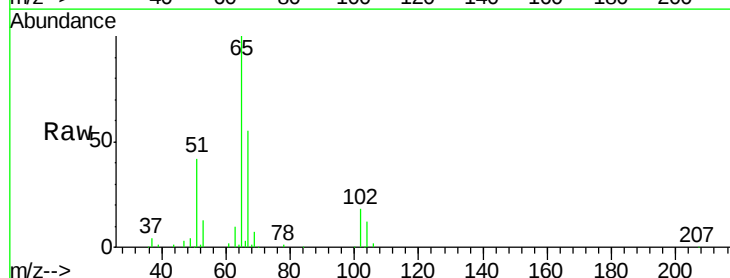
Acq: 9 Jul 2020 3:11

Tgt Ion: 65 Resp: 143253

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN062401.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062401.D (-1915) (-)

7.99

60000

40000

20000

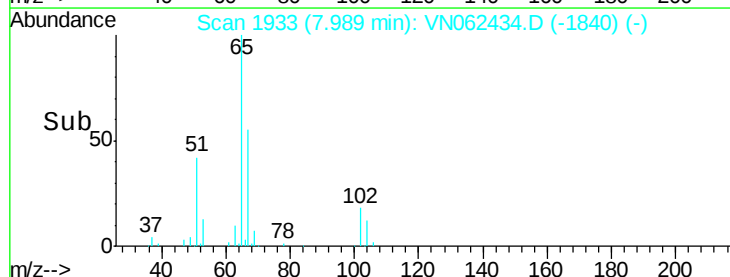
0

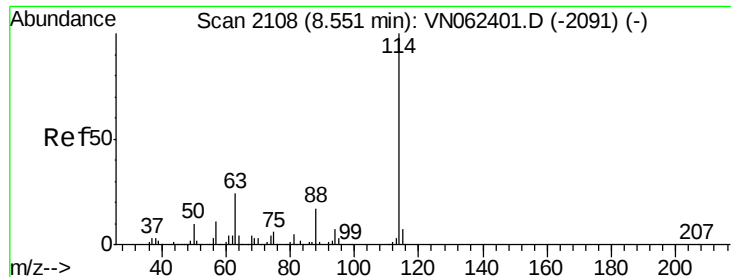
7.90

8.00

8.10

Time-->

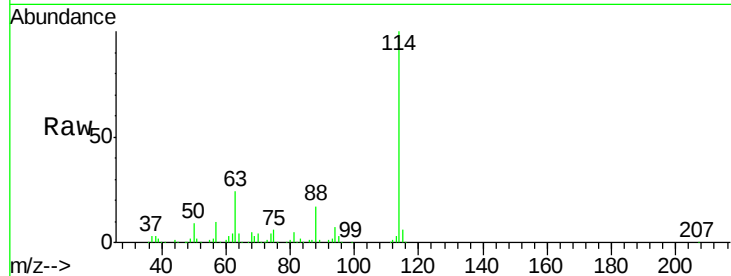




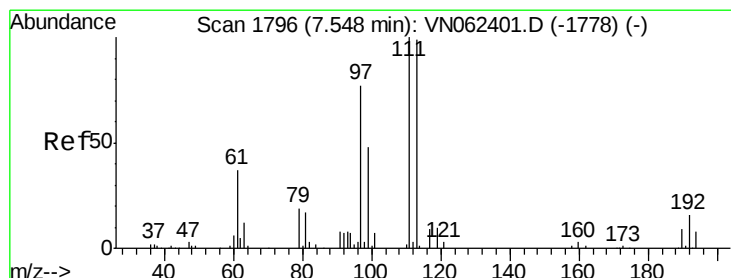
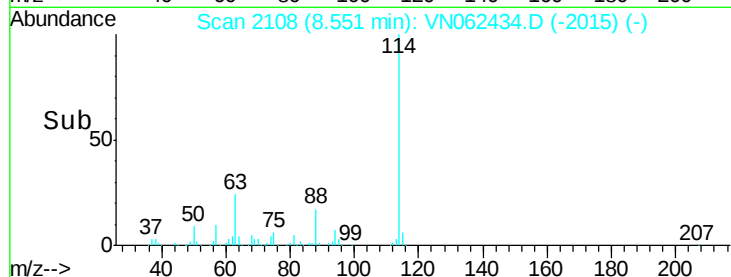
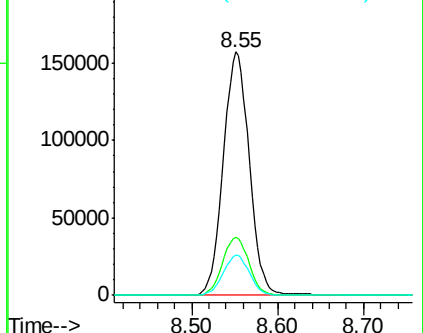
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062434.D
 Acq: 9 Jul 2020 3:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	48.4
88	16.7	0.0	33.8

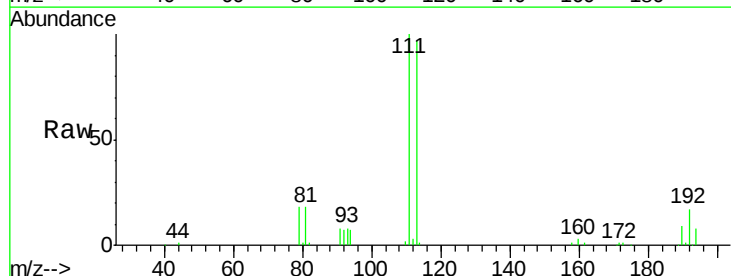


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

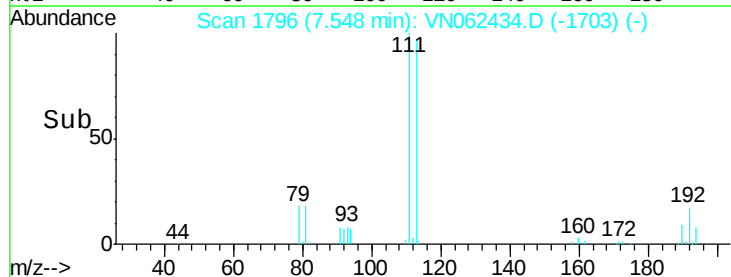
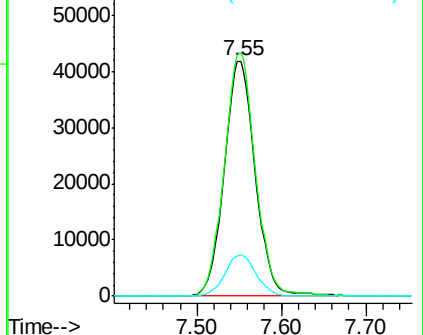


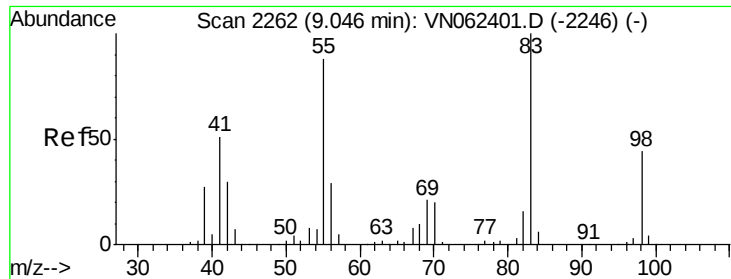
#35
 Dibromofluoromethane
 Concen: 51.926 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062434.D
 Acq: 9 Jul 2020 3:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.1	124.7
192	17.7	14.1	21.1



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

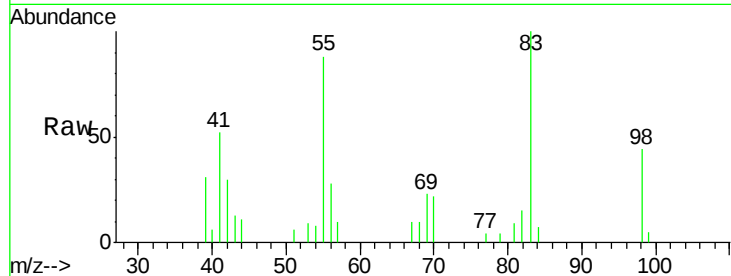




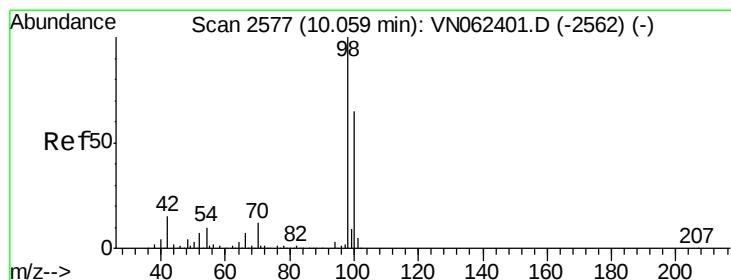
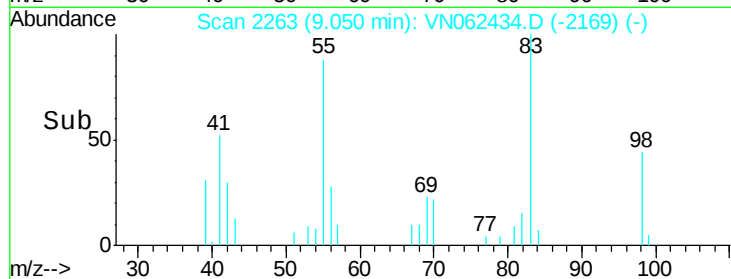
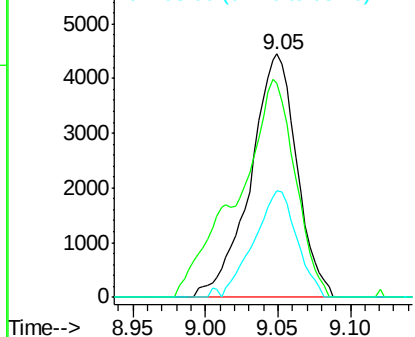
#39
Methvlcvclohexane
Concen: 2.778 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062434.D
Acq: 9 Jul 2020 3:11

Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Tot Ion: 83 Resp: 9900
Ion Ratio Lower Upper
83 100
55 87.7 70.5 105.7
98 43.9 35.5 53.3

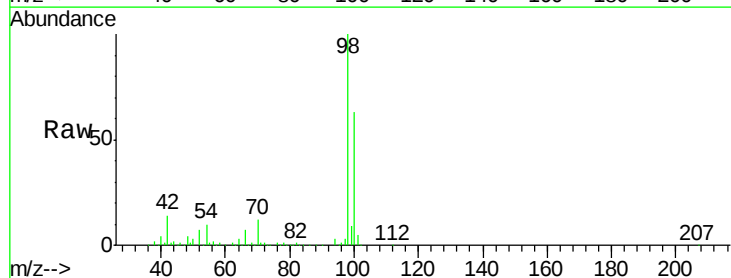


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

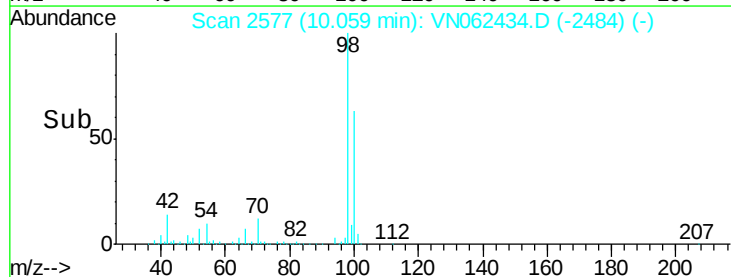
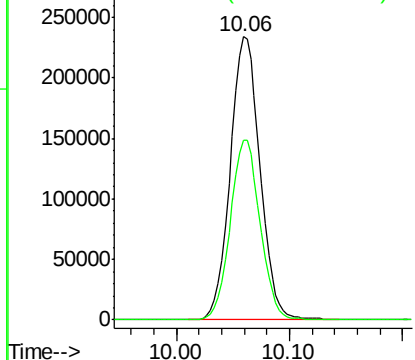


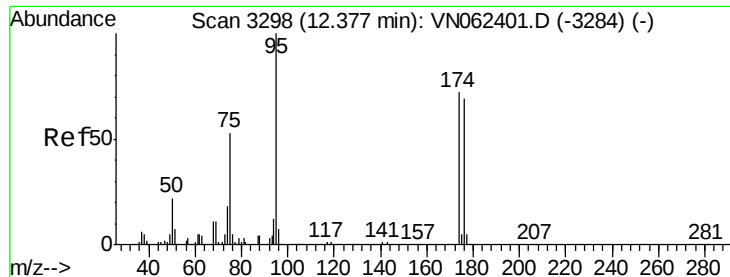
#50
Toluene-d8
Concen: 53.010 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062434.D
Acq: 9 Jul 2020 3:11

Tgt Ion: 98 Resp: 428602
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



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





#62

4-Bromofluorobenzene

Concen: 51.412 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062434.D

Acq: 9 Jul 2020 3:11

Instrument :

MSVOA_N

ClientSampleId :

MW-1A

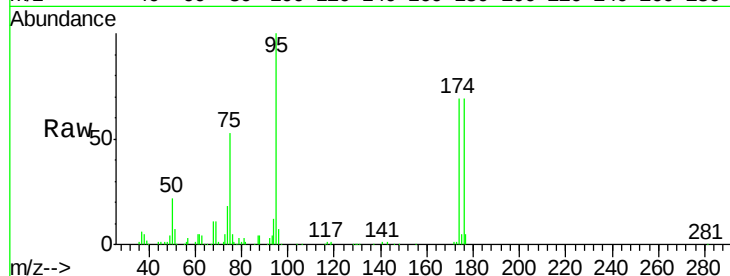
Tot Ion: 95 Resp: 151904

Ion Ratio Lower Upper

95 100

174 70.6 0.0 141.6

176 67.7 0.0 137.2



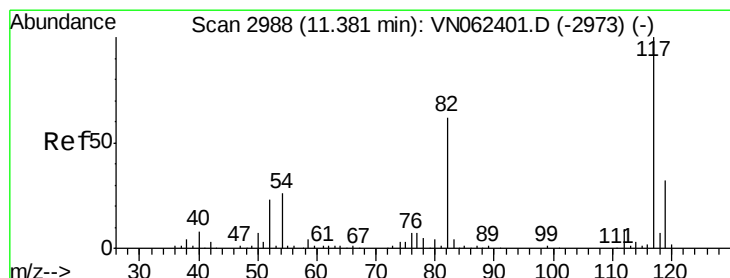
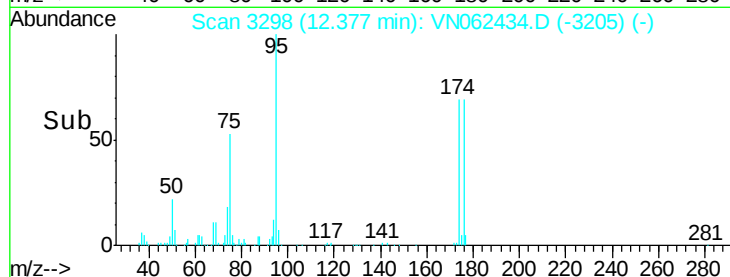
Abundance Ion 94.90 (94.60 to 95.60): VN062401.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062401.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062401.D (-3284) (-)

12.38

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062434.D

Acq: 9 Jul 2020 3:11

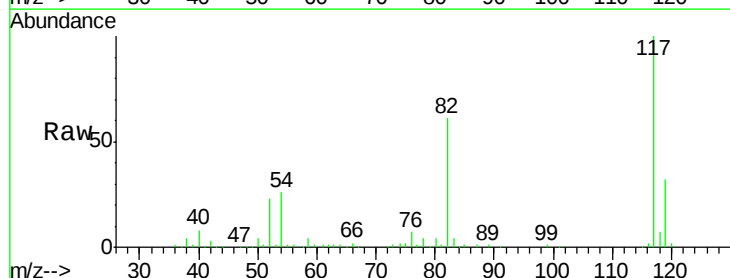
Tgt Ion: 117 Resp: 311449

Ion Ratio Lower Upper

117 100

82 61.0 49.6 74.4

119 32.5 25.4 38.0



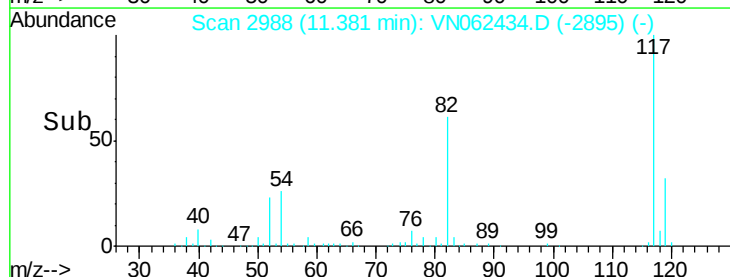
Abundance Ion 116.90 (116.60 to 117.60): VN062401.D (-2973) (-)

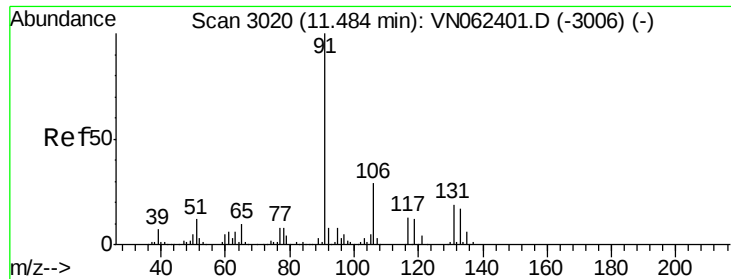
Ion 82.00 (81.70 to 82.70): VN062401.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN062401.D (-2973) (-)

11.38

Time-->

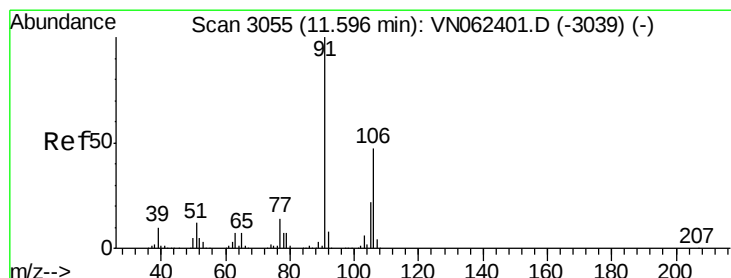
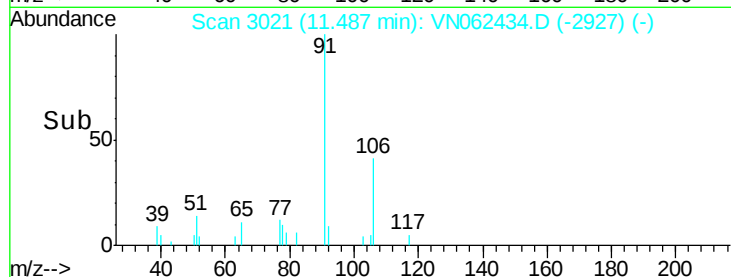
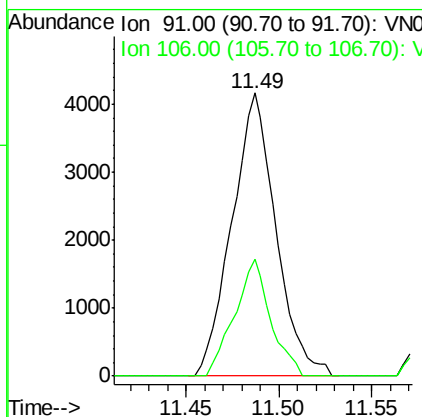
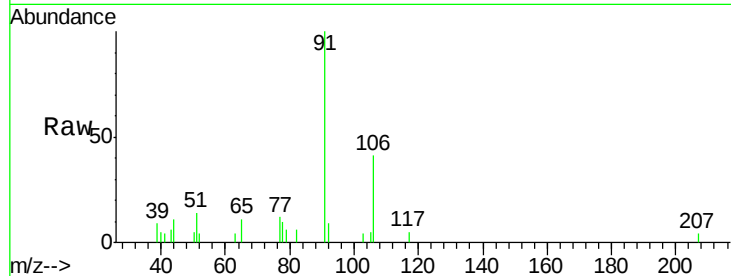




#67
Ethyl Benzene
Concen: 0.605 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062434.D
Acq: 9 Jul 2020 3:11

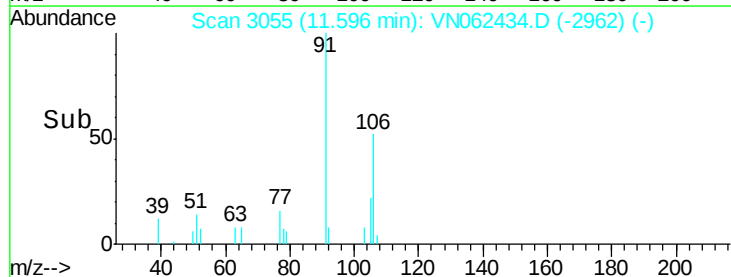
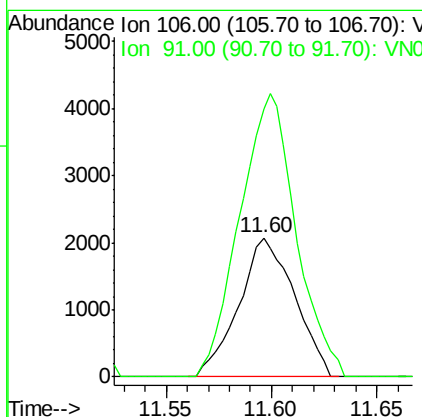
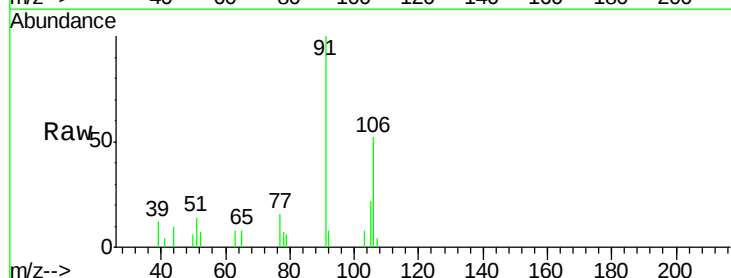
Instrument :
MSVOA_N
ClientSampled :
MW-1A

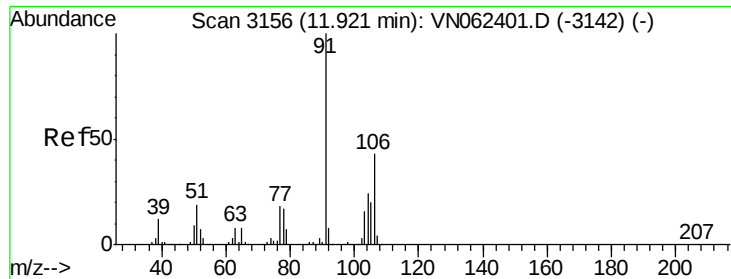
Tot Ion: 91 Resp: 6878
Ion Ratio Lower Upper
91 100
106 41.2 23.4 35.2#



#68
m/p-Xylenes
Concen: 0.949 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062434.D
Acq: 9 Jul 2020 3:11

Tgt Ion: 106 Resp: 3816
Ion Ratio Lower Upper
106 100
91 205.1 172.4 258.6

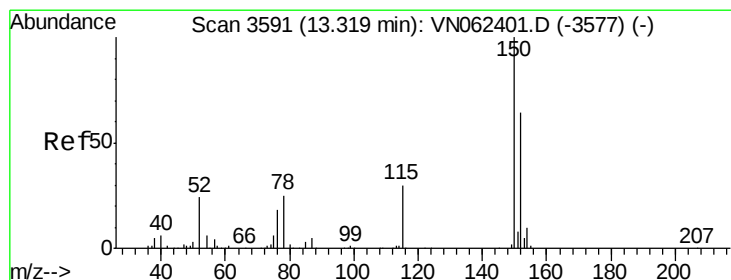
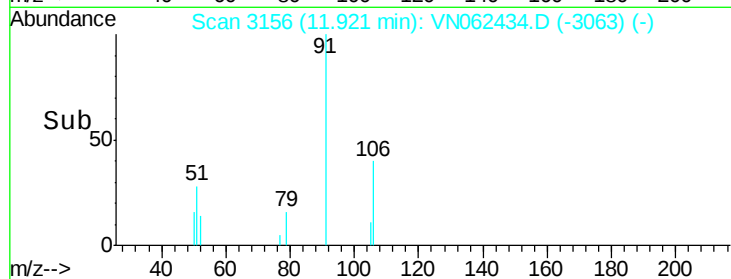
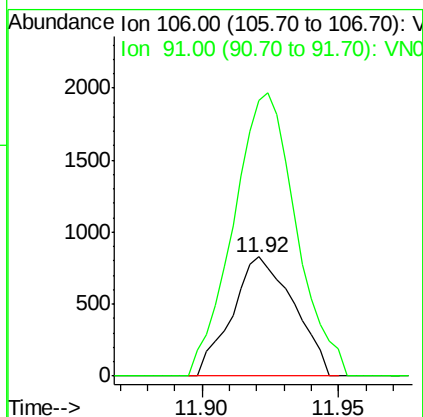
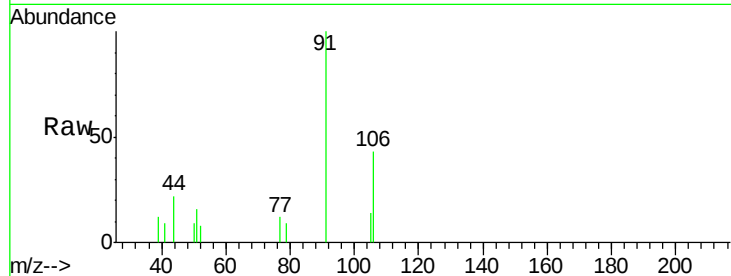




#69
o-Xylene
Concen: 0.332 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062434.D
Acq: 9 Jul 2020 3:11

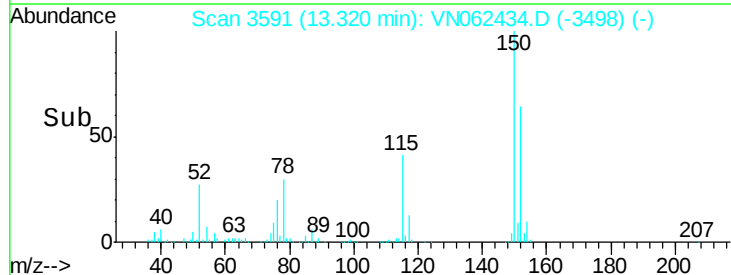
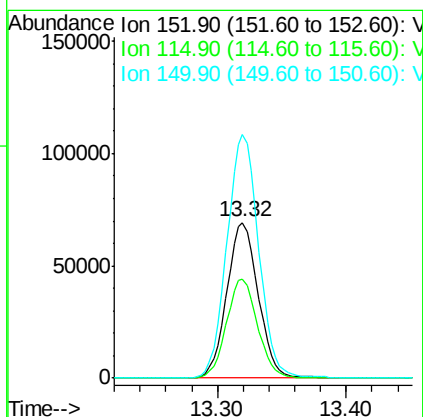
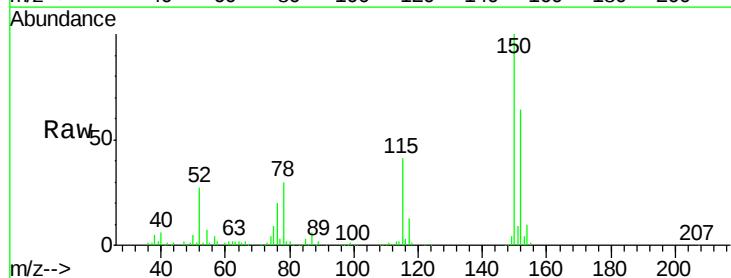
Instrument :
MSVOA_N
ClientSampled :
MW-1A

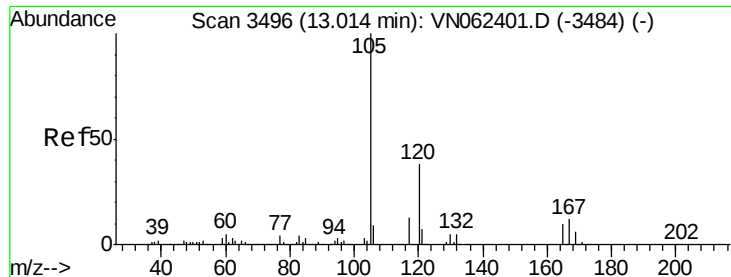
Tot Ion:106 Resp: 1301
Ion Ratio Lower Upper
106 100
91 240.7 113.8 341.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062434.D
Acq: 9 Jul 2020 3:11

Tgt Ion:152 Resp: 117206
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.2
150 158.1 0.0 347.4

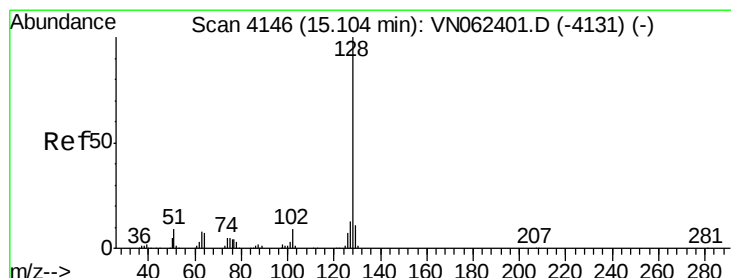
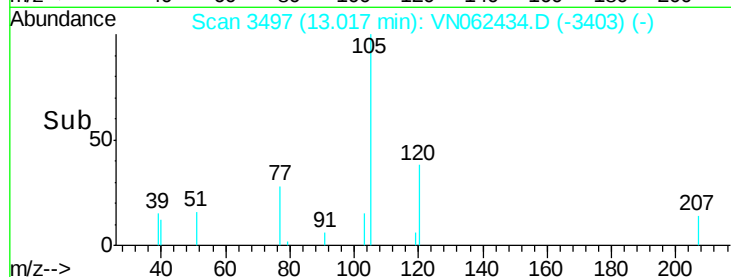
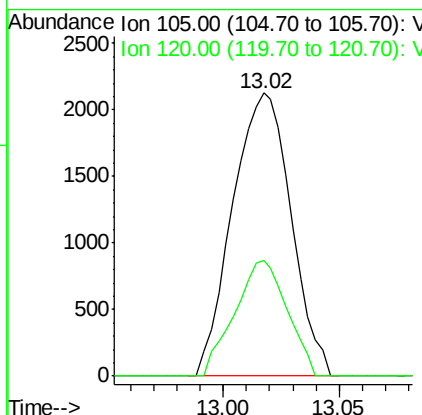
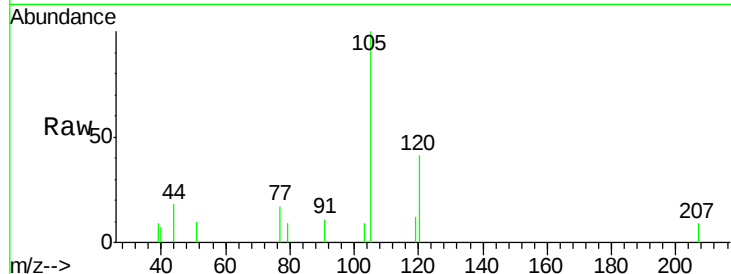




#84
 1,2,4-Trimethylbenzene
 Concen: 0.504 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062434.D
 Acq: 9 Jul 2020 3:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Tot Ion:105 Resp: 3725
 Ion Ratio Lower Upper
 105 100
 120 36.8 21.6 64.8



#95
 Naphthalene
 Concen: 2.407 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: VN062434.D
 Acq: 9 Jul 2020 3:11

Tgt Ion:128 Resp: 12608
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 10.9 8.6 12.8

