

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062428.D
 Acq On : 9 Jul 2020 00:47
 Operator : JC/MD
 Sample : L3215-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13D

Quant Time: Jul 09 02:27:13 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	176712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	301782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106737	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	142010	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	7.55	113	101697	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	10.06	98	407749	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.38	95	145044	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	

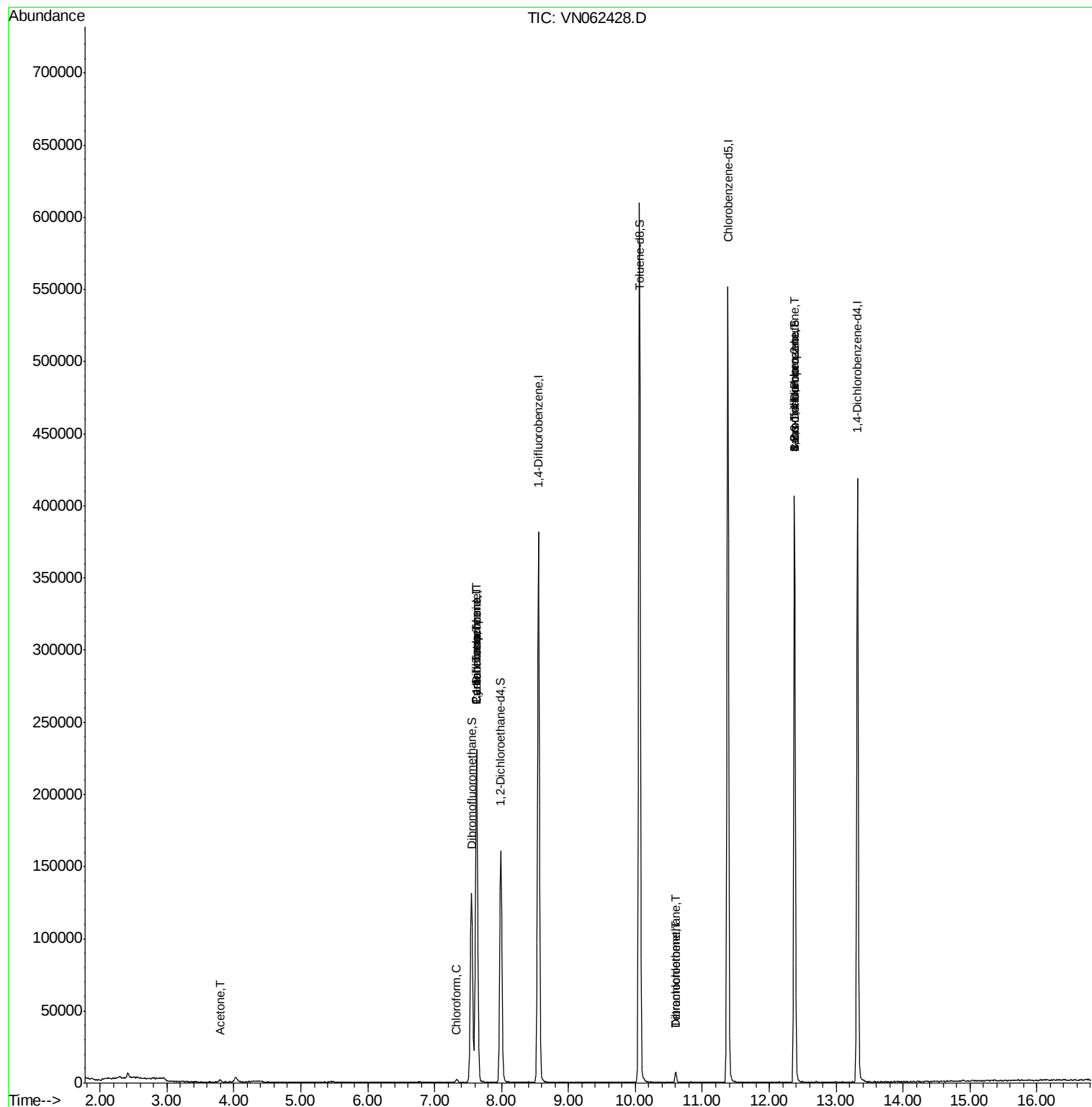
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	2323	2.013	ug/l	93
30) Chloroform	7.34	83	2504	0.637	ug/l	88
31) Cyclohexane	7.63	56	4437	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	15657	4.867	ug/l #	50
38) Carbon Tetrachloride	7.63	117	18160	6.279	ug/l #	16
60) Dibromochloromethane	10.60	129	1570	0.672	ug/l #	11
64) Tetrachloroethene	10.60	164	1798	1.004	ug/l	90
71) Bromoform	12.37	173	980	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	75456	28.811	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	75456	77.116	ug/l #	10

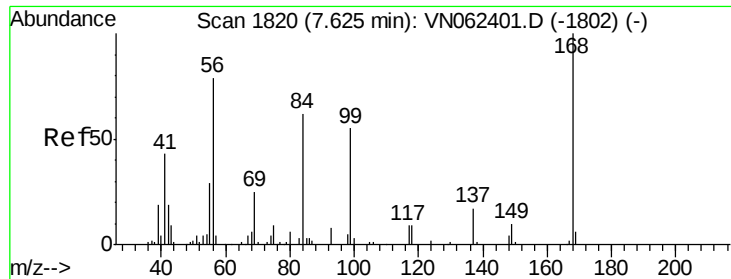
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062428.D

Acq: 9 Jul 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

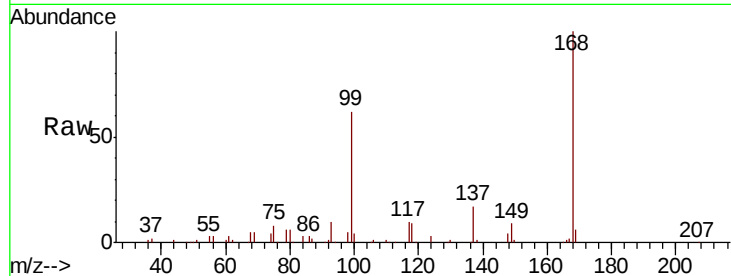
MW-13D

Tot Ion:168 Resp: 176712

Ion Ratio Lower Upper

168 100

99 62.1 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

40000

20000

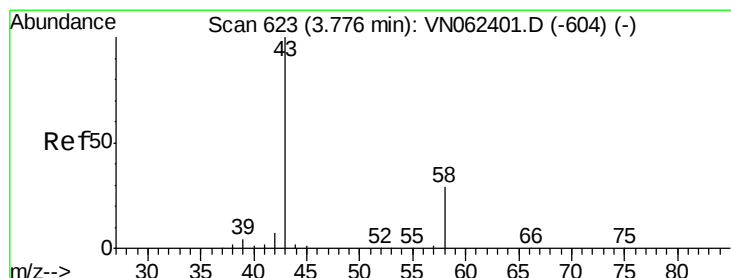
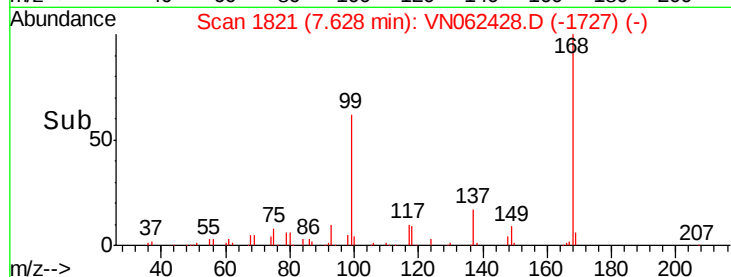
0

Time-->

7.50

7.60

7.70



#16

Acetone

Concen: 2.013 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062428.D

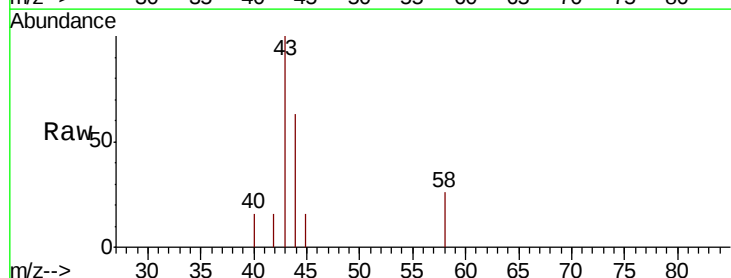
Acq: 9 Jul 2020 00:47

Tgt Ion: 43 Resp: 2323

Ion Ratio Lower Upper

43 100

58 25.8 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

1000

800

600

400

200

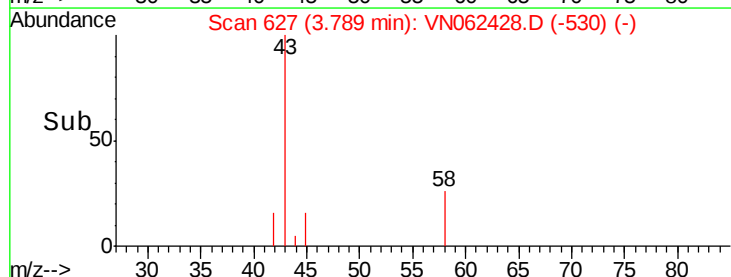
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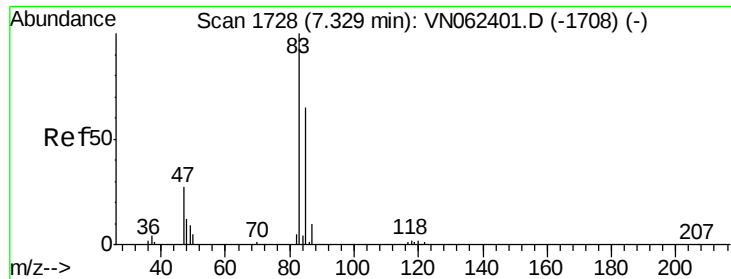
Time-->

3.75

3.80

3.85

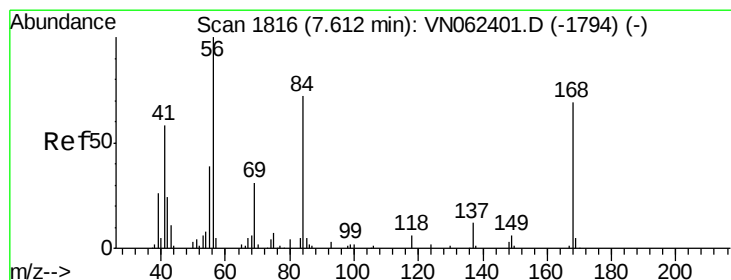
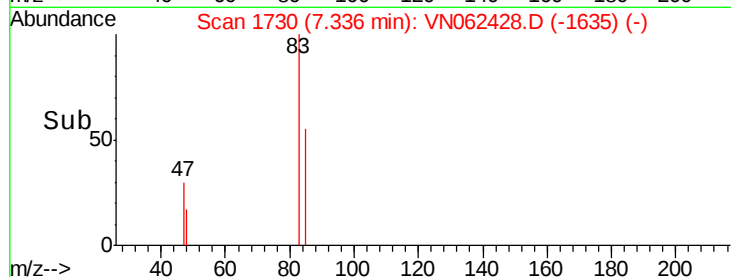
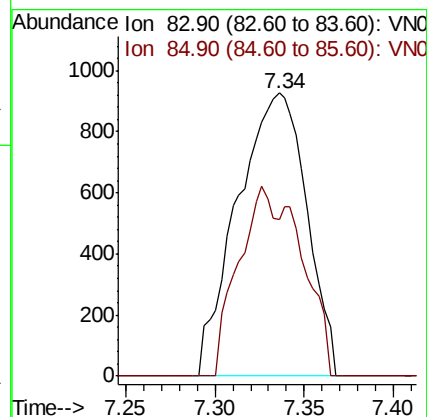
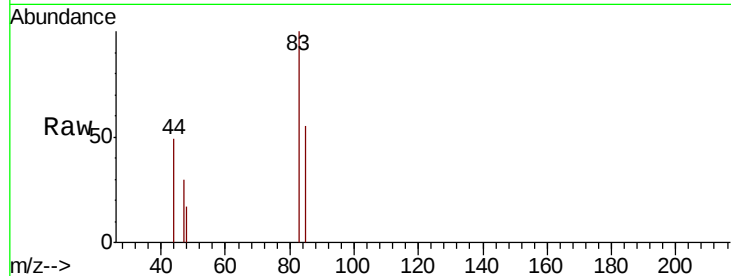




#30
Chloroform
Concen: 0.637 ug/l
RT: 7.34 min Scan# 1730
Delta R.T. 0.01 min
Lab File: VN062428.D
Acq: 9 Jul 2020 00:47

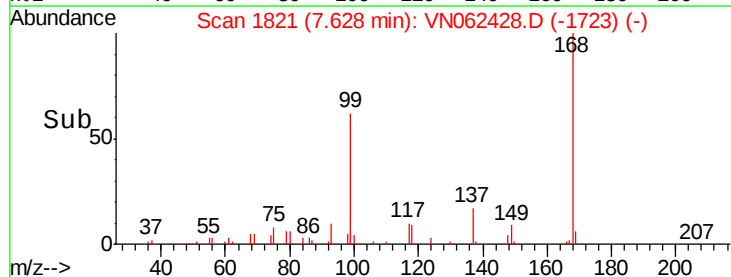
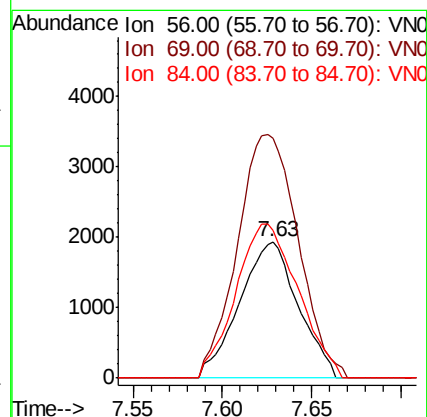
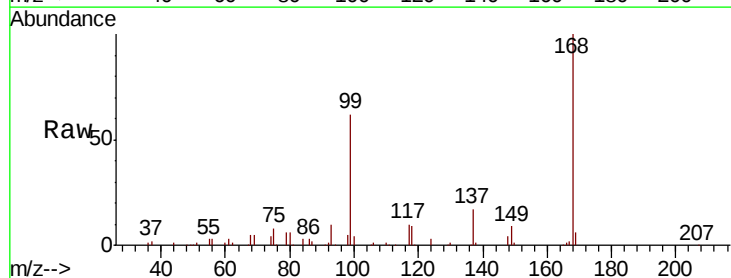
Instrument :
MSVOA_N
ClientSampled :
MW-13D

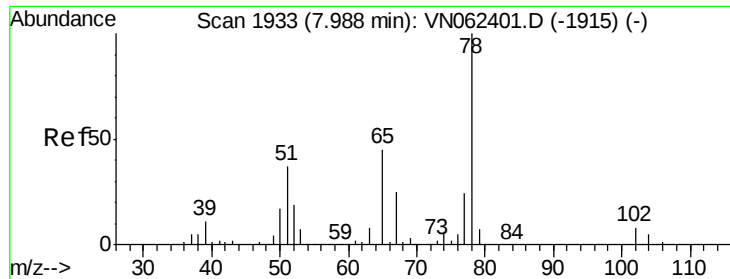
Tot Ion: 83 Resp: 2504
Ion Ratio Lower Upper
83 100
85 55.2 51.8 77.6



#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN062428.D
Acq: 9 Jul 2020 00:47

Tgt Ion: 56 Resp: 4437
Ion Ratio Lower Upper
56 100
69 175.5 24.5 36.7#
84 108.4 57.4 86.2#

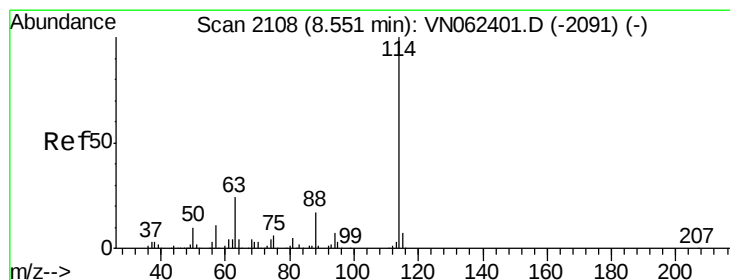
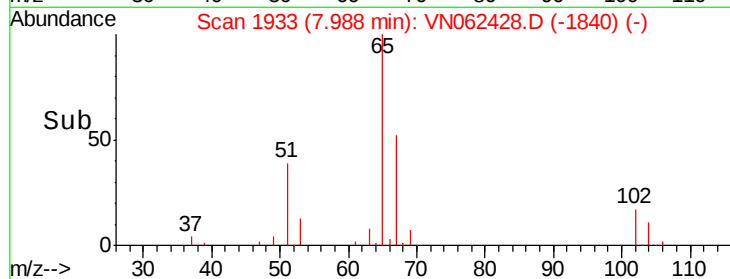
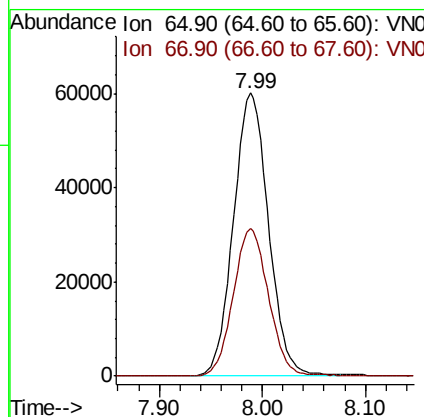
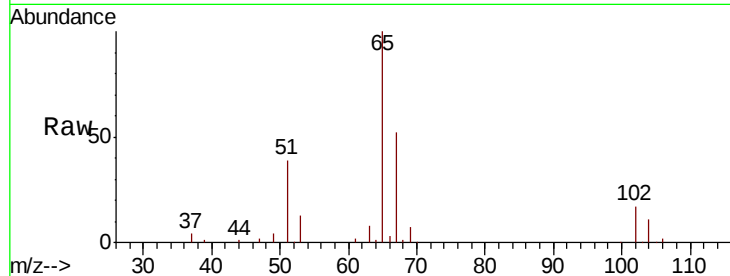




#33
 1,2-Dichloroethane-d4
 Concen: 52.247 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062428.D
 Acq: 9 Jul 2020 00:47

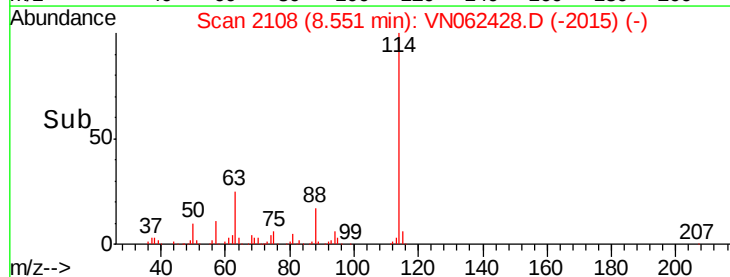
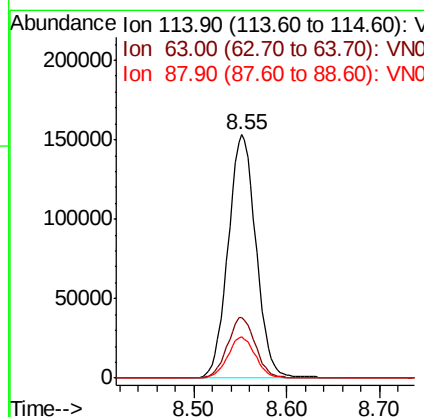
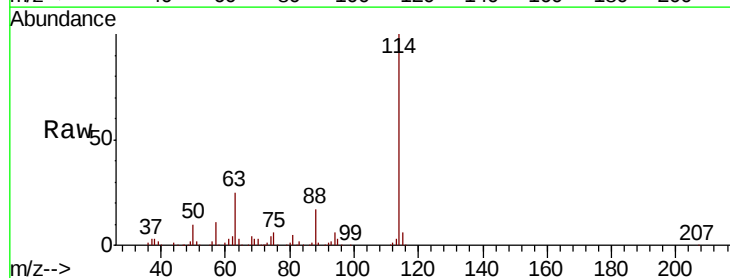
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13D

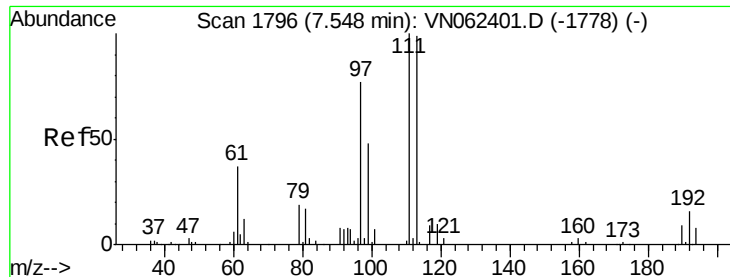
Tot Ion: 65 Resp: 142010
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062428.D
 Acq: 9 Jul 2020 00:47

Tgt Ion: 114 Resp: 319283
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 48.4
 88 16.8 0.0 33.8

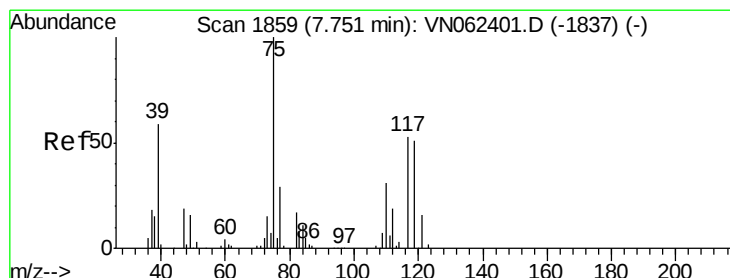
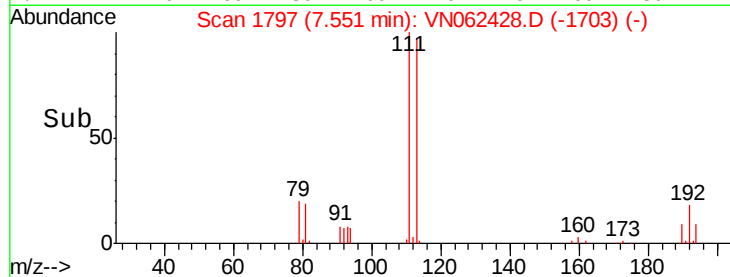
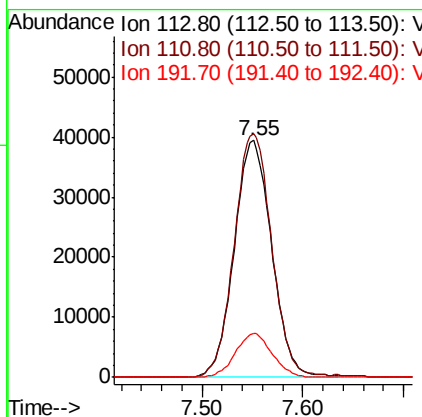
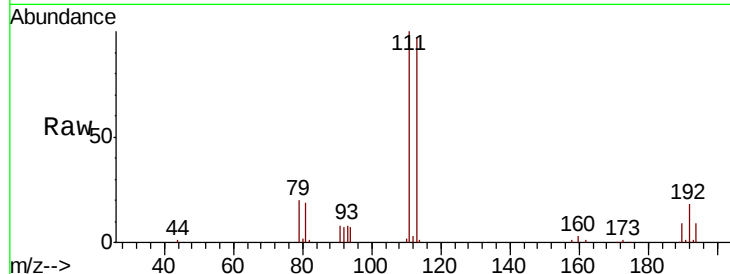




#35
 Dibromofluoromethane
 Concen: 51.529 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062428.D
 Acq: 9 Jul 2020 00:47

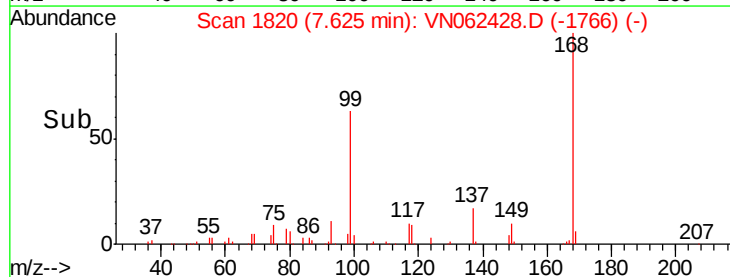
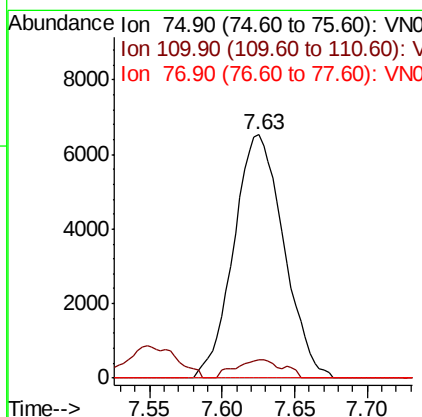
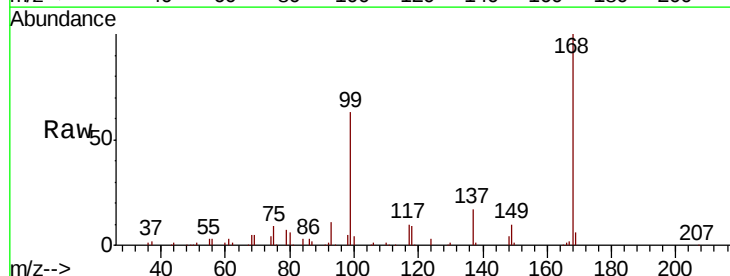
Instrument :
 MSVOA_N
 ClientSampled :
 MW-13D

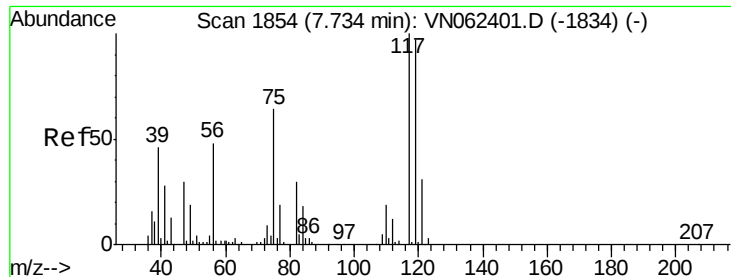
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	18.2	14.1	21.1



#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062428.D
 Acq: 9 Jul 2020 00:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.1	15.4	46.2#
77	0.0	24.1	36.1#





#38

Carbon Tetrachloride

Concen: 6.279 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062428.D

Acq: 9 Jul 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

MW-13D

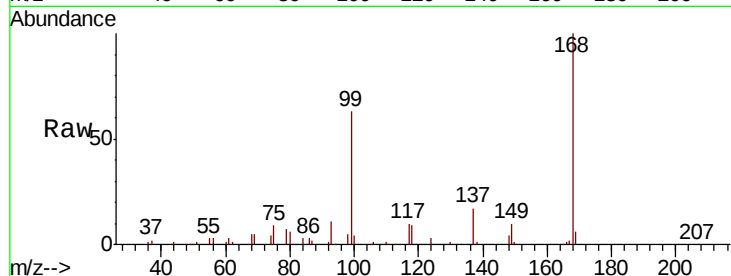
Tot Ion:117 Resp: 18160

Ion Ratio Lower Upper

117 100

119 4.9 77.2 115.8#

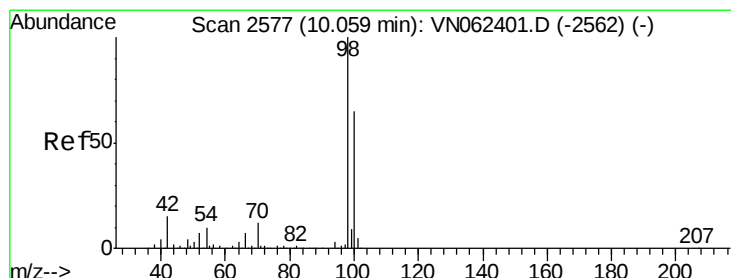
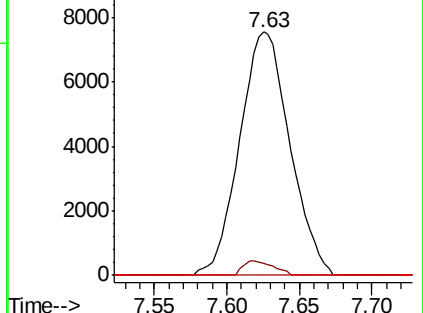
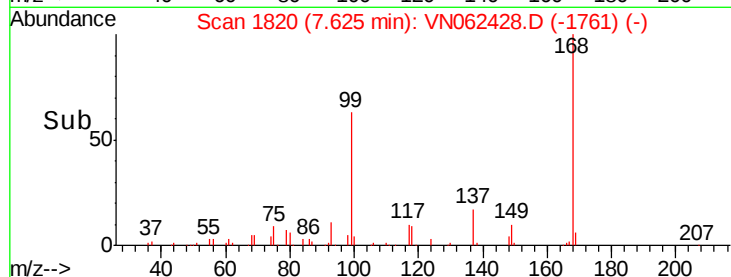
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.335 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062428.D

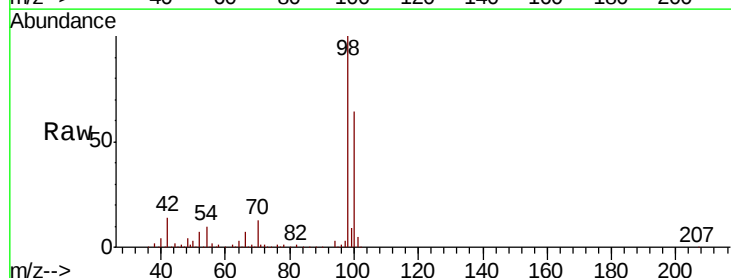
Acq: 9 Jul 2020 00:47

Tgt Ion: 98 Resp: 407749

Ion Ratio Lower Upper

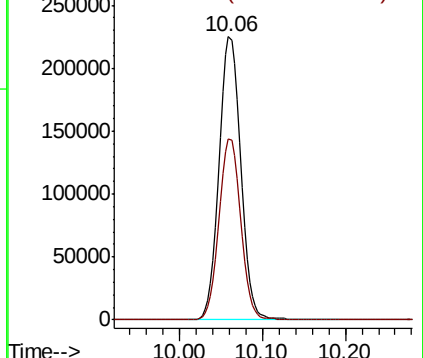
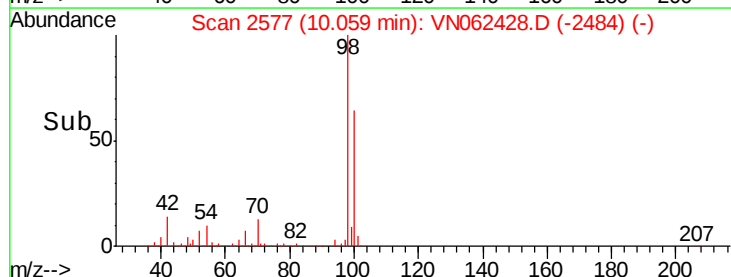
98 100

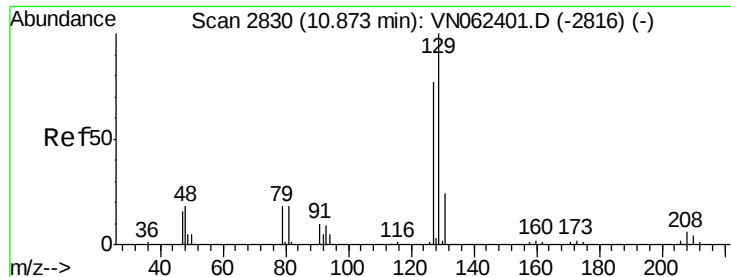
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#60

Dibromochloromethane

Concen: 0.672 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.27 min

Lab File: VN062428.D

Acq: 9 Jul 2020 00:47

Instrument :

MSVOA_N

ClientSampled :

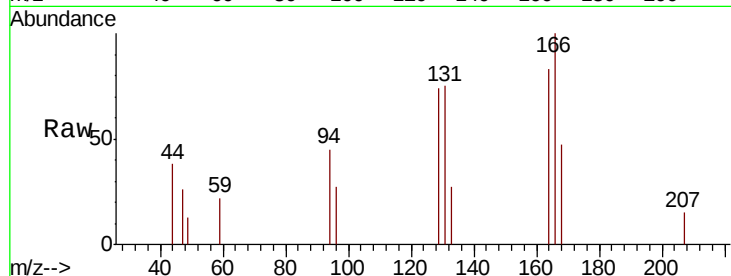
MW-13D

Tot Ion:129 Resp: 1570

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.60

800

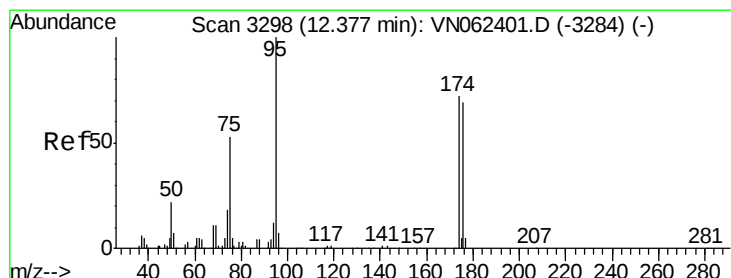
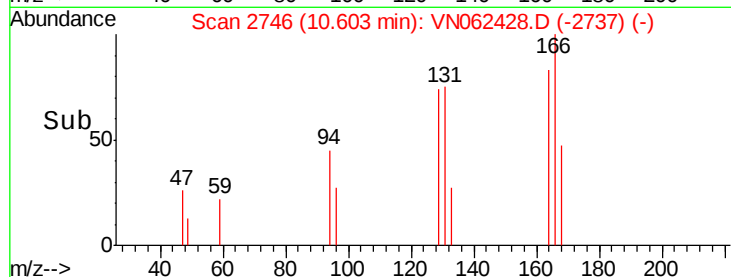
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.944 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062428.D

Acq: 9 Jul 2020 00:47

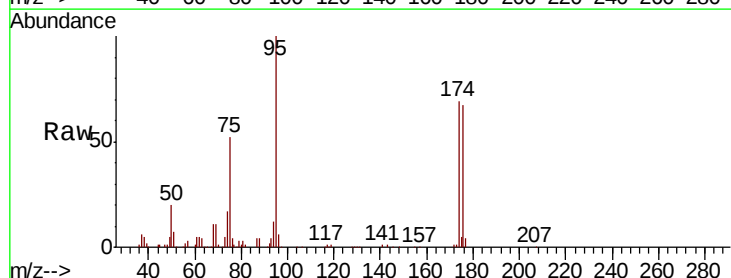
Tgt Ion: 95 Resp: 145044

Ion Ratio Lower Upper

95 100

174 71.0 0.0 141.6

176 68.0 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

100000

80000

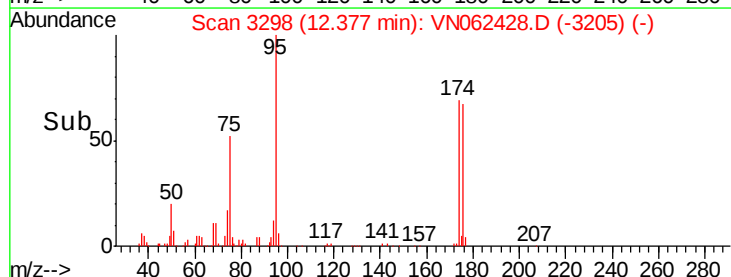
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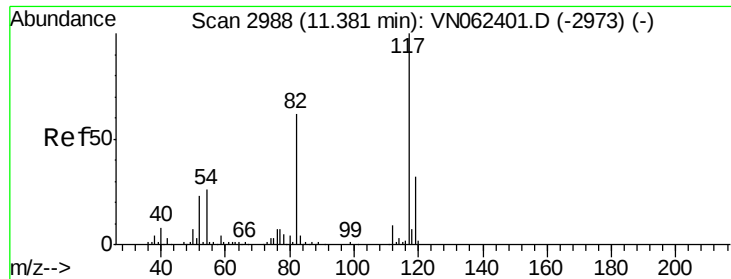
40000

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Time-->

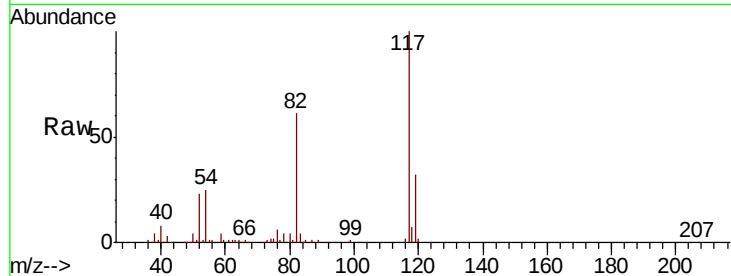




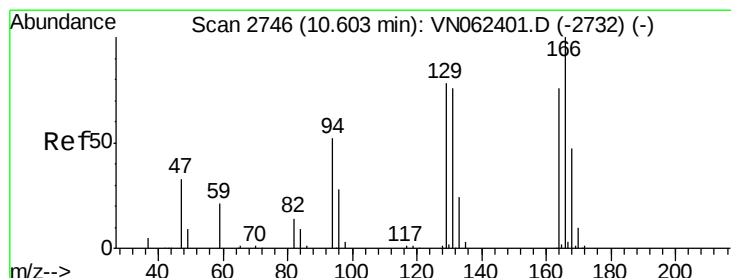
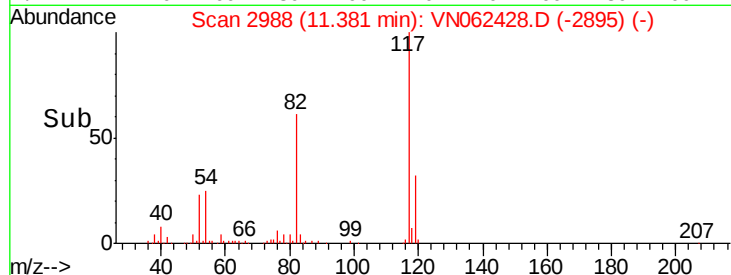
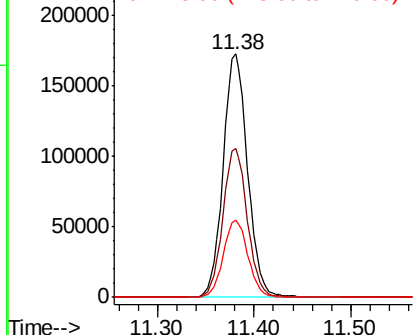
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062428.D
Acq: 9 Jul 2020 00:47

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Tot Ion:117 Resp: 301782
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 31.6 25.4 38.0

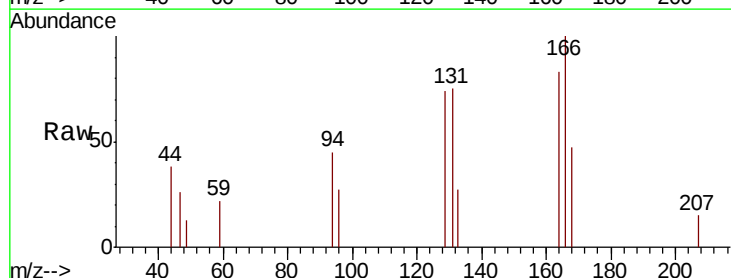


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

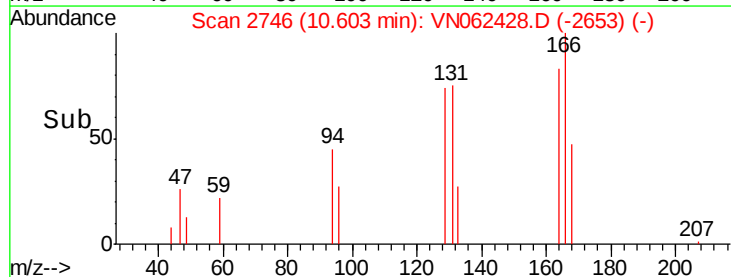
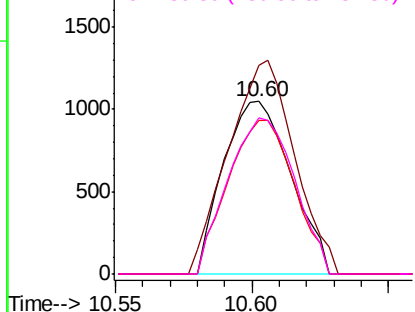


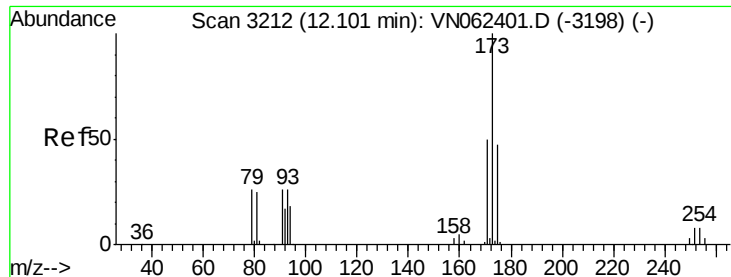
#64
Tetrachloroethene
Concen: 1.004 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062428.D
Acq: 9 Jul 2020 00:47

Tgt Ion:164 Resp: 1798
Ion Ratio Lower Upper
164 100
166 120.9 104.9 157.3
129 89.3 81.8 122.6
131 90.5 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





#71

Bromoform

Concen: 0.618 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN062428.D

Acq: 9 Jul 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

MW-13D

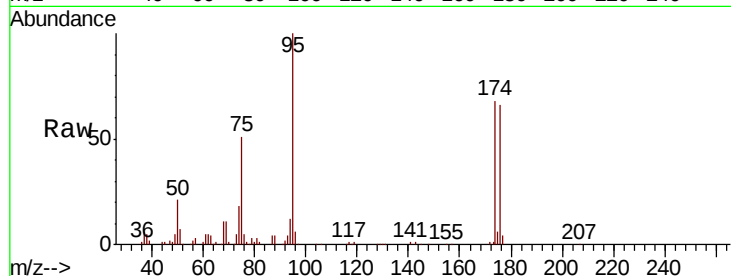
Tot Ion:173 Resp: 980

Ion Ratio Lower Upper

173 100

175 654.3 23.7 71.1#

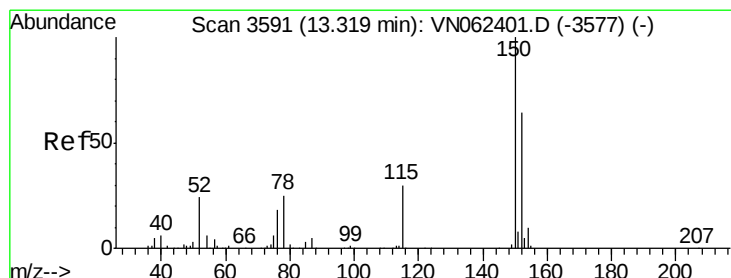
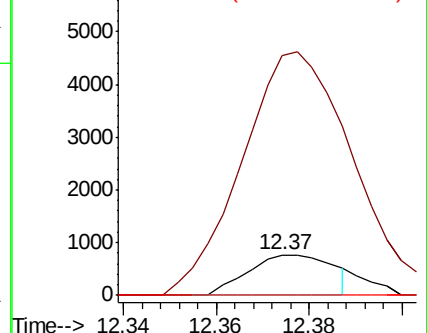
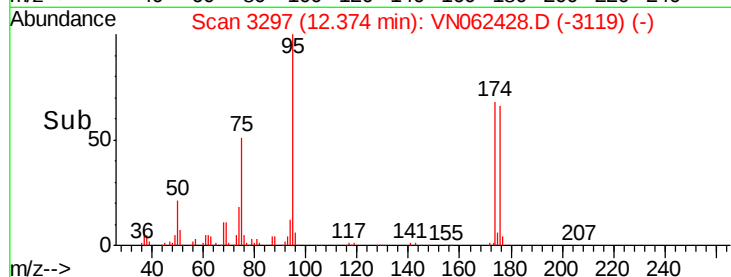
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062428.D

Acq: 9 Jul 2020 00:47

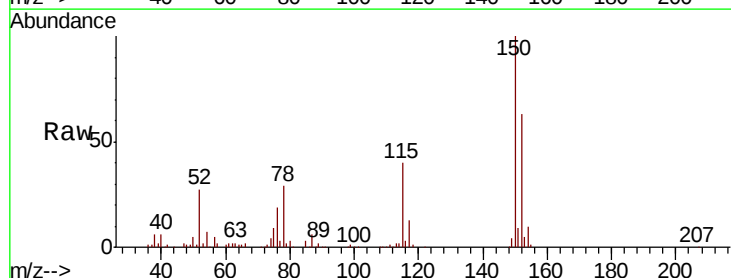
Tgt Ion:152 Resp: 106737

Ion Ratio Lower Upper

152 100

115 63.4 31.4 94.2

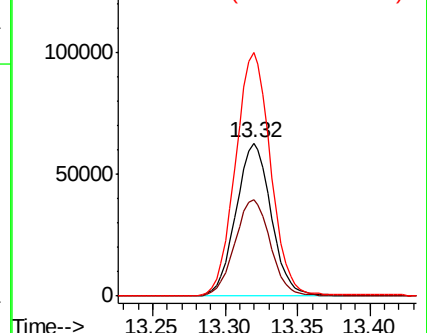
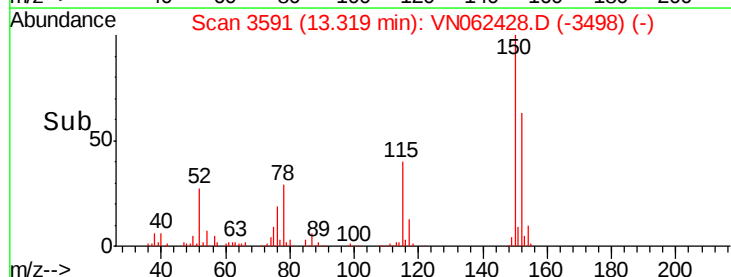
150 158.9 0.0 347.4

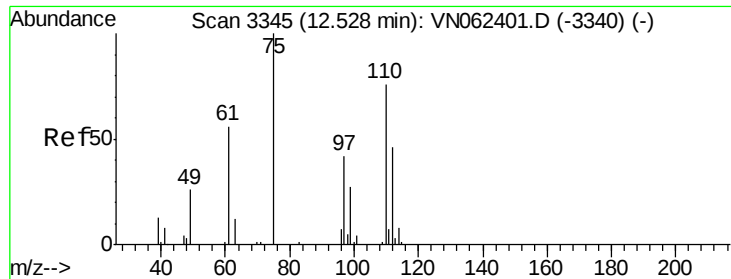


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.811 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062428.D

Acq: 9 Jul 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

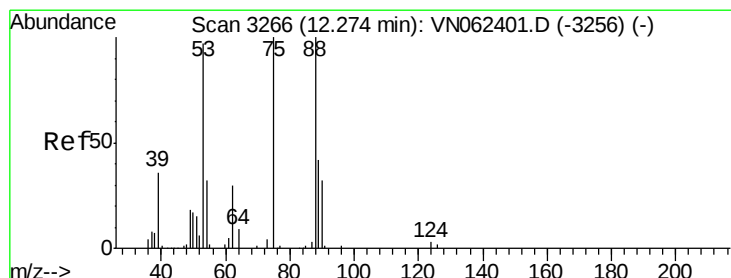
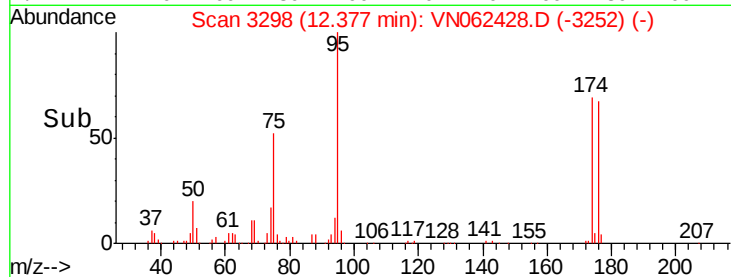
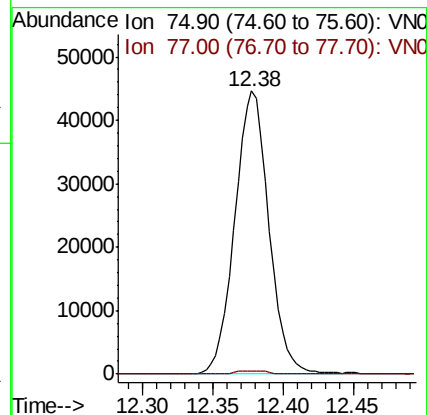
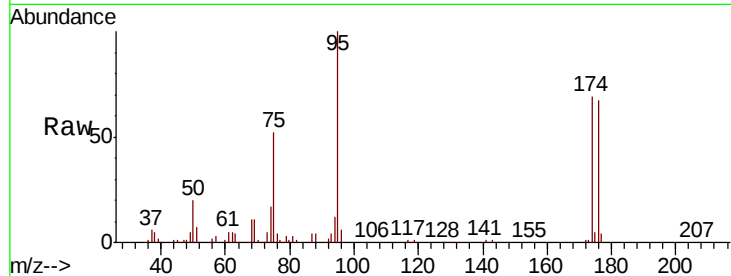
MW-13D

Tot Ion: 75 Resp: 75456

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.116 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062428.D

Acq: 9 Jul 2020 00:47

Tgt Ion: 75 Resp: 75456

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

89 0.0 34.6 52.0#

