

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063225.D
 Acq On : 3 Sep 2020 17:12
 Operator : JC/MD
 Sample : L3902-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184I-20200901

Quant Time: Sep 04 04:05:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	561340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	548480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	229780	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.55	113	176918	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	10.06	98	714702	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.38	95	244569	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

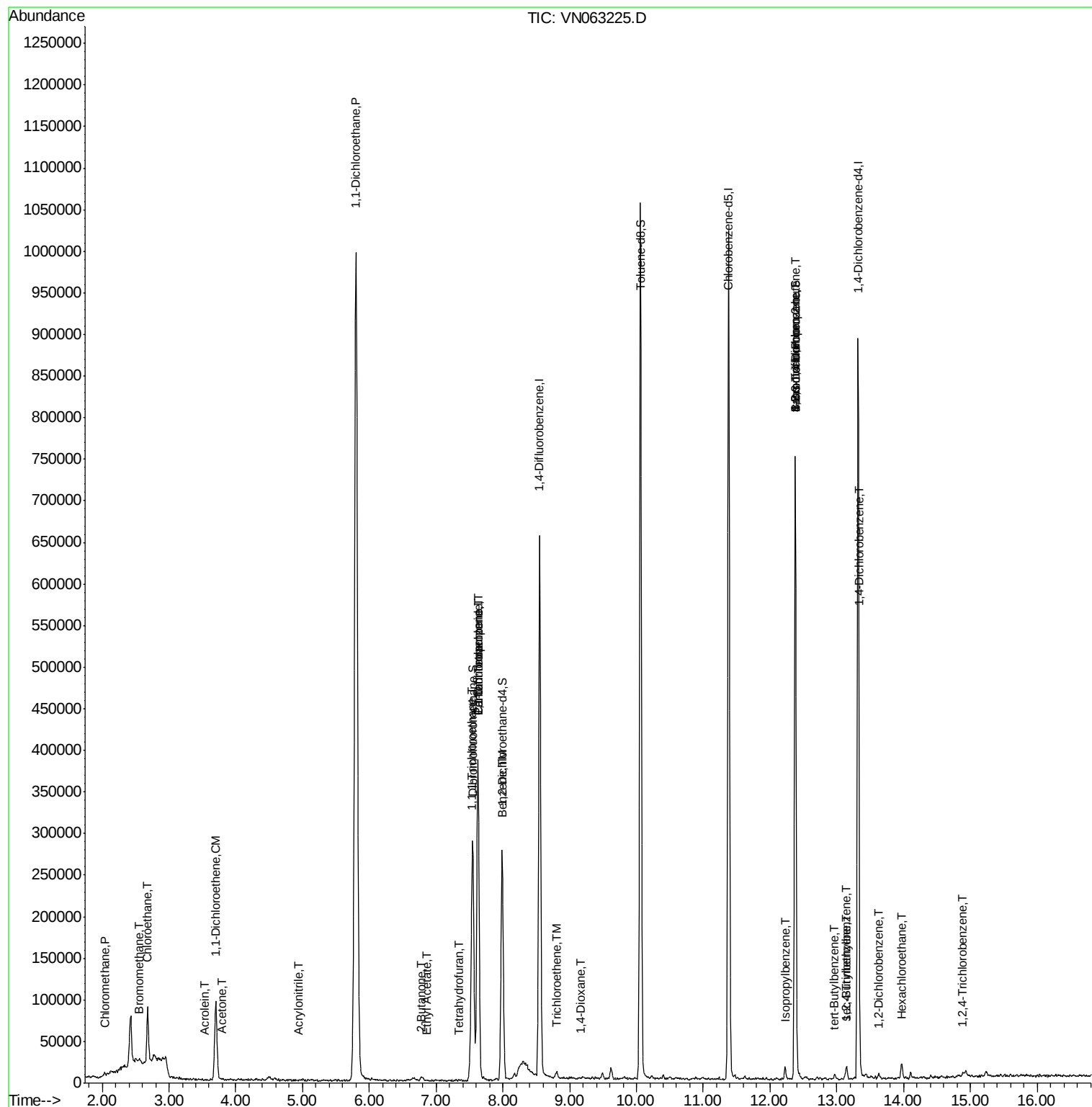
						Qvalue
3) Chloromethane	2.04	50	1933	0.476	ug/l	96
5) Bromomethane	2.54	94	1191	0.316	ug/l #	16
6) Chloroethane	2.68	64	54585	15.314	ug/l	92
7) Trichlorofluoromethane	2.92	101	66	Below Cal	#	19
12) 1,1-Dichloroethene	3.70	96	44579	14.357	ug/l	99
13) Acrolein	3.53	56	66	16.055	ug/l #	71
15) Acrylonitrile	4.94	53	214	2.537	ug/l #	27
16) Acetone	3.79	43	316	0.240	ug/l #	46
20) Methylene Chloride	4.51	84	237	Below Cal	#	33
24) 1,1-Dichloroethane	5.80	63	1479163	217.129	ug/l	99
25) 2-Butanone	6.78	43	651	0.320	ug/l #	50
29) Tetrahydrofuran	7.33	42	396	0.281	ug/l	92
31) Cyclohexane	7.63	56	9617	Below Cal	#	37
32) 1,1,1-Trichloroethane	7.53	97	66407	10.813	ug/l	99
36) 1,1-Dichloropropene	7.63	75	26637	4.936	ug/l #	51
37) Ethyl Acetate	6.87	43	333	0.445	ug/l #	72
38) Carbon Tetrachloride	7.63	117	32468	5.933	ug/l #	15
40) Benzene	8.00	78	7423	0.468	ug/l	94
44) Trichloroethene	8.80	130	1917	0.498	ug/l	93
49) 1,4-Dioxane	9.17	88	61	0.994	ug/l #	1
71) Bromoform	12.38	173	2426	0.872	ug/l #	1
73) Isopropylbenzene	12.23	105	10176	0.618	ug/l	90
76) 1,2,3-Trichloropropane	12.38	75	142120	33.718	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	142120	81.496	ug/l #	10
83) tert-Butylbenzene	12.97	119	2525	0.215	ug/l	98
84) 1,2,4-Trimethylbenzene	13.15	105	9545	0.691	ug/l #	31
85) sec-Butylbenzene	13.15	105	9545	0.624	ug/l	94
88) 1,4-Dichlorobenzene	13.34	146	3878	0.548	ug/l #	51
90) Hexachloroethane	13.97	117	10522	4.182	ug/l #	20
91) 1,2-Dichlorobenzene	13.63	146	2099	0.316	ug/l	93
93) 1,2,4-Trichlorobenzene	14.88	180	896	0.242	ug/l	87

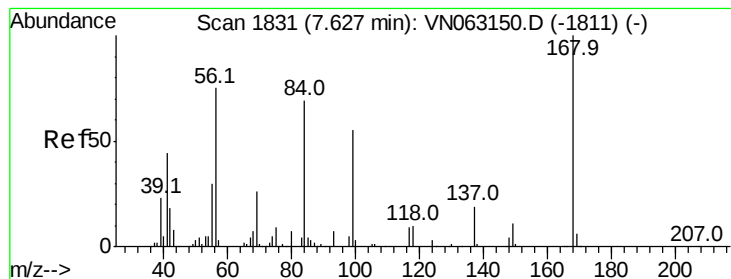
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063225.D

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MSVOA_N

ClientSampleId :

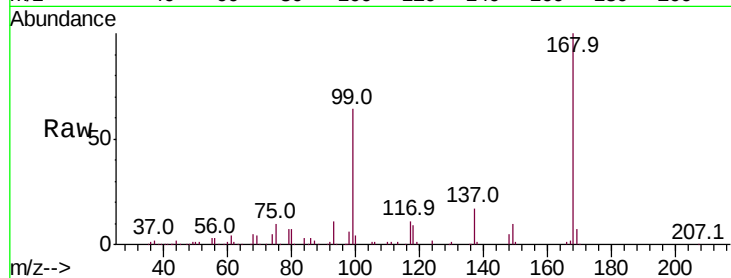
SA-MW184I-20200901

Tot Ion:168 Resp: 283001

Ion Ratio Lower Upper

168 100

99 63.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

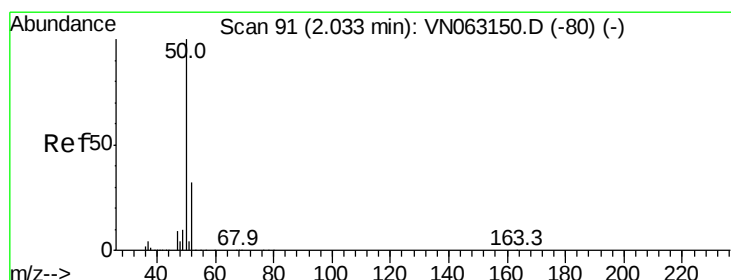
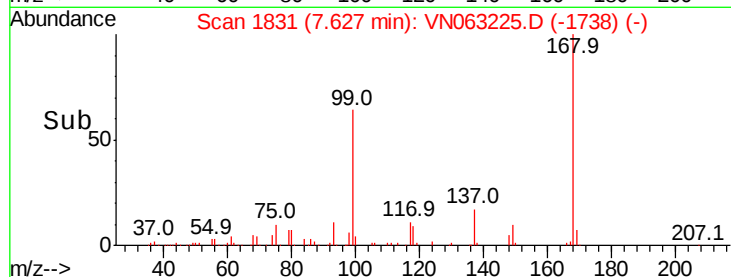
100000

50000

0

Time-->

7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: 0.476 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063225.D

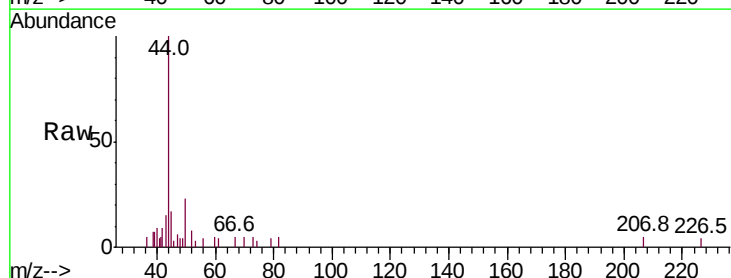
Acq: 3 Sep 2020 17:12

Tgt Ion: 50 Resp: 1933

Ion Ratio Lower Upper

50 100

52 34.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

1200

1000

800

600

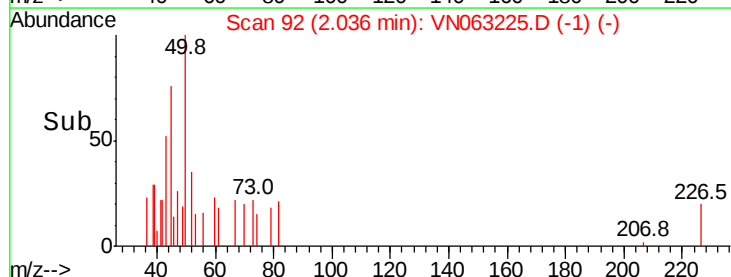
400

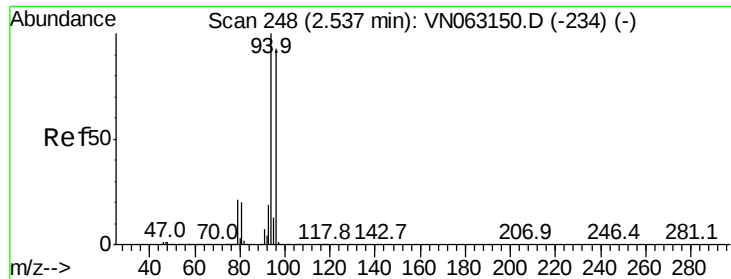
200

0

Time-->

2.00 2.05

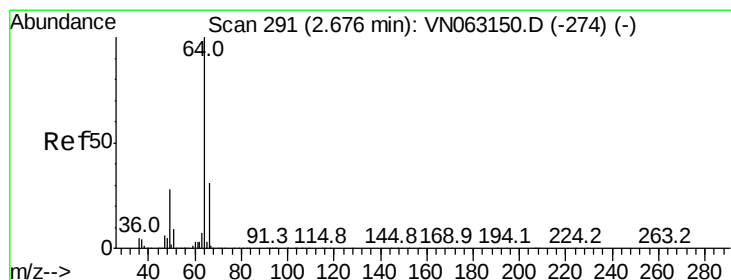
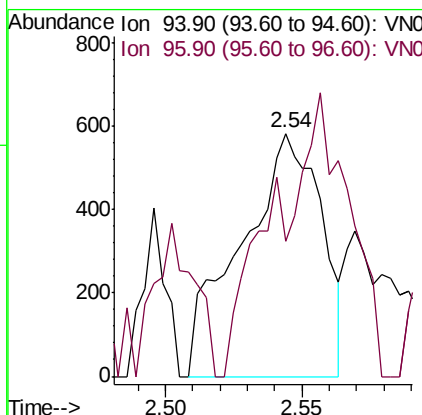
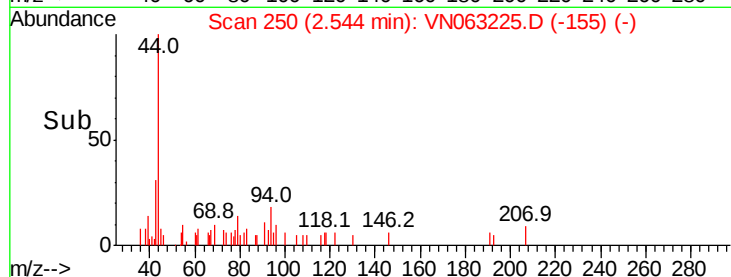
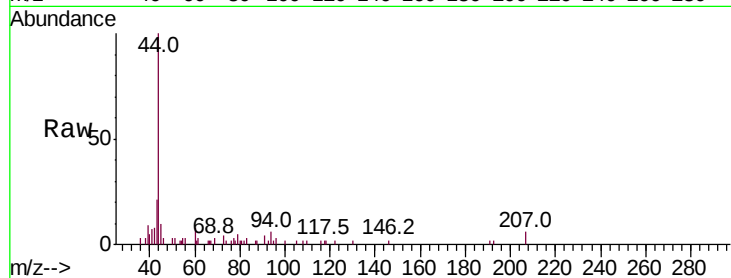




#5
Bromomethane
Concen: 0.316 ug/l
RT: 2.54 min Scan# 250
Delta R.T. 0.01 min
Lab File: VN063225.D
Acq: 3 Sep 2020 17:12

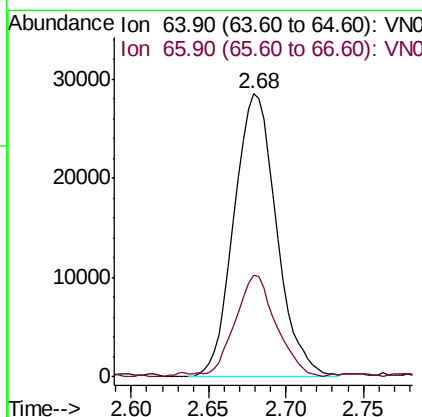
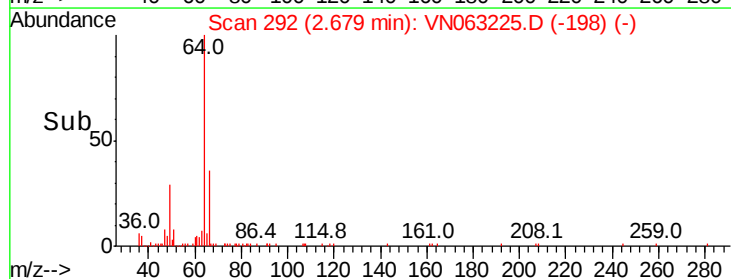
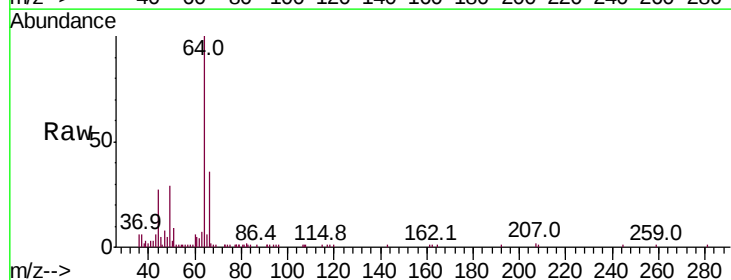
Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901

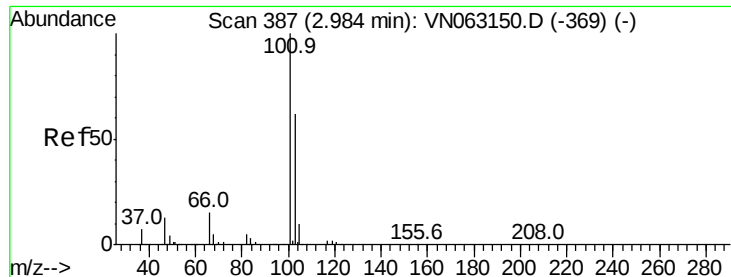
Tot Ion: 94 Resp: 1191
Ion Ratio Lower Upper
94 100
96 12.5 74.4 111.6#



#6
Chloroethane
Concen: 15.314 ug/l
RT: 2.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN063225.D
Acq: 3 Sep 2020 17:12

Tgt Ion: 64 Resp: 54585
Ion Ratio Lower Upper
64 100
66 35.2 24.7 37.1





#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.92 min Scan# 368

Delta R.T. -0.06 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

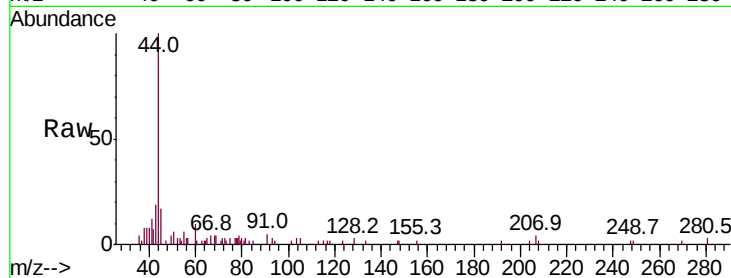
SA-MW184I-20200901

Tot Ion:101 Resp: 66

Ion Ratio Lower Upper

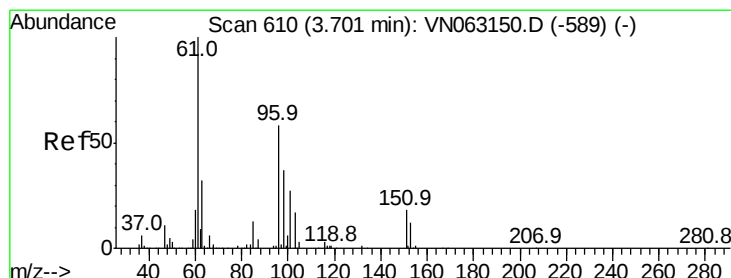
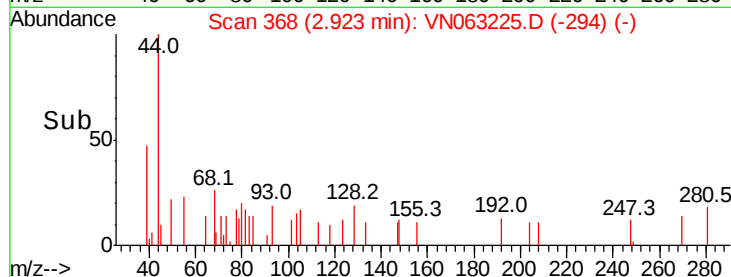
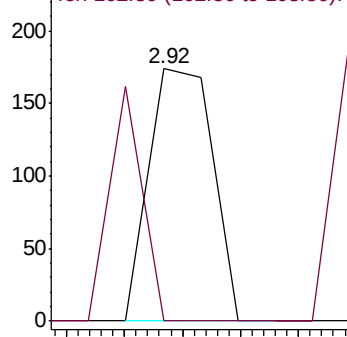
101 100

103 0.0 49.7 74.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#12

1,1-Dichloroethene

Concen: 14.357 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

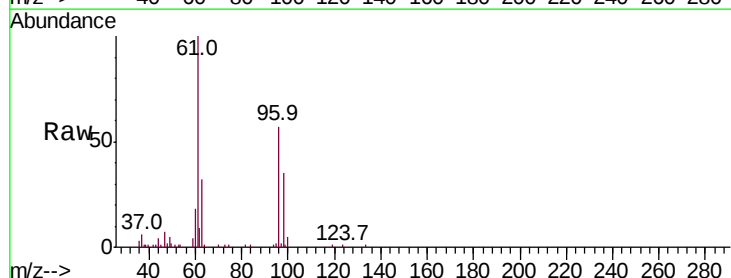
Tgt Ion: 96 Resp: 44579

Ion Ratio Lower Upper

96 100

61 173.0 137.4 206.2

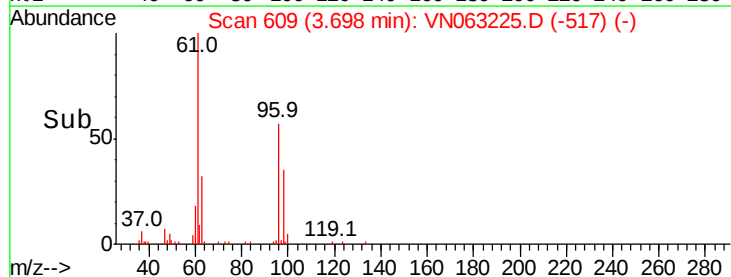
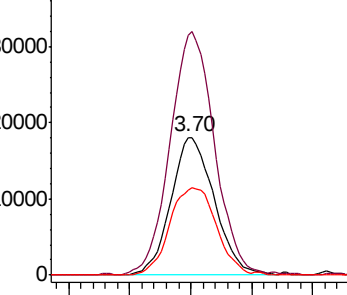
98 61.6 50.5 75.7

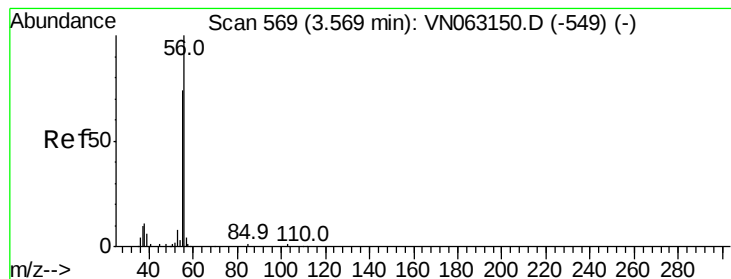


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#13

Acrolein

Concen: 16.055 ug/l

RT: 3.53 min Scan# 557

Delta R.T. -0.04 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

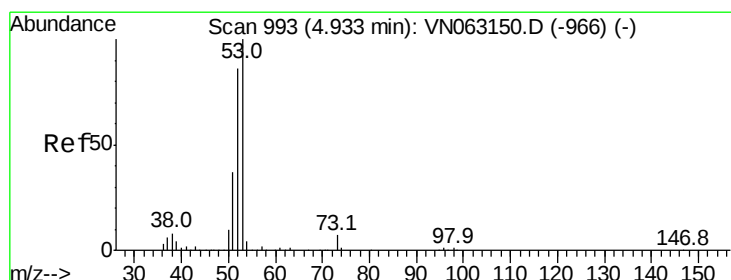
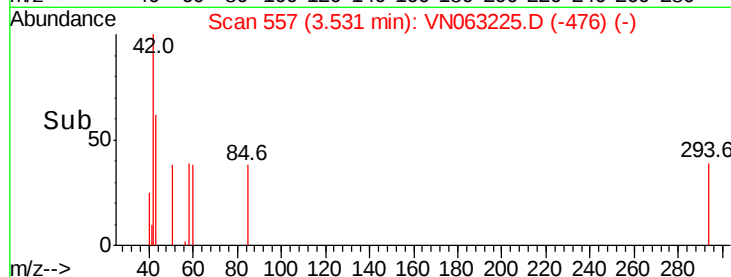
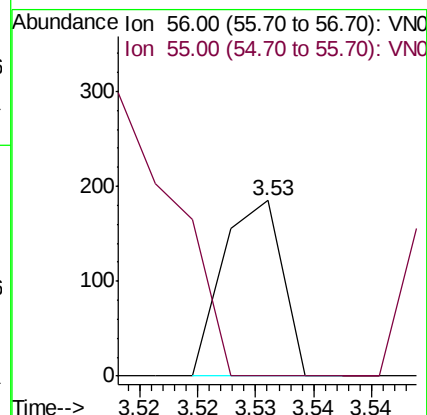
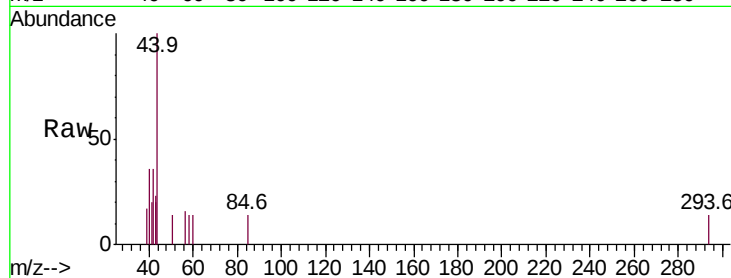
SA-MW184I-20200901

Tot Ion: 56 Resp: 66

Ion Ratio Lower Upper

56 100

55 45.5 55.4 83.0#



#15

Acrylonitrile

Concen: 2.537 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

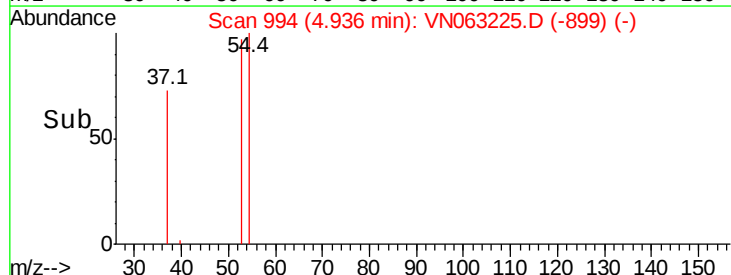
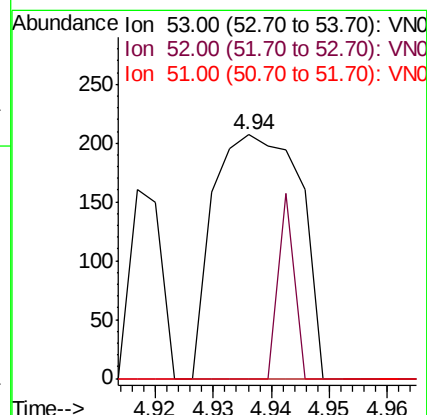
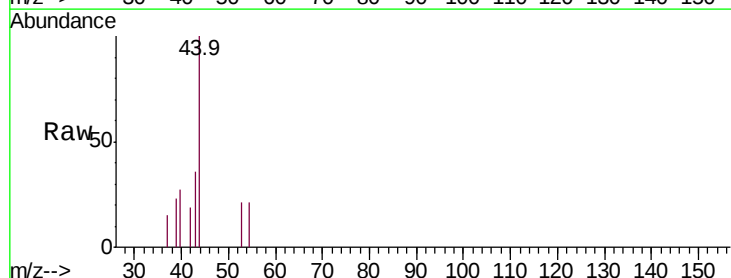
Tgt Ion: 53 Resp: 214

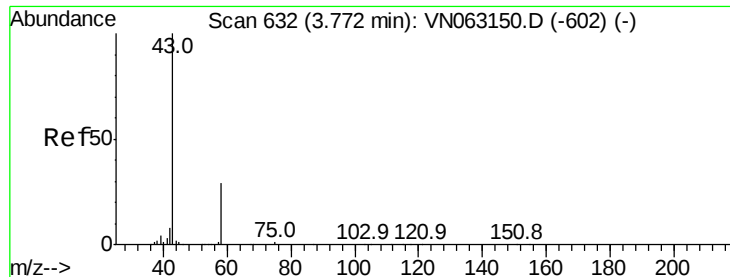
Ion Ratio Lower Upper

53 100

52 14.0 67.2 100.8#

51 0.0 30.2 45.4#





#16

Acetone

Concen: 0.240 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

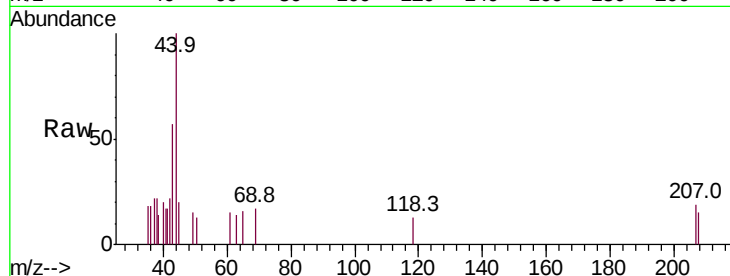
SA-MW184I-20200901

Tot Ion: 43 Resp: 316

Ion Ratio Lower Upper

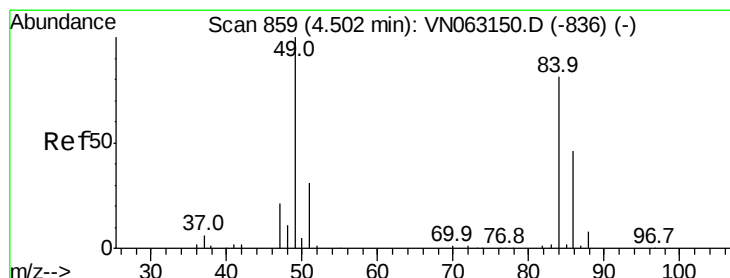
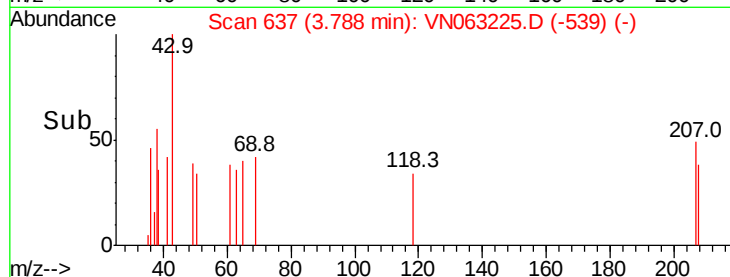
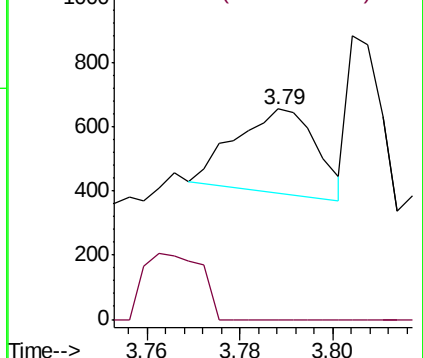
43 100

58 0.0 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.51 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Tgt Ion: 84 Resp: 237

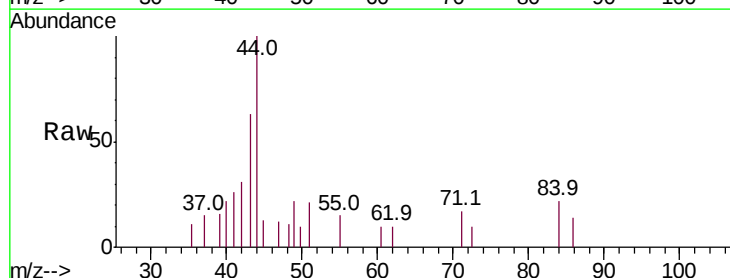
Ion Ratio Lower Upper

84 100

49 16.8 98.4 147.6#

51 37.9 30.4 45.6

86 17.9 45.7 68.5#

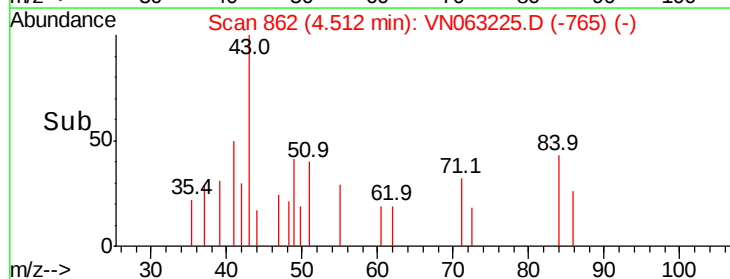
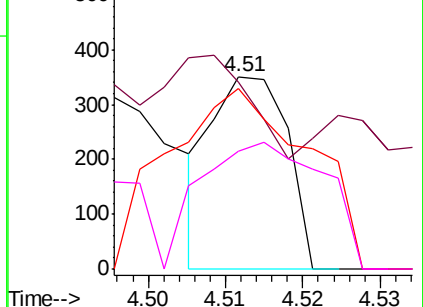


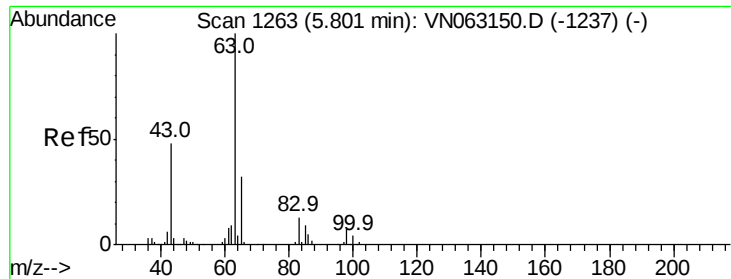
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#24

1,1-Dichloroethane

Concen: 217.129 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063225.D

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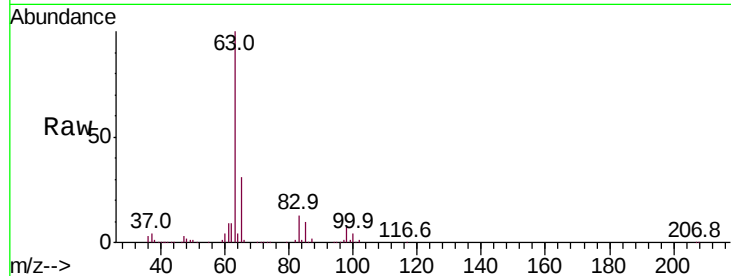
Tot Ion: 63 Resp: 1479163

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

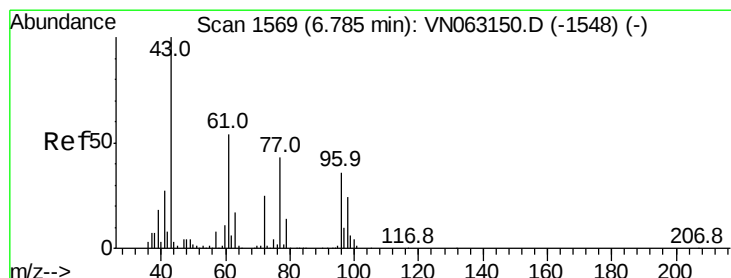
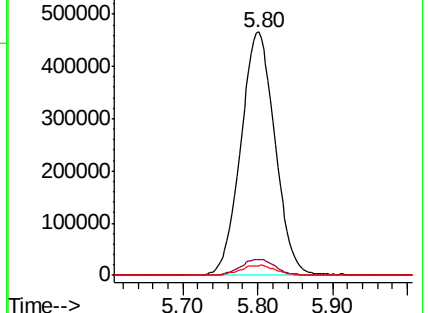
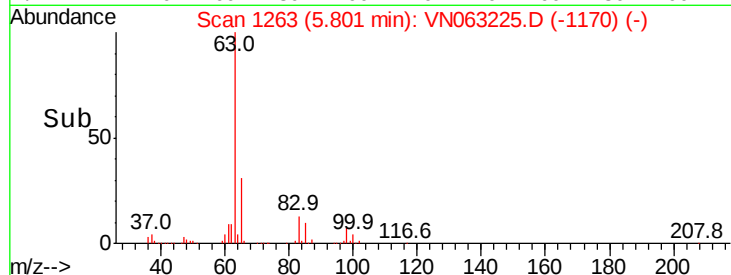
100 4.0 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



#25

2-Butanone

Concen: 0.320 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063225.D

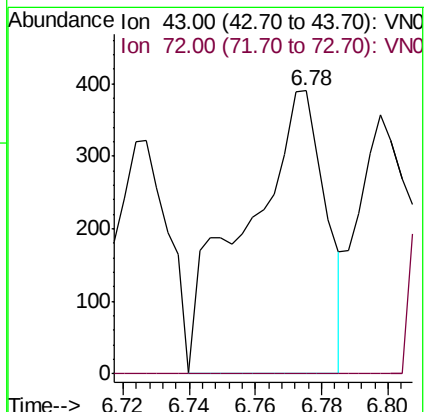
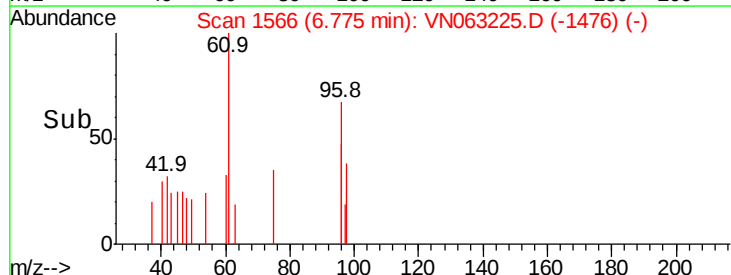
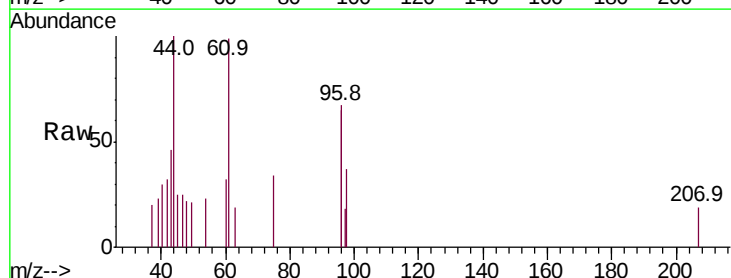
Acq: 3 Sep 2020 17:12

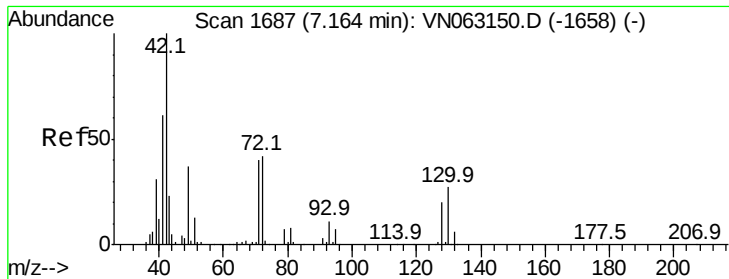
Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.4#





#29

Tetrahydrofuran

Concen: 0.281 ug/l

RT: 7.33 min Scan# 1740

Delta R.T. 0.17 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

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SA-MW184I-20200901

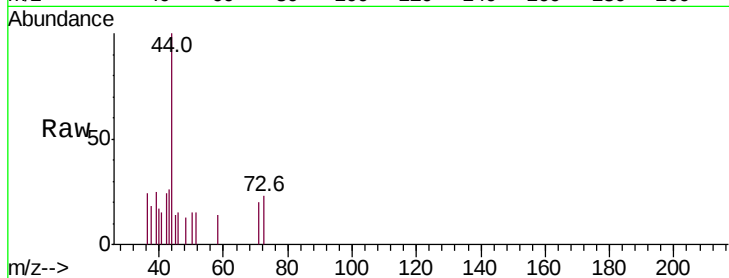
Tot Ion: 42 Resp: 396

Ion Ratio Lower Upper

42 100

72 47.5 33.9 50.9

71 44.7 31.9 47.9

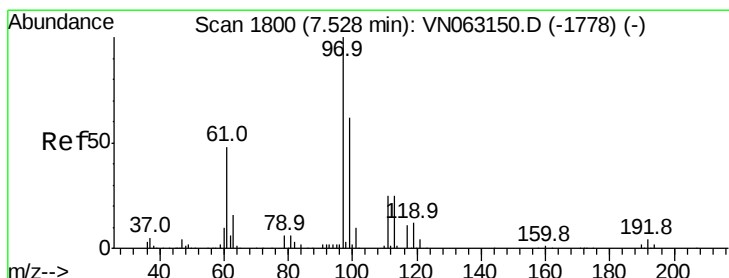
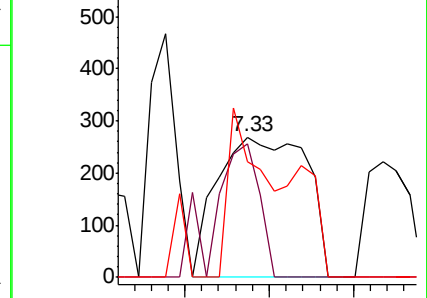
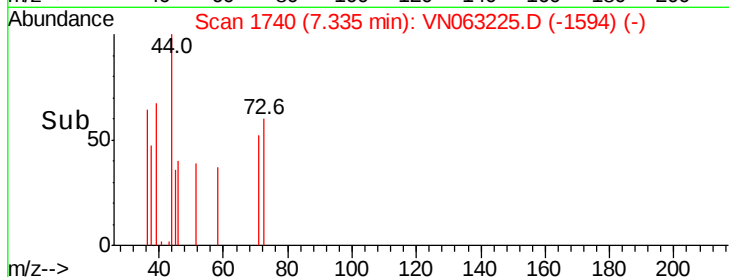


Abundance Ion 42.00 (41.70 to 42.70): VN063225.D (-1740) (-)

Ion 72.00 (71.70 to 72.70): VN063225.D (-1740) (-)

Ion 71.00 (70.70 to 71.70): VN063225.D (-1740) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 10.813 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

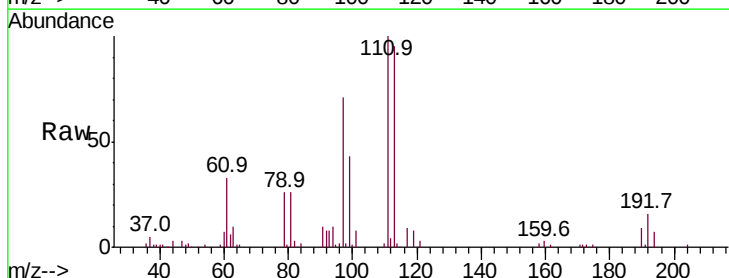
Tgt Ion: 97 Resp: 66407

Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 46.0 37.4 56.2

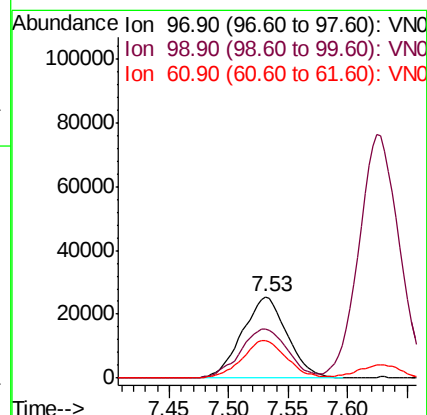
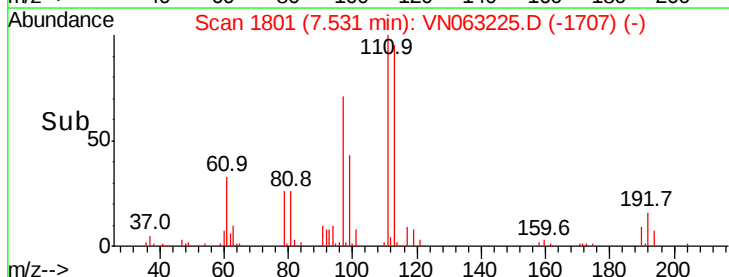


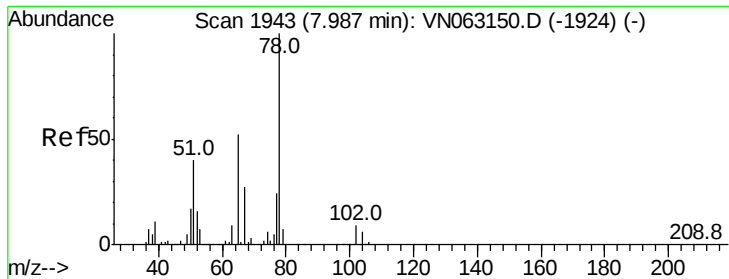
Abundance Ion 96.90 (96.60 to 97.60): VN063225.D (-1800) (-)

Ion 98.90 (98.60 to 99.60): VN063225.D (-1800) (-)

Ion 60.90 (60.60 to 61.60): VN063225.D (-1800) (-)

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.669 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

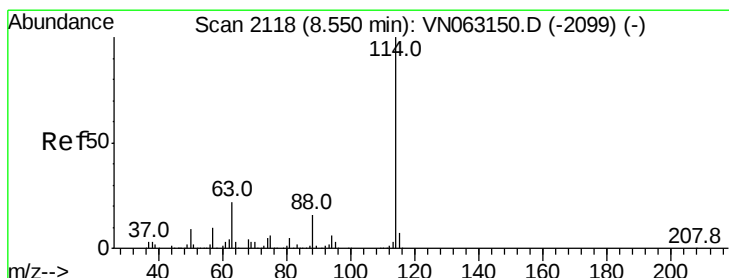
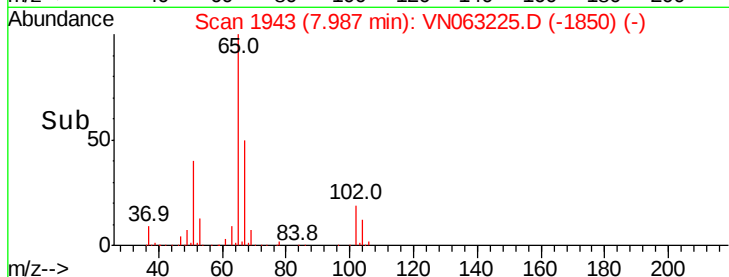
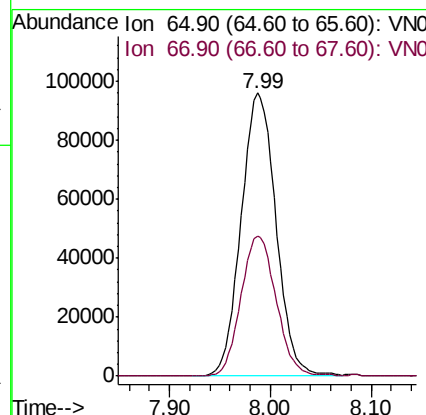
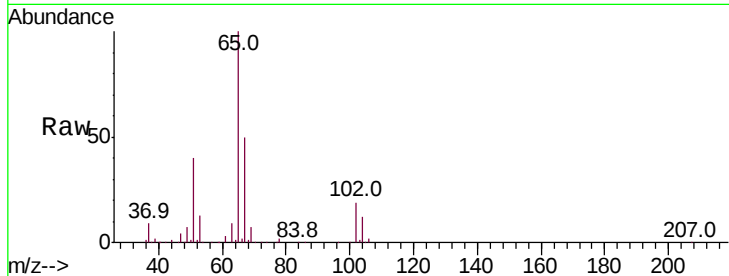
Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901

Tot Ion: 65 Resp: 229780

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

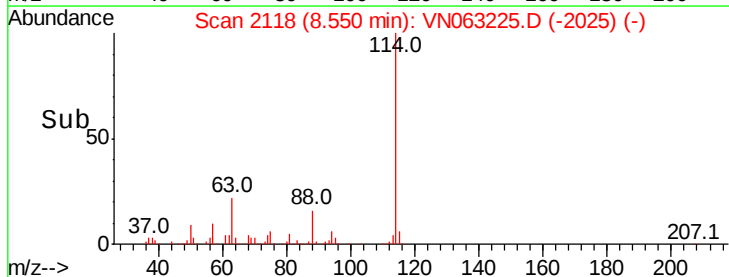
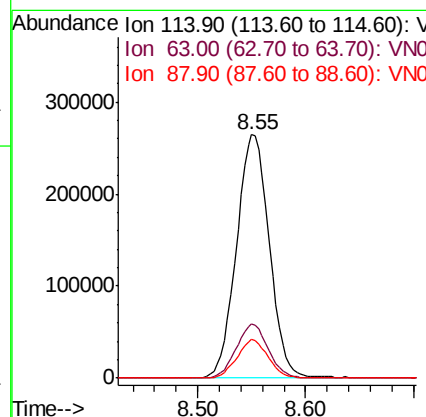
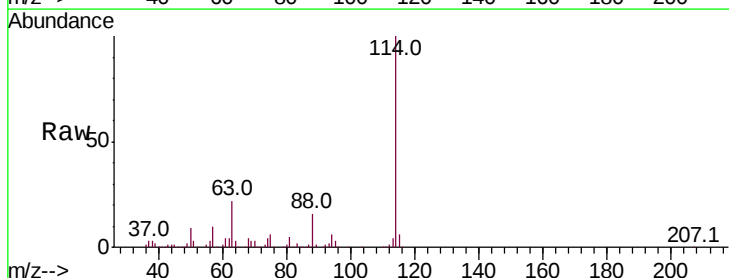
Delta R.T. 0.00 min

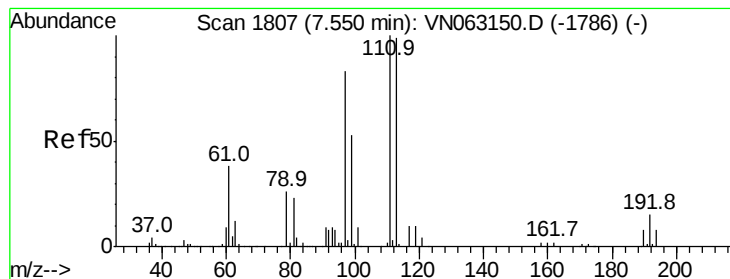
Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Tgt Ion: 114 Resp: 561340

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.0
88	15.7	0.0	31.6





#35

Dibromofluoromethane

Concen: 49.126 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20200901

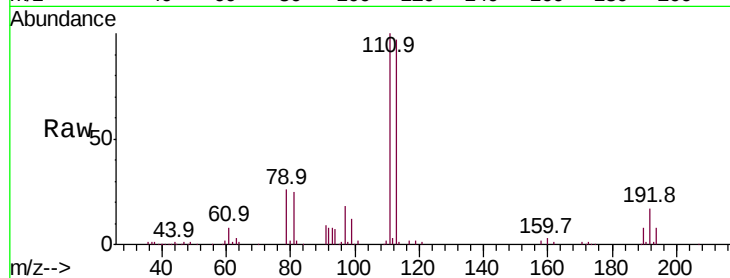
Tot Ion:113 Resp: 176918

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

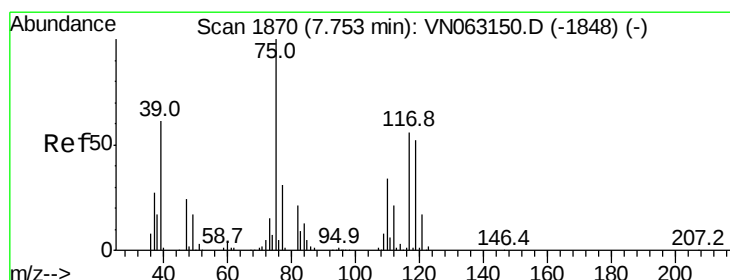
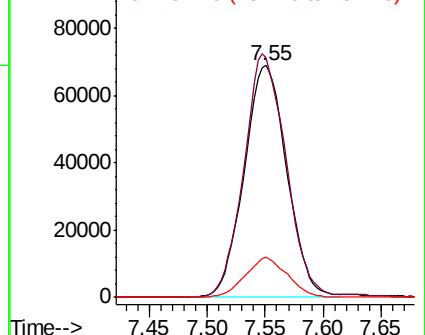
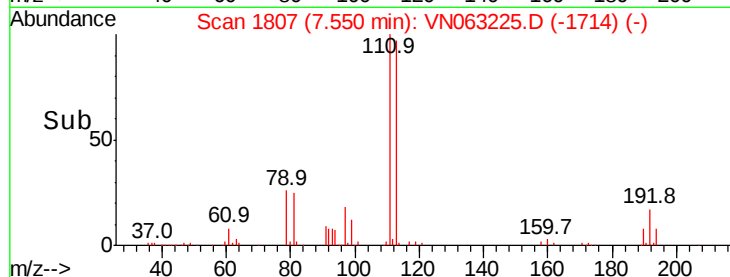
192 16.9 12.6 19.0



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



#36

1,1-Dichloropropene

Concen: 4.936 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

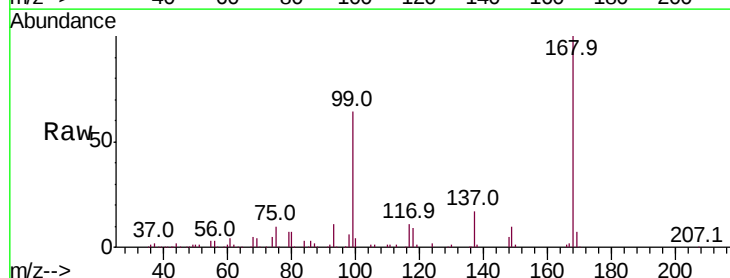
Tgt Ion: 75 Resp: 26637

Ion Ratio Lower Upper

75 100

110 9.8 16.6 49.8#

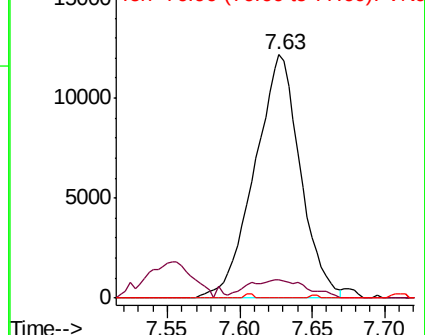
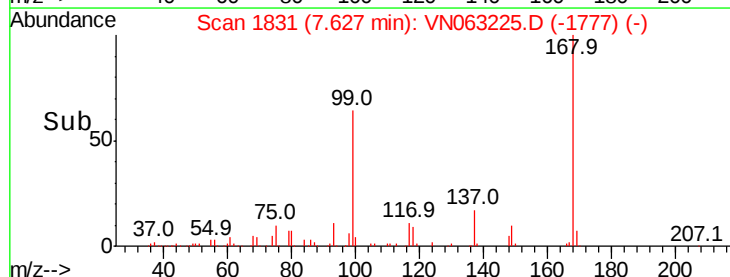
77 0.3 25.4 38.2#

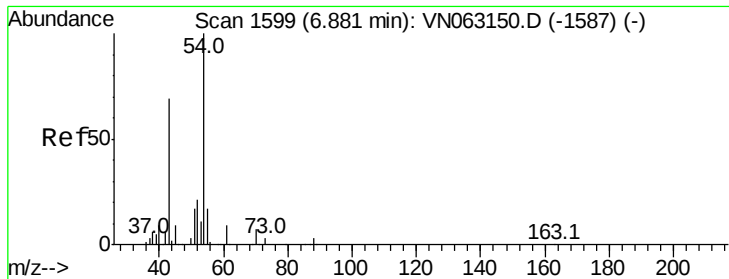


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

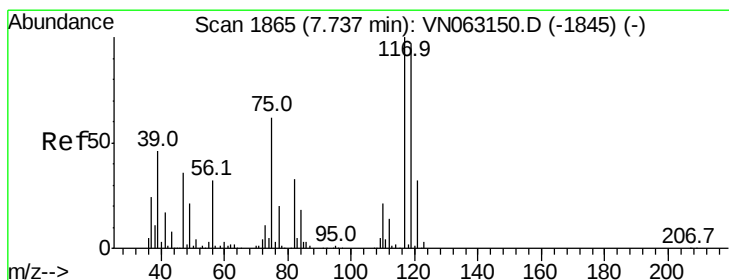
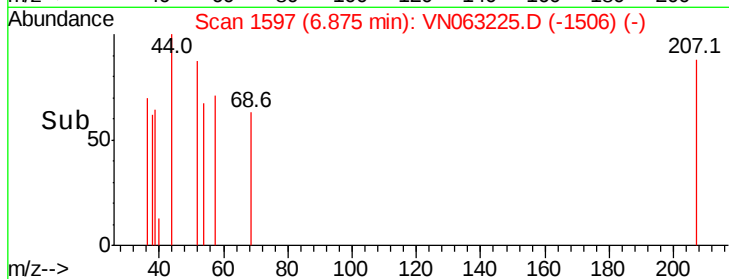
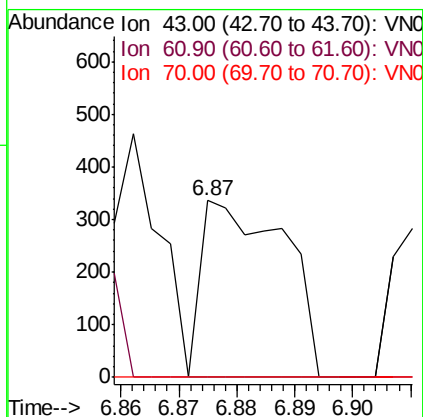
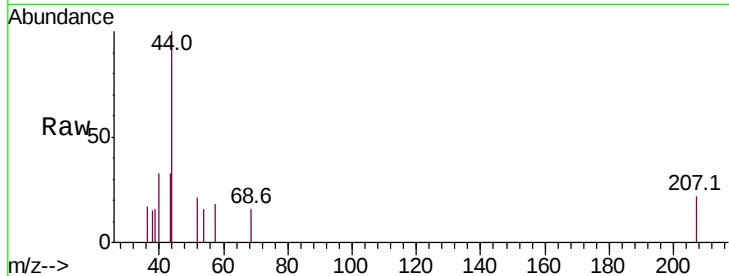




#37
Ethyl Acetate
Concen: 0.445 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063225.D
Acq: 3 Sep 2020 17:12

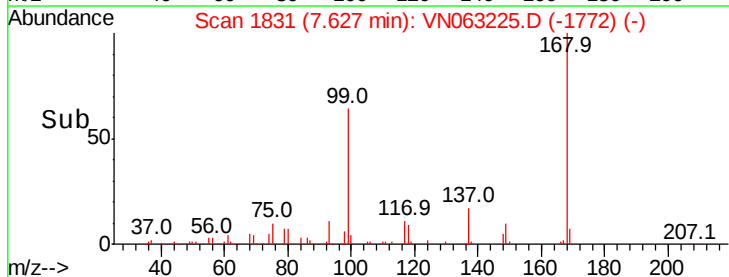
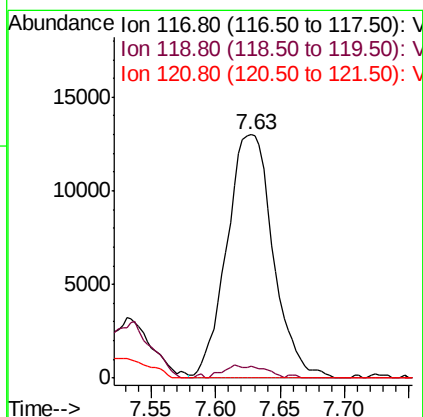
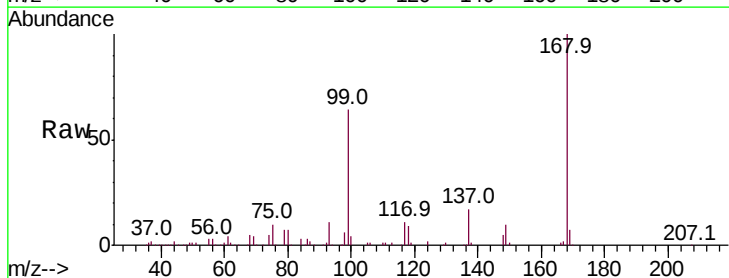
Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901

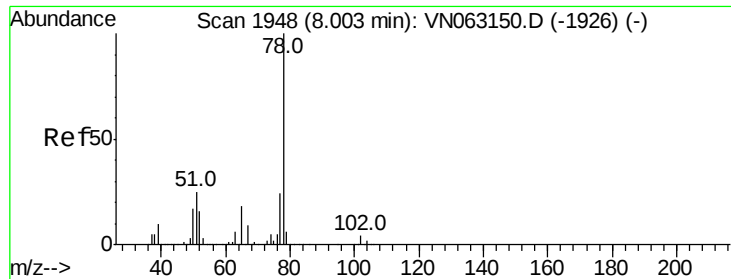
Tot Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 5.933 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063225.D
Acq: 3 Sep 2020 17:12

Tgt Ion: 117 Resp: 32468
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.6 38.4#





#40

Benzene

Concen: 0.468 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

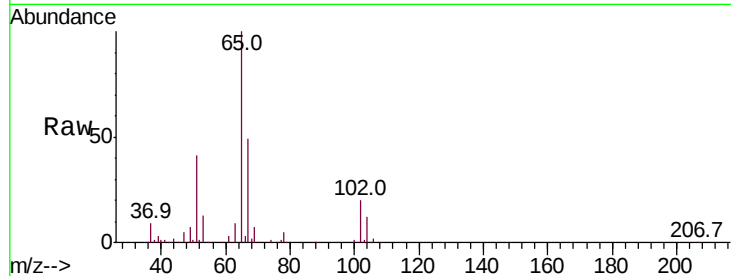
SA-MW184I-20200901

Tot Ion: 78 Resp: 7423

Ion Ratio Lower Upper

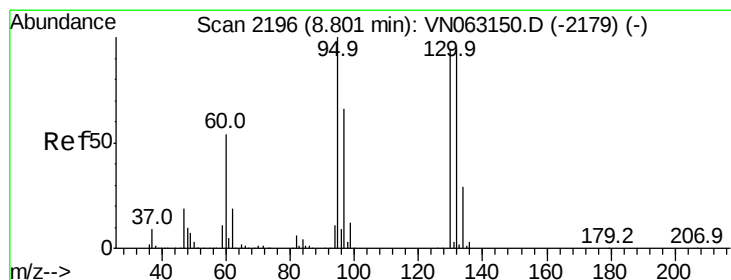
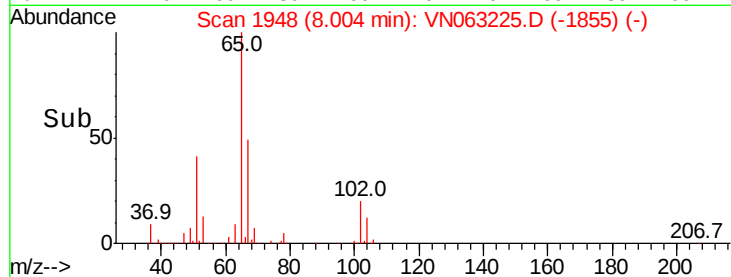
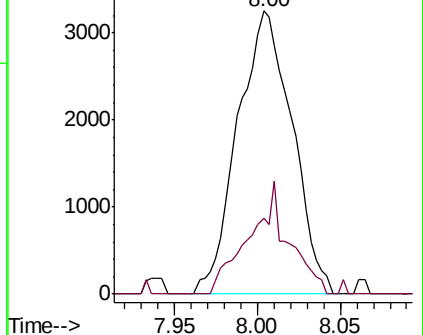
78 100

77 26.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN063150.D (-1926) (-)

Ion 77.00 (76.70 to 77.70): VN063150.D (-1926) (-)



#44

Trichloroethene

Concen: 0.498 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063225.D

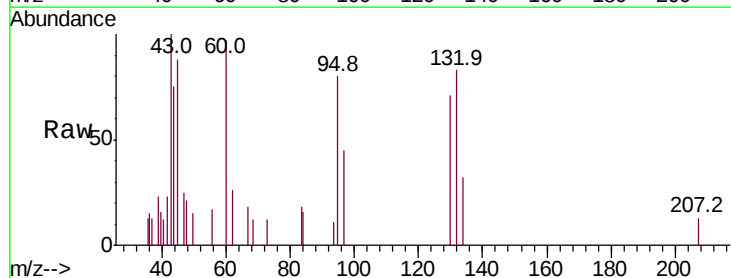
Acq: 3 Sep 2020 17:12

Tgt Ion:130 Resp: 1917

Ion Ratio Lower Upper

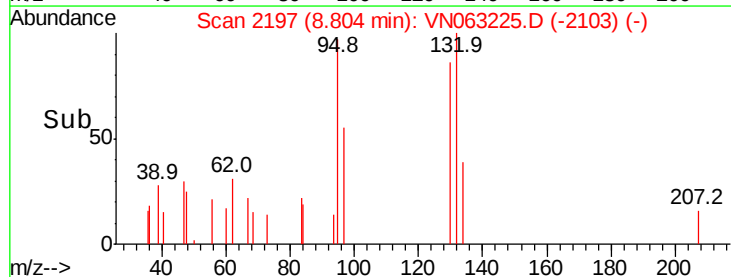
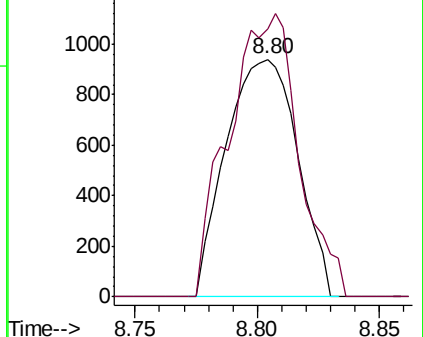
130 100

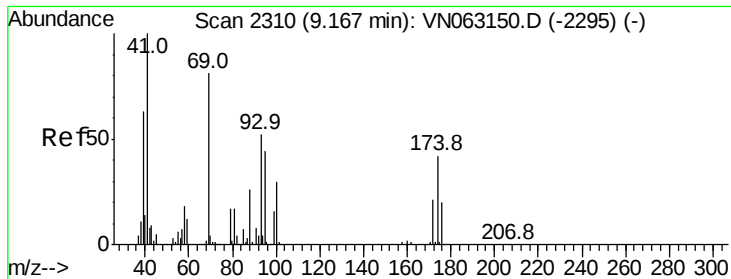
95 113.0 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063150.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063150.D (-2179) (-)





#49

1,4-Dioxane

Concen: 0.994 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20200901

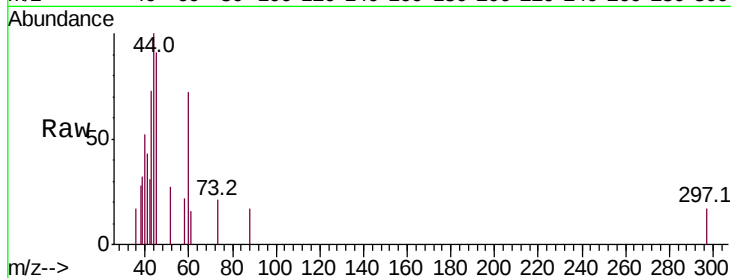
Tot Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 496.7 28.6 42.8#

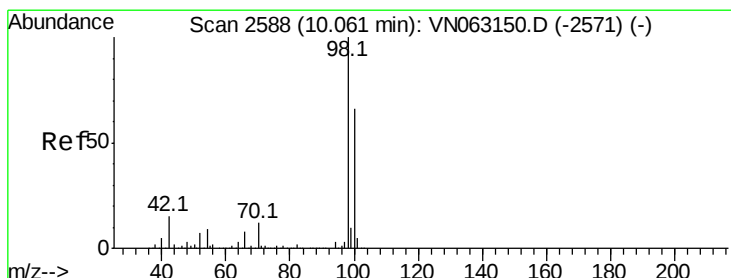
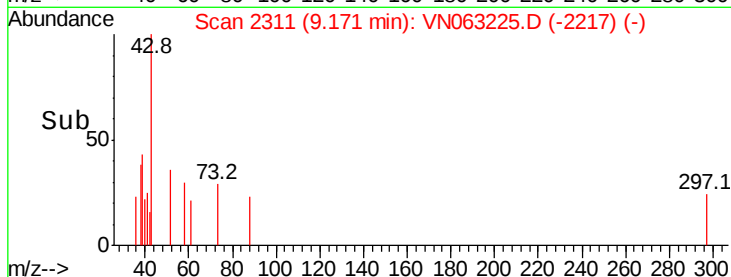
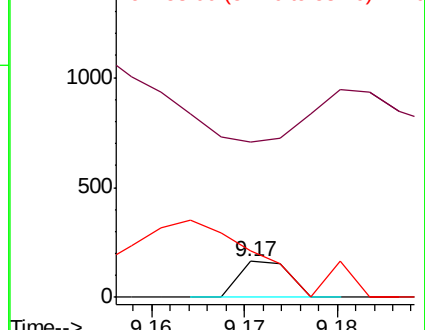
58 598.4 53.2 79.8#



Abundance Ion 88.00 (87.70 to 88.70): VN063225.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN063225.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN063225.D (-2217) (-)



#50

Toluene-d8

Concen: 51.561 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063225.D

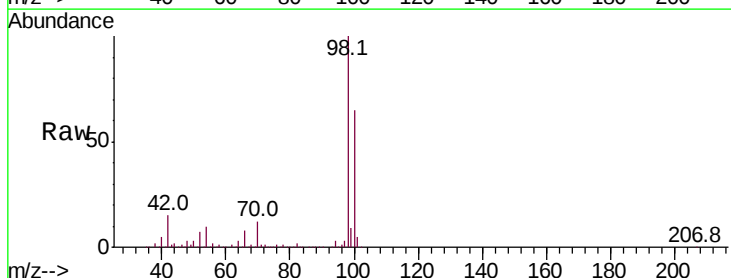
Acq: 3 Sep 2020 17:12

Tgt Ion: 98 Resp: 714702

Ion Ratio Lower Upper

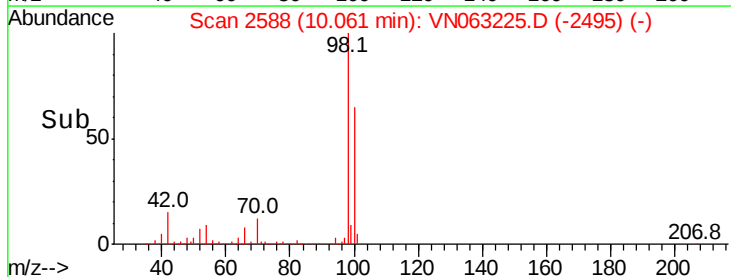
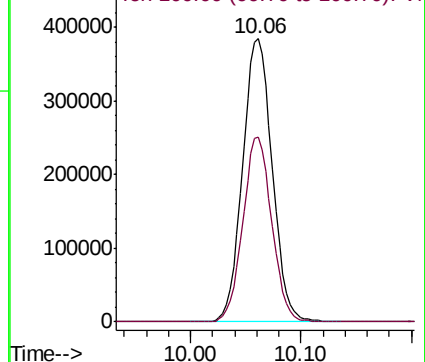
98 100

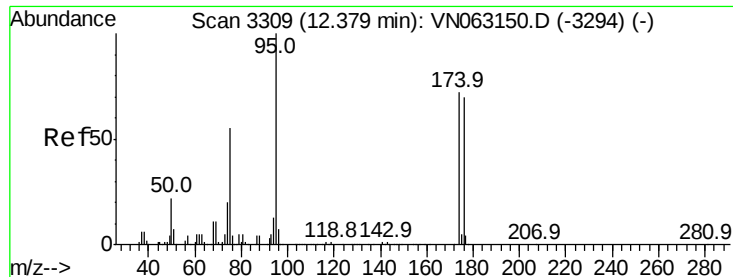
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN063225.D (-2495) (-)

Ion 100.00 (99.70 to 100.70): VN063225.D (-2495) (-)





#62

4-Bromofluorobenzene

Concen: 50.439 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20200901

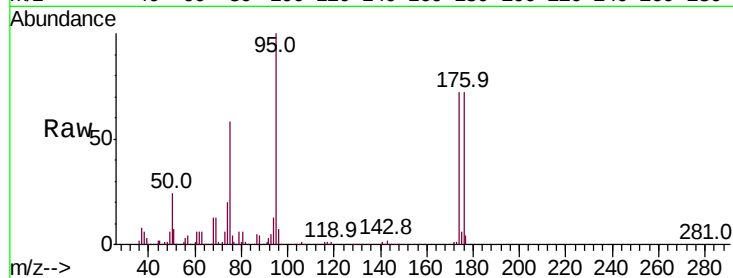
Tot Ion: 95 Resp: 244569

Ion Ratio Lower Upper

95 100

174 73.0 0.0 143.8

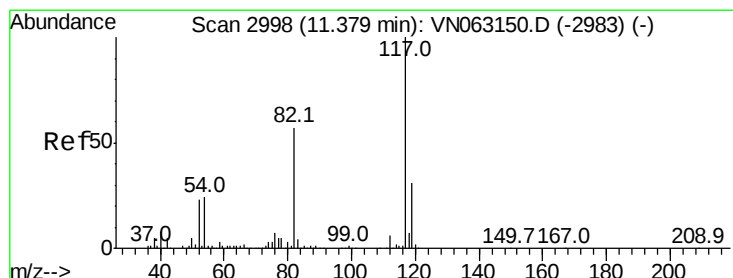
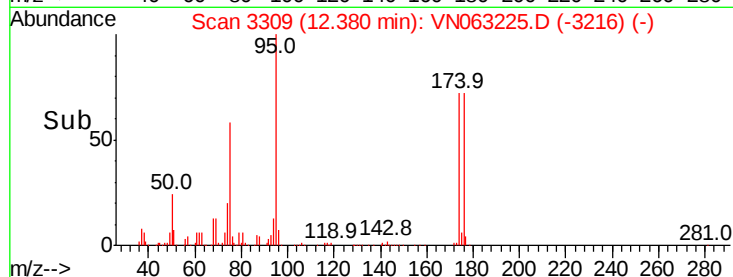
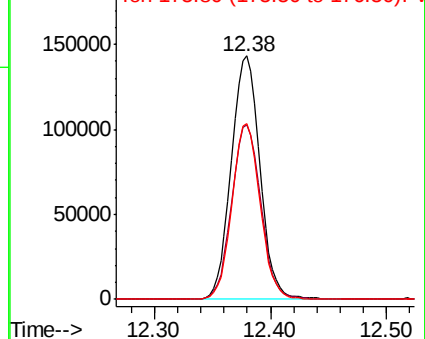
176 70.8 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063150.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063150.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063150.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

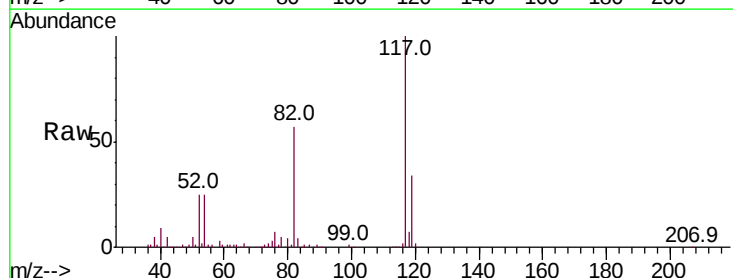
Tgt Ion: 117 Resp: 548480

Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.0

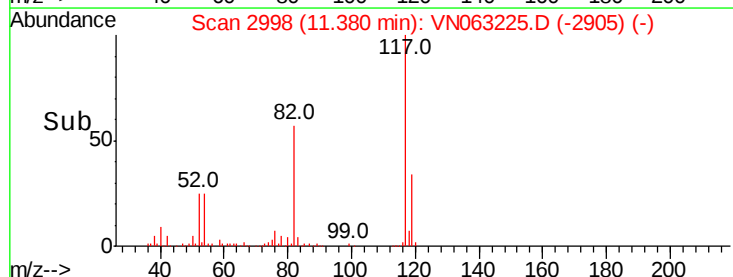
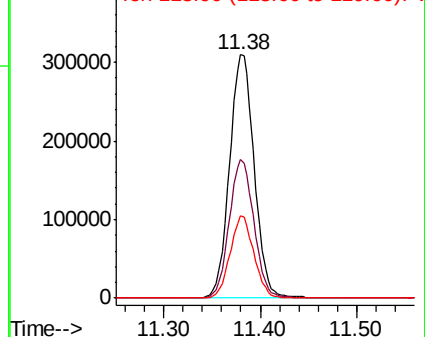
119 33.8 24.6 37.0

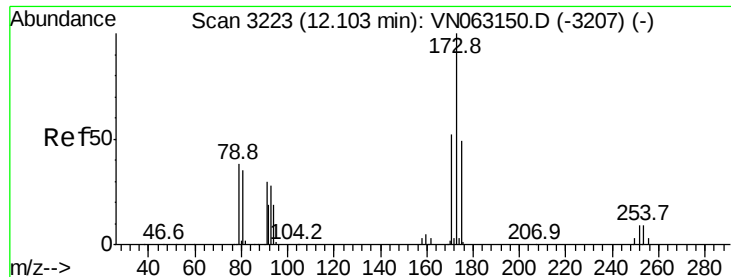


Abundance Ion 116.90 (116.60 to 117.60): VN063150.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063150.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063150.D (-2983) (-)





#71

Bromoform

Concen: 0.872 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.28 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20200901

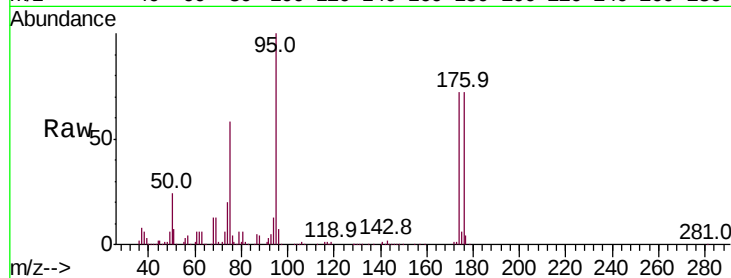
Tot Ion:173 Resp: 2426

Ion Ratio Lower Upper

173 100

175 484.5 24.6 73.8#

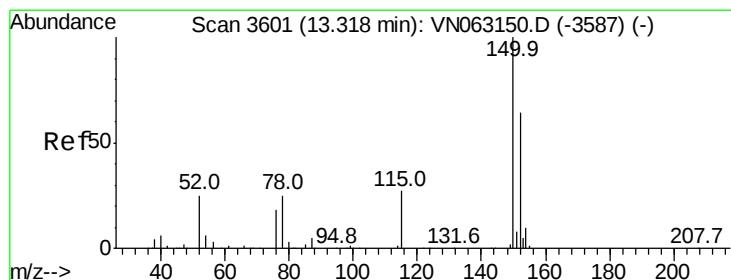
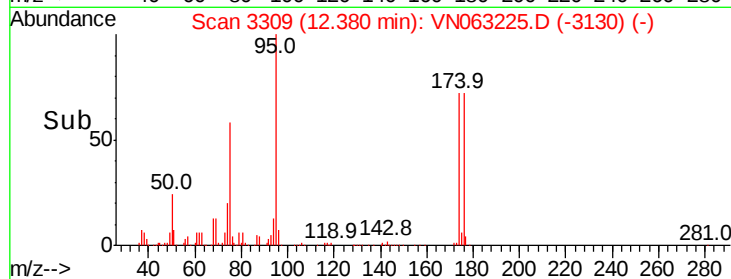
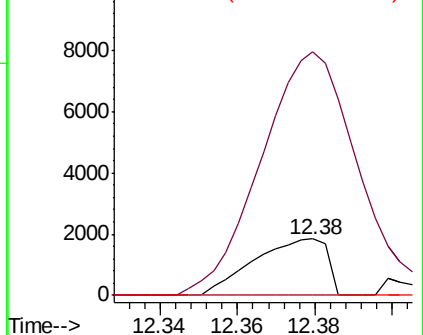
254 0.0 0.0 0.0



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# 3601

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

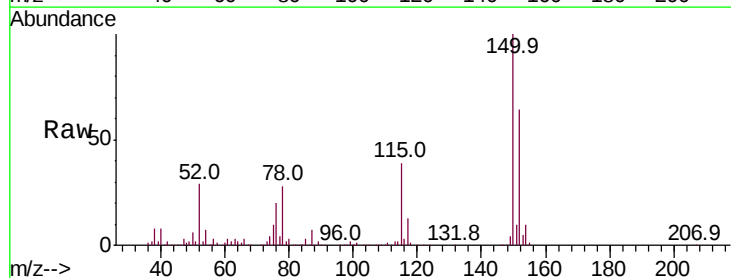
Tgt Ion:152 Resp: 214525

Ion Ratio Lower Upper

152 100

115 62.3 32.0 96.2

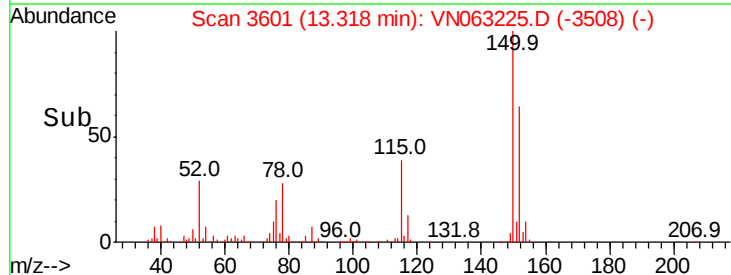
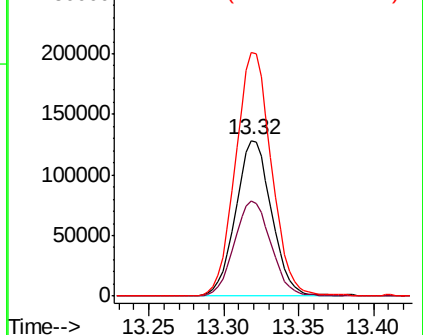
150 157.6 0.0 353.0

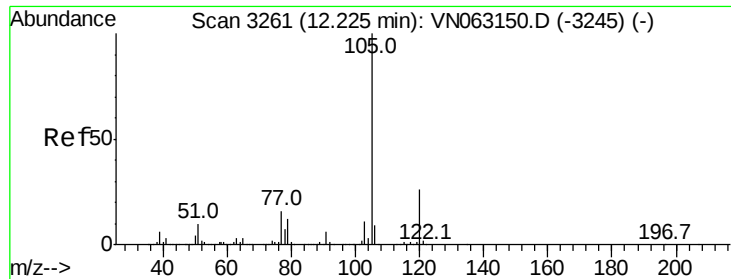


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.618 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

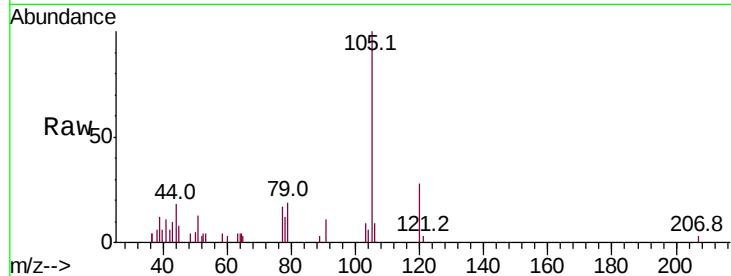
SA-MW184I-20200901

Tot Ion:105 Resp: 10176

Ion Ratio Lower Upper

105 100

120 20.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

6000

5000

4000

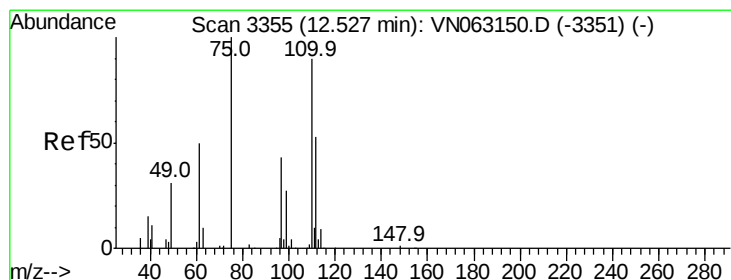
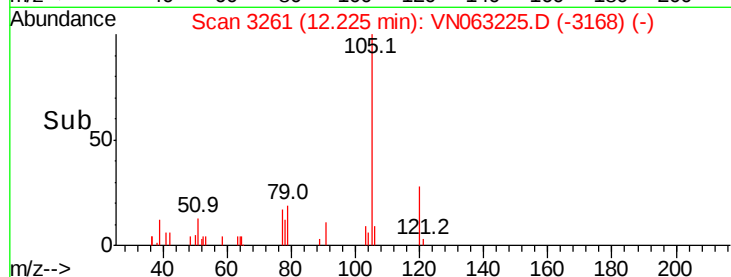
3000

2000

1000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 33.718 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063225.D

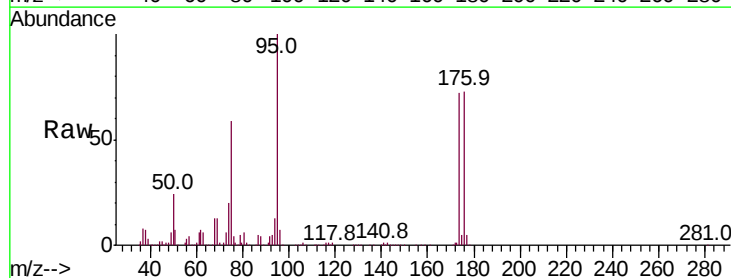
Acq: 3 Sep 2020 17:12

Tgt Ion: 75 Resp: 142120

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.38

80000

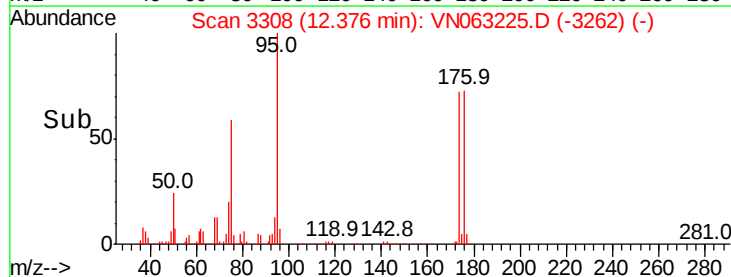
60000

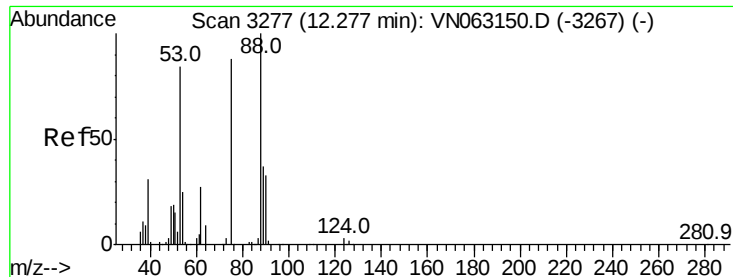
40000

20000

0

Time-->

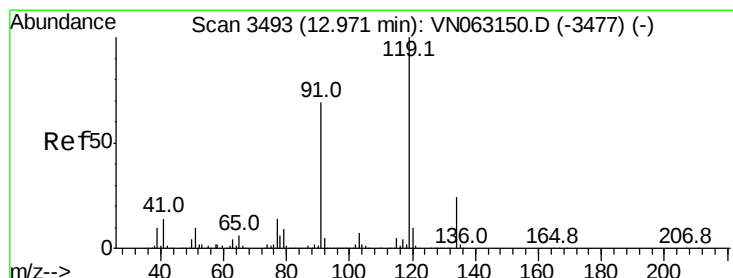
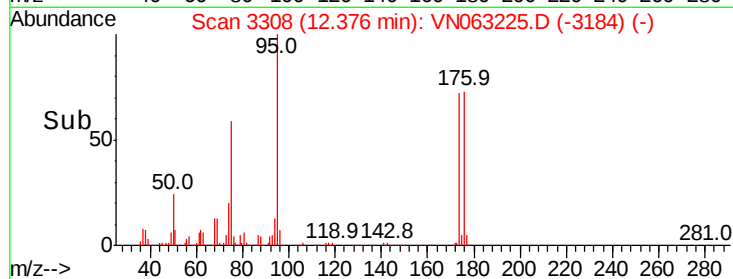
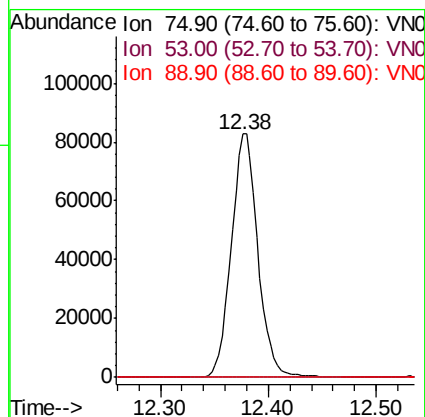
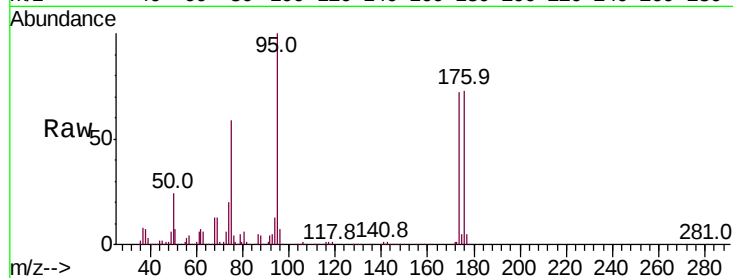




#81
trans-1,4-Dichloro-2-butene
Concen: 81.496 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063225.D
Acq: 3 Sep 2020 17:12

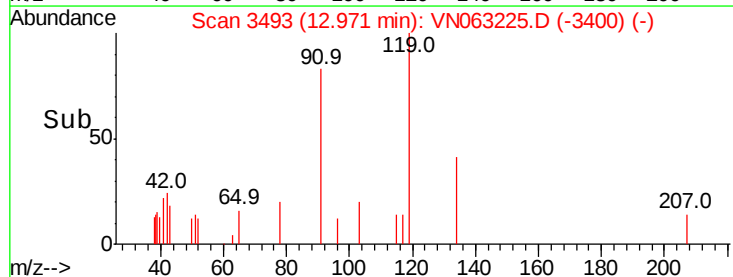
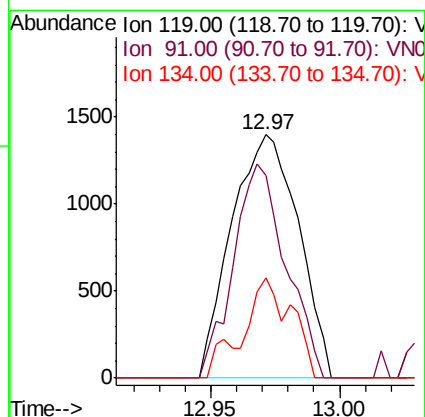
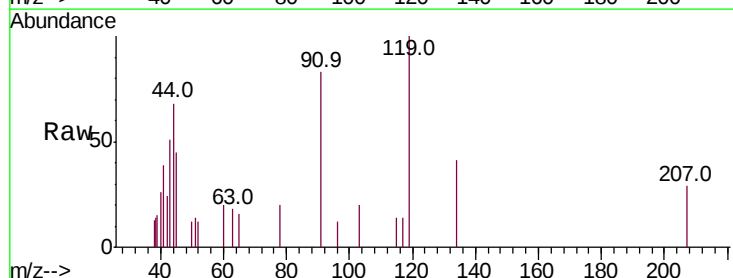
Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901

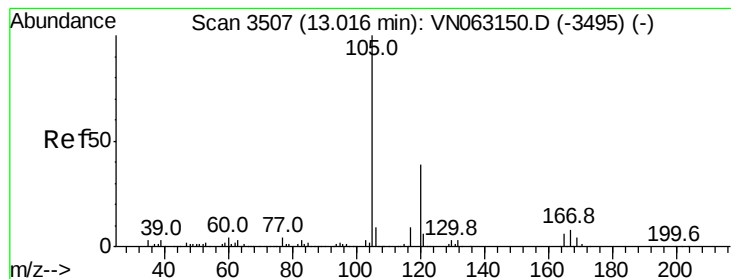
Tot Ion: 75 Resp: 142120
Ion Ratio Lower Upper
75 100
53 0.1 78.7 118.1#
89 0.0 35.3 52.9#



#83
tert-Butylbenzene
Concen: 0.215 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063225.D
Acq: 3 Sep 2020 17:12

Tgt Ion: 119 Resp: 2525
Ion Ratio Lower Upper
119 100
91 69.4 33.7 101.0
134 24.2 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 0.691 ug/l

RT: 13.15 min Scan# 3549

Delta R.T. 0.14 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

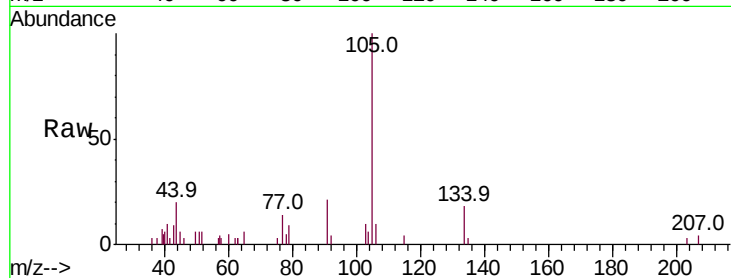
SA-MW184I-20200901

Tot Ion:105 Resp: 9545

Ion Ratio Lower Upper

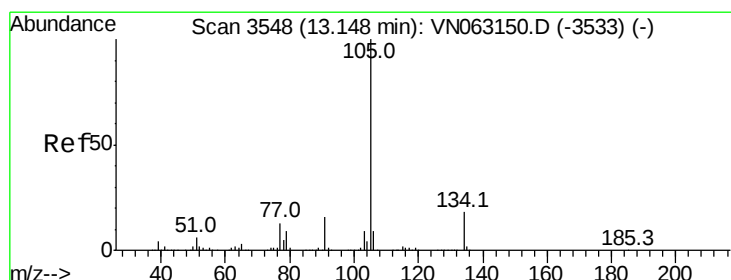
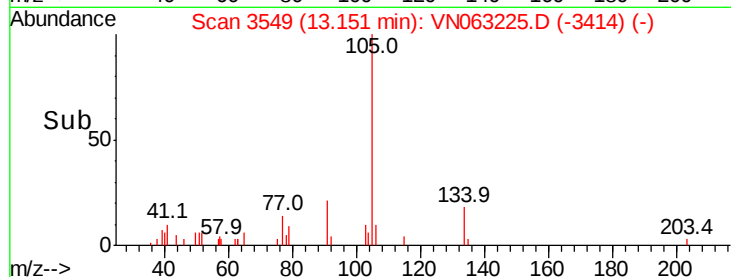
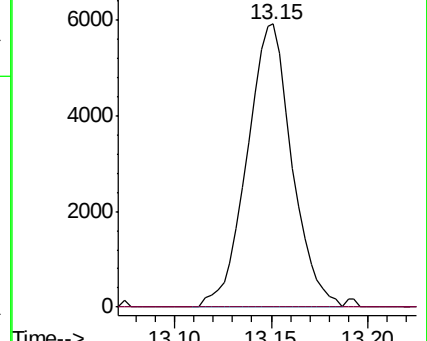
105 100

120 0.0 22.6 67.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.624 ug/l

RT: 13.15 min Scan# 3549

Delta R.T. 0.00 min

Lab File: VN063225.D

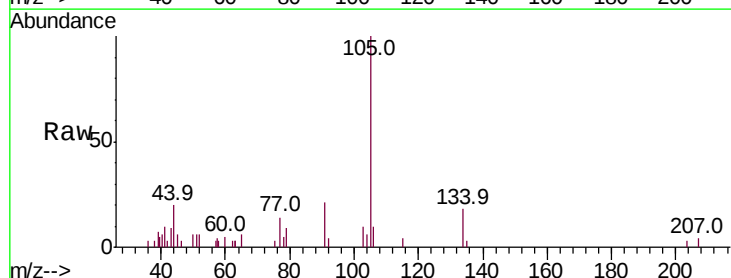
Acq: 3 Sep 2020 17:12

Tgt Ion:105 Resp: 9545

Ion Ratio Lower Upper

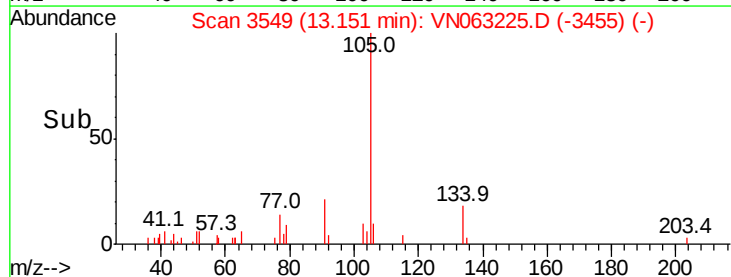
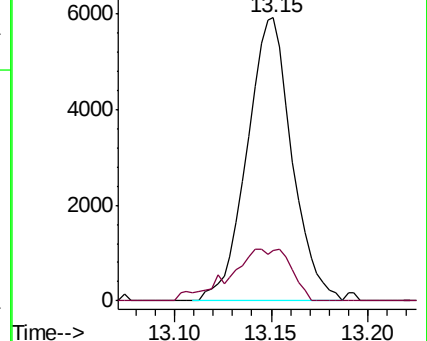
105 100

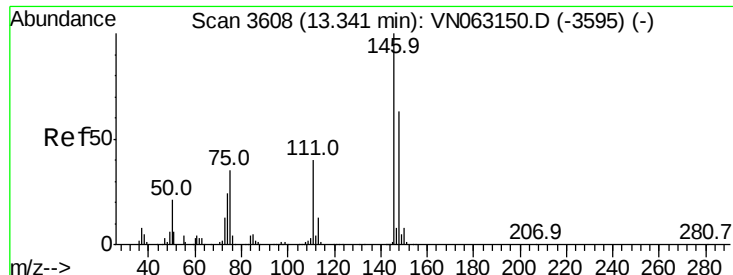
134 16.3 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#88

1,4-Dichlorobenzene

Concen: 0.548 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20200901

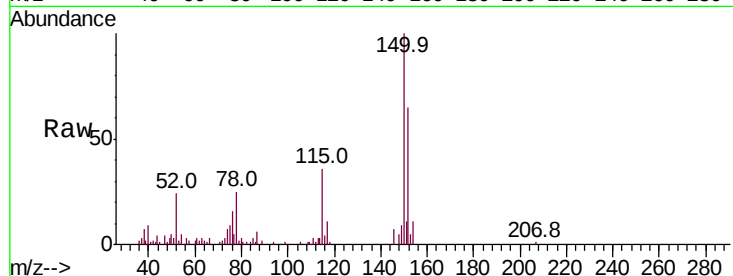
Tot Ion:146 Resp: 3878

Ion Ratio Lower Upper

146 100

111 0.0 20.5 61.5#

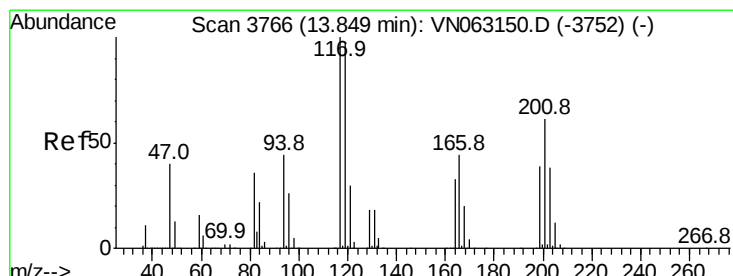
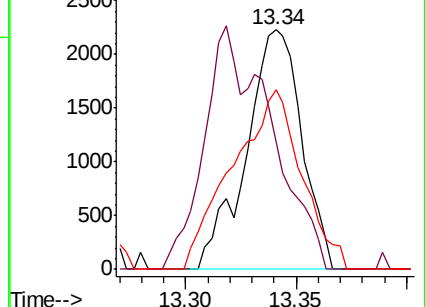
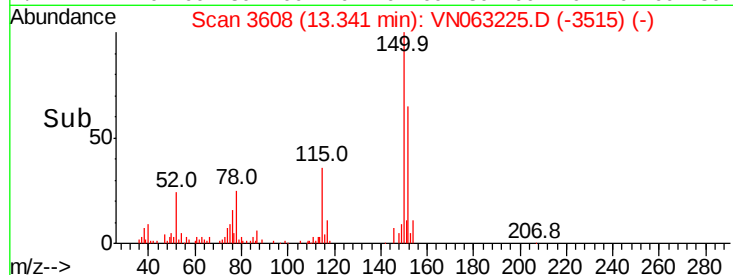
148 93.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#90

Hexachloroethane

Concen: 4.182 ug/l

RT: 13.97 min Scan# 3803

Delta R.T. 0.12 min

Lab File: VN063225.D

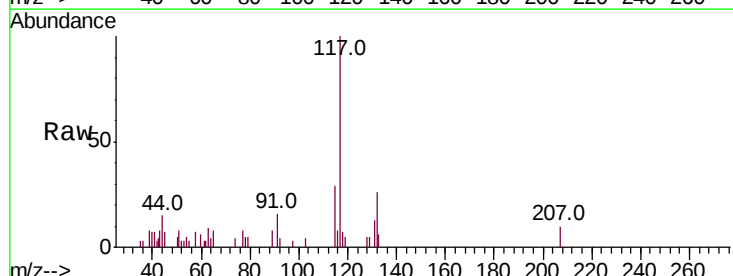
Acq: 3 Sep 2020 17:12

Tgt Ion:117 Resp: 10522

Ion Ratio Lower Upper

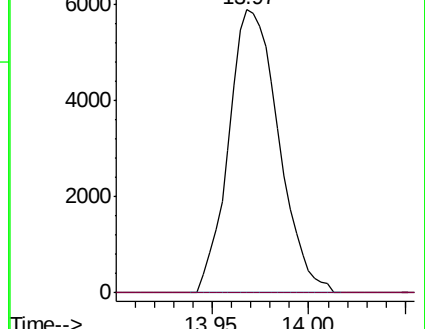
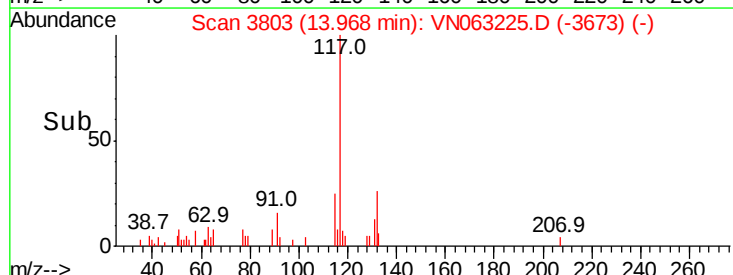
117 100

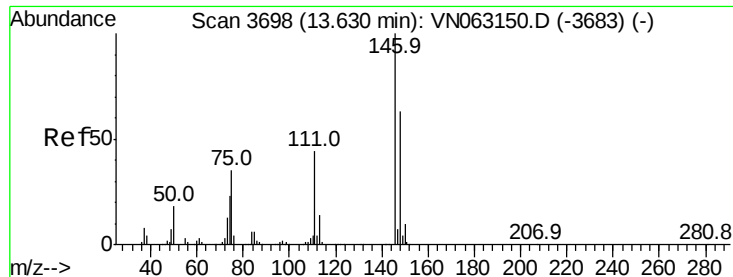
201 0.0 30.6 92.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

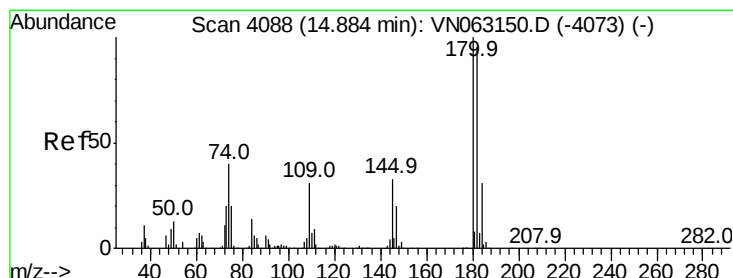
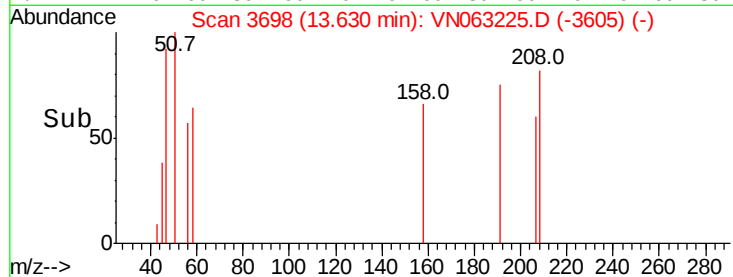
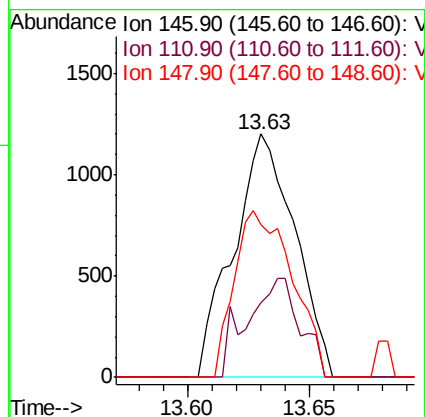
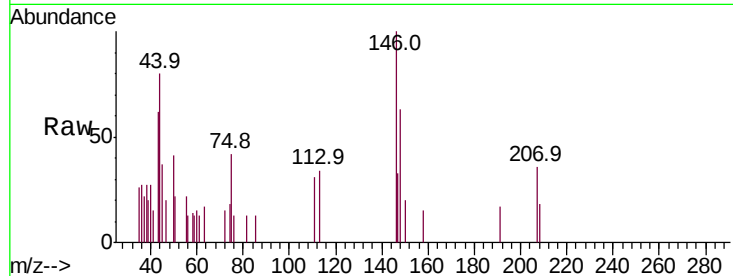




#91
 1,2-Dichlorobenzene
 Concen: 0.316 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063225.D
 Acq: 3 Sep 2020 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184I-20200901

Tot Ion:146 Resp: 2099
 Ion Ratio Lower Upper
 146 100
 111 35.1 22.0 66.0
 148 64.5 31.6 95.0



#93
 1,2,4-Trichlorobenzene
 Concen: 0.242 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063225.D
 Acq: 3 Sep 2020 17:12

Tgt Ion:180 Resp: 896
 Ion Ratio Lower Upper
 180 100
 182 85.2 47.5 142.5
 145 44.5 16.6 49.8

