

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063804.D
 Acq On : 2 Oct 2020 5:20
 Operator : JC/MD
 Sample : L4236-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Oct 02 05:47:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	204170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159801	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	180381	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
35) Dibromofluoromethane	7.55	113	128752	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
50) Toluene-d8	10.06	98	492202	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.38	95	189662	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

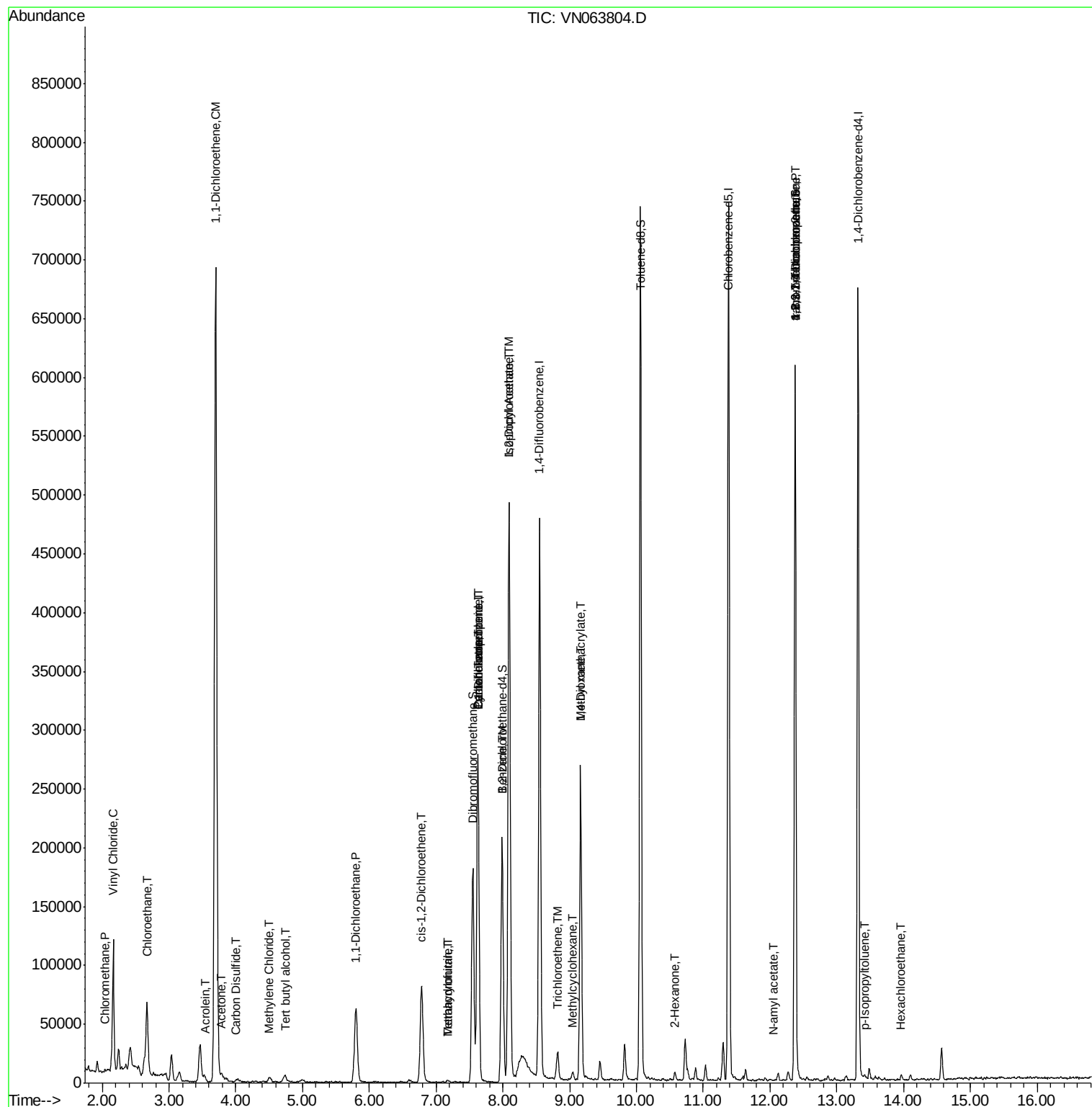
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1542	0.610	ug/l	97
4) Vinyl Chloride	2.16	62	92690	36.529	ug/l	97
6) Chloroethane	2.67	64	41603	27.439	ug/l	97
11) Tert butyl alcohol	4.74	59	9692	26.026	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	332961	161.949	ug/l	99
13) Acrolein	3.55	56	75	0.328	ug/l #	14
16) Acetone	3.78	43	3358	3.234	ug/l #	74
17) Carbon Disulfide	4.00	76	383	0.769	ug/l #	76
20) Methylene Chloride	4.49	84	986	0.512	ug/l #	74
24) 1,1-Dichloroethane	5.80	63	91563	20.378	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	50645	19.122	ug/l	87
29) Tetrahydrofuran	7.17	42	659	0.667	ug/l #	74
31) Cyclohexane	7.63	56	6976	1.781	ug/l #	37
36) 1,1-Dichloropropene	7.62	75	18326	4.606	ug/l #	53
38) Carbon Tetrachloride	7.63	117	23413	5.248	ug/l #	14
39) Methylcyclohexane	9.05	83	2241	0.565	ug/l #	88
40) Benzene	8.00	78	9880	0.869	ug/l	97
41) Methacrylonitrile	7.17	41	611	0.348	ug/l #	36
42) 1,2-Dichloroethane	8.09	62	39218	8.085	ug/l	99
43) Isopropyl Acetate	8.09	43	119458	18.322	ug/l #	69
44) Trichloroethene	8.80	130	2123	0.713	ug/l	90
48) Methyl methacrylate	9.16	41	5765	1.790	ug/l #	40
49) 1,4-Dioxane	9.16	88	194072	4239.087	ug/l	93
59) 2-Hexanone	10.58	43	4512	1.587	ug/l	78
74) N-amyl acetate	12.05	43	174	2.247	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.37	83	2033	0.570	ug/l	95
76) 1,2,3-Trichloropropane	12.38	75	110048	31.240	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	110048	89.977	ug/l #	16
86) p-Isopropyltoluene	13.42	119	1982	0.213	ug/l #	77
90) Hexachloroethane	13.97	117	2131	1.183	ug/l #	14

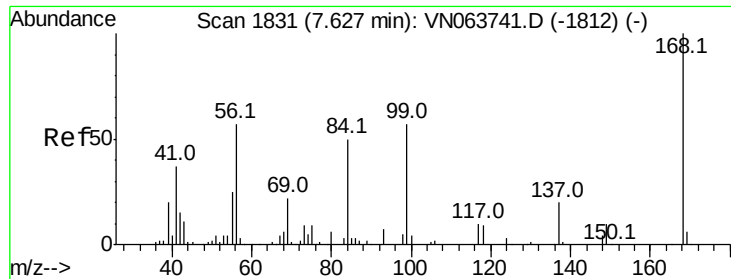
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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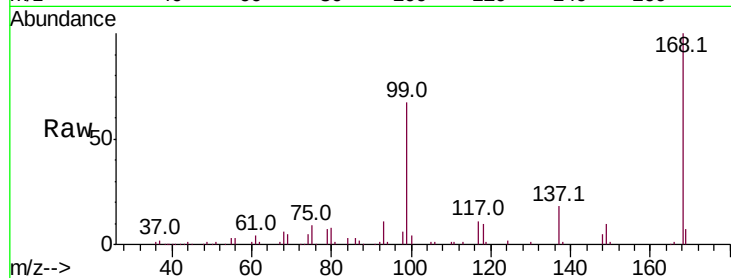




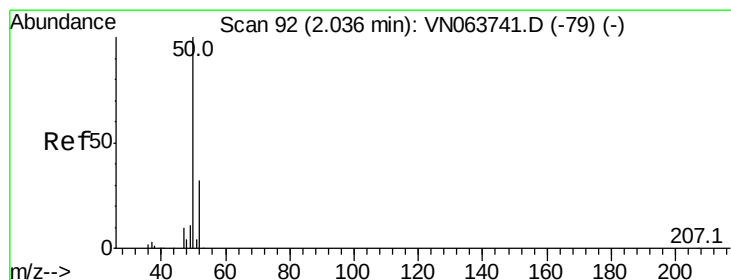
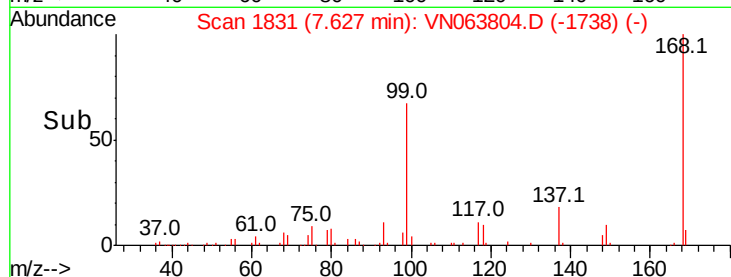
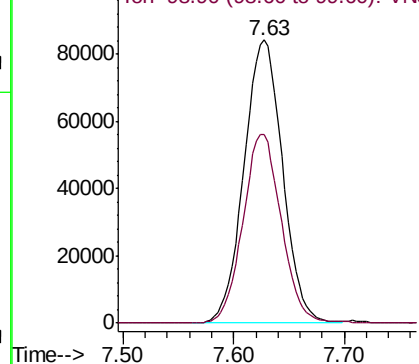
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tot Ion:168 Resp: 204170
Ion Ratio Lower Upper
168 100
99 66.7 51.8 77.6

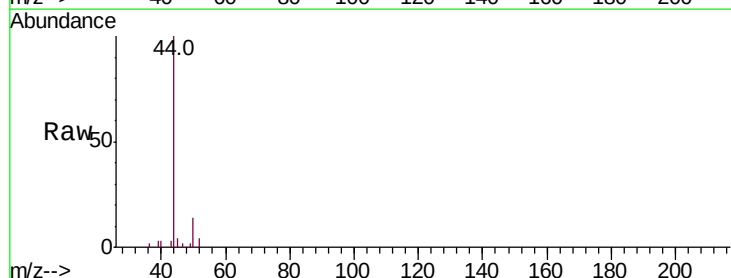


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

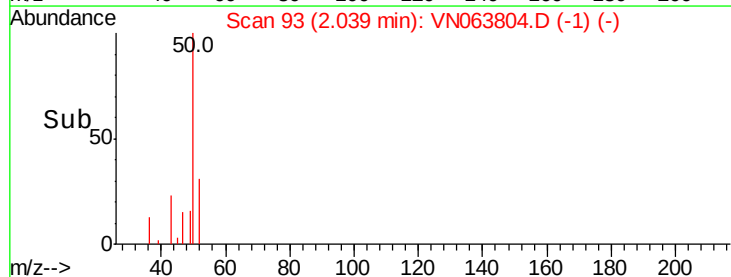
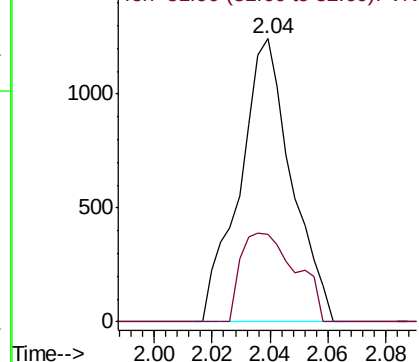


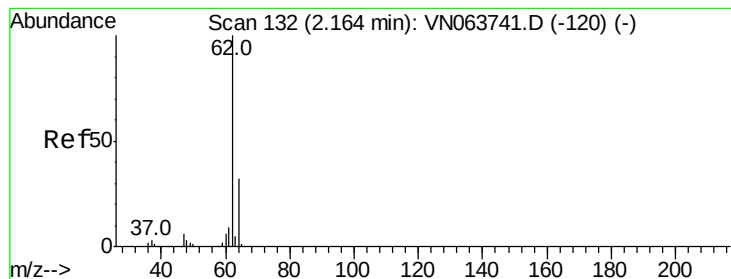
#3
Chloromethane
Concen: 0.610 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tgt Ion: 50 Resp: 1542
Ion Ratio Lower Upper
50 100
52 30.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN
Ion 51.90 (51.60 to 52.60): VN





#4

Vinyl Chloride

Concen: 36.529 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampled :

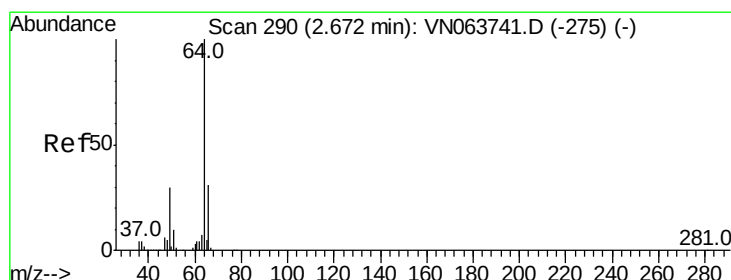
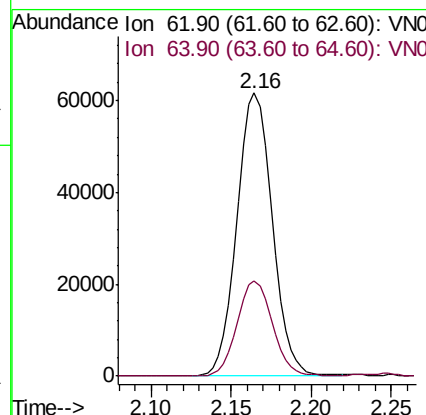
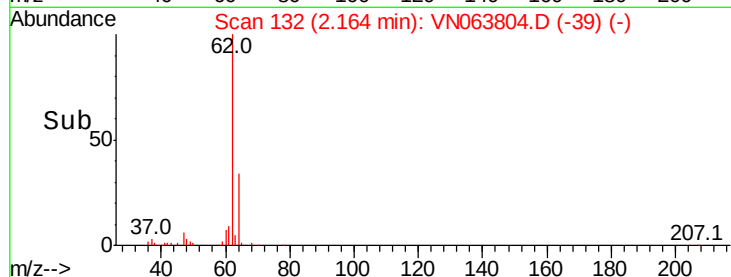
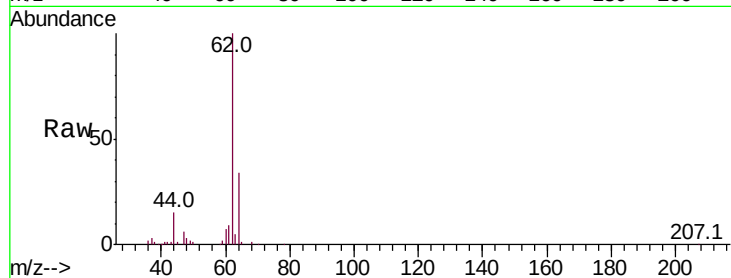
MW-1

Tot Ion: 62 Resp: 92690

Ion Ratio Lower Upper

62 100

64 33.6 25.6 38.4



#6

Chloroethane

Concen: 27.439 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063804.D

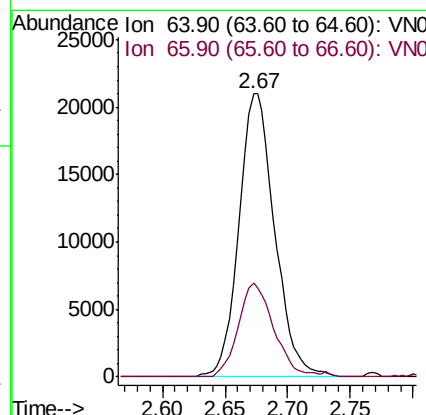
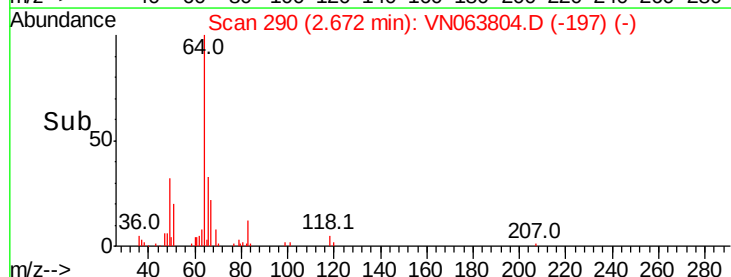
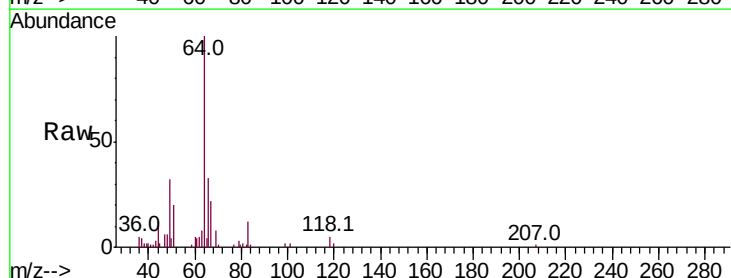
Acq: 2 Oct 2020 5:20

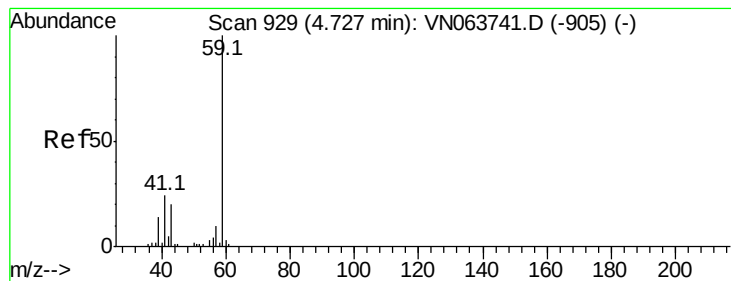
Tgt Ion: 64 Resp: 41603

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7



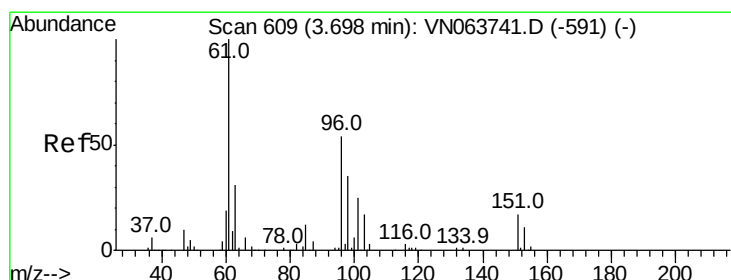
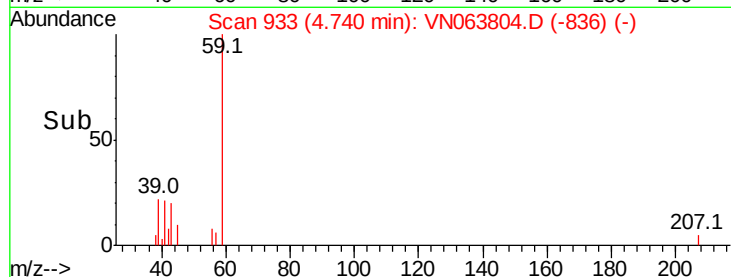
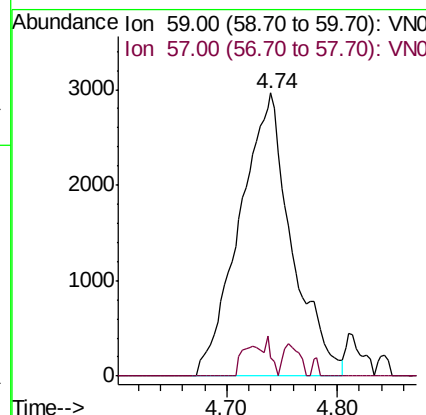
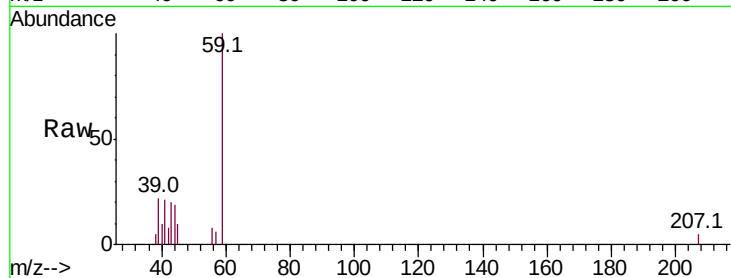


#11

Tert butyl alcohol
Concen: 26.026 ug/l
RT: 4.74 min Scan# 933
Delta R.T. 0.01 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Instrument :
MSVOA_N
ClientSampled :
MW-1

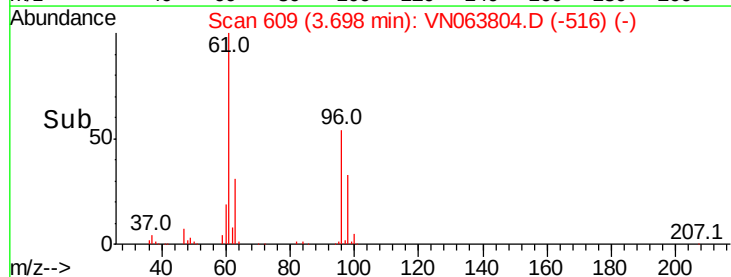
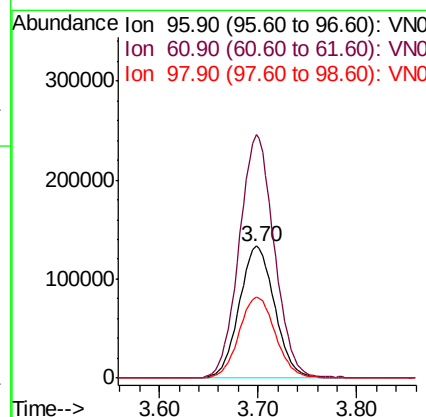
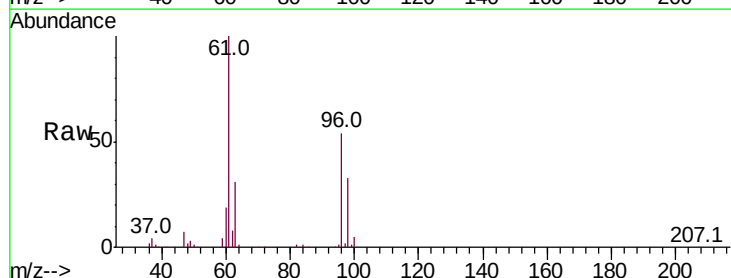
Tot Ion: 59 Resp: 9692
Ion Ratio Lower Upper
59 100
57 3.6 8.7 13.1#

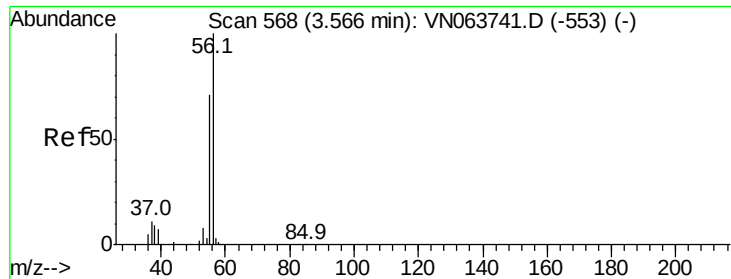


#12

1,1-Dichloroethene
Concen: 161.949 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tgt Ion: 96 Resp: 332961
Ion Ratio Lower Upper
96 100
61 184.5 147.7 221.5
98 61.1 51.9 77.9





#13

Acrolein

Concen: 0.328 ug/l

RT: 3.55 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampled :

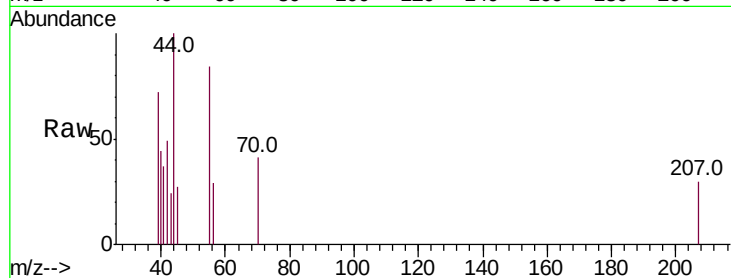
MW-1

Tot Ion: 56 Resp: 75

Ion Ratio Lower Upper

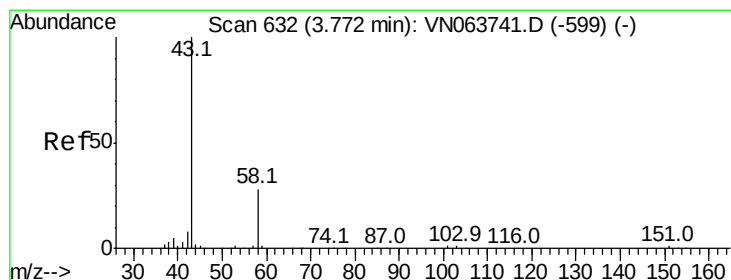
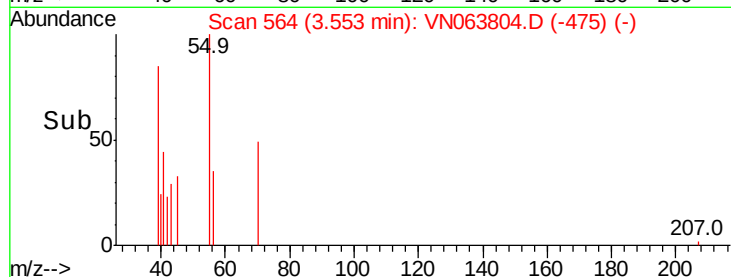
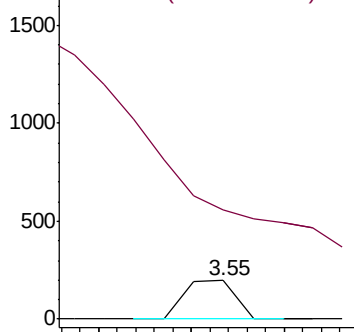
56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 3.234 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063804.D

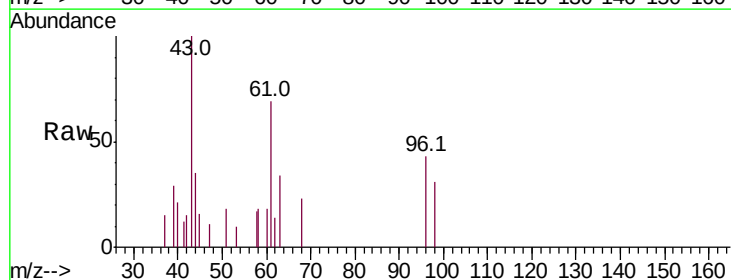
Acq: 2 Oct 2020 5:20

Tgt Ion: 43 Resp: 3358

Ion Ratio Lower Upper

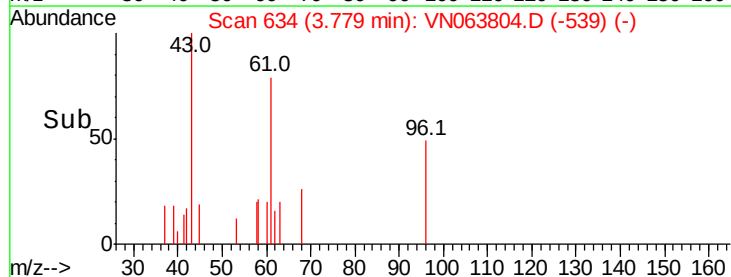
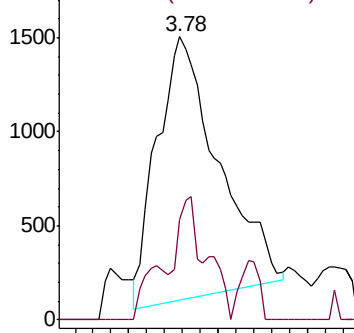
43 100

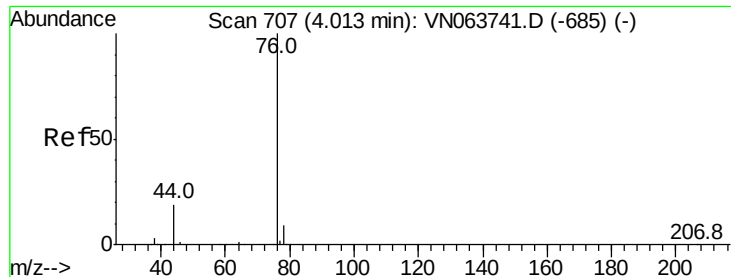
58 41.6 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.769 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampled :

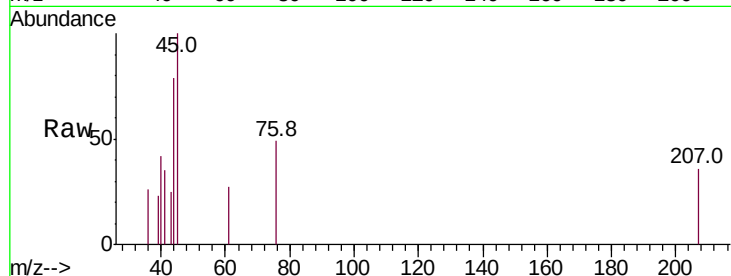
MW-1

Tot Ion: 76 Resp: 383

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

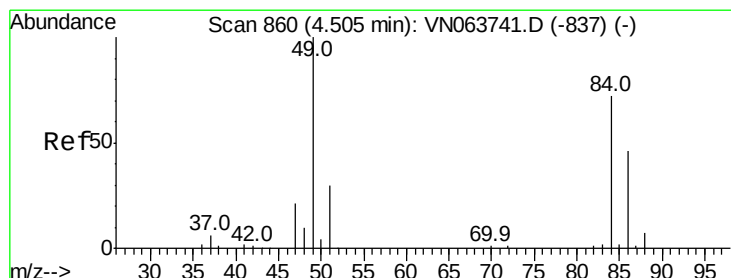
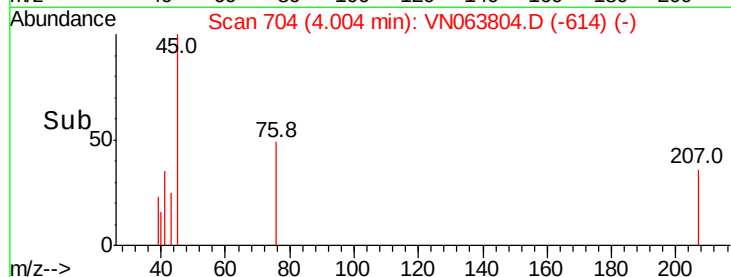
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 0.512 ug/l

RT: 4.49 min Scan# 856

Delta R.T. -0.01 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Tgt Ion: 84 Resp: 986

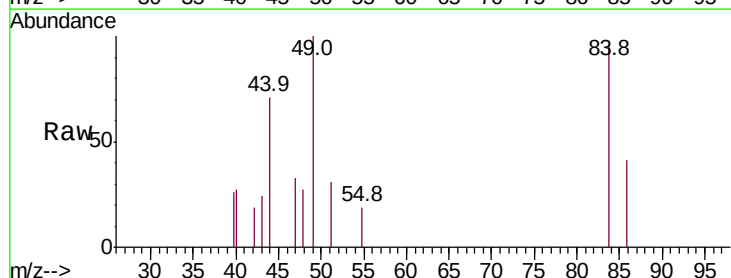
Ion Ratio Lower Upper

84 100

49 103.7 110.4 165.6#

51 32.2 33.3 49.9#

86 42.7 50.7 76.1#



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

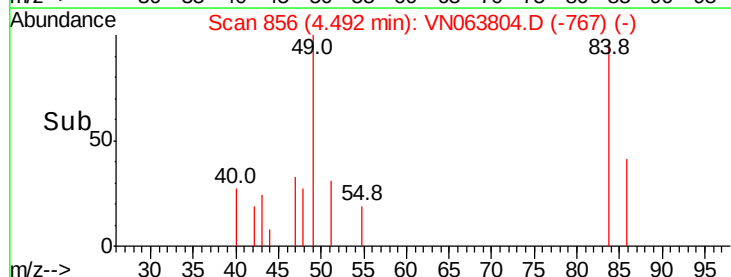
1500

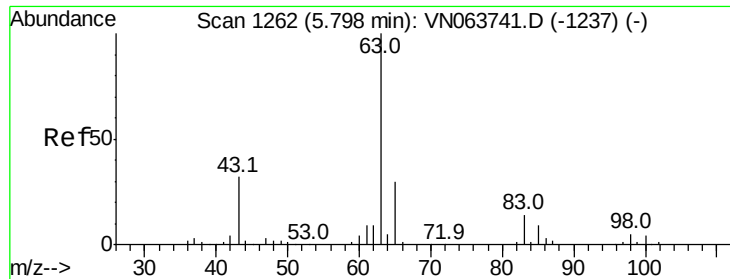
1000

500

0

Time-->





#24

1,1-Dichloroethane

Concen: 20.378 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

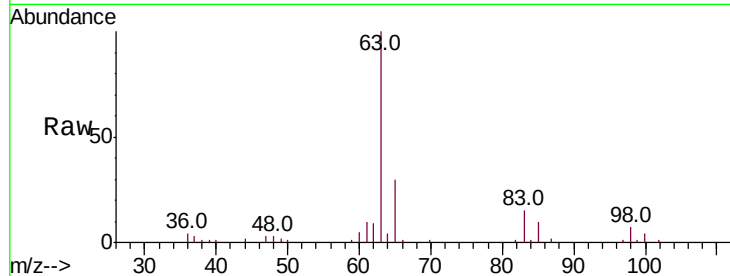
Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tot Ion: 63 Resp: 91563

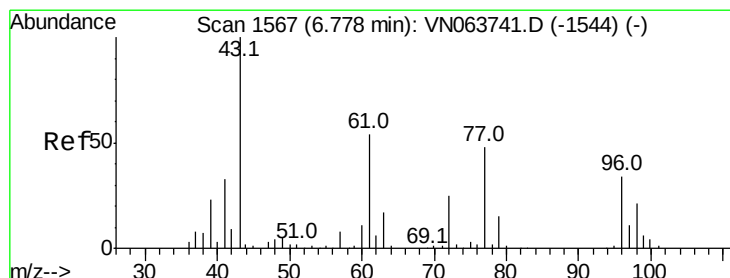
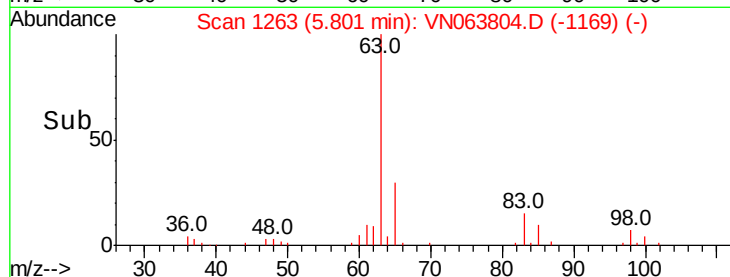
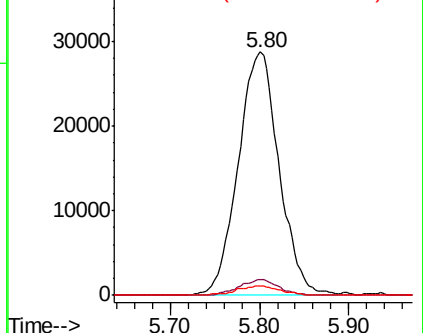
Ion	Ratio	Lower	Upper
63	100		
98	6.7	2.7	8.1
100	4.0	1.9	5.7



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



#27

cis-1,2-Dichloroethene

Concen: 19.122 ug/l

RT: 6.78 min Scan# 1569

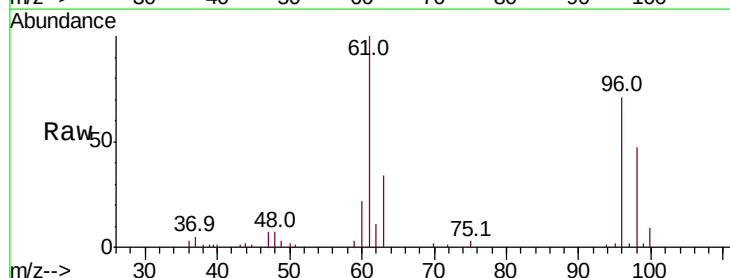
Delta R.T. 0.01 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Tgt Ion: 96 Resp: 50645

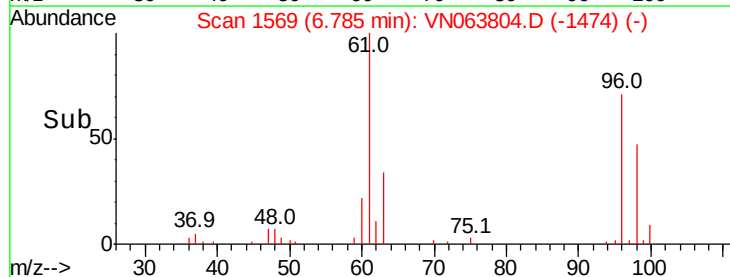
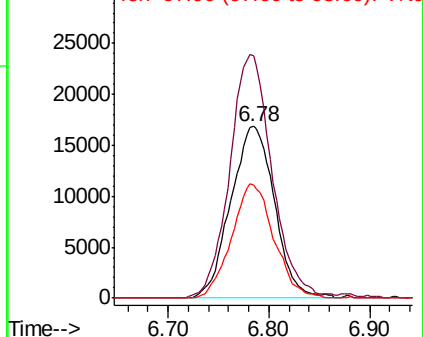
Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	321.2
98	64.5	0.0	124.4

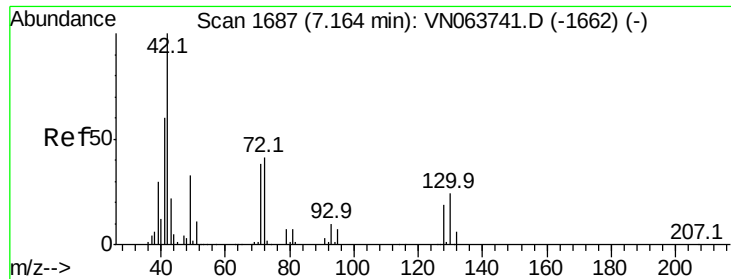


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#29

Tetrahydrofuran

Concen: 0.667 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampled :

MW-1

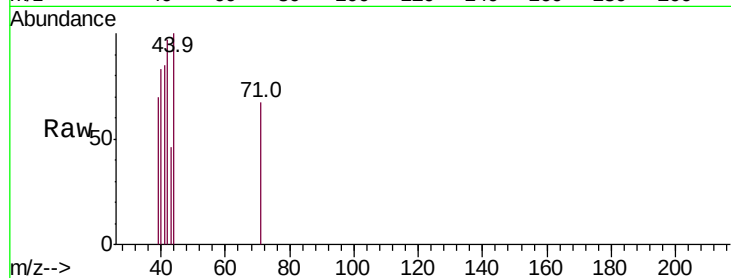
Tot Ion: 42 Resp: 659

Ion Ratio Lower Upper

42 100

72 20.9 32.8 49.2#

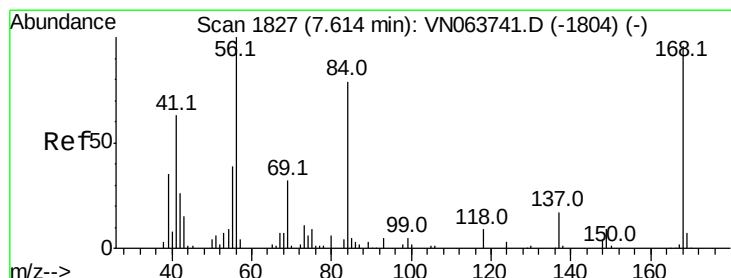
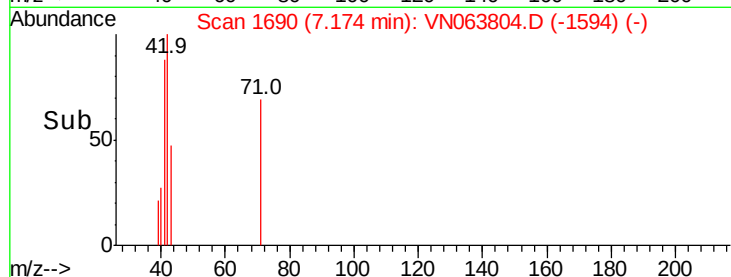
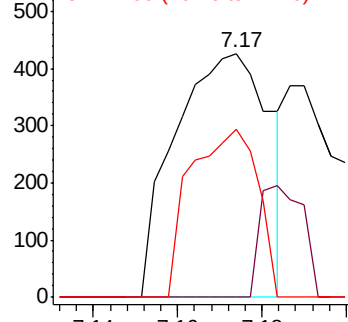
71 49.5 30.6 45.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.781 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

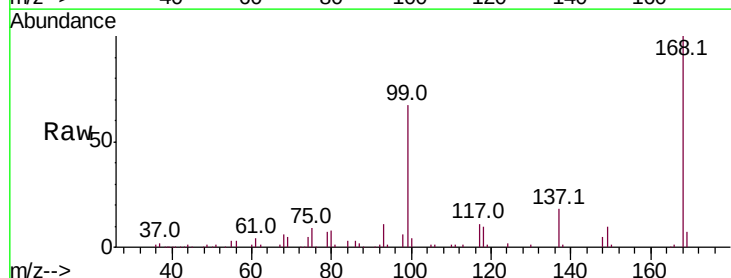
Tgt Ion: 56 Resp: 6976

Ion Ratio Lower Upper

56 100

69 139.3 25.4 38.2#

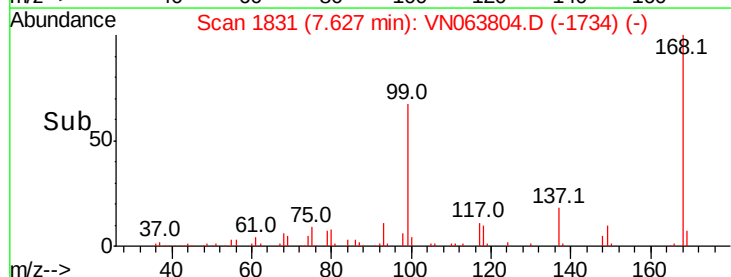
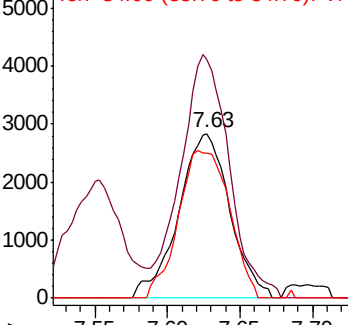
84 88.3 63.3 94.9

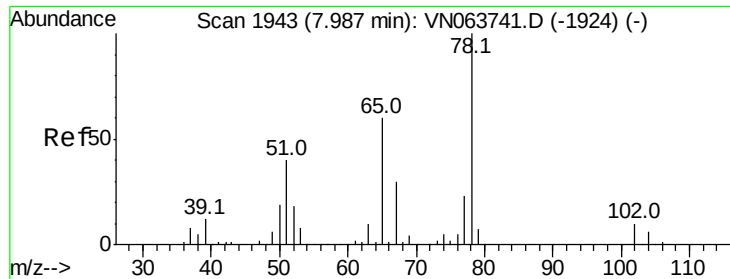


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

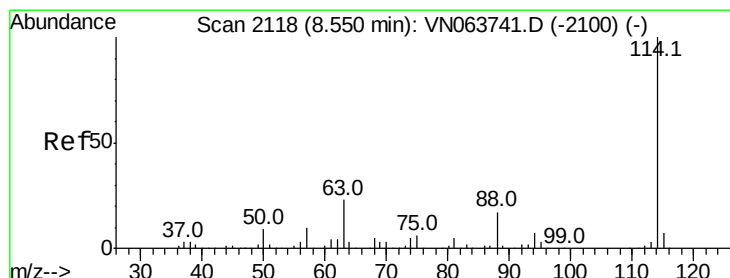
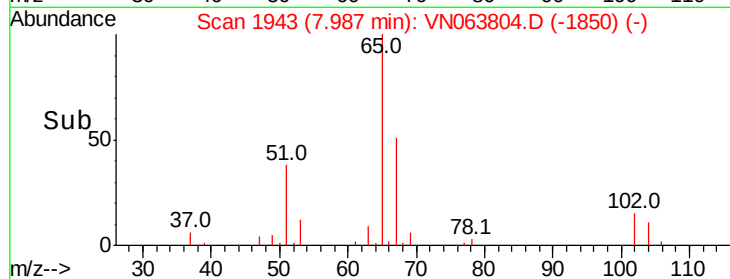
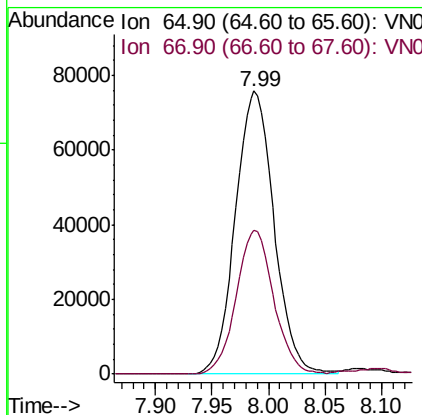
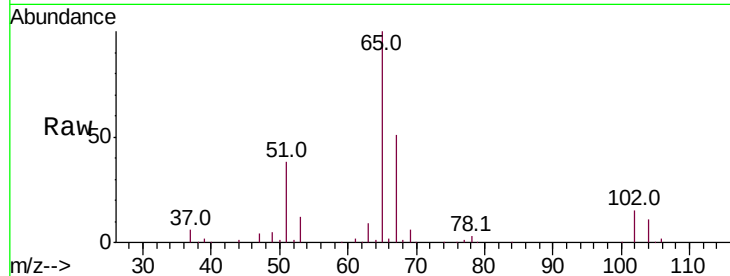




#33
 1,2-Dichloroethane-d4
 Concen: 53.477 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

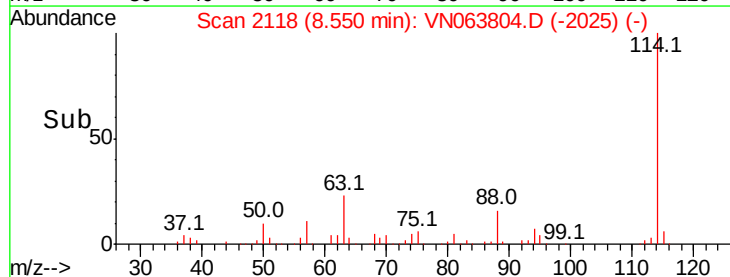
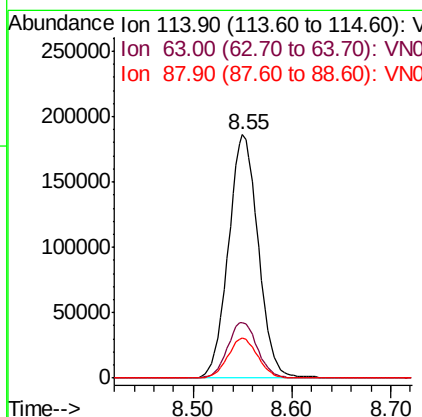
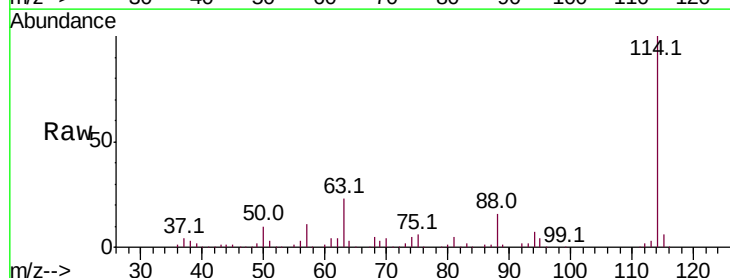
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

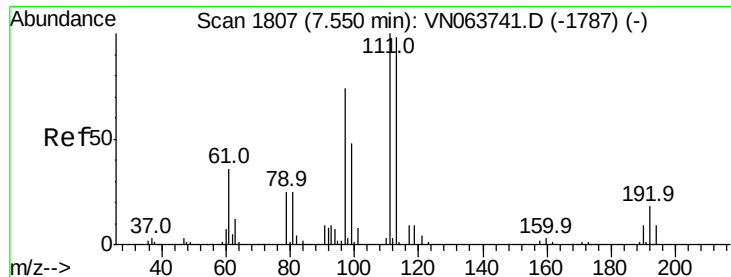
Tot Ion: 65 Resp: 180381
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

Tgt Ion: 114 Resp: 392718
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.249 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampleId :

MW-1

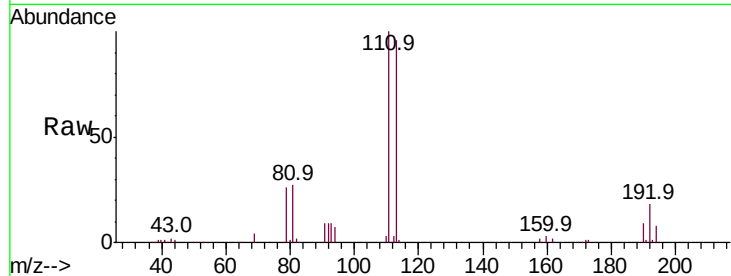
Tot Ion:113 Resp: 128752

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

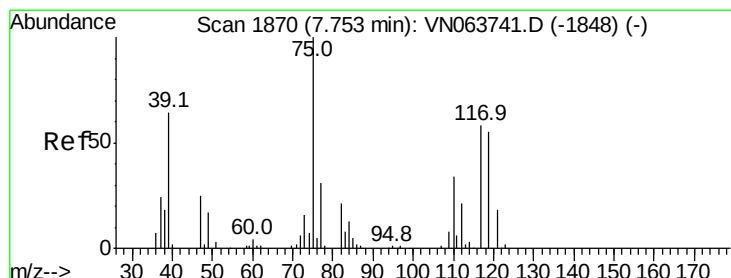
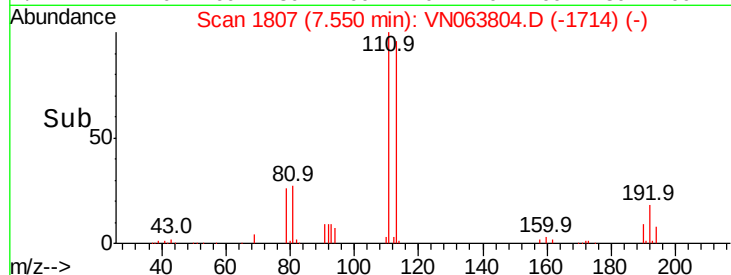
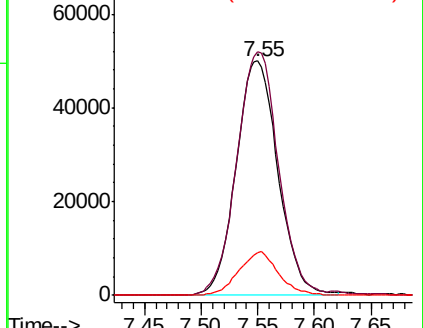
192 17.6 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.606 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

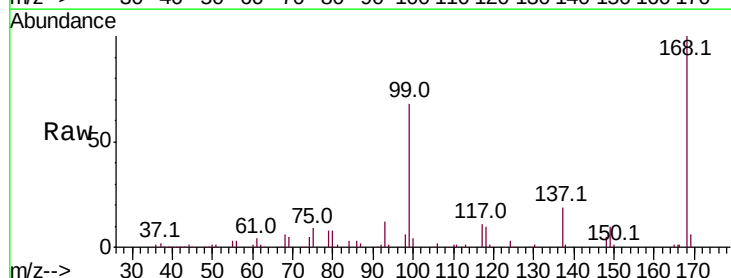
Tgt Ion: 75 Resp: 18326

Ion Ratio Lower Upper

75 100

110 11.8 16.9 50.6#

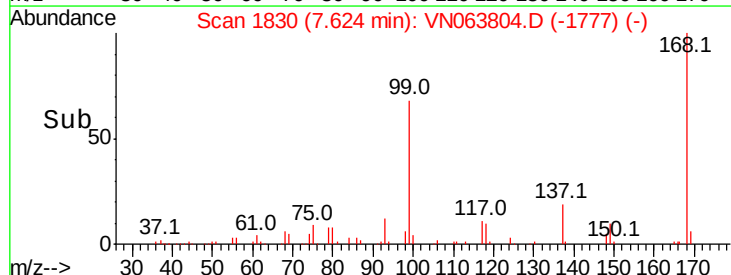
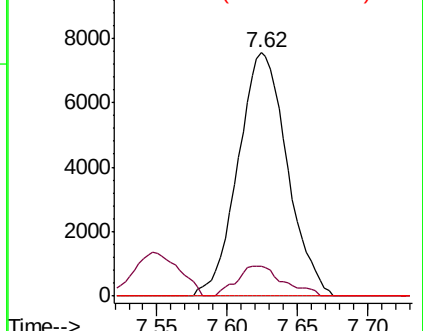
77 0.0 24.5 36.7#

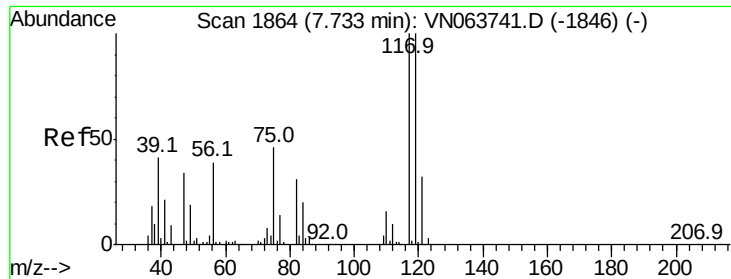


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

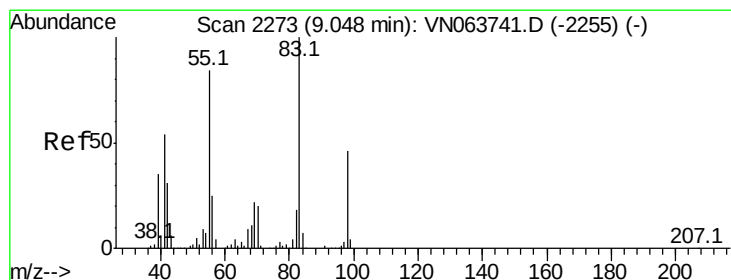
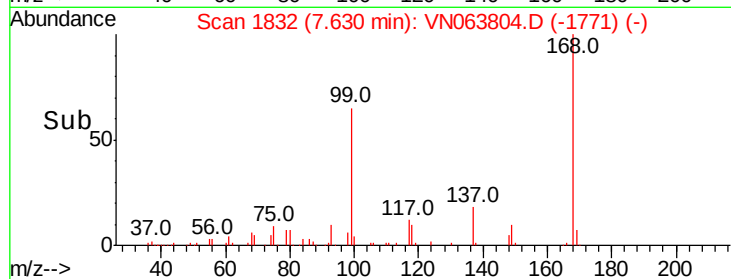
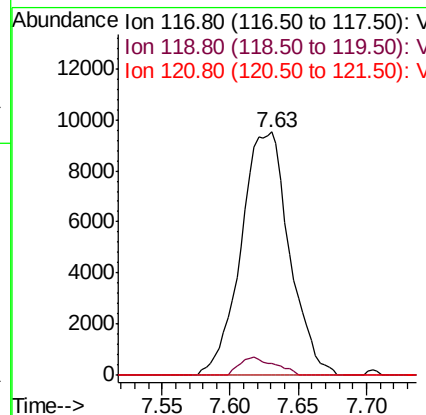
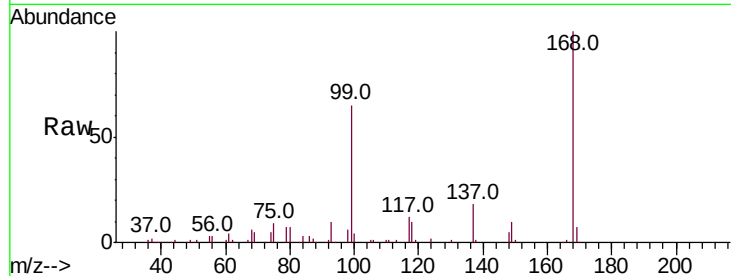




#38
Carbon Tetrachloride
Concen: 5.248 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

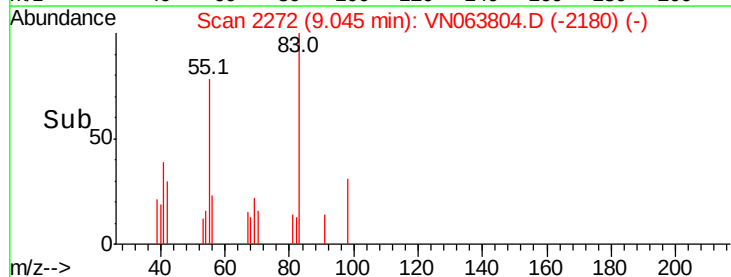
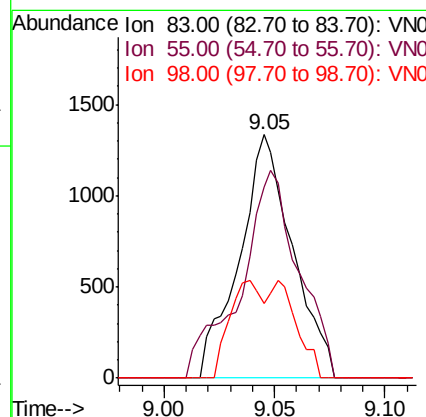
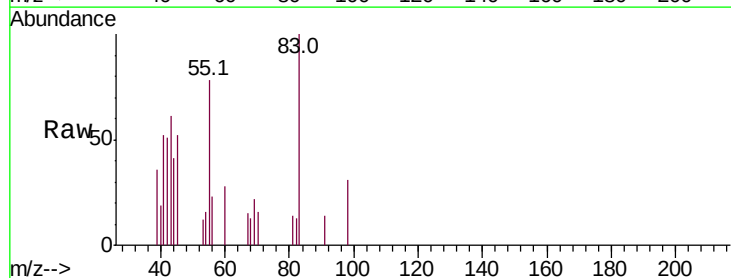
Instrument :
MSVOA_N
ClientSampleId :
MW-1

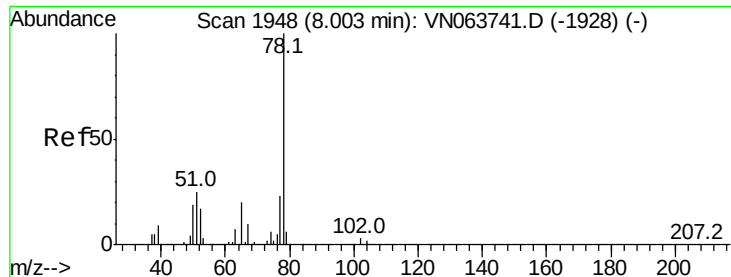
Tot Ion:117 Resp: 23413
Ion Ratio Lower Upper
117 100
119 5.0 80.1 120.1#
121 0.0 25.7 38.5#



#39
Methylcyclohexane
Concen: 0.565 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tgt Ion: 83 Resp: 2241
Ion Ratio Lower Upper
83 100
55 78.4 67.1 100.7
98 30.8 36.6 54.8#





#40

Benzene

Concen: 0.869 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampleId :

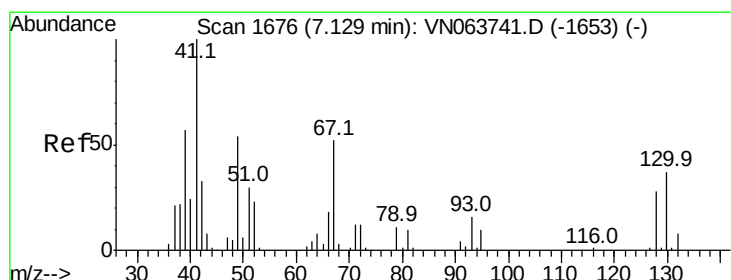
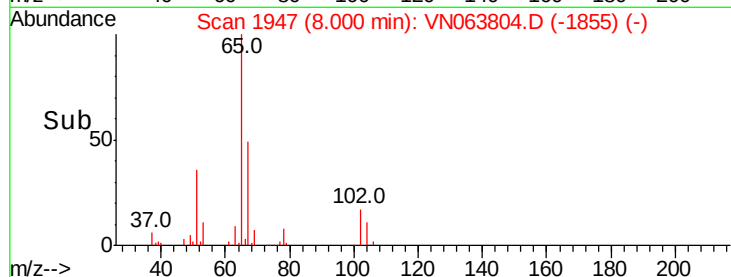
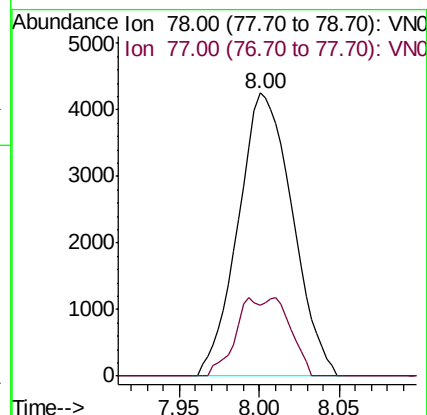
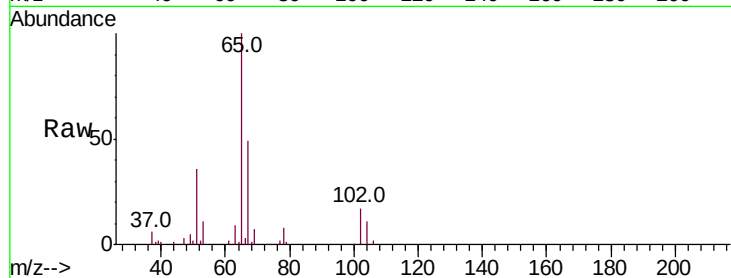
MW-1

Tot Ion: 78 Resp: 9880

Ion Ratio Lower Upper

78 100

77 24.9 18.7 28.1



#41

Methacrylonitrile

Concen: 0.348 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.05 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Tgt Ion: 41 Resp: 611

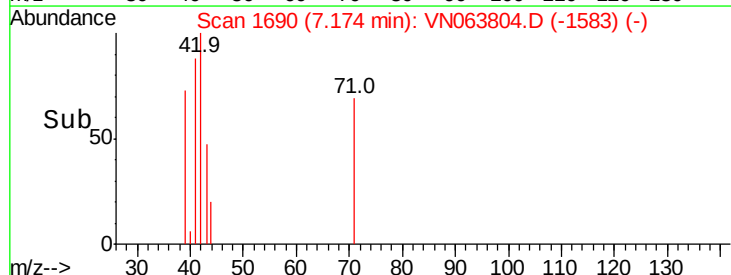
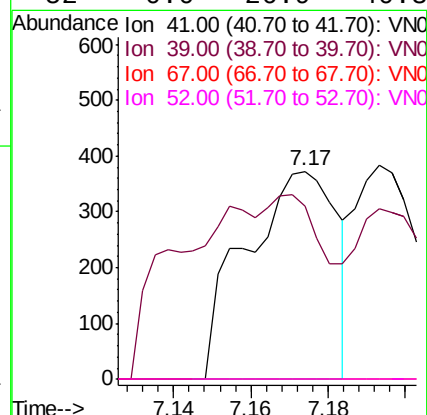
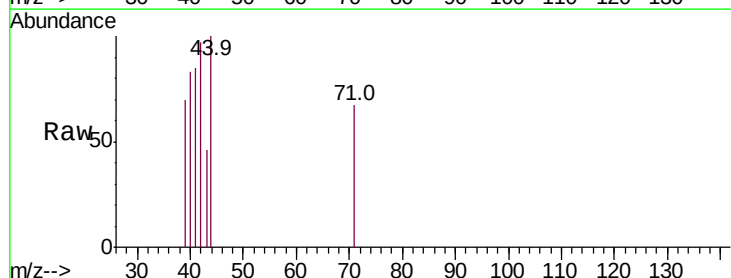
Ion Ratio Lower Upper

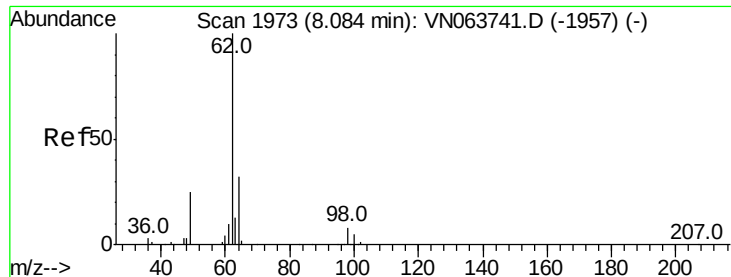
41 100

39 78.6 42.5 63.7#

67 0.0 57.4 86.2#

52 0.0 26.9 40.3#

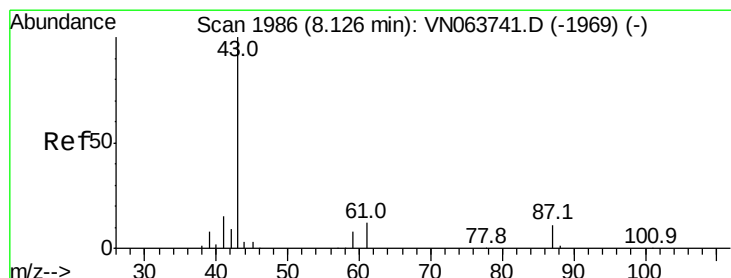
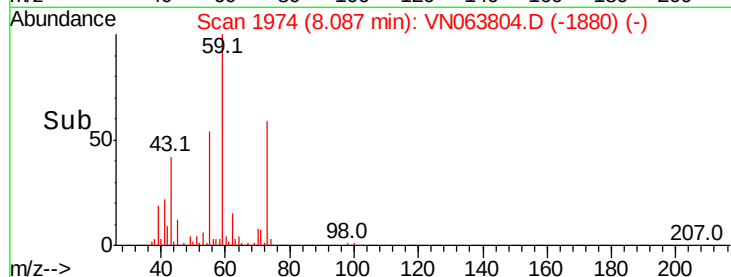
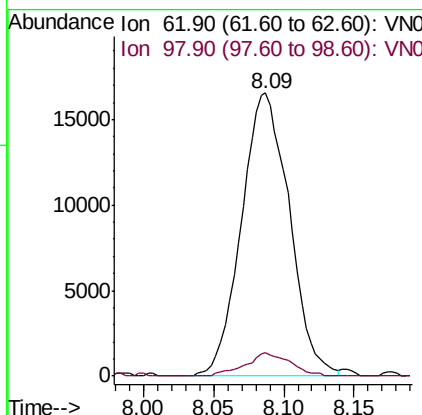
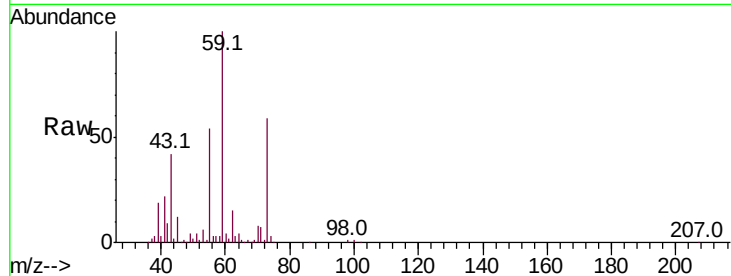




#42
 1,2-Dichloroethane
 Concen: 8.085 ug/l
 RT: 8.09 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

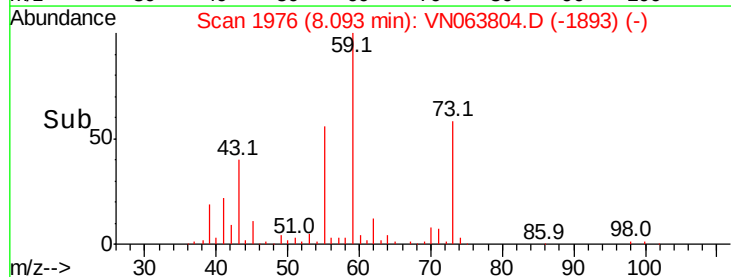
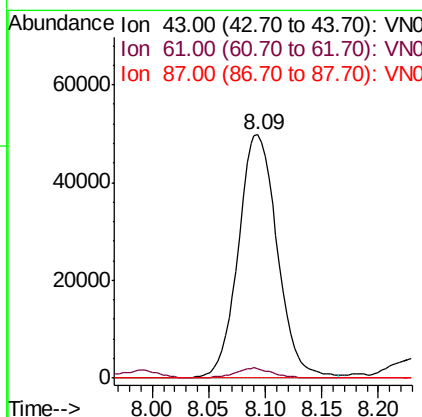
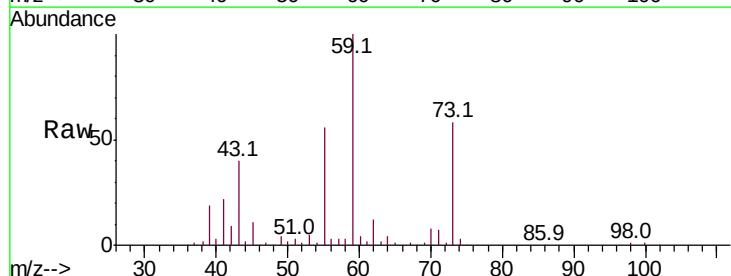
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

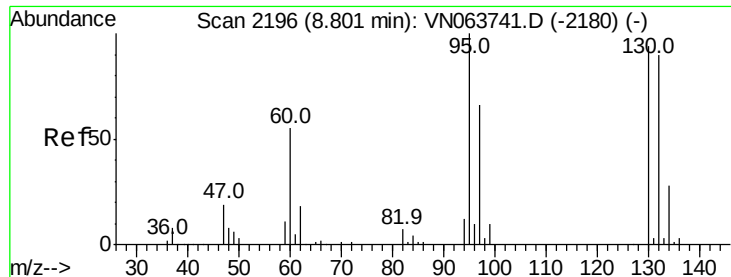
Tot Ion: 62 Resp: 39218
 Ion Ratio Lower Upper
 62 100
 98 7.8 0.0 15.0



#43
 Isopropyl Acetate
 Concen: 18.322 ug/l
 RT: 8.09 min Scan# 1976
 Delta R.T. -0.03 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

Tgt Ion: 43 Resp: 119458
 Ion Ratio Lower Upper
 43 100
 61 3.9 14.2 21.4#
 87 0.0 9.0 13.6#





#44

Trichloroethene

Concen: 0.713 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampled :

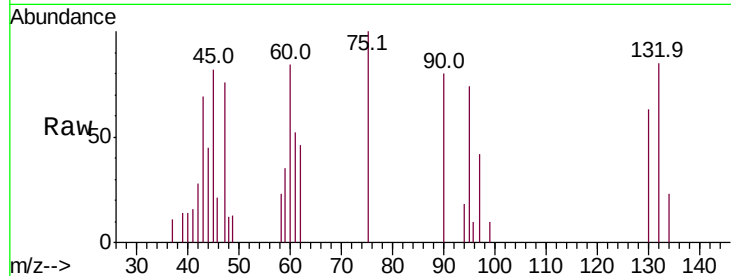
MW-1

Tot Ion:130 Resp: 2123

Ion Ratio Lower Upper

130 100

95 117.0 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

1500

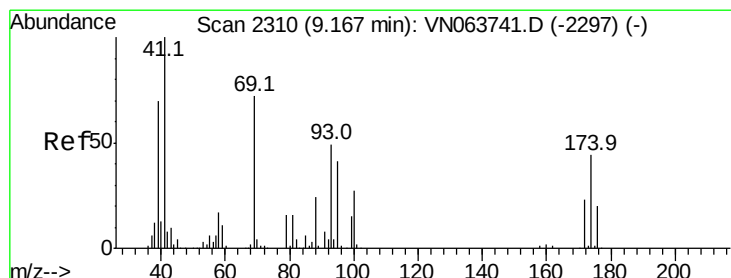
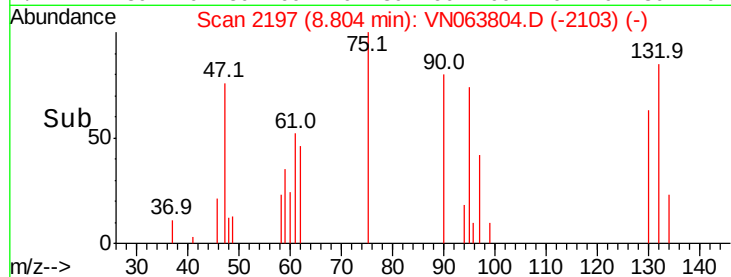
1000

500

0

8.75 8.80 8.85

Time-->



#48

Methyl methacrylate

Concen: 1.790 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

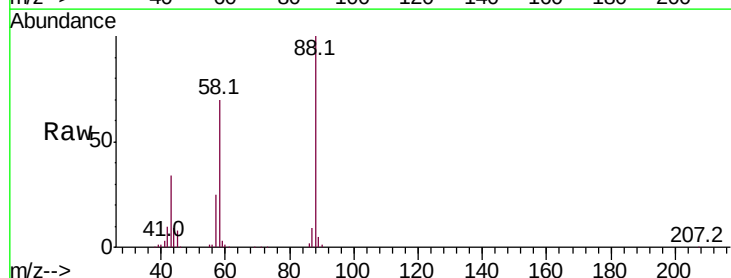
Tgt Ion: 41 Resp: 5765

Ion Ratio Lower Upper

41 100

69 7.1 60.9 91.3#

39 39.5 57.5 86.3#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 39.00 (38.70 to 39.70): VN

3000

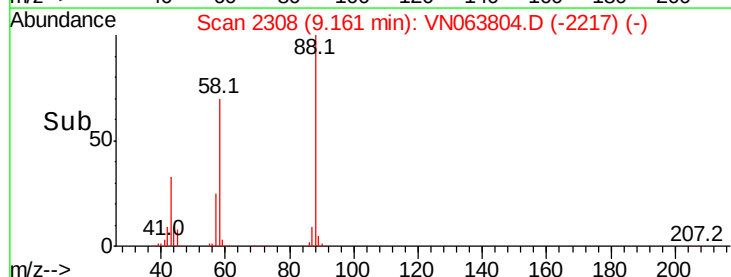
2000

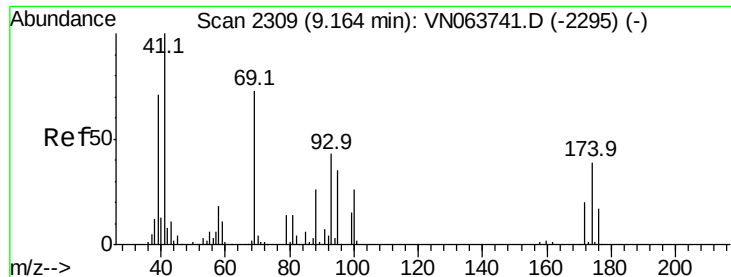
1000

0

9.10 9.15 9.20 9.25

Time-->





#49

1,4-Dioxane

Concen: 4239.087 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampled :

MW-1

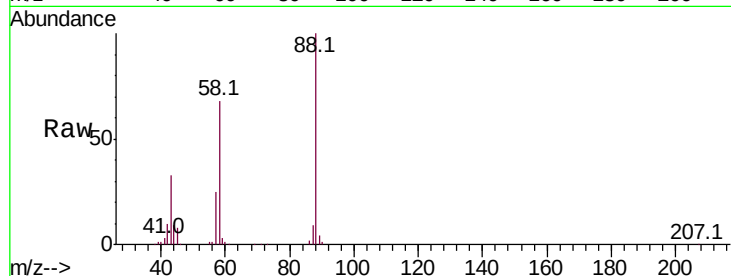
Tot Ion: 88 Resp: 194072

Ion Ratio Lower Upper

88 100

43 33.6 33.1 49.7

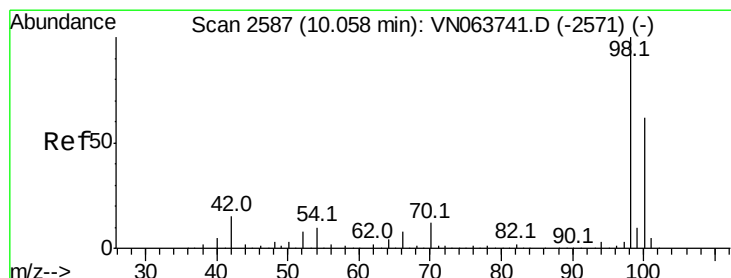
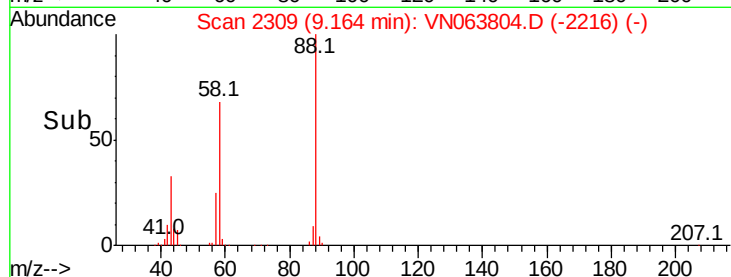
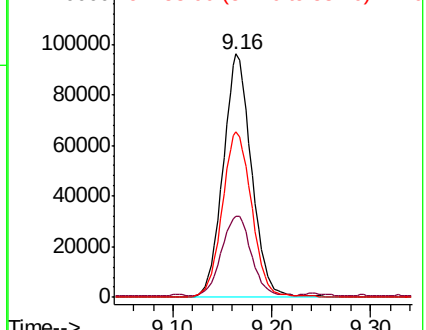
58 70.7 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.647 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063804.D

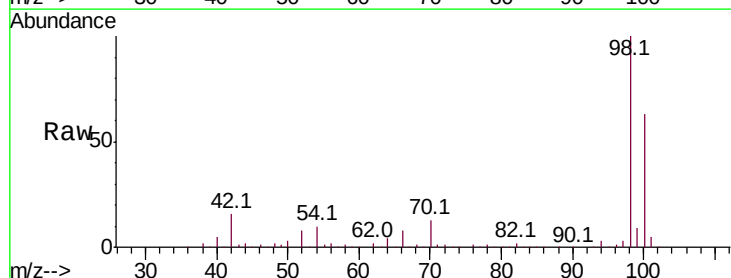
Acq: 2 Oct 2020 5:20

Tgt Ion: 98 Resp: 492202

Ion Ratio Lower Upper

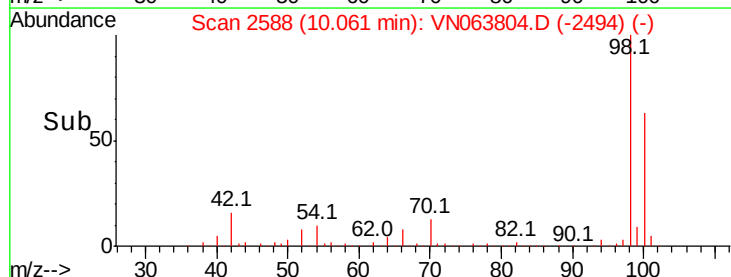
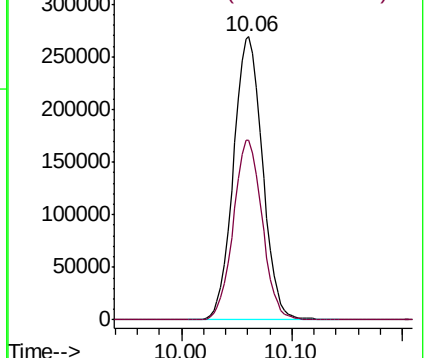
98 100

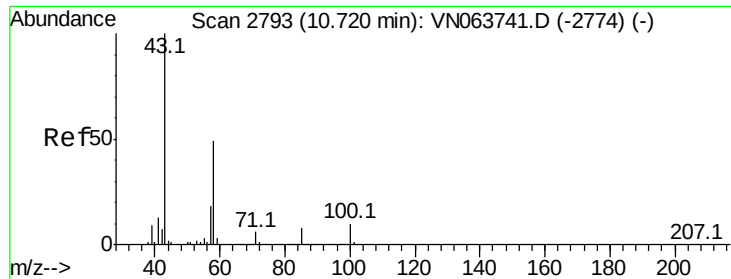
100 63.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

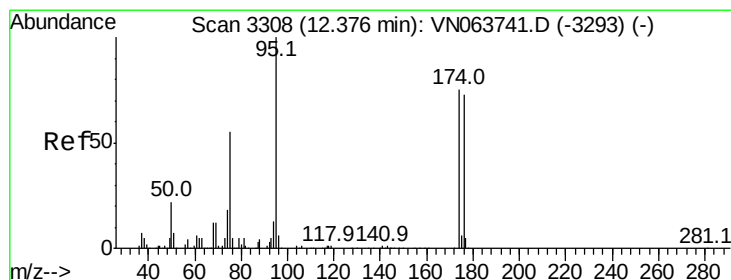
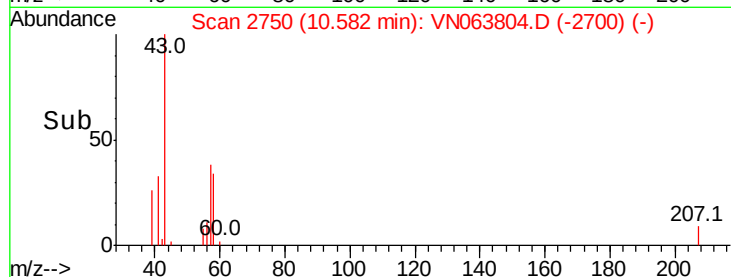
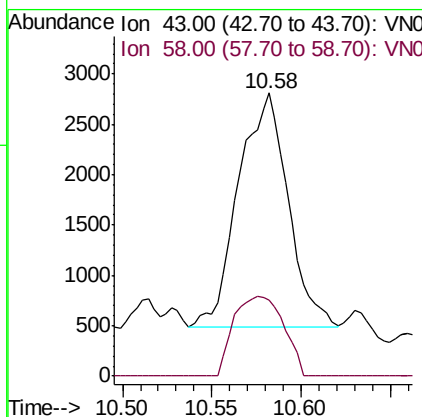
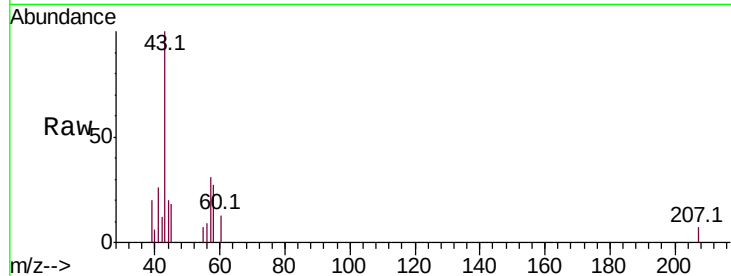




#59
2-Hexanone
Concen: 1.587 ug/l
RT: 10.58 min Scan# 2750
Delta R.T. -0.14 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

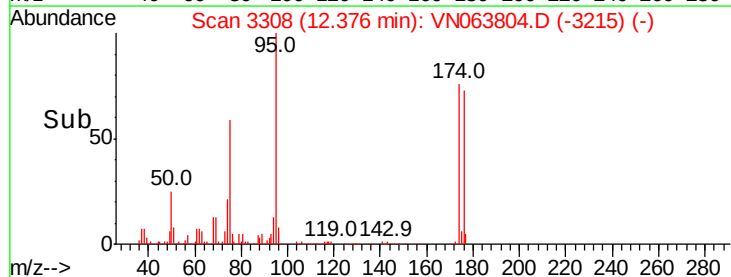
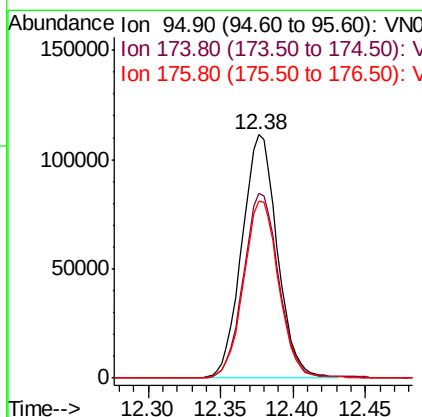
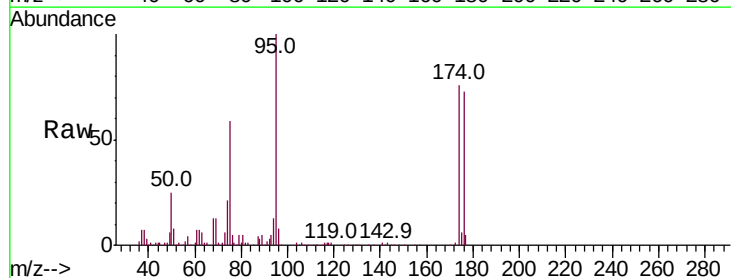
Instrument :
MSVOA_N
ClientSampleId :
MW-1

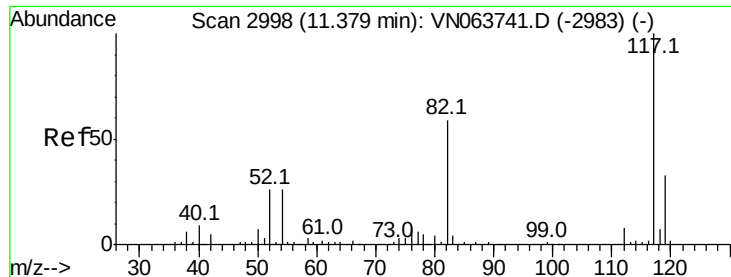
Tot Ion: 43 Resp: 4512
Ion Ratio Lower Upper
43 100
58 34.4 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 48.842 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tgt Ion: 95 Resp: 189662
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.6
176 71.7 0.0 145.4

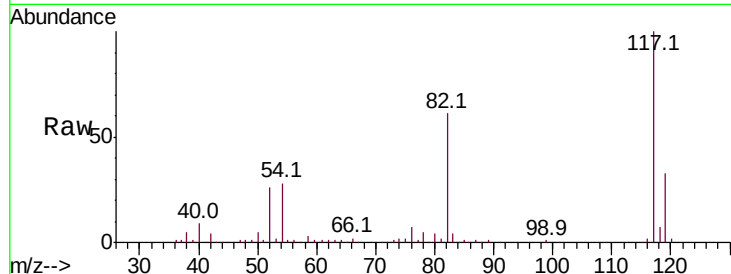




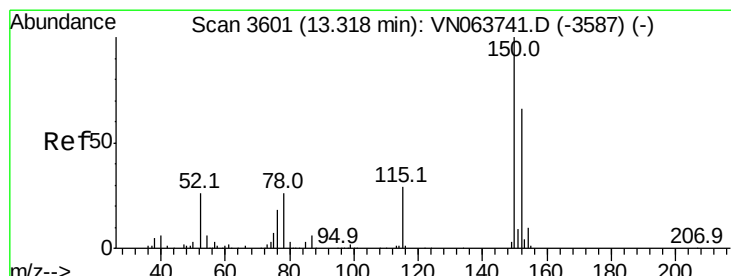
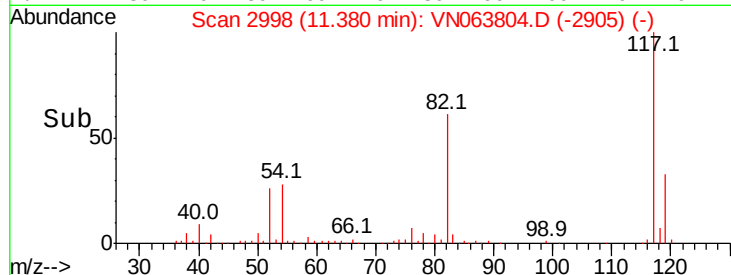
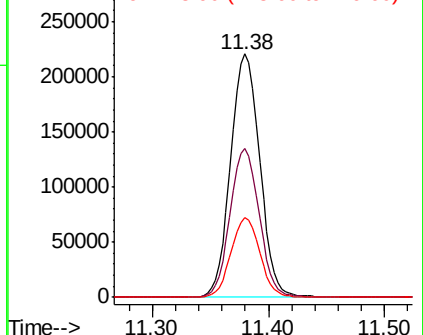
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tot Ion:117 Resp: 386050
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.6 26.4 39.6

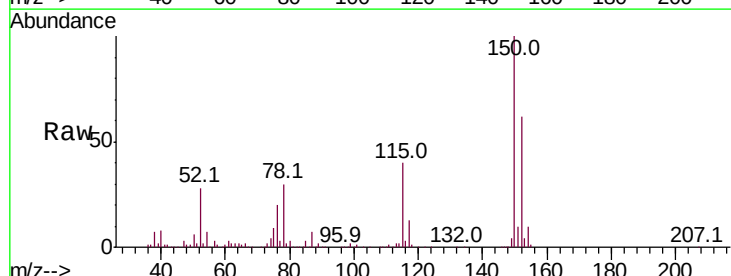


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

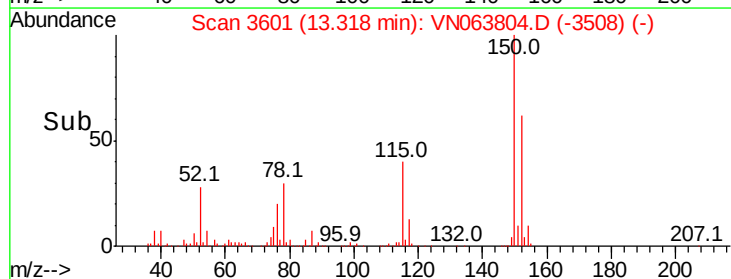
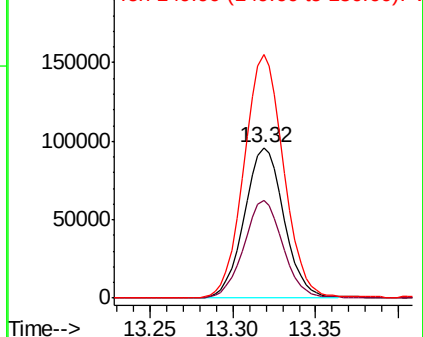


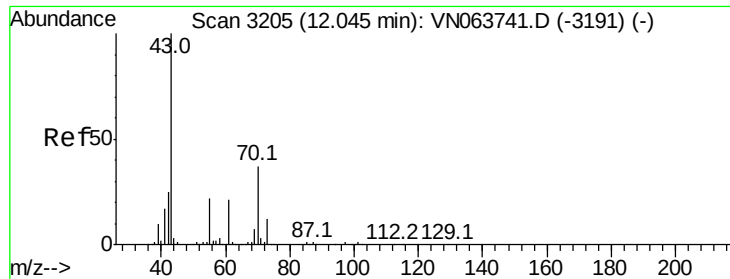
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tgt Ion:152 Resp: 159801
Ion Ratio Lower Upper
152 100
115 64.0 31.3 93.8
150 162.4 0.0 341.8



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





#74

N-amvl acetate

Concen: 2.247 ug/l

RT: 12.05 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampled :

MW-1

Tot Ion: 43 Resp: 174

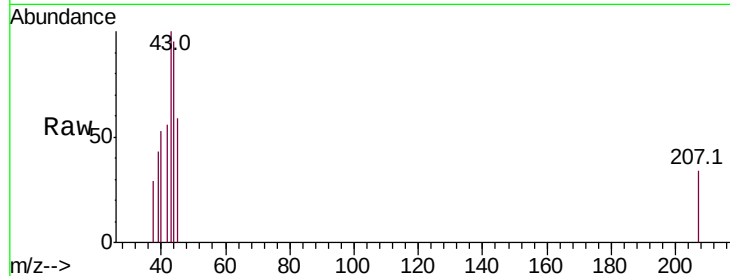
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#



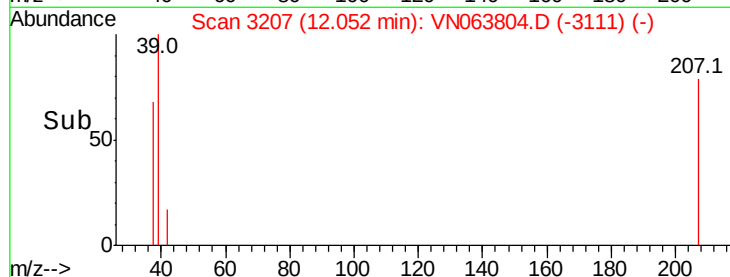
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

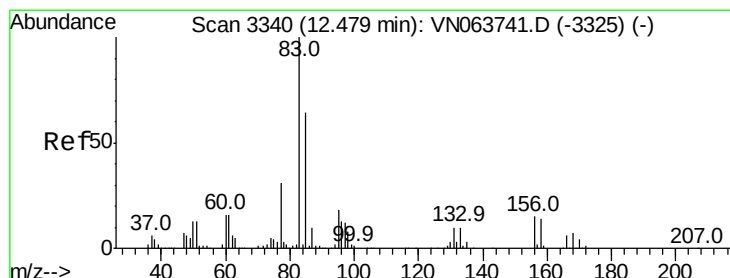
Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.570 ug/l

RT: 12.37 min Scan# 3305

Delta R.T. -0.11 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

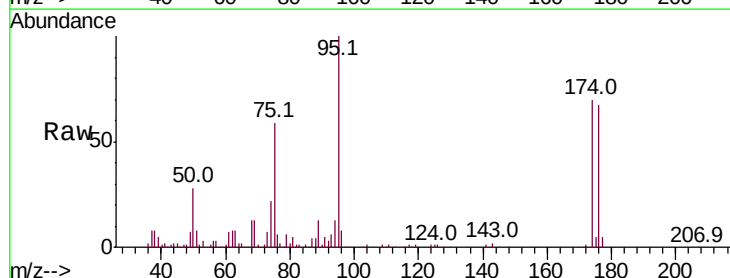
Tgt Ion: 83 Resp: 2033

Ion Ratio Lower Upper

83 100

131 5.3 5.3 15.8

85 60.0 31.3 93.8

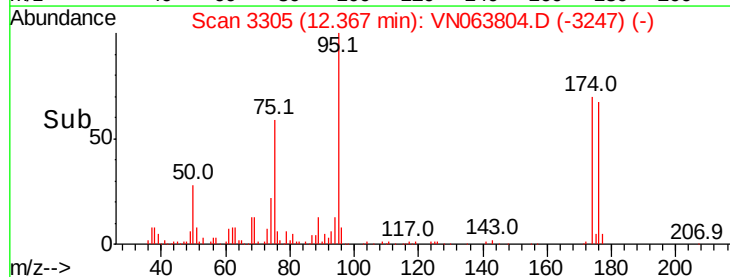


Abundance Ion 82.90 (82.60 to 83.60): VN0

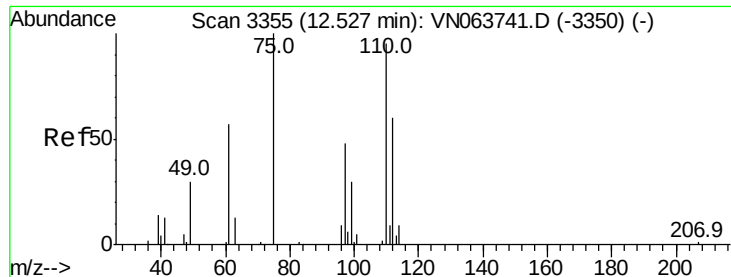
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

12.37



Time-->



#76

1,2,3-Trichloropropane

Concen: 31.240 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampled :

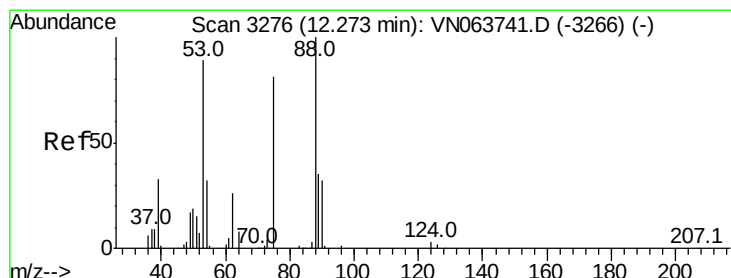
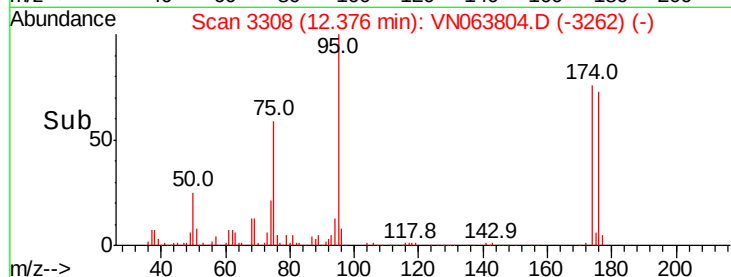
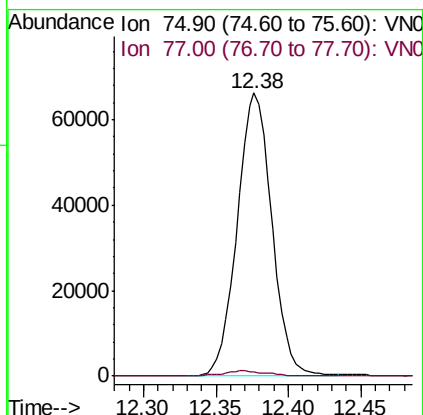
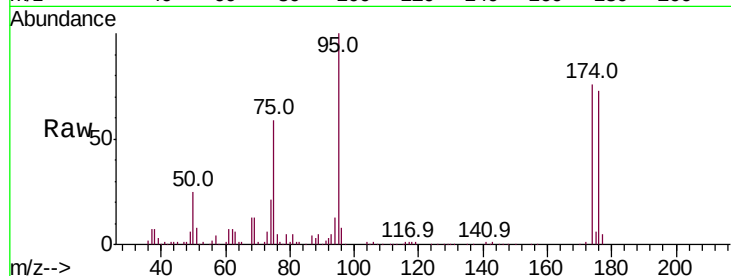
MW-1

Tot Ion: 75 Resp: 110048

Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.977 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

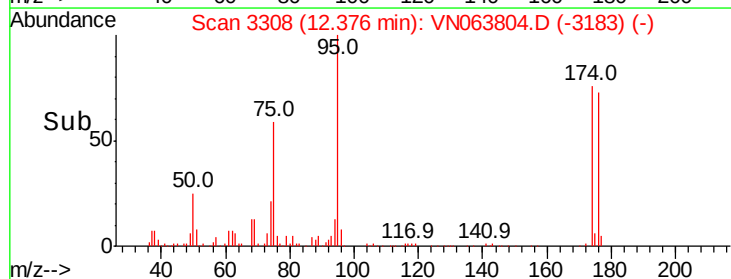
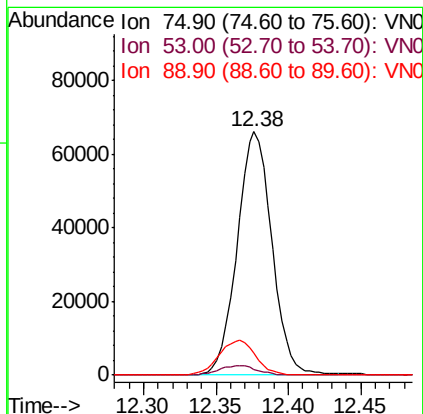
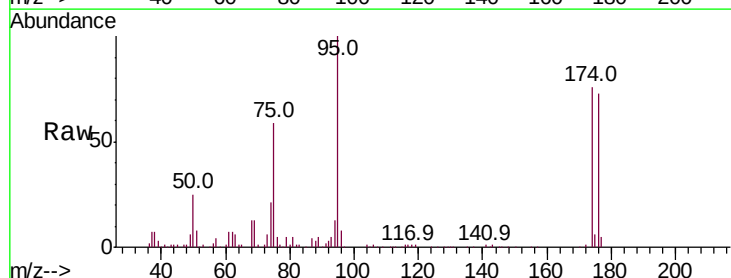
Tgt Ion: 75 Resp: 110048

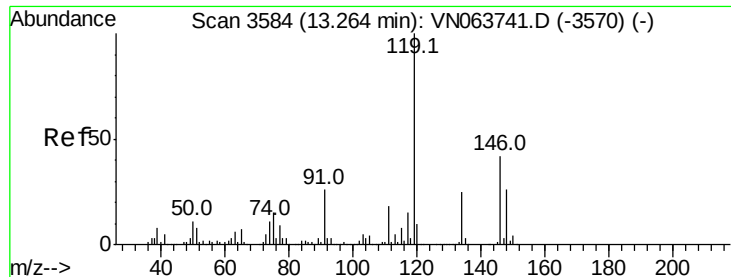
Ion Ratio Lower Upper

75 100

53 4.3 88.2 132.2#

89 15.1 36.0 54.0#

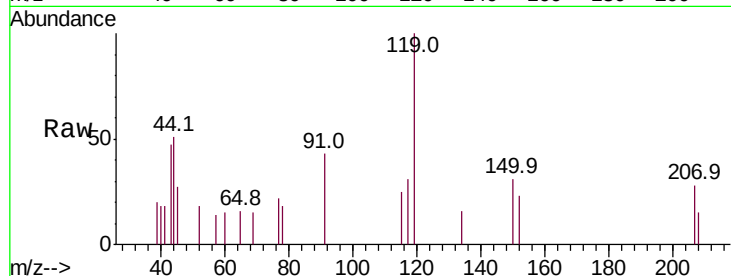




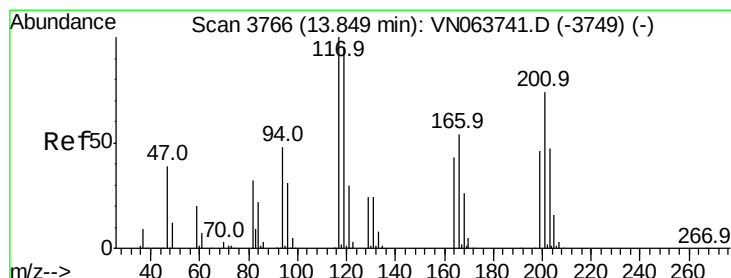
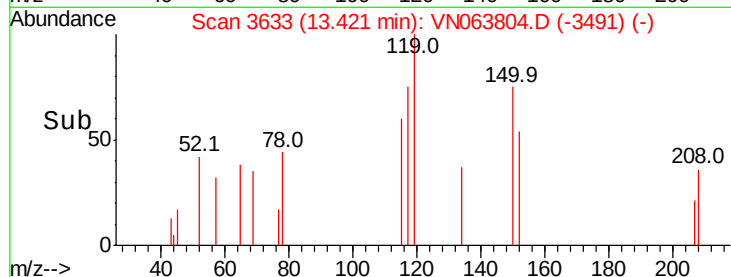
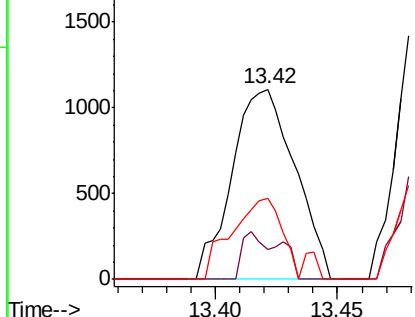
#86
 p-Isopropyltoluene
 Concen: 0.213 ug/l
 RT: 13.42 min Scan# 3633
 Delta R.T. 0.16 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

Tot Ion:119 Resp: 1982
 Ion Ratio Lower Upper
 119 100
 134 8.9 12.6 37.8#
 91 34.2 13.4 40.2

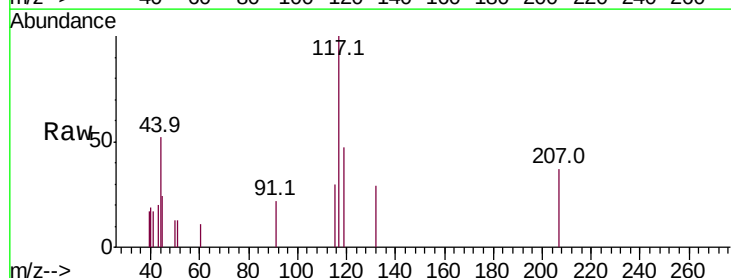


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



#90
 Hexachloroethane
 Concen: 1.183 ug/l
 RT: 13.97 min Scan# 3804
 Delta R.T. 0.12 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

Tgt Ion:117 Resp: 2131
 Ion Ratio Lower Upper
 117 100
 201 0.0 36.0 108.0#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V

