

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063484.D
 Acq On : 21 Sep 2020 14:34
 Operator : JC/MD
 Sample : L4053-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1799

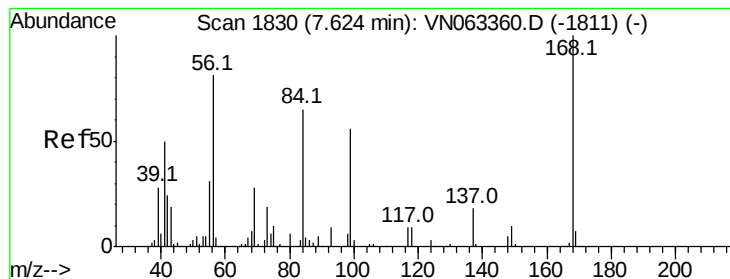
Quant Time: Sep 22 02:24:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	256081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210595	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	202259	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
35) Dibromofluoromethane	7.55	113	145592	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	
50) Toluene-d8	10.06	98	592741	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.38	95	247615	55.78	ug/l	0.00
Spiked Amount			Recovery	=	111.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1335	0.348	ug/l #	76
11) Tert butyl alcohol	4.72	59	4899	8.112	ug/l #	80
13) Acrolein	3.56	56	186	0.831	ug/l	86
14) Allyl chloride	4.23	41	2829	0.495	ug/l #	22
16) Acetone	3.77	43	899502	642.059	ug/l	99
17) Carbon Disulfide	4.03	76	2621	0.312	ug/l #	75
18) Methyl Acetate	4.01	43	44132	12.409	ug/l #	54
20) Methylene Chloride	4.50	84	1708	0.481	ug/l #	76
25) 2-Butanone	6.78	43	419429	194.662	ug/l	99
31) Cyclohexane	7.62	56	7633	1.268	ug/l #	27
36) 1,1-Dichloropropene	7.62	75	23164	4.674	ug/l #	51
37) Ethyl Acetate	6.78	43	419429	86.226	ug/l #	70
38) Carbon Tetrachloride	7.62	117	27834	5.502	ug/l #	19
40) Benzene	8.00	78	11805	0.834	ug/l	97
41) Methacrylonitrile	7.14	41	7616	3.481	ug/l #	100
48) Methyl methacrylate	9.15	41	3031	0.709	ug/l #	51
49) 1,4-Dioxane	9.19	88	32	0.522	ug/l #	20
51) 4-Methyl-2-Pentanone	9.95	43	7355	1.510	ug/l	96
52) Toluene	10.13	92	114961	13.515	ug/l	98
53) t-1,3-Dichloropropene	10.13	75	1491	0.254	ug/l #	1
59) 2-Hexanone	10.72	43	17162	4.865	ug/l	97
67) Ethyl Benzene	11.48	91	7058	0.382	ug/l	98
68) m/p-Xylenes	11.59	106	1672	0.251	ug/l #	51
71) Bromoform	12.38	173	576	0.215	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	136818	26.248	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	136818	71.962	ug/l #	7
95) Naphthalene	15.11	128	3676	0.273	ug/l #	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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MSVOA_N

ClientSampled :

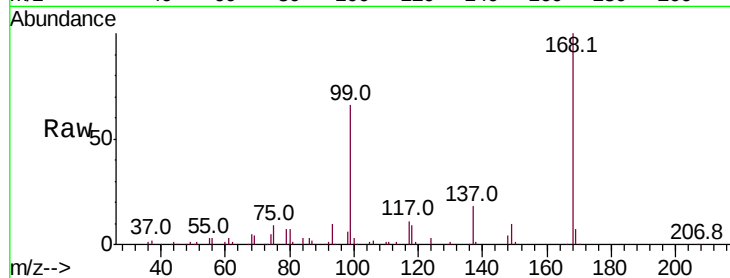
1799

Tot Ion:168 Resp: 256081

Ion Ratio Lower Upper

168 100

99 65.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

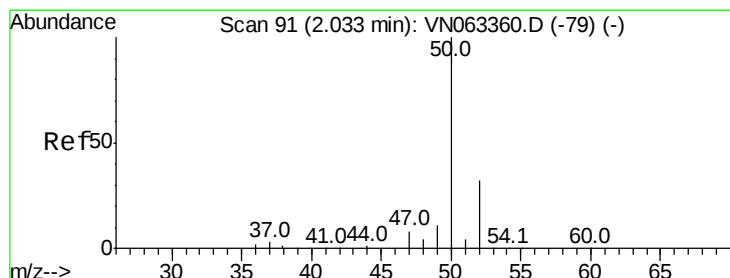
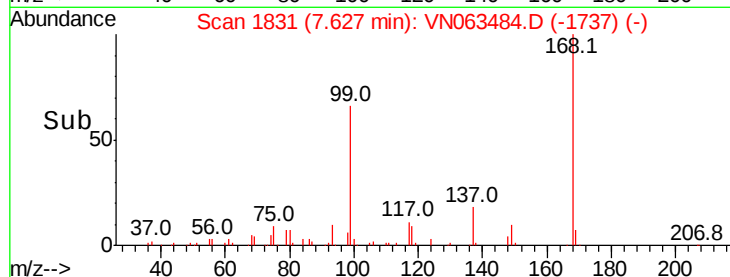
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.348 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063484.D

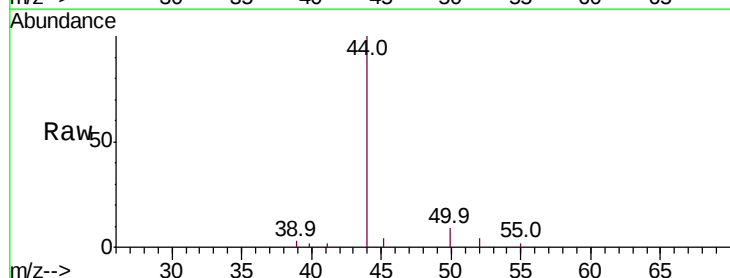
Acq: 21 Sep 2020 14:34

Tgt Ion: 50 Resp: 1335

Ion Ratio Lower Upper

50 100

52 45.7 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

800

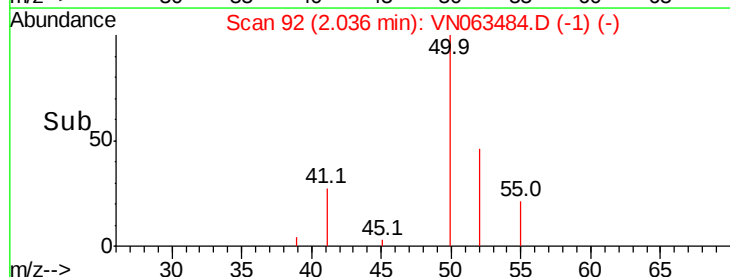
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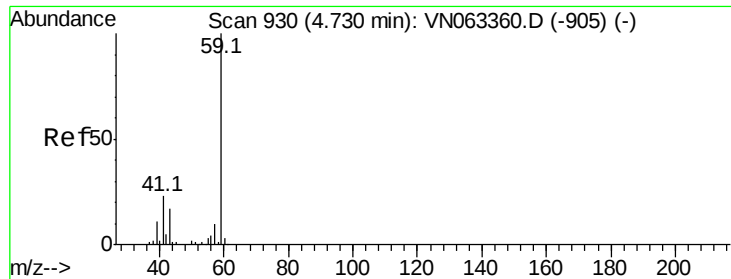
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08



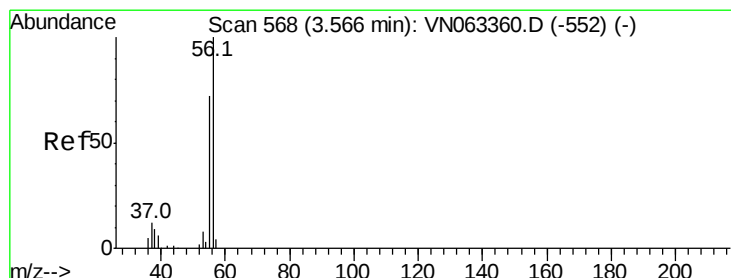
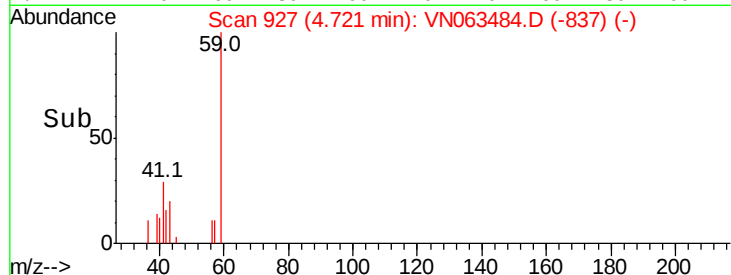
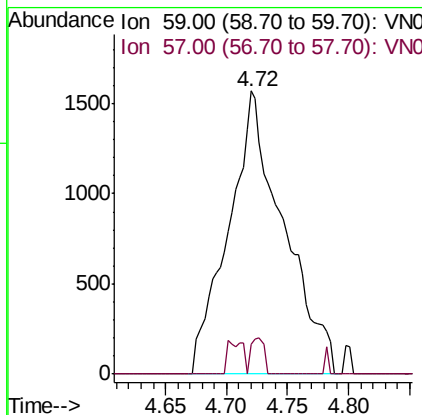
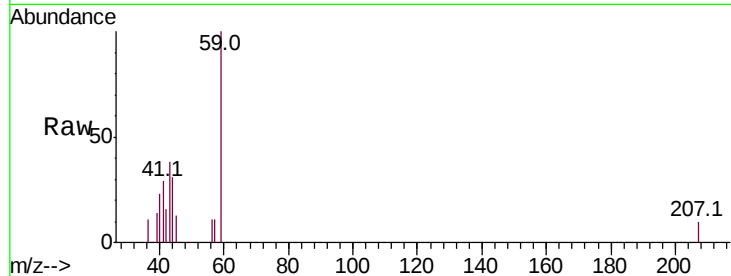


#11

Tert butyl alcohol
 Concen: 8.112 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063484.D
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 ClientSampleId :
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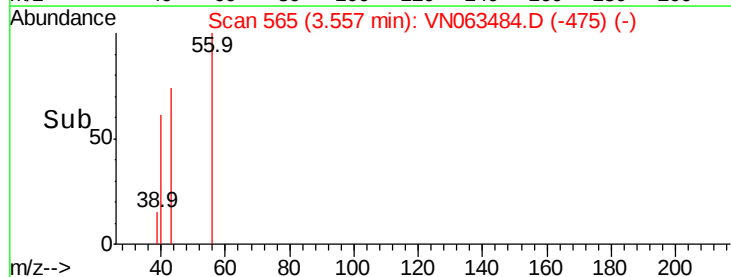
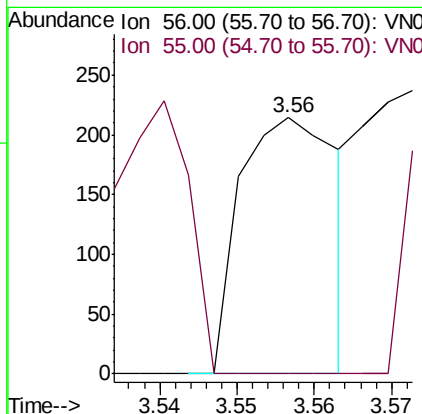
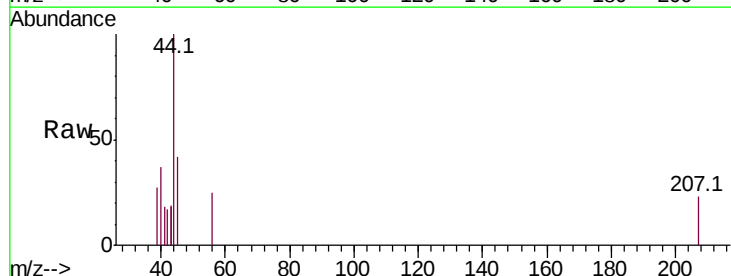
Tot Ion: 59 Resp: 4899
 Ion Ratio Lower Upper
 59 100
 57 2.9 8.4 12.6#

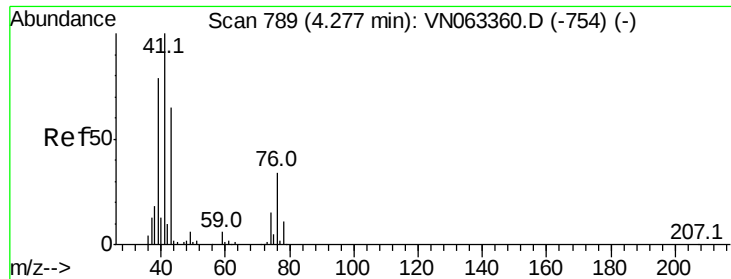


#13

Acrolein
 Concen: 0.831 ug/l
 RT: 3.56 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VN063484.D
 Acq: 21 Sep 2020 14:34

Tgt Ion: 56 Resp: 186
 Ion Ratio Lower Upper
 56 100
 55 61.3 58.2 87.2

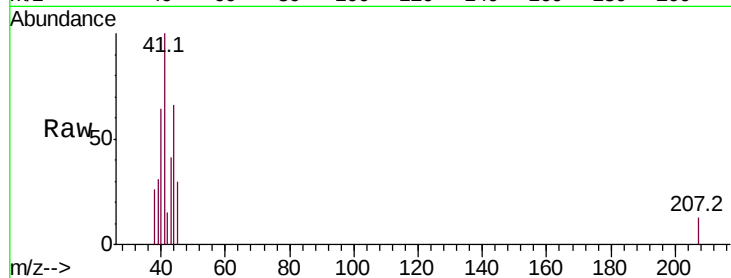




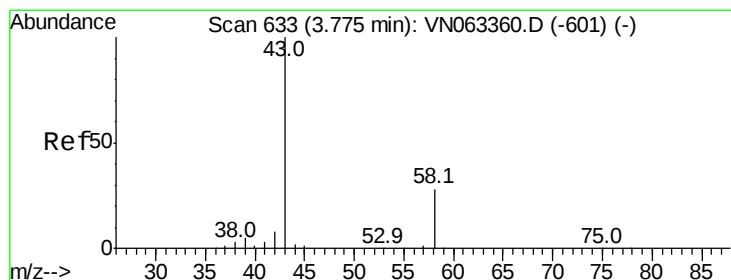
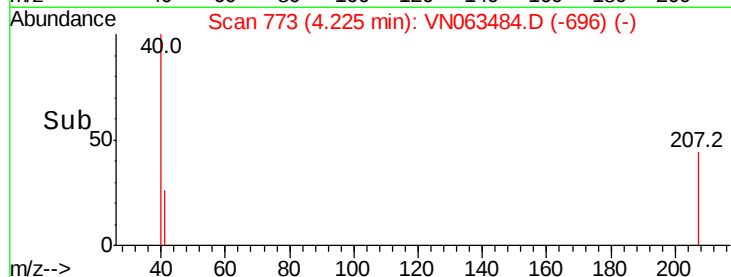
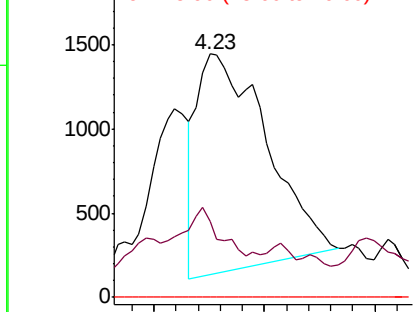
#14
Allvl chloride
Concen: 0.495 ug/l
RT: 4.23 min Scan# 773
Delta R.T. -0.05 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :
1799

Tot Ion: 41 Resp: 2829
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
76 0.0 25.3 37.9#

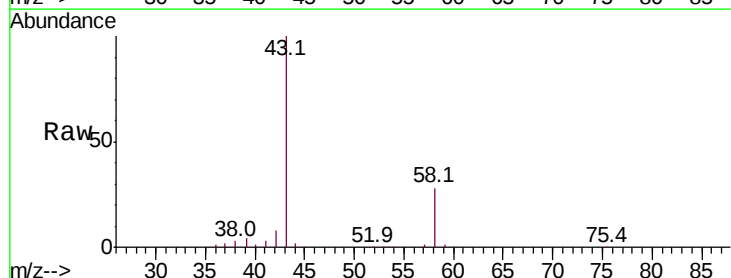


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

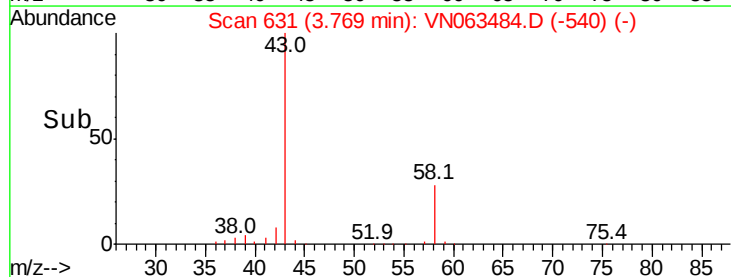
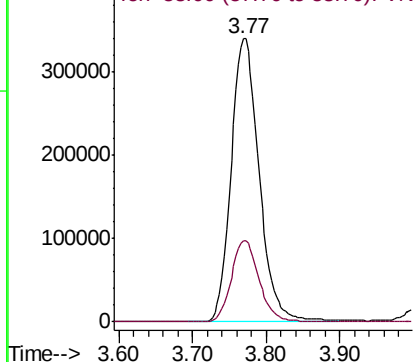


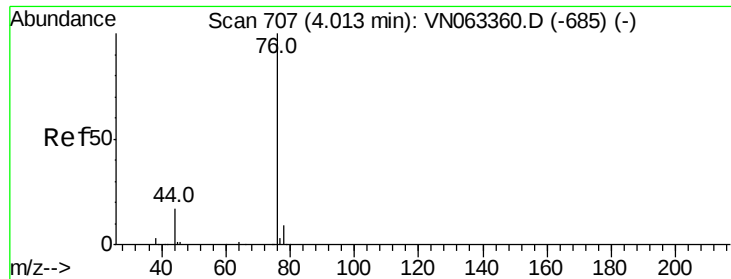
#16
Acetone
Concen: 642.059 ug/l
RT: 3.77 min Scan# 631
Delta R.T. -0.01 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

Tgt Ion: 43 Resp: 899502
Ion Ratio Lower Upper
43 100
58 28.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

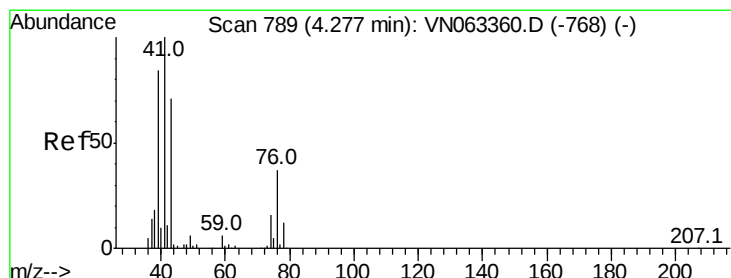
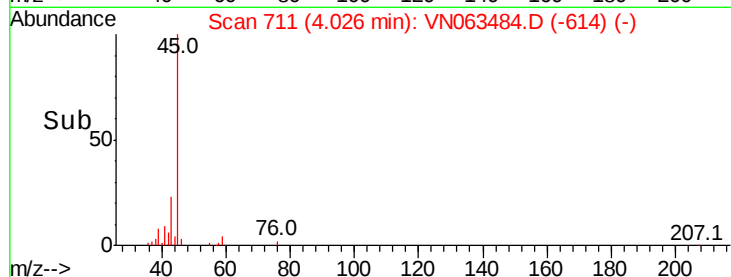
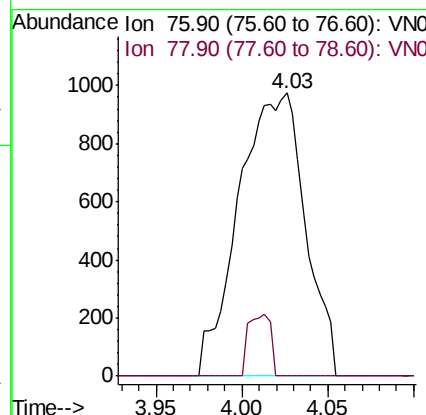
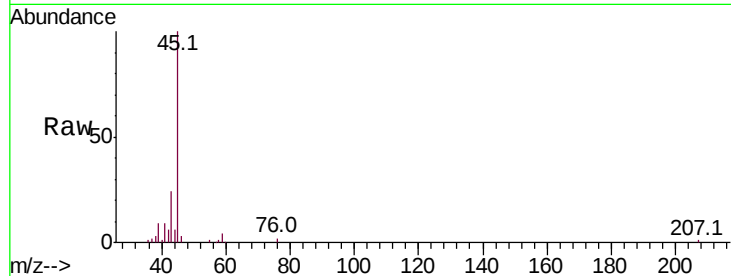




#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 4.03 min Scan# 711
Delta R.T. 0.01 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

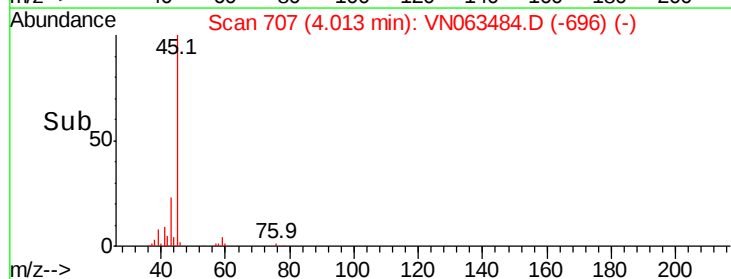
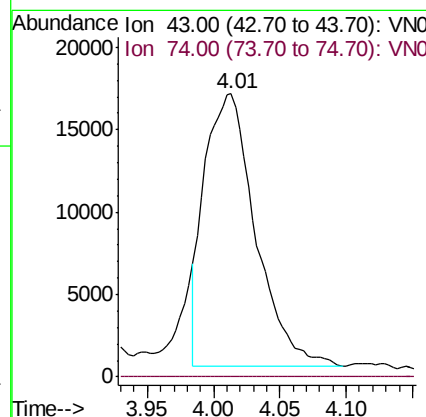
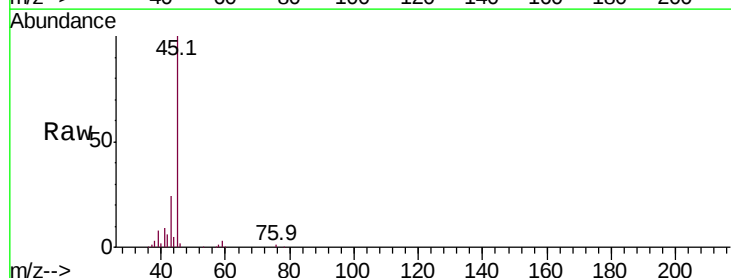
Instrument :
MSVOA_N
ClientSampled :
1799

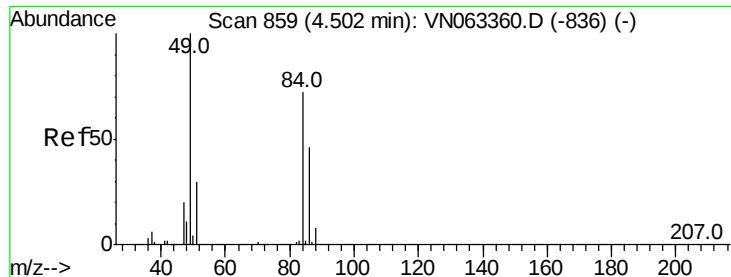
Tot Ion: 76 Resp: 2621
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 12.409 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.26 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

Tgt Ion: 43 Resp: 44132
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#





#20

Methvlene Chloride

Concen: 0.481 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :
MSVOA_N
ClientSampled :
1799

Tot Ion: 84 Resp: 1708

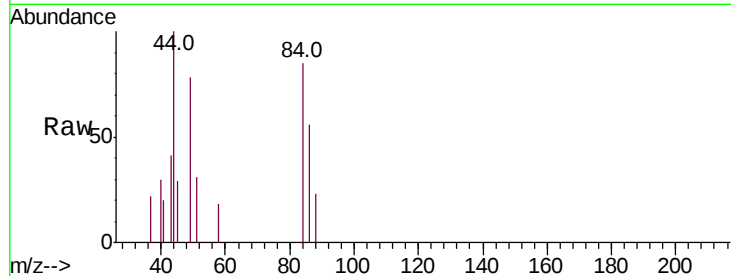
Ion Ratio Lower Upper

84 100

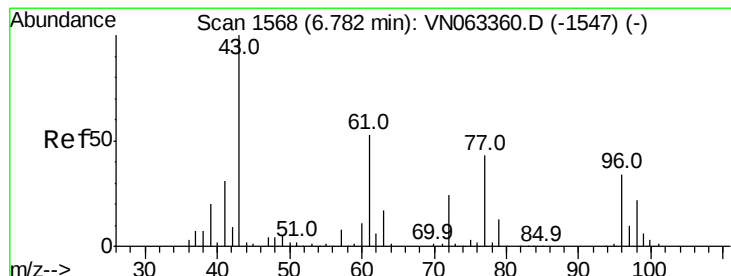
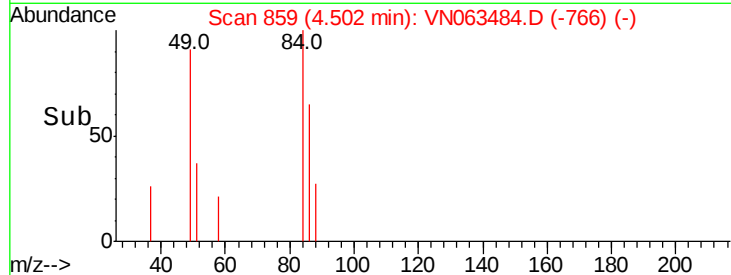
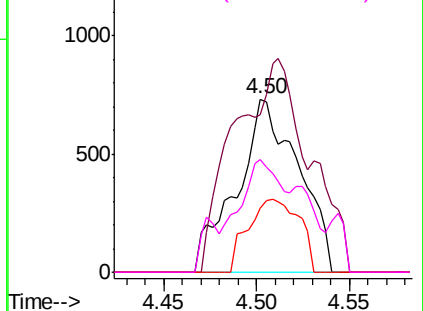
49 91.4 110.7 166.1#

51 36.9 32.9 49.3

86 65.3 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 194.662 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063484.D

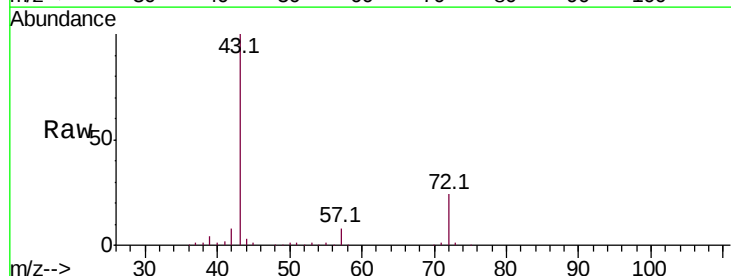
Acq: 21 Sep 2020 14:34

Tgt Ion: 43 Resp: 419429

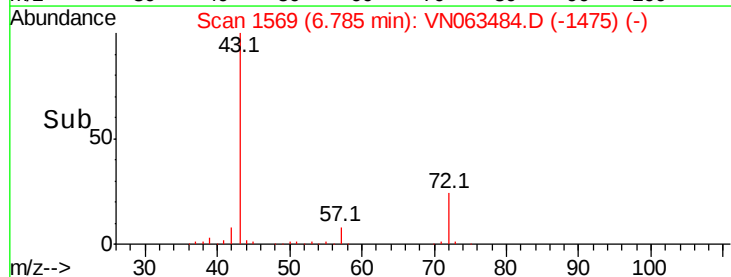
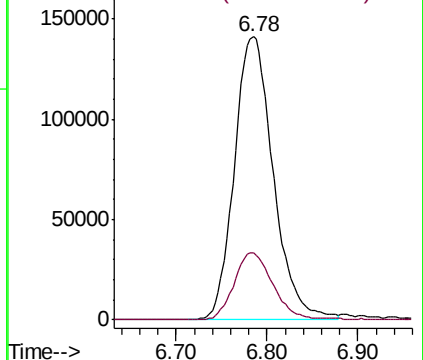
Ion Ratio Lower Upper

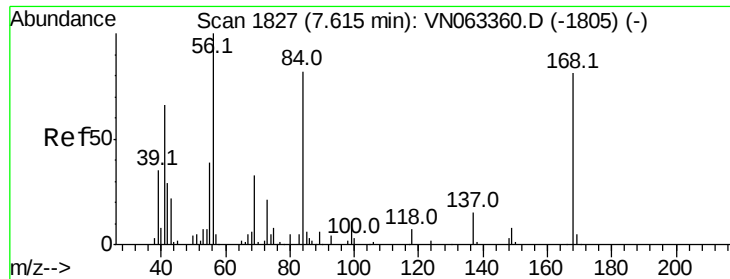
43 100

72 23.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

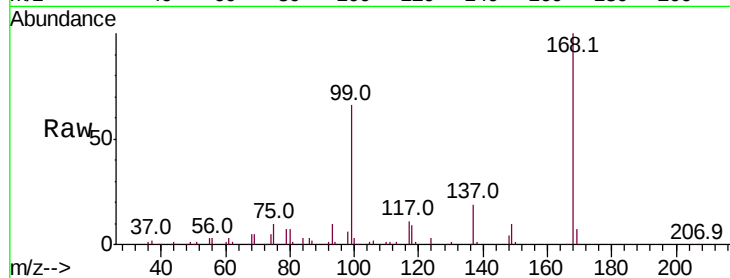




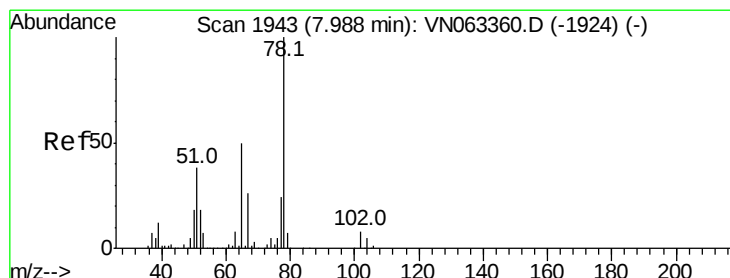
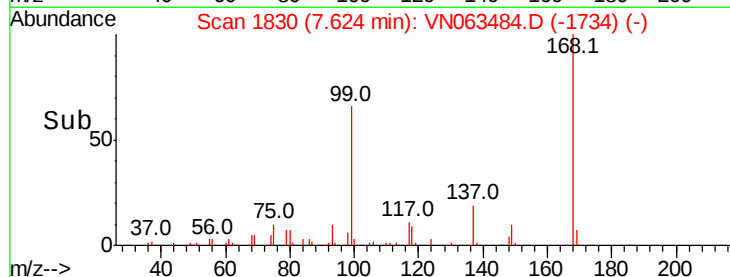
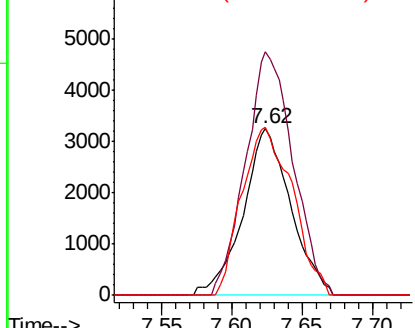
#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

Instrument :
MSVOA_N
ClientSampled :
1799

Tot Ion: 56 Resp: 7633
Ion Ratio Lower Upper
56 100
69 146.3 26.1 39.1#
84 100.8 65.4 98.2#

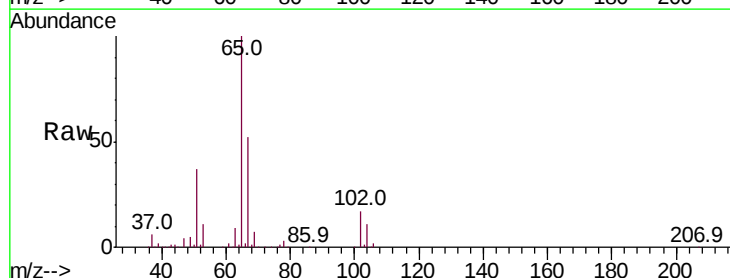


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

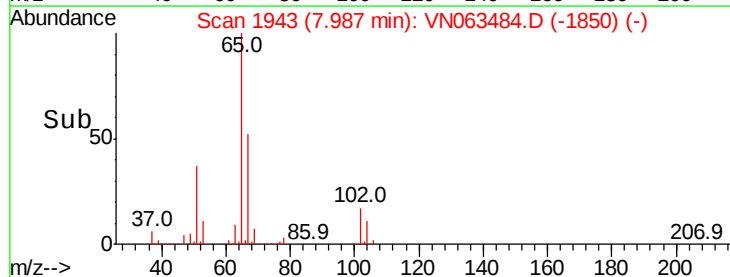
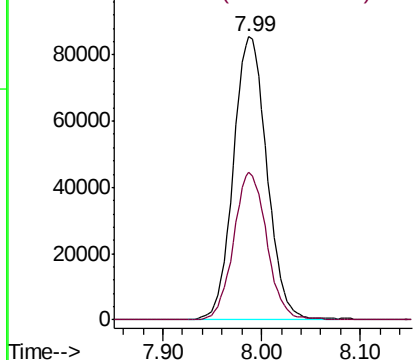


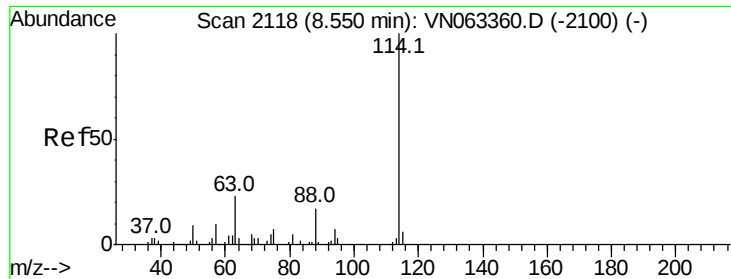
#33
1,2-Dichloroethane-d4
Concen: 46.398 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

Tgt Ion: 65 Resp: 202259
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

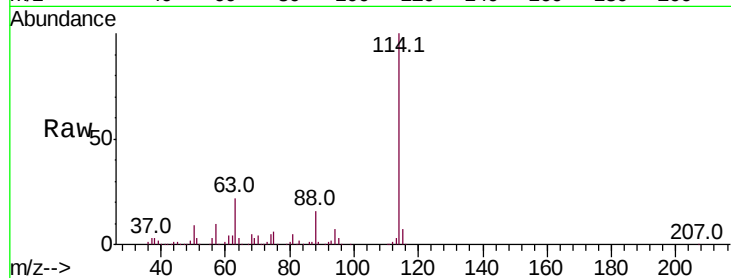




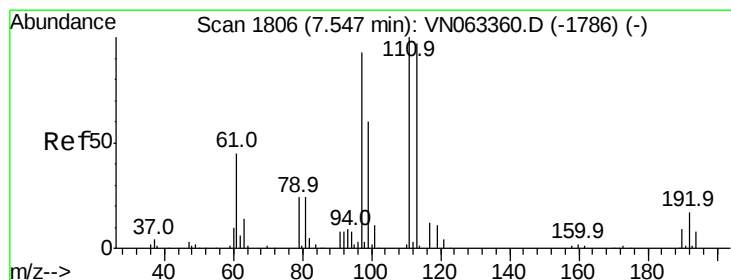
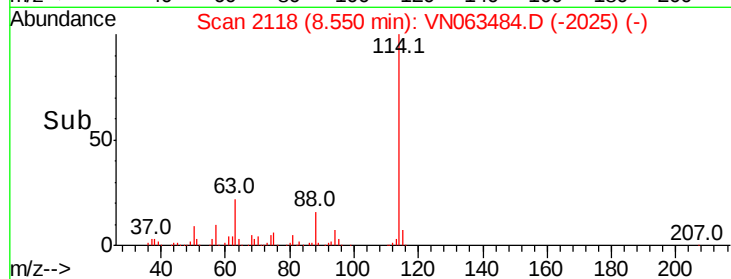
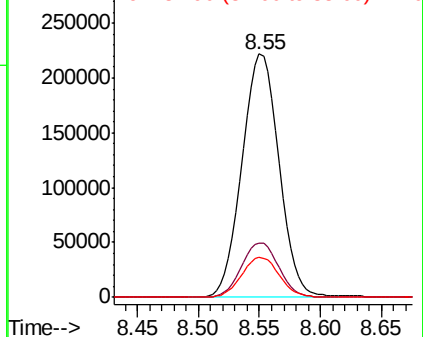
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063484.D
 Acq: 21 Sep 2020 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 1799

Tot Ion:114 Resp: 465213
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 46.4
 88 16.4 0.0 33.2

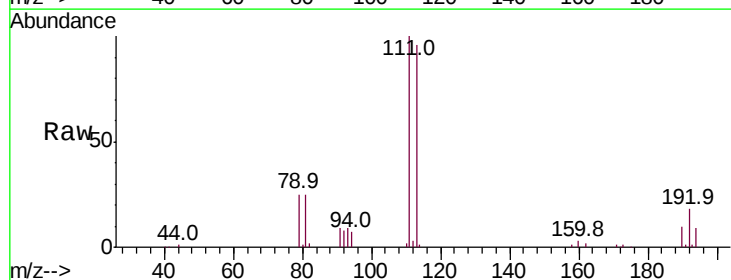


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

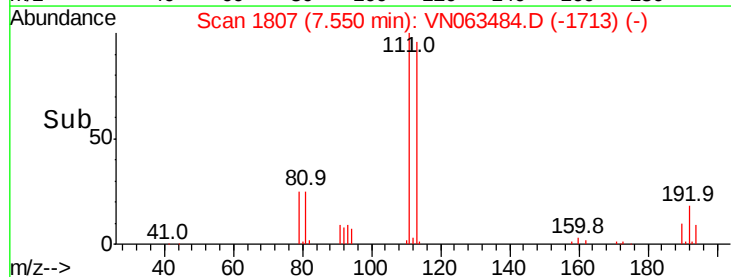
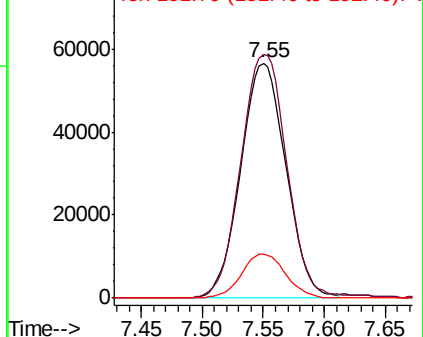


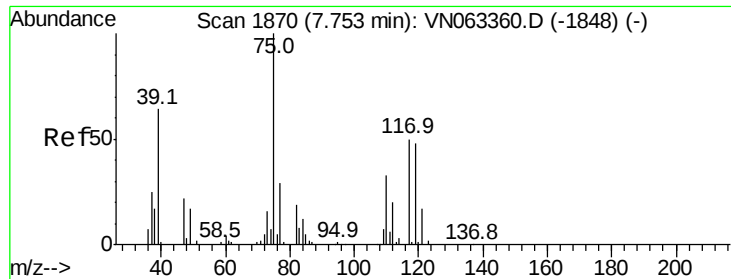
#35
 Dibromofluoromethane
 Concen: 45.207 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063484.D
 Acq: 21 Sep 2020 14:34

Tgt Ion:113 Resp: 145592
 Ion Ratio Lower Upper
 113 100
 111 105.6 82.9 124.3
 192 18.3 13.9 20.9



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: 4.674 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

1799

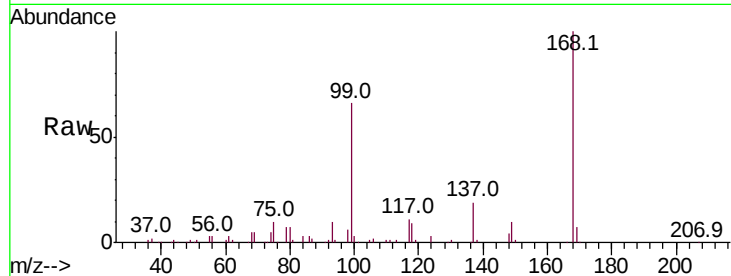
Tot Ion: 75 Resp: 23164

Ion Ratio Lower Upper

75 100

110 9.4 16.5 49.5#

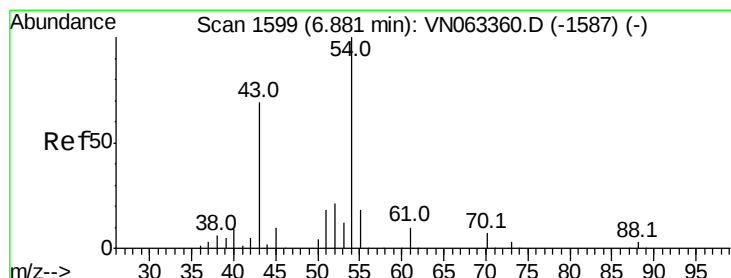
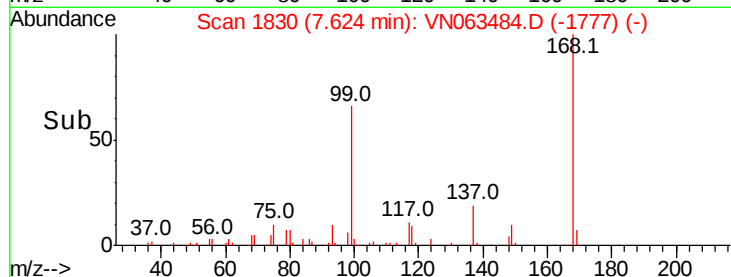
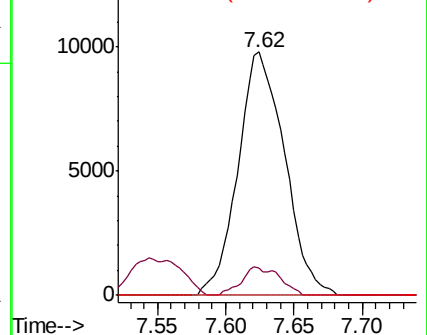
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN063360.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN063360.D (-1848) (-)



#37

Ethyl Acetate

Concen: 86.226 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.10 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

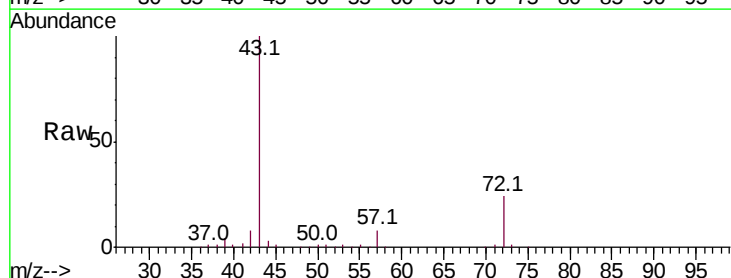
Tgt Ion: 43 Resp: 419429

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

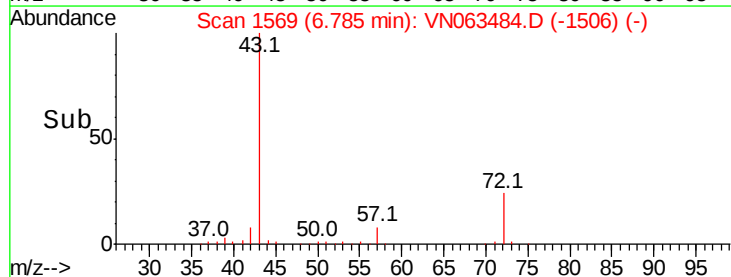
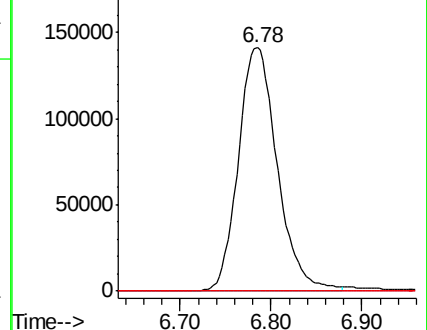
70 0.1 7.2 10.8#

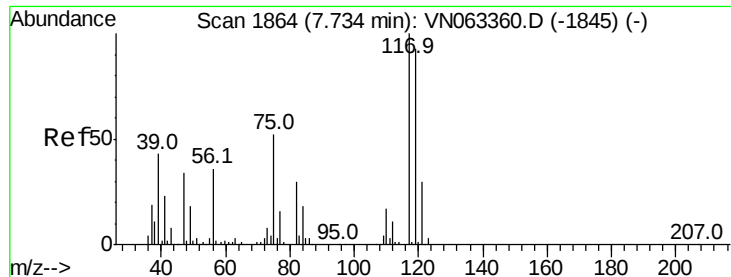


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063360.D (-1587) (-)





#38

Carbon Tetrachloride

Concen: 5.502 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

1799

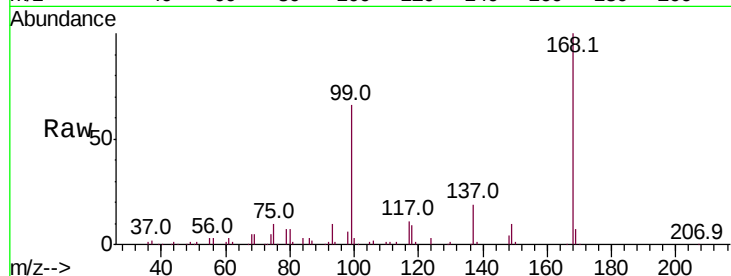
Tot Ion:117 Resp: 27834

Ion Ratio Lower Upper

117 100

119 6.9 74.5 111.7#

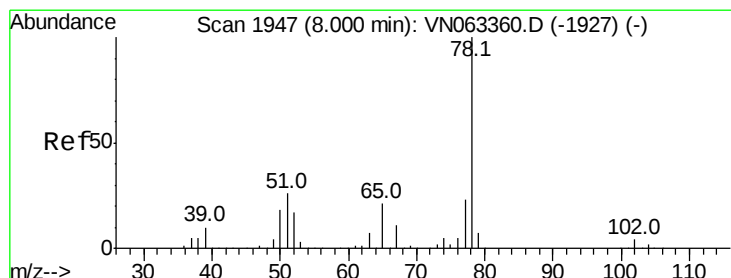
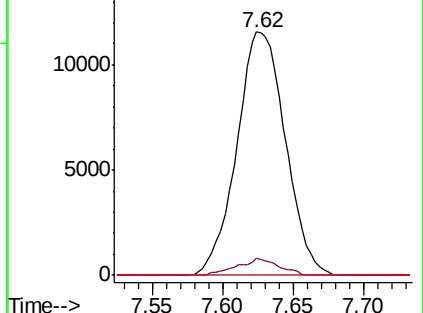
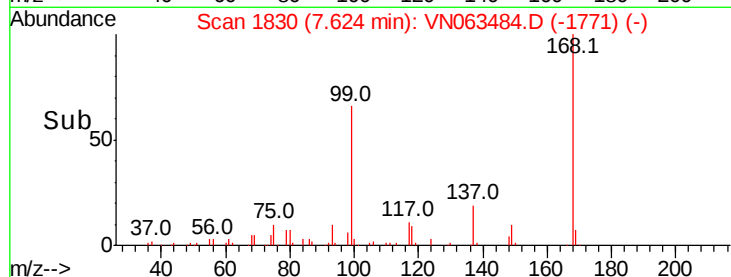
121 0.0 24.1 36.1#



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



#40

Benzene

Concen: 0.834 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063484.D

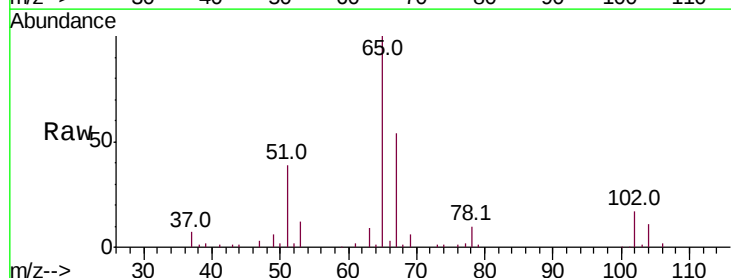
Acq: 21 Sep 2020 14:34

Tgt Ion: 78 Resp: 11805

Ion Ratio Lower Upper

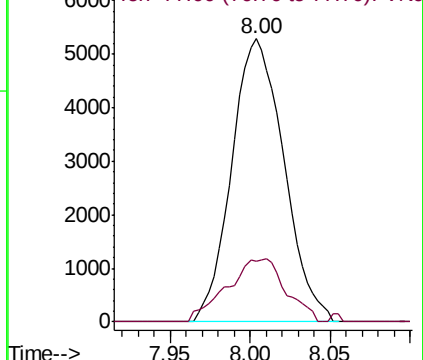
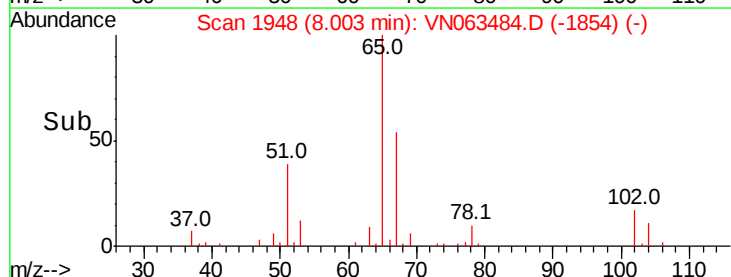
78 100

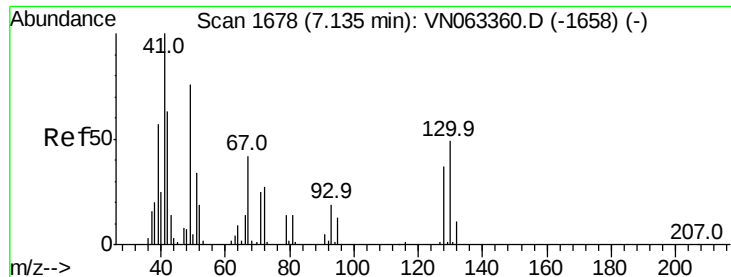
77 21.3 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

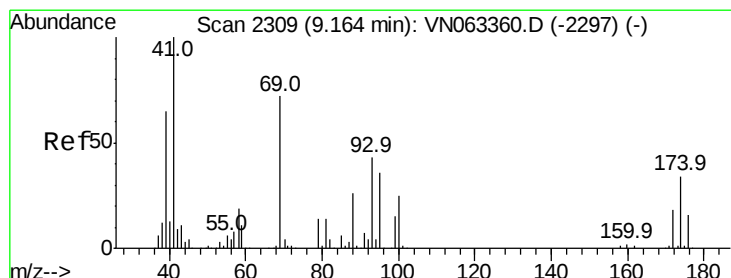
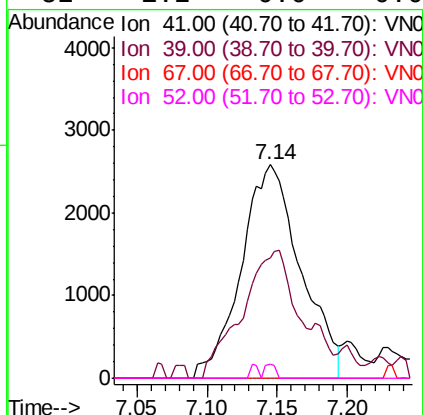
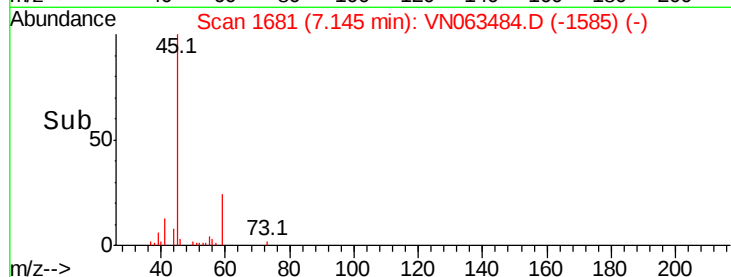
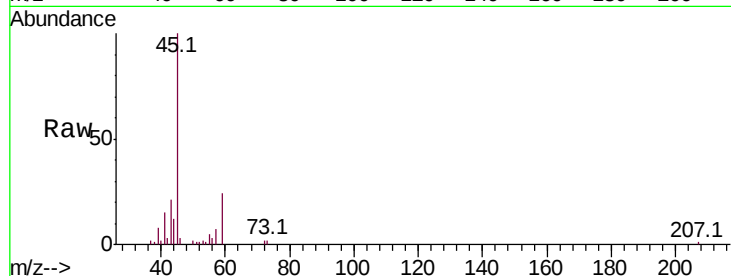




#41
Methacrylonitrile
Concen: 3.481 ug/l
RT: 7.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

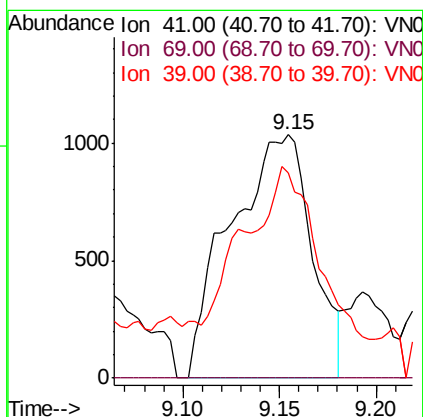
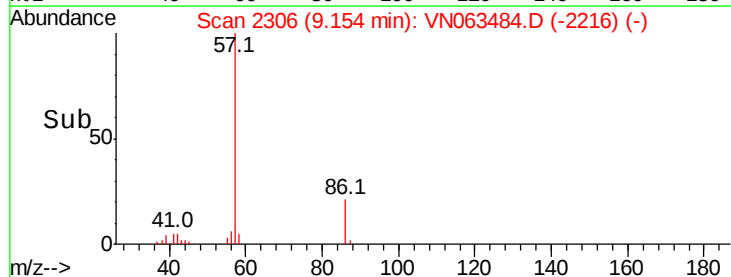
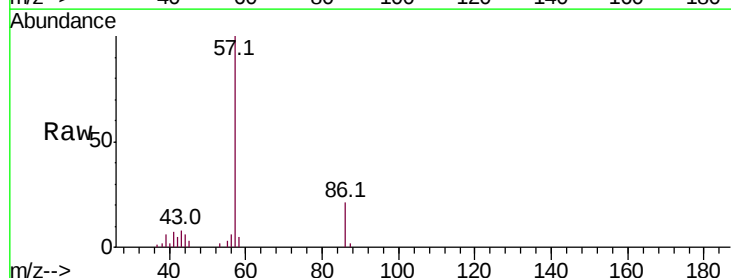
Instrument :
MSVOA_N
ClientSampled :
1799

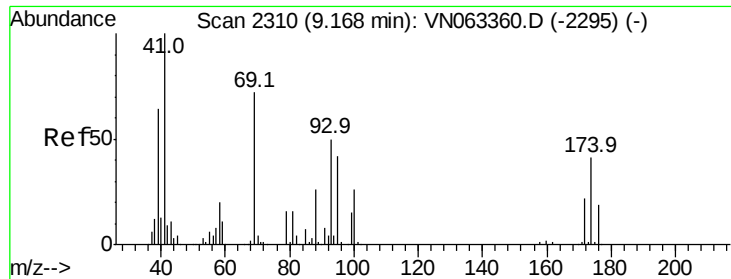
Tot Ion: 41 Resp: 7616
Ion Ratio Lower Upper
41 100
39 53.6 0.0 0.0#
67 0.0 0.0 0.0
52 1.2 0.0 0.0#



#48
Methyl methacrylate
Concen: 0.709 ug/l
RT: 9.15 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

Tgt Ion: 41 Resp: 3031
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 61.0 52.9 79.3





#49

1,4-Dioxane

Concen: 0.522 ug/l

RT: 9.19 min Scan# 2318

Delta R.T. 0.03 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :
MSVOA_N
ClientSampled :
1799

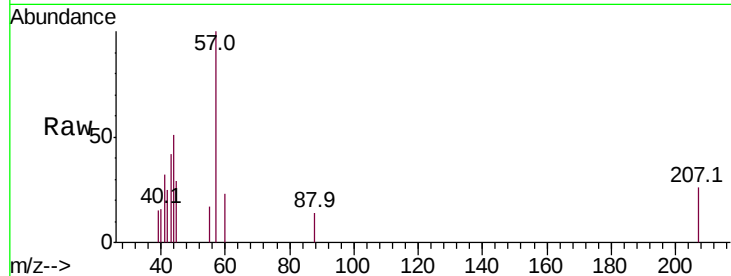
Tot Ion: 88 Resp: 32

Ion Ratio Lower Upper

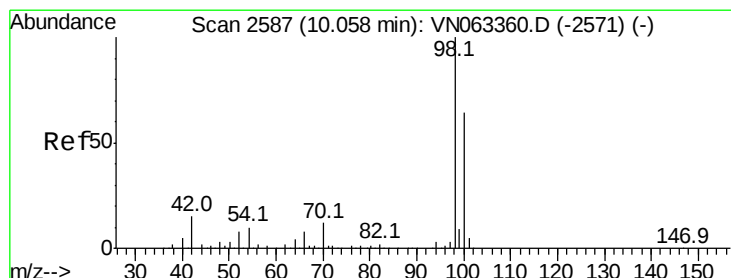
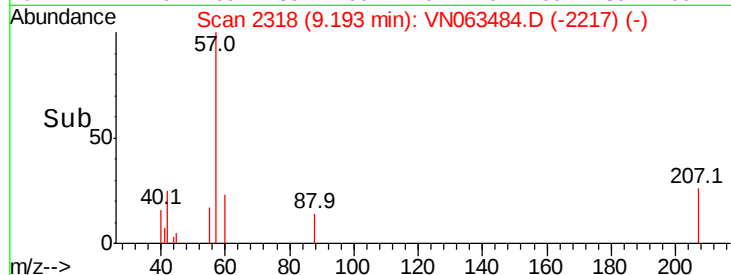
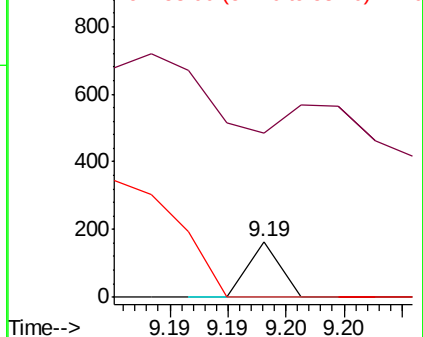
88 100

43 0.0 32.6 49.0#

58 0.0 60.0 90.0#



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: 48.947 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063484.D

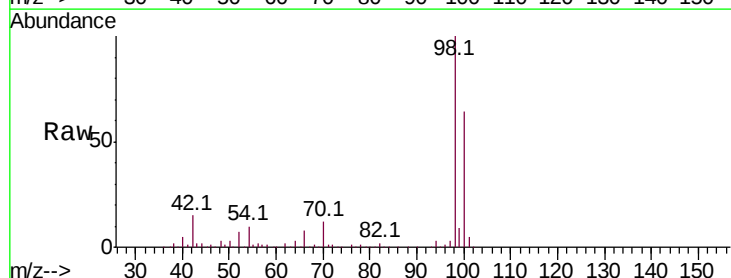
Acq: 21 Sep 2020 14:34

Tgt Ion: 98 Resp: 592741

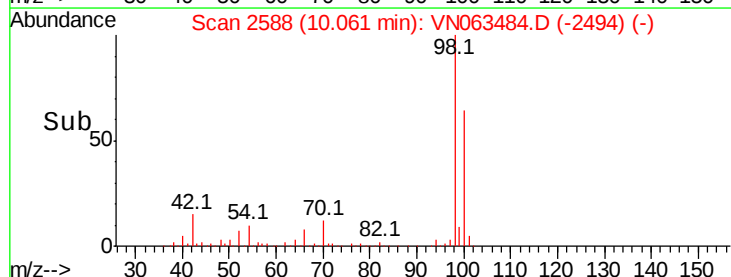
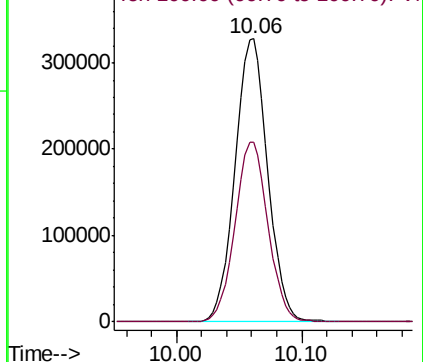
Ion Ratio Lower Upper

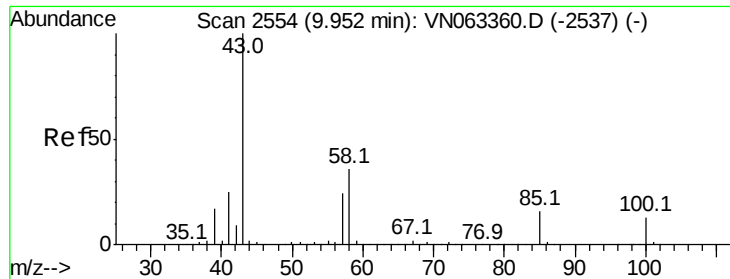
98 100

100 64.2 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 1.510 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

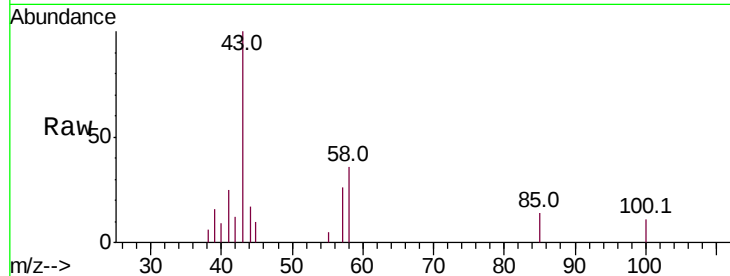
1799

Tot Ion: 43 Resp: 7355

Ion Ratio Lower Upper

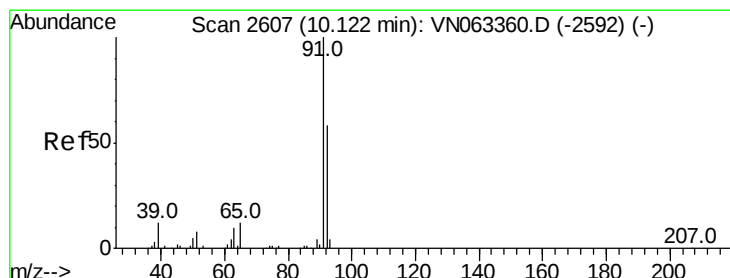
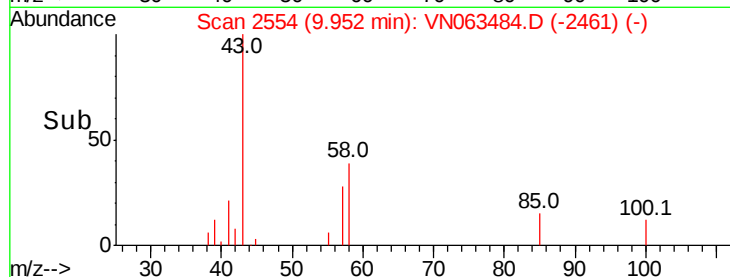
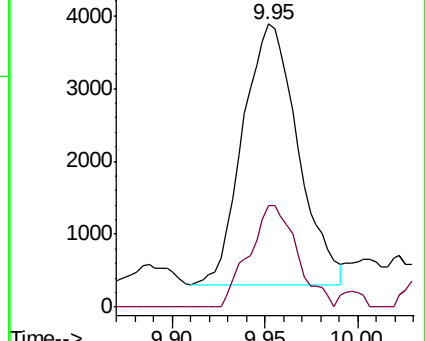
43 100

58 34.0 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 13.515 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063484.D

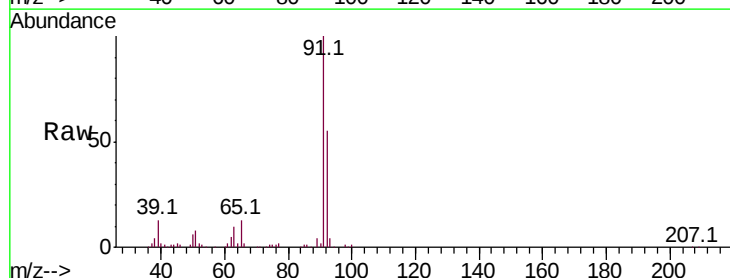
Acq: 21 Sep 2020 14:34

Tgt Ion: 92 Resp: 114961

Ion Ratio Lower Upper

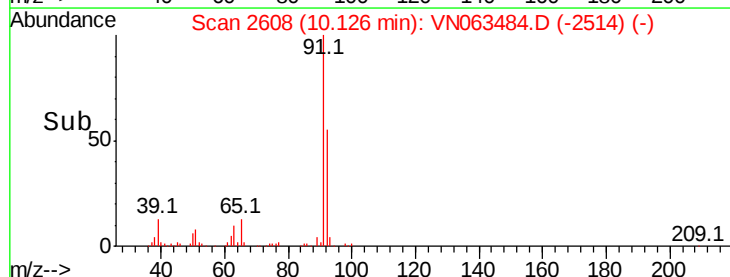
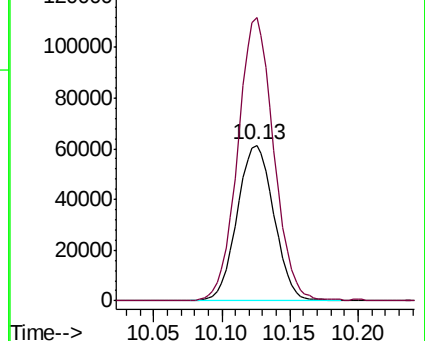
92 100

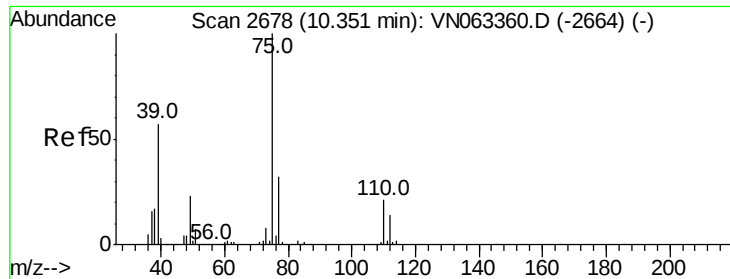
91 177.9 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 0.254 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.23 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

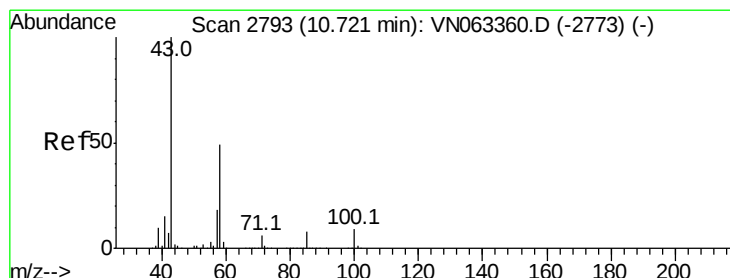
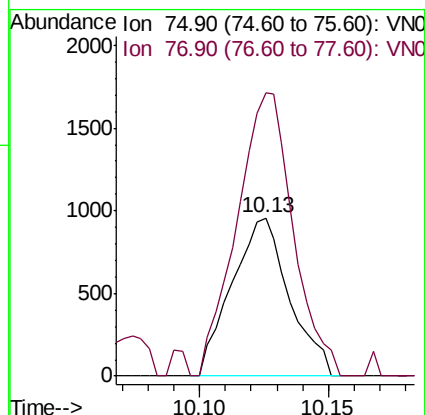
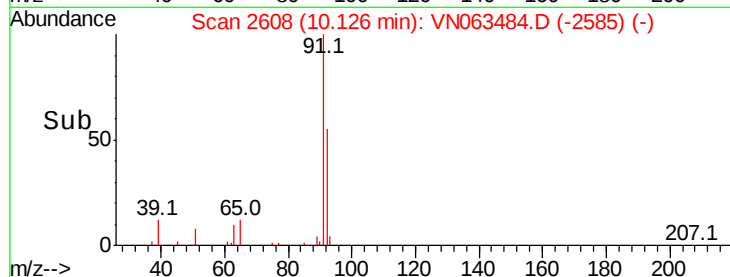
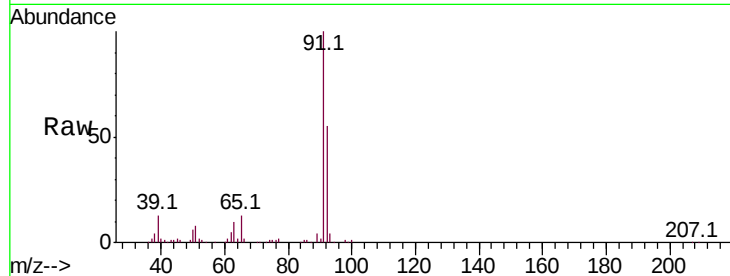
1799

Tot Ion: 75 Resp: 1491

Ion Ratio Lower Upper

75 100

77 178.7 25.4 38.2#



#59

2-Hexanone

Concen: 4.865 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063484.D

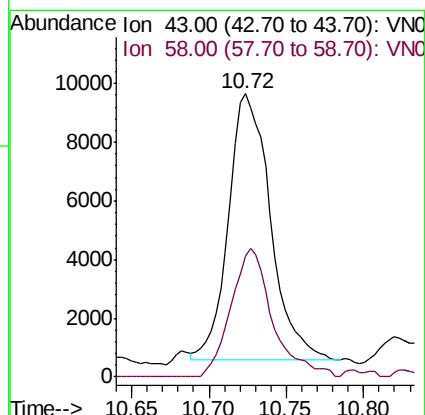
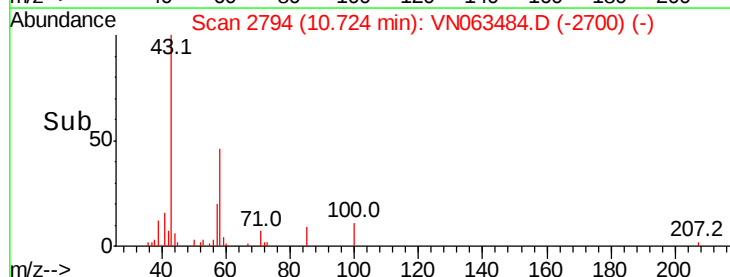
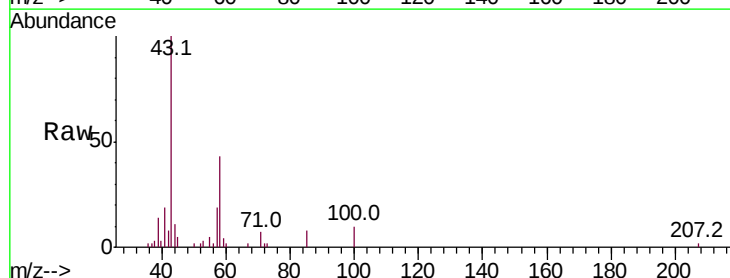
Acq: 21 Sep 2020 14:34

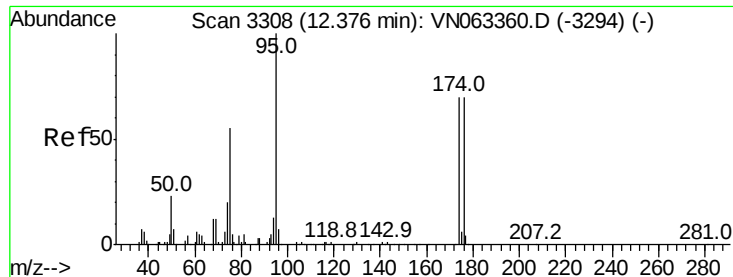
Tgt Ion: 43 Resp: 17162

Ion Ratio Lower Upper

43 100

58 47.5 24.7 74.1





#62

4-Bromofluorobenzene

Concen: 55.778 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

1799

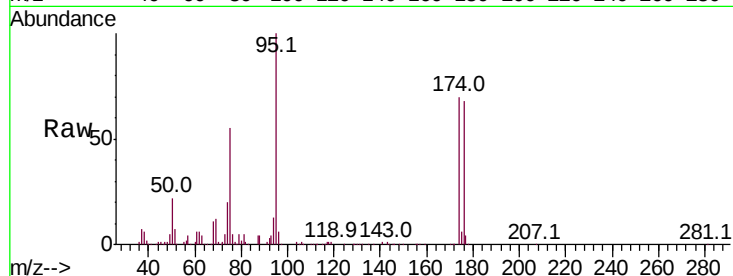
Tot Ion: 95 Resp: 247615

Ion Ratio Lower Upper

95 100

174 70.0 0.0 140.8

176 68.2 0.0 137.6

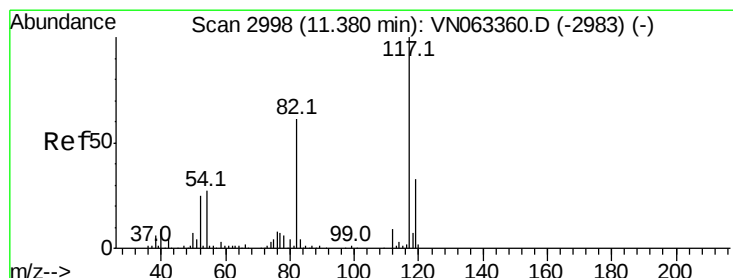
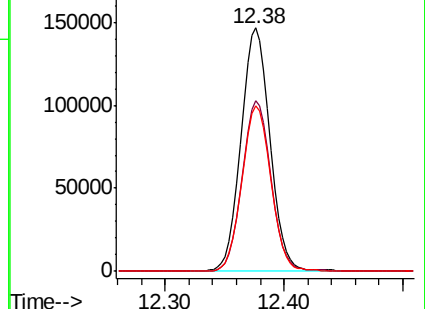
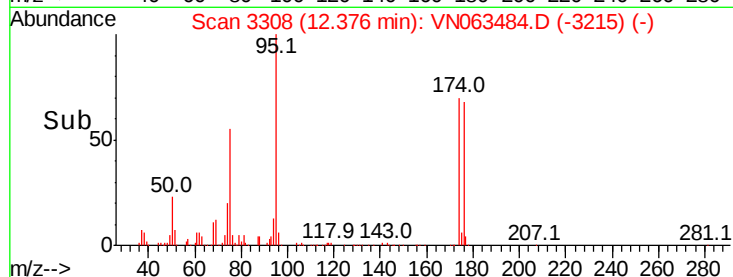


Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

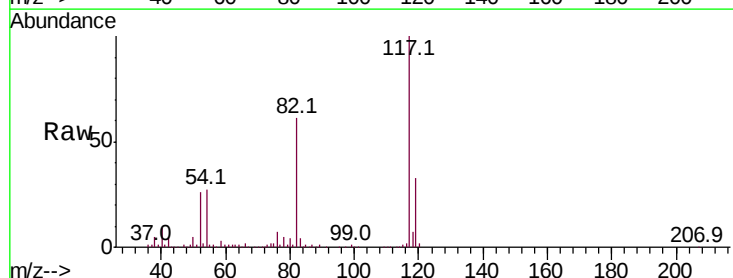
Tgt Ion: 117 Resp: 461815

Ion Ratio Lower Upper

117 100

82 61.5 49.2 73.8

119 32.9 26.2 39.4

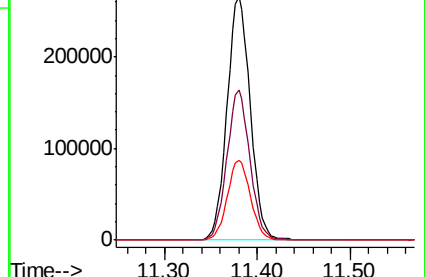
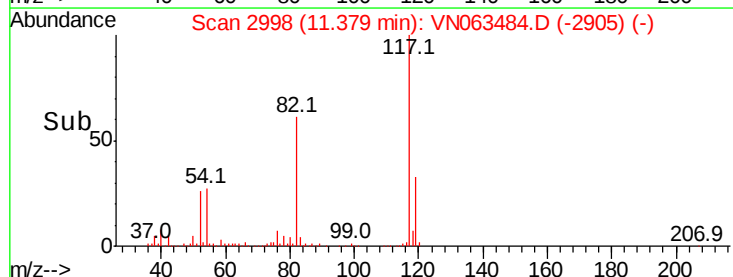


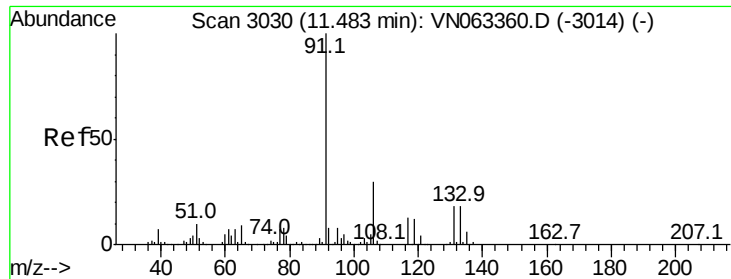
Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)

11.38





#67

Ethyl Benzene

Concen: 0.382 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

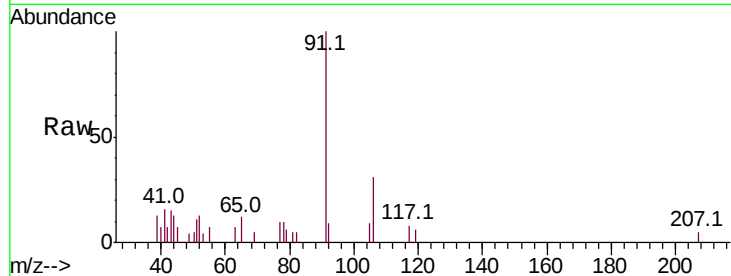
1799

Tot Ion: 91 Resp: 7058

Ion Ratio Lower Upper

91 100

106 31.0 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN063360.D (-3014) (-)

11.48

4000

3000

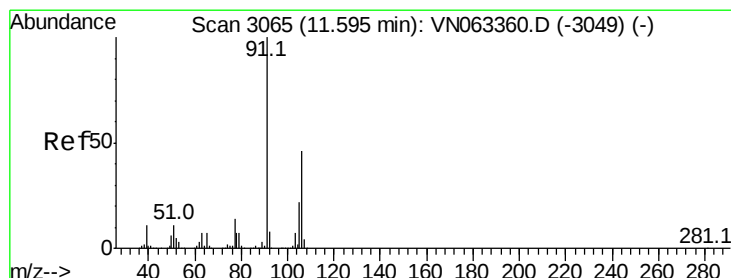
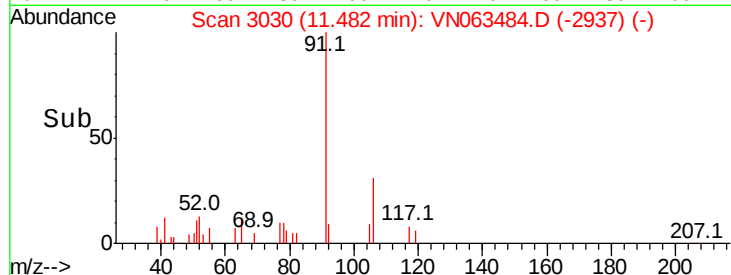
2000

1000

0

11.45 11.50

Time-->



#68

m/p-Xylenes

Concen: 0.251 ug/l

RT: 11.59 min Scan# 3063

Delta R.T. -0.01 min

Lab File: VN063484.D

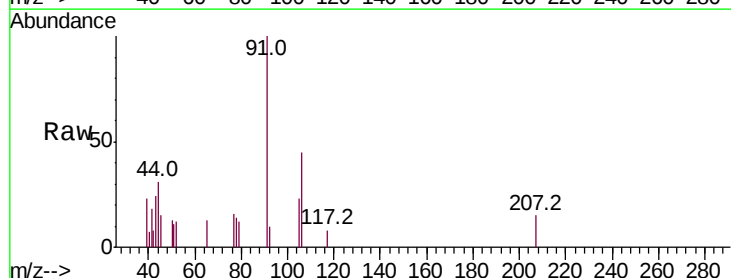
Acq: 21 Sep 2020 14:34

Tgt Ion: 106 Resp: 1672

Ion Ratio Lower Upper

106 100

91 290.7 171.2 256.8#



Abundance Ion 106.00 (105.70 to 106.70): VN063360.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-3049) (-)

2500

2000

1500

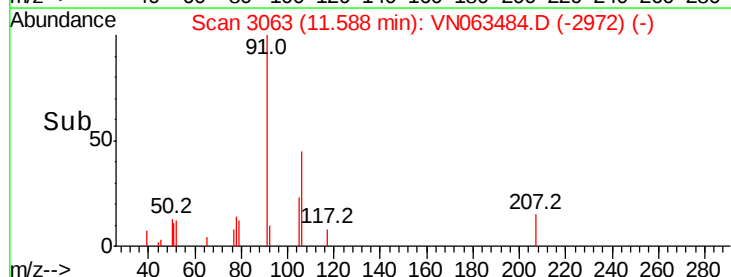
1000

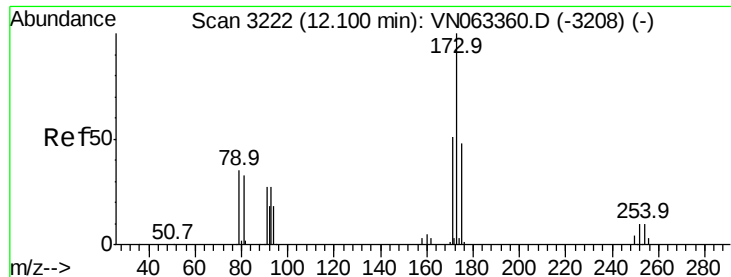
500

0

11.55 11.60

Time-->





#71

Bromoform

Concen: 0.215 ug/l

RT: 12.38 min Scan# 3310

Delta R.T. 0.28 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

1799

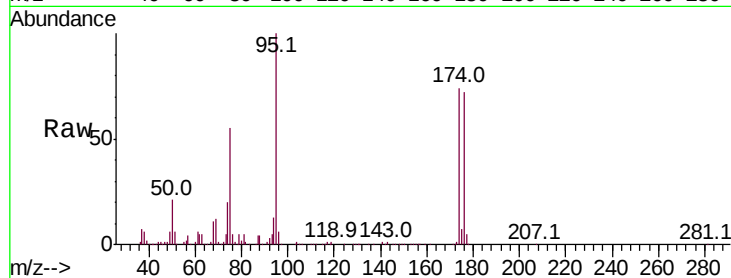
Tot Ion:173 Resp: 576

Ion Ratio Lower Upper

173 100

175 2112.8 24.0 72.0#

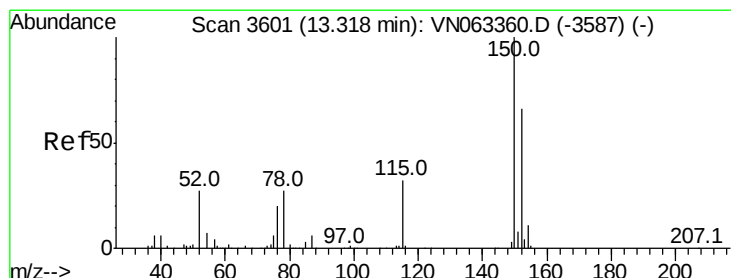
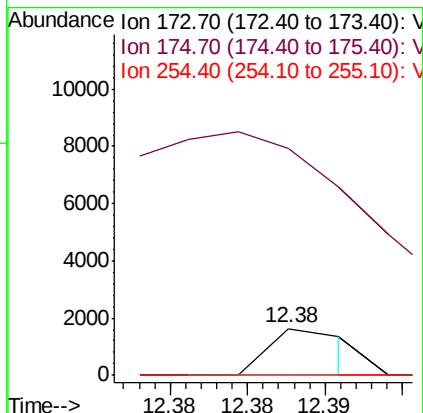
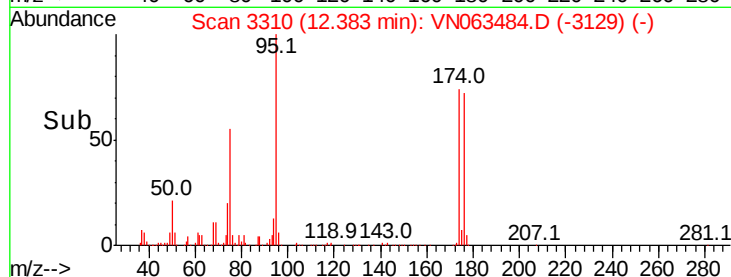
254 0.0 0.0 0.0



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: VN063484.D

Acq: 21 Sep 2020 14:34

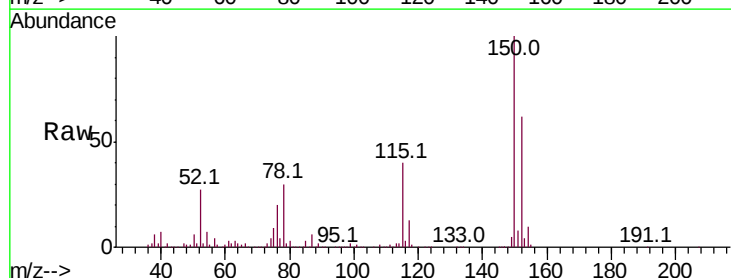
Tgt Ion:152 Resp: 210595

Ion Ratio Lower Upper

152 100

115 64.9 32.2 96.6

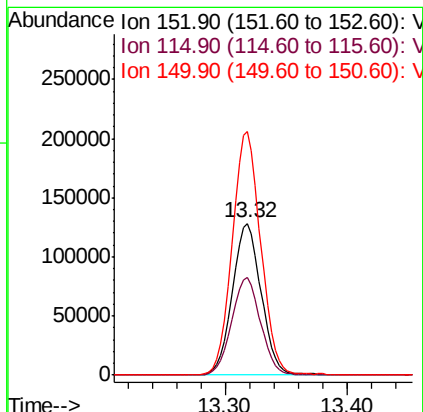
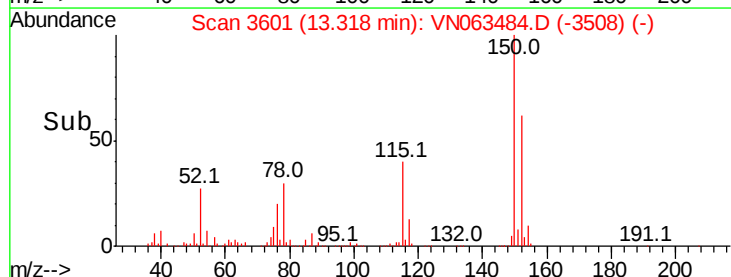
150 158.5 0.0 343.4

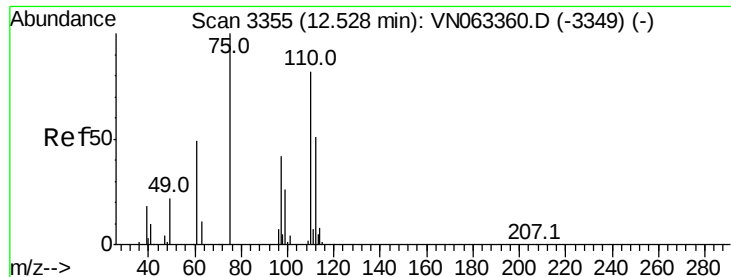


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.248 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

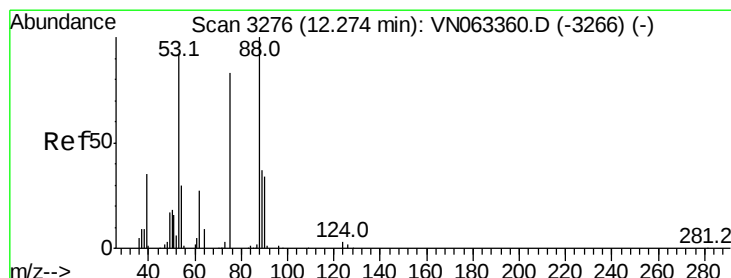
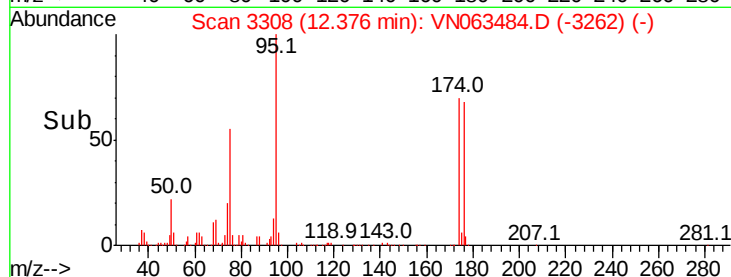
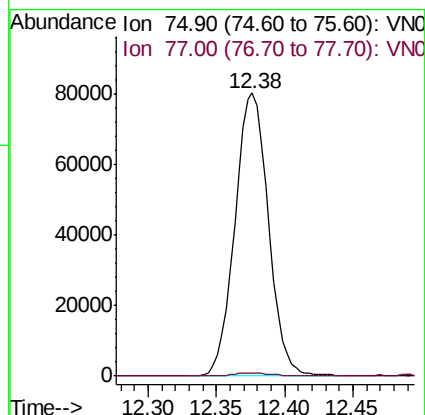
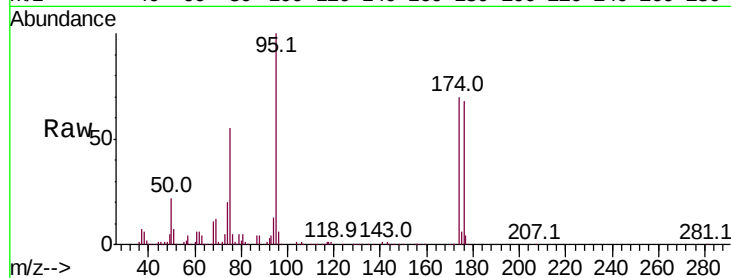
1799

Tot Ion: 75 Resp: 136818

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.962 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

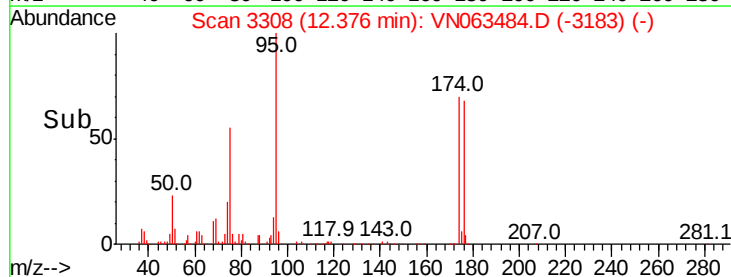
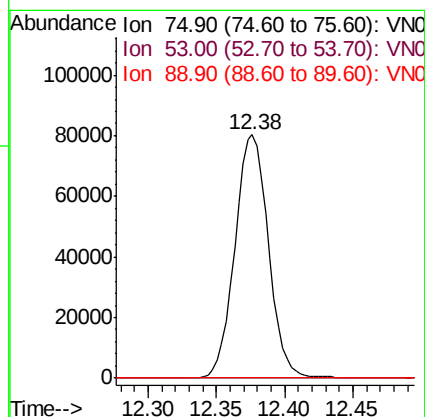
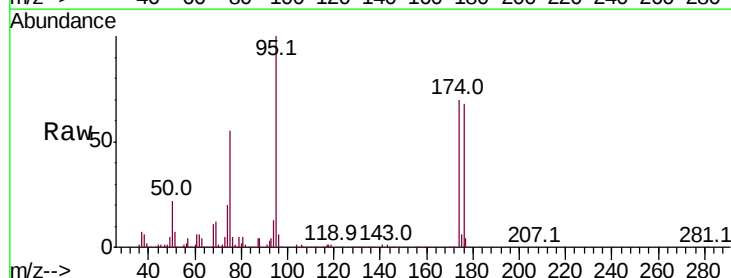
Tgt Ion: 75 Resp: 136818

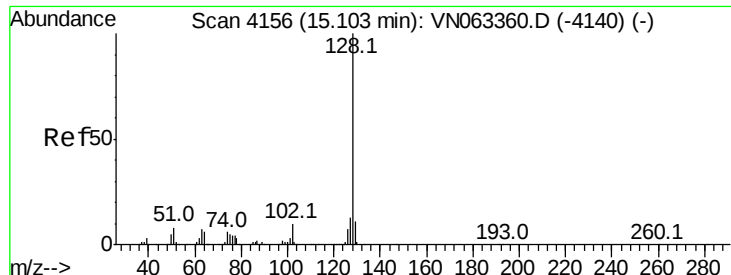
Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#





#95

Naphthalene

Concen: 0.273 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

1799

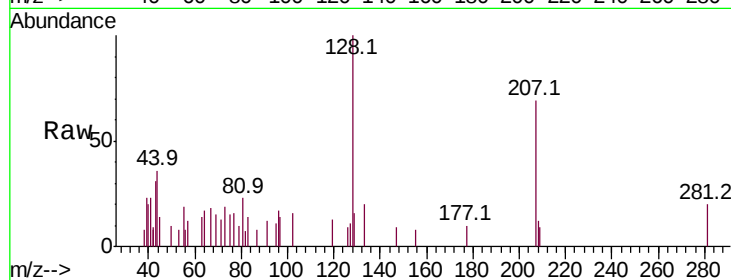
Tot Ion:128 Resp: 3676

Ion Ratio Lower Upper

128 100

127 7.9 10.6 15.8#

129 13.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

