

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064731.D
 Acq On : 19 Nov 2020 14:25
 Operator : JC/MD
 Sample : L4783-18DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5DL

Quant Time: Nov 20 03:47:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	484762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	505333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	223238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	221448	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.55	113	146061	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	10.06	98	630722	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.38	95	269050	57.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.80%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	792	0.235	ug/l #	79
11) Tert butyl alcohol	4.74	59	35003	84.076	ug/l #	82
13) Acrolein	3.52	56	10852	111.335	ug/l #	1
14) Allyl chloride	4.37	41	15531	3.449	ug/l #	1
16) Acetone	3.75	43	12896	17.233	ug/l #	63
18) Methyl Acetate	4.48	43	35876	12.423	ug/l #	54
19) Methyl tert-butyl Ether	5.00	73	46277	5.273	ug/l #	1
20) Methylene Chloride	4.50	84	1356	0.427	ug/l #	68
23) Vinyl Acetate	5.89	43	3388	0.441	ug/l #	75
25) 2-Butanone	6.79	43	621	0.379	ug/l #	51
29) Tetrahydrofuran	7.18	42	429	0.387	ug/l #	35
30) Chloroform	7.35	83	2755	0.455	ug/l #	19
31) Cyclohexane	7.62	56	35993	7.758	ug/l #	78
36) 1,1-Dichloropropene	7.62	75	24197	4.852	ug/l #	51
38) Carbon Tetrachloride	7.62	117	27712	5.228	ug/l #	16
39) Methylcyclohexane	9.05	83	16919	3.829	ug/l	95
40) Benzene	8.00	78	762617	54.880	ug/l	100
41) Methacrylonitrile	7.28	41	1461	0.763	ug/l #	30
42) 1,2-Dichloroethane	8.00	62	8296	1.388	ug/l	90
43) Isopropyl Acetate	8.11	43	4705	0.581	ug/l #	64
47) Bromodichloromethane	9.36	83	1860	0.337	ug/l #	25
48) Methyl methacrylate	9.18	41	1607	0.421	ug/l #	44
51) 4-Methyl-2-Pentanone	9.94	43	443	6.218	ug/l #	39
52) Toluene	10.12	92	74603	8.717	ug/l	96
55) 1,1,2-Trichloroethane	10.50	97	2216	0.646	ug/l #	21
56) Ethyl methacrylate	10.41	69	198	2.708	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.63	63	436	13.406	ug/l #	49
59) 2-Hexanone	10.77	43	3487	9.378	ug/l	80
67) Ethyl Benzene	11.48	91	1060468	55.953	ug/l	100
68) m/p-Xylenes	11.59	106	18871	6.414	ug/l	90
71) Bromoform	12.35	173	36	2.458	ug/l #	29
73) Isopropylbenzene	12.22	105	422298	26.644	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	4740	0.985	ug/l #	100
78) n-propylbenzene	12.57	91	602462	32.639	ug/l	98

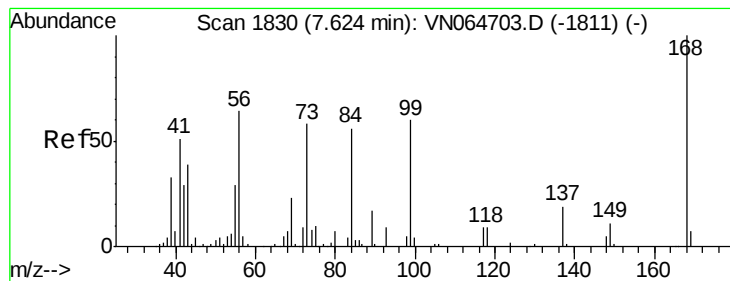
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
Data File : VN064731.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.57	91	602462	50.997	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.86	105	88645	6.733	ug/l	76
81) trans-1,4-Dichloro-2-buten	12.22	75	6586	4.950	ug/l #	63
82) 4-Chlorotoluene	12.57	91	602462	47.826	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.02	105	5284	0.393	ug/l	88
85) sec-Butylbenzene	13.14	105	17566	1.294	ug/l #	66
89) n-Butylbenzene	13.59	91	24351	2.089	ug/l #	80
90) Hexachloroethane	13.86	117	15667	7.590	ug/l #	18
93) 1,2,4-Trichlorobenzene	14.88	180	102	1.357	ug/l #	1
95) Naphthalene	15.10	128	274224	21.855	ug/l	100

(#) = 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

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

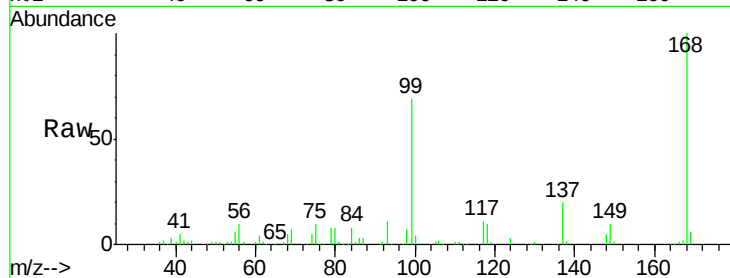
MW-5DL

Tot Ion:168 Resp: 243941

Ion Ratio Lower Upper

168 100

99 68.9 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

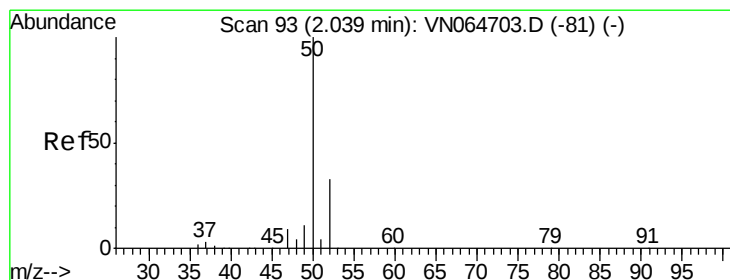
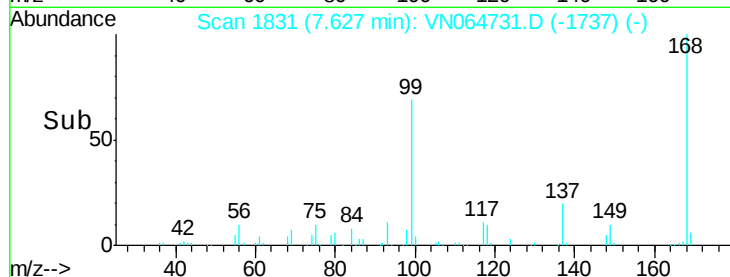
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.235 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064731.D

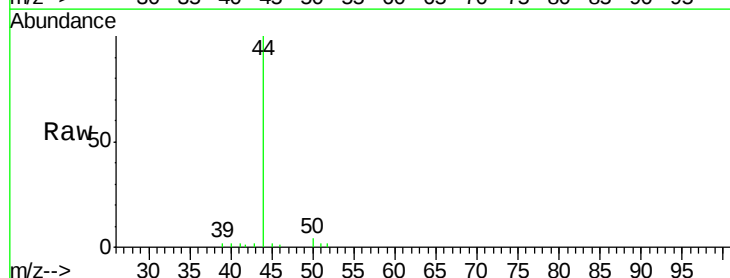
Acq: 19 Nov 2020 14:25

Tgt Ion: 50 Resp: 792

Ion Ratio Lower Upper

50 100

52 45.1 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VN0

2.04

500

400

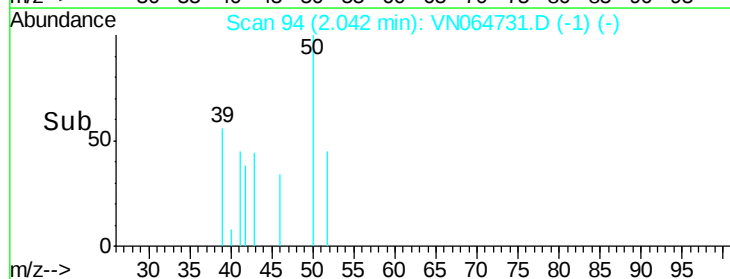
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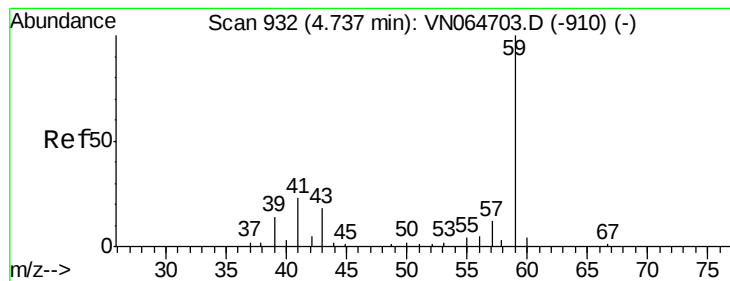
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100

0

Time--> 2.00 2.02 2.04 2.06



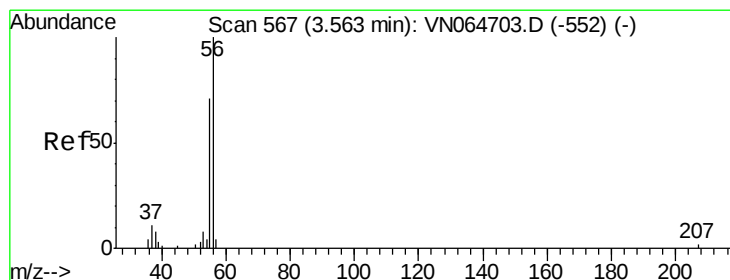
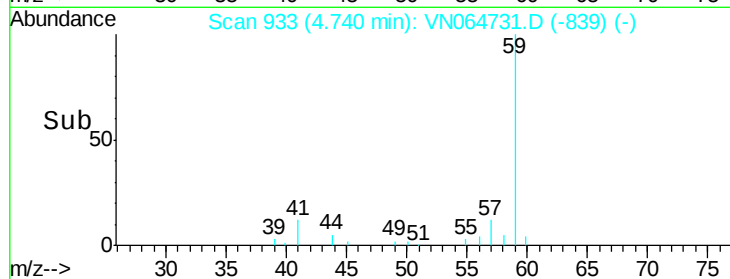
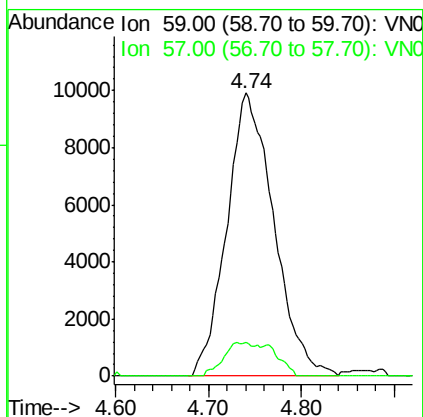
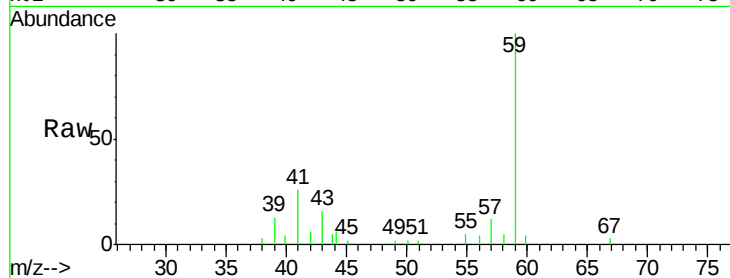


#11

Tert butyl alcohol
 Concen: 84.076 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5DL

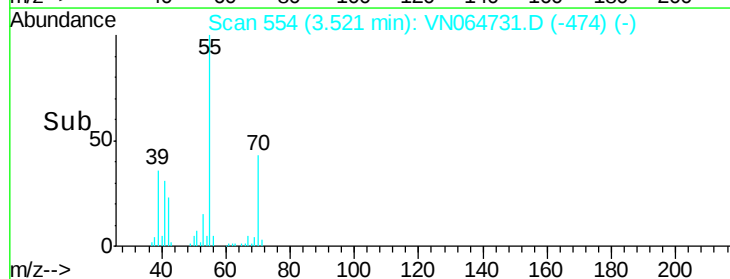
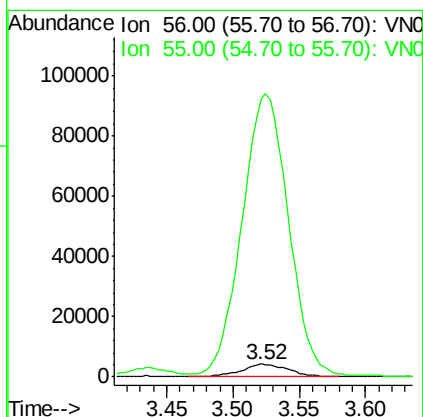
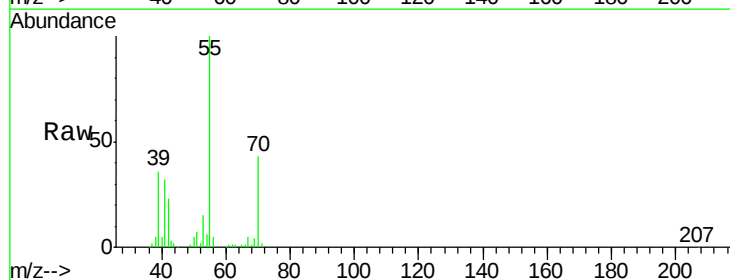
Tot Ion: 59 Resp: 35003
 Ion Ratio Lower Upper
 59 100
 57 4.4 9.1 13.7#

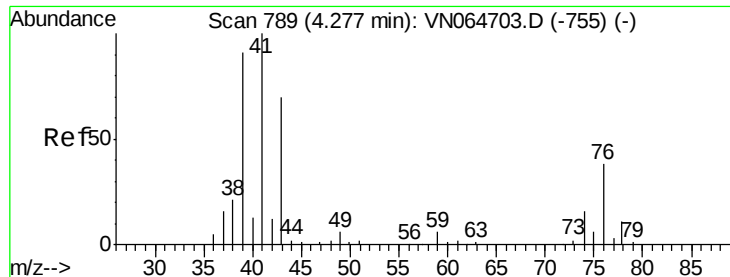


#13

Acrolein
 Concen: 111.335 ug/l
 RT: 3.52 min Scan# 554
 Delta R.T. -0.04 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

Tgt Ion: 56 Resp: 10852
 Ion Ratio Lower Upper
 56 100
 55 2090.1 61.8 92.6#

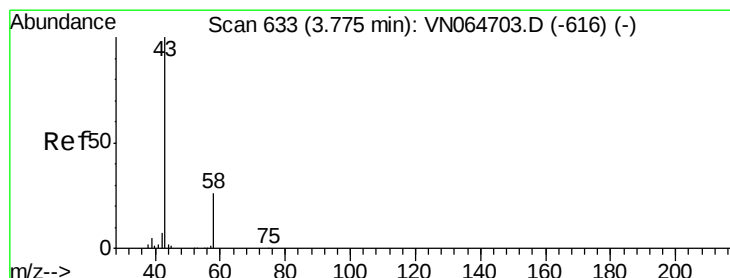
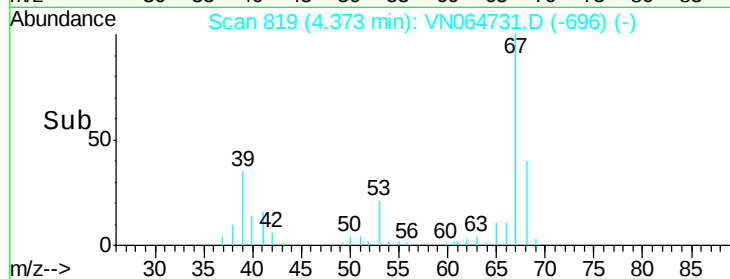
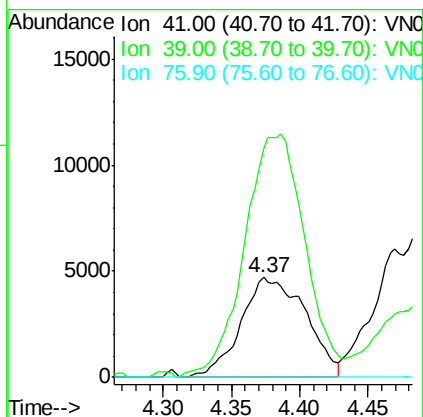
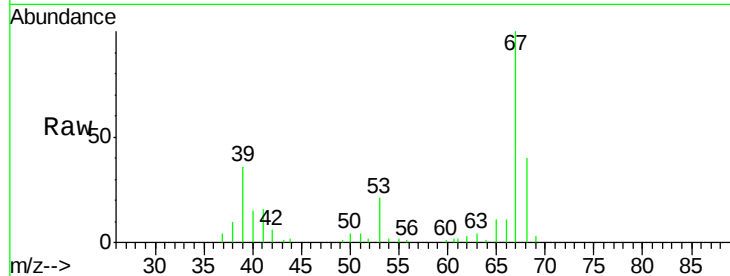




#14
Allvl chloride
Concen: 3.449 ug/l
RT: 4.37 min Scan# 819
Delta R.T. 0.10 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

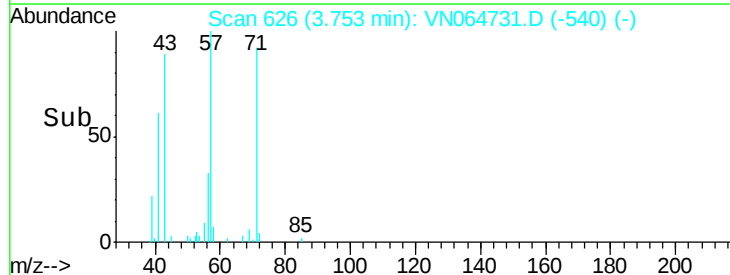
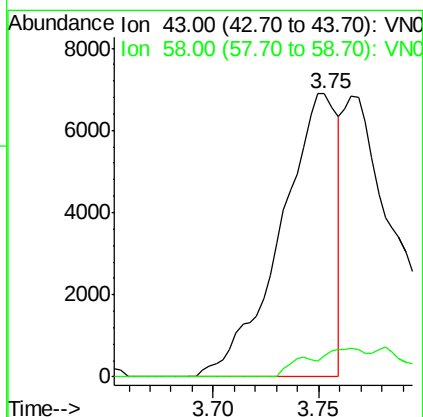
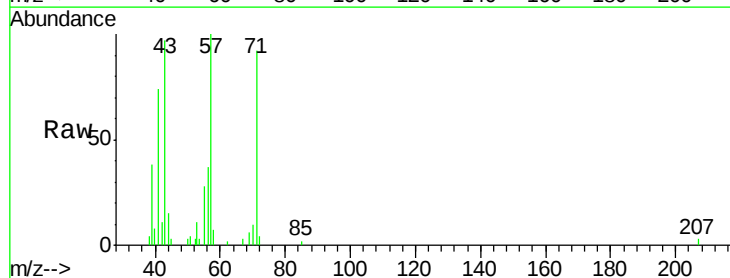
Instrument :
MSVOA_N
ClientSampled :
MW-5DL

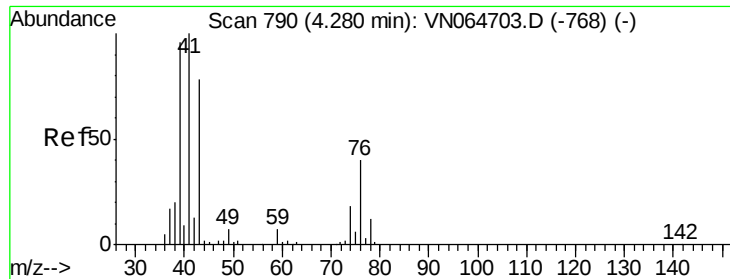
Tot Ion: 41 Resp: 15531
Ion Ratio Lower Upper
41 100
39 226.9 66.1 99.1#
76 0.0 26.6 40.0#



#16
Acetone
Concen: 17.233 ug/l
RT: 3.75 min Scan# 626
Delta R.T. -0.02 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Tgt Ion: 43 Resp: 12896
Ion Ratio Lower Upper
43 100
58 7.4 21.2 31.8#

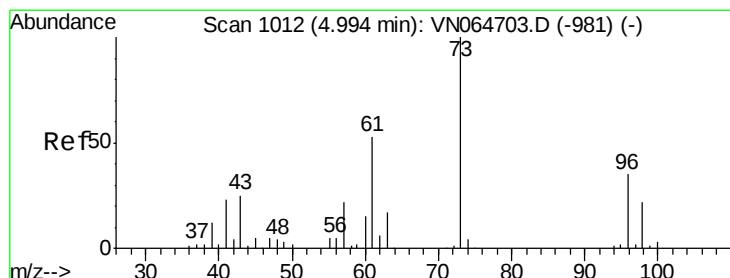
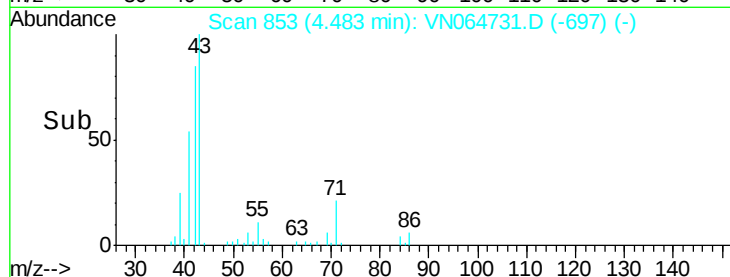
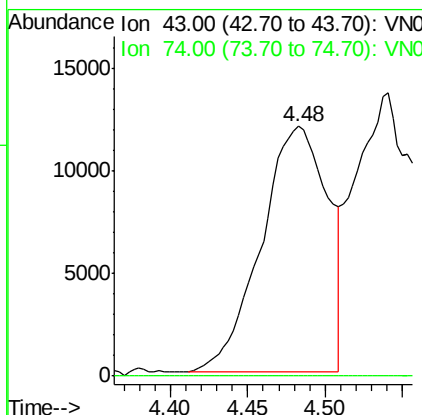
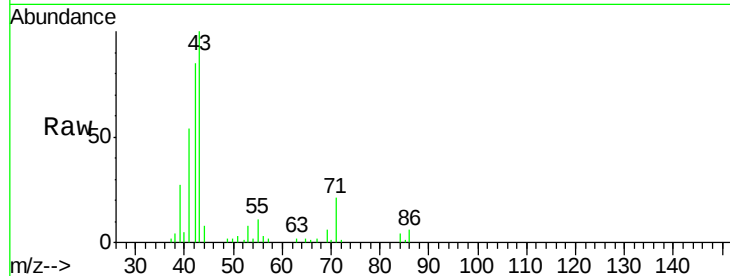




#18
Methyl Acetate
Concen: 12.423 ug/l
RT: 4.48 min Scan# 853
Delta R.T. 0.20 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

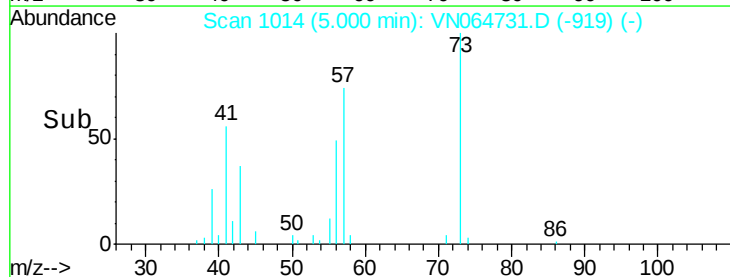
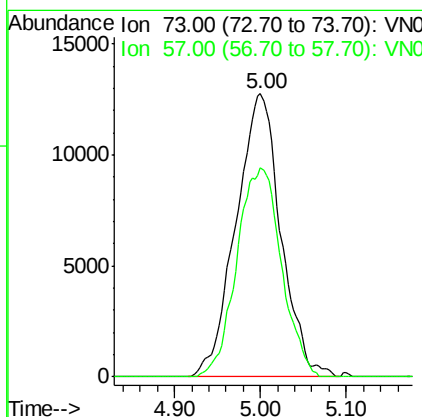
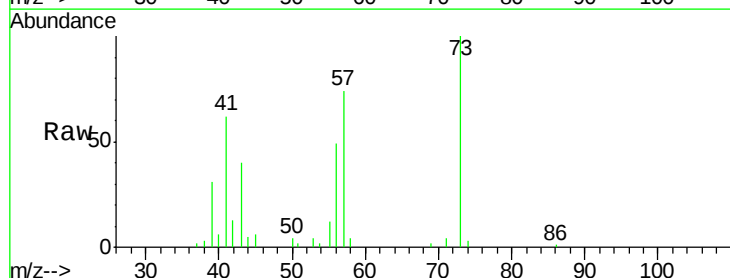
Instrument :
MSVOA_N
ClientSampled :
MW-5DL

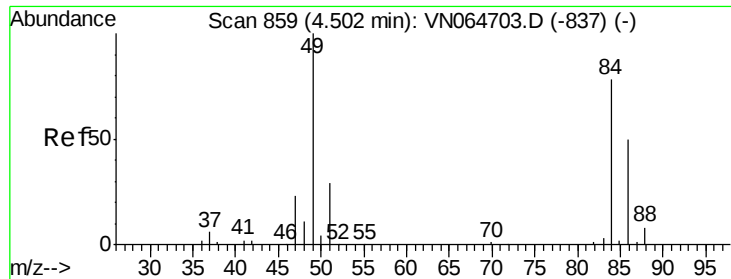
Tot Ion: 43 Resp: 35876
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#19
Methyl tert-butyl Ether
Concen: 5.273 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Tgt Ion: 73 Resp: 46277
Ion Ratio Lower Upper
73 100
57 73.7 17.3 25.9#

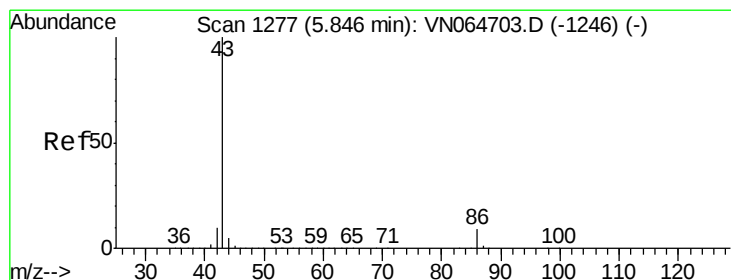
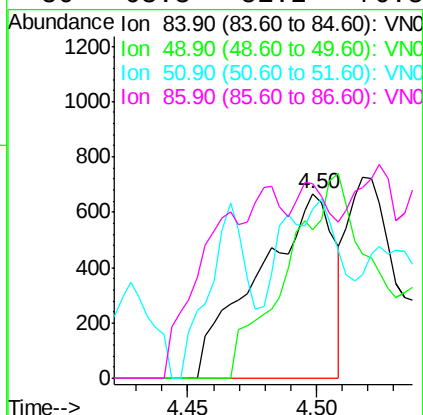
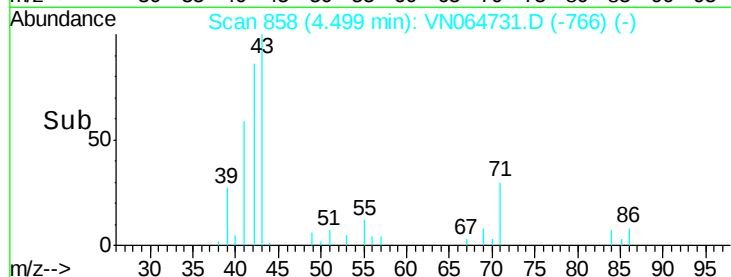
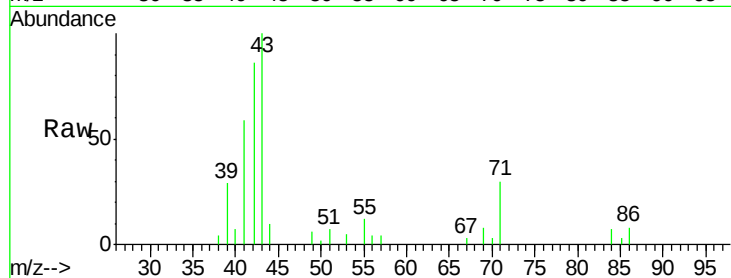




#20
Methvlene Chloride
Concen: 0.427 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

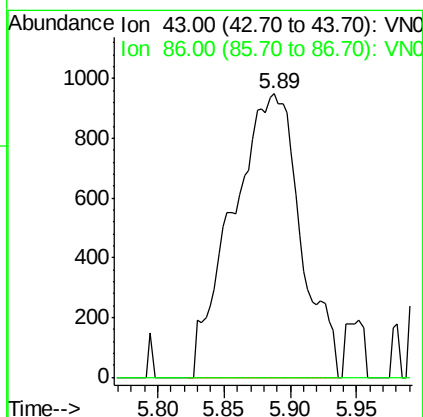
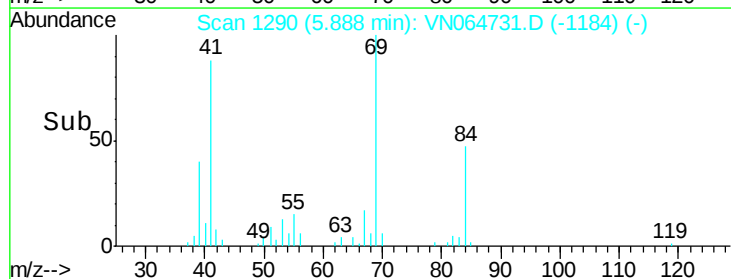
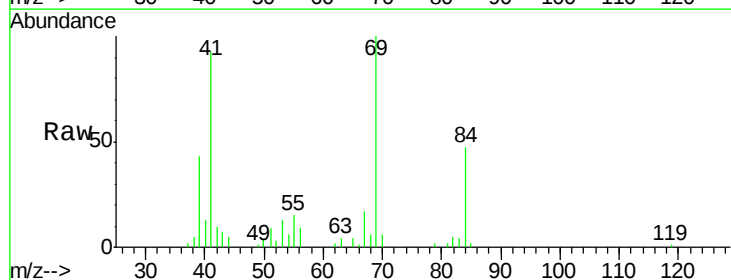
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MSVOA_N
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MW-5DL

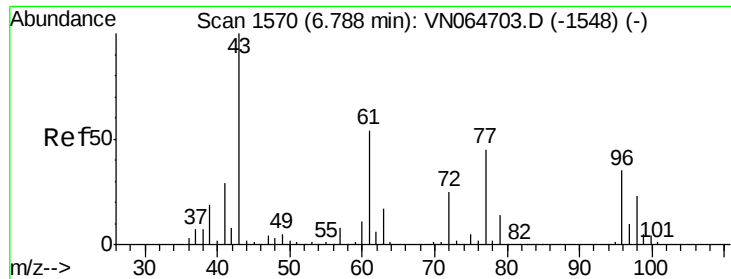
Tot Ion: 84 Resp: 1356
Ion Ratio Lower Upper
84 100
49 80.2 102.4 153.6#
51 67.0 29.4 44.2#
86 63.3 51.2 76.8



#23
Vinyl Acetate
Concen: 0.441 ug/l
RT: 5.89 min Scan# 1290
Delta R.T. 0.04 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Tgt Ion: 43 Resp: 3388
Ion Ratio Lower Upper
43 100
86 0.0 7.4 11.0#

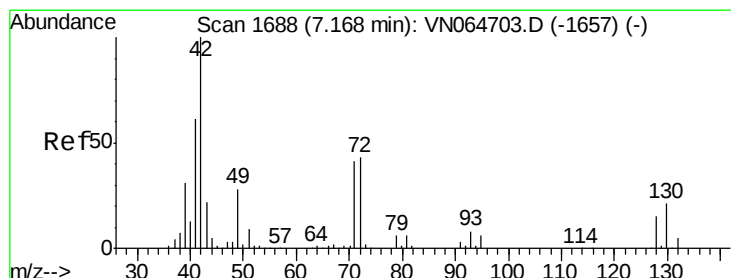
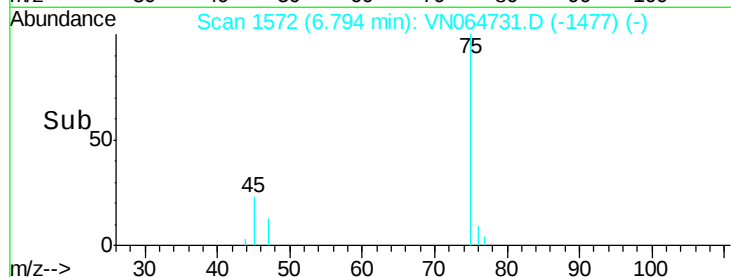
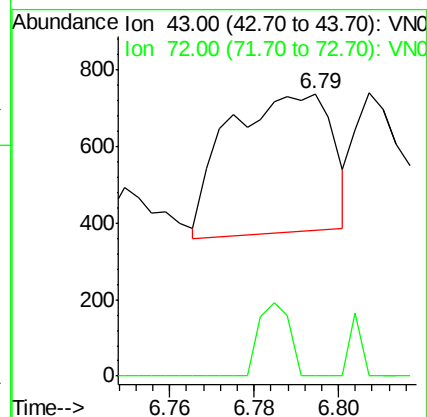
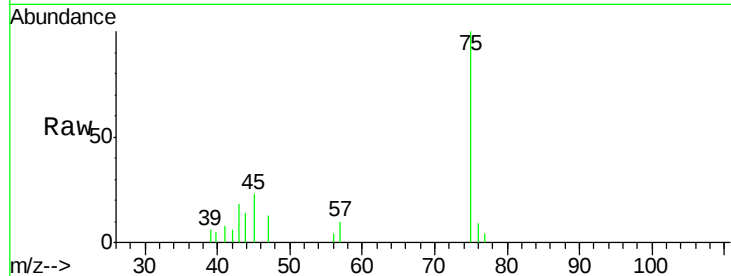




#25
2-Butanone
Concen: 0.379 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

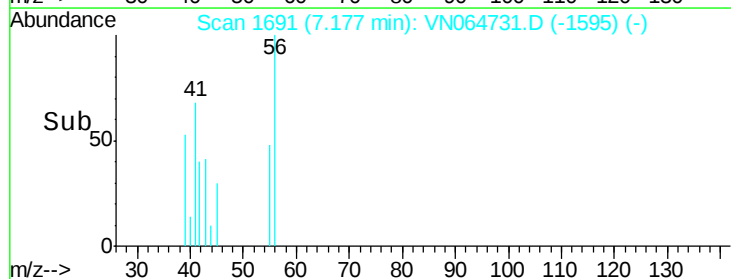
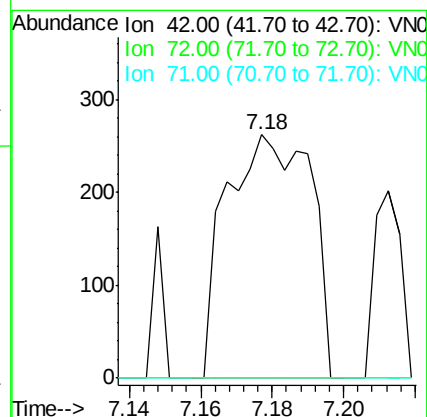
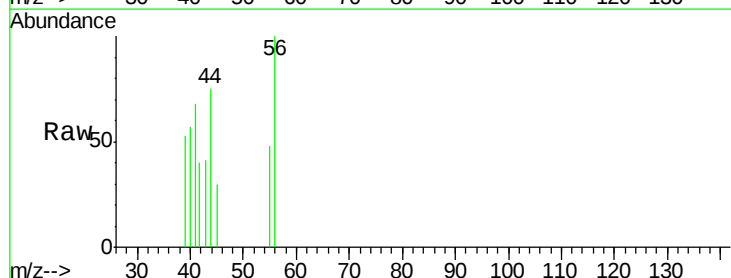
Instrument :
MSVOA_N
ClientSampled :
MW-5DL

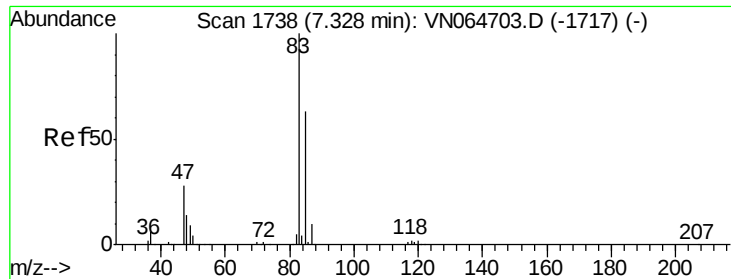
Tot Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#29
Tetrahydrofuran
Concen: 0.387 ug/l
RT: 7.18 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Tgt Ion: 42 Resp: 429
Ion Ratio Lower Upper
42 100
72 0.0 33.0 49.4#
71 0.0 31.8 47.6#

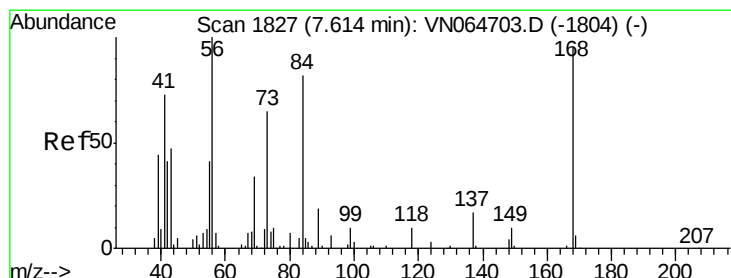
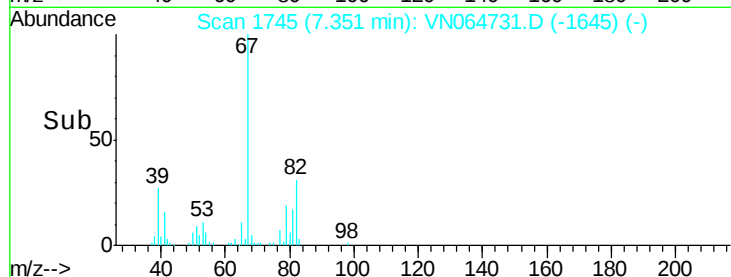
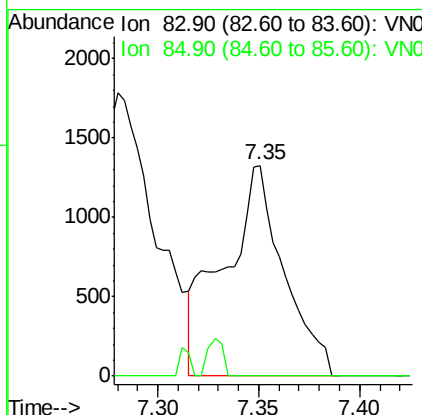
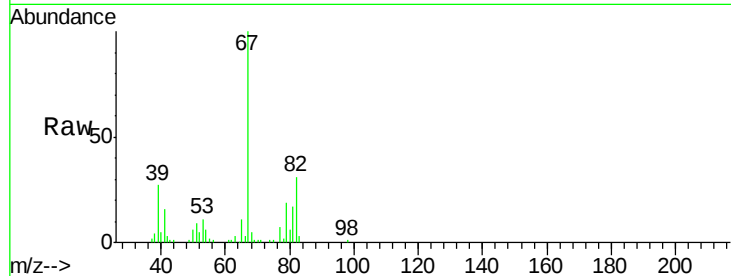




#30
Chloroform
Concen: 0.455 ug/l
RT: 7.35 min Scan# 1745
Delta R.T. 0.02 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

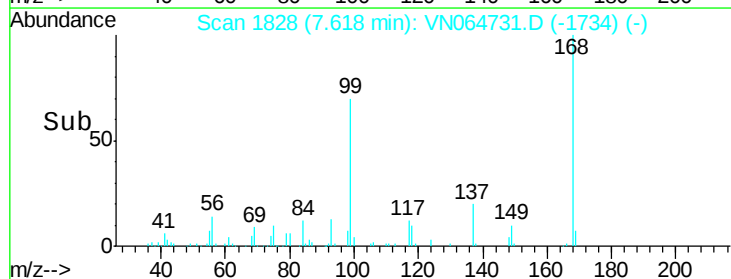
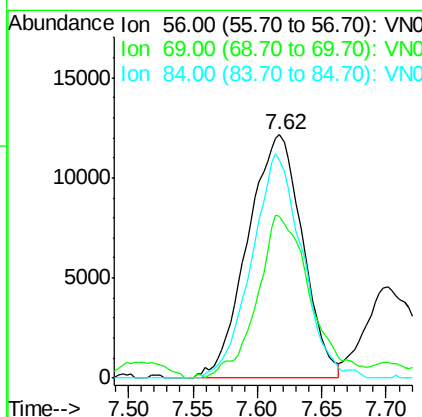
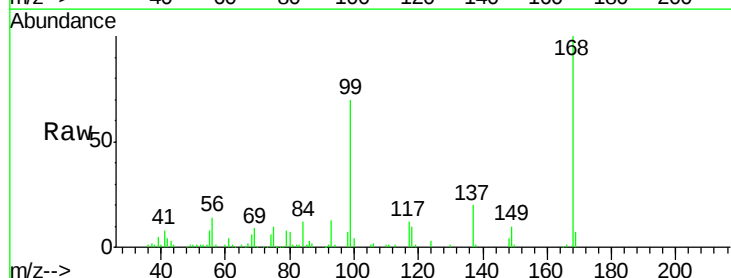
Instrument :
MSVOA_N
ClientSampled :
MW-5DL

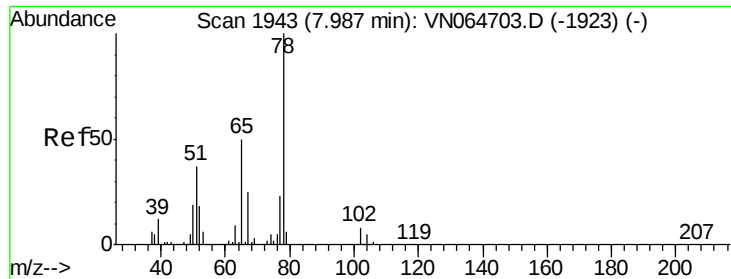
Tot Ion: 83 Resp: 2755
Ion Ratio Lower Upper
83 100
85 0.0 50.6 75.8#



#31
Cyclohexane
Concen: 7.758 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Tgt Ion: 56 Resp: 35993
Ion Ratio Lower Upper
56 100
69 66.2 27.2 40.8#
84 89.8 65.9 98.9

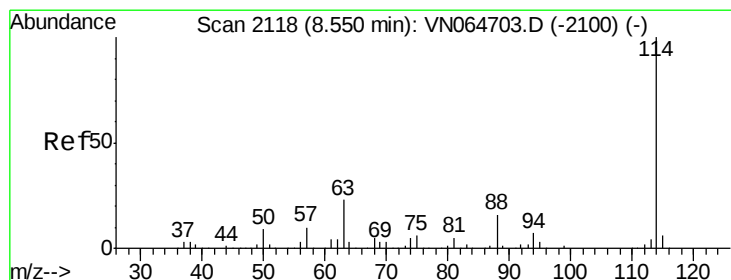
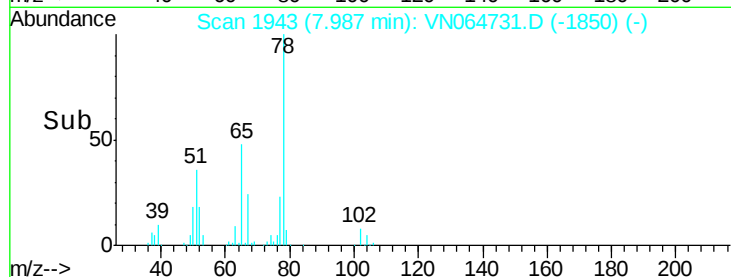
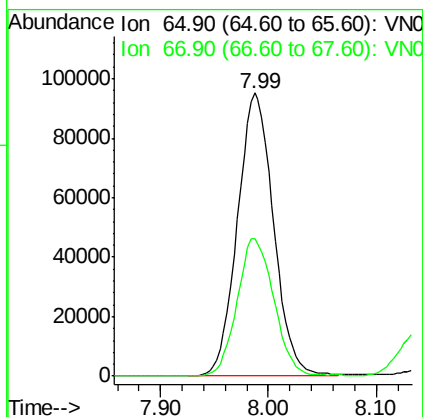
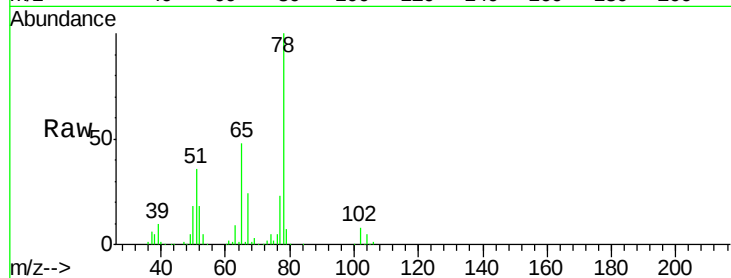




#33
 1,2-Dichloroethane-d4
 Concen: 51.604 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

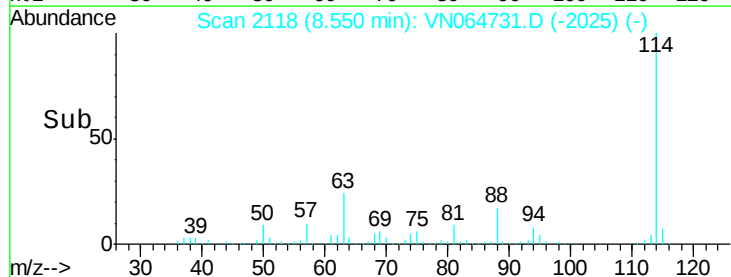
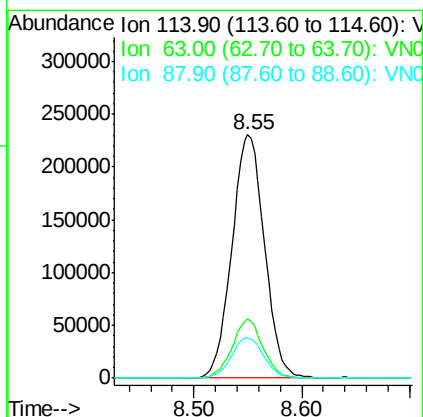
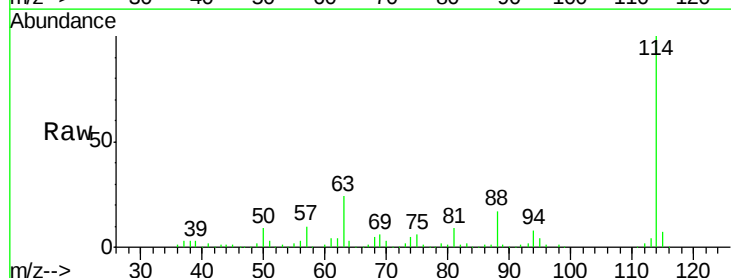
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5DL

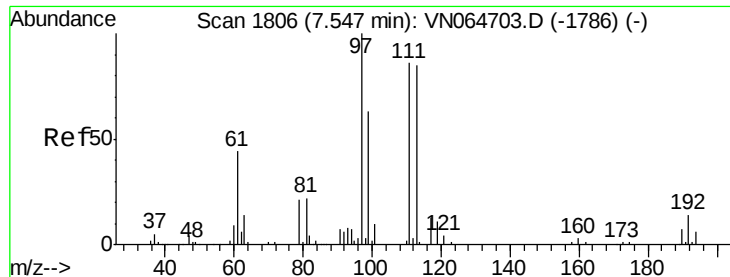
Tot Ion: 65 Resp: 221448
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

Tgt Ion: 114 Resp: 484762
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.0
 88 16.7 0.0 31.2

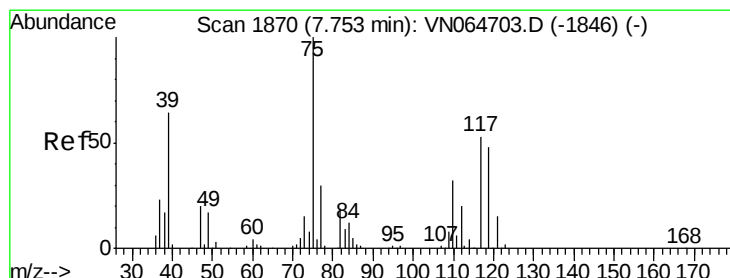
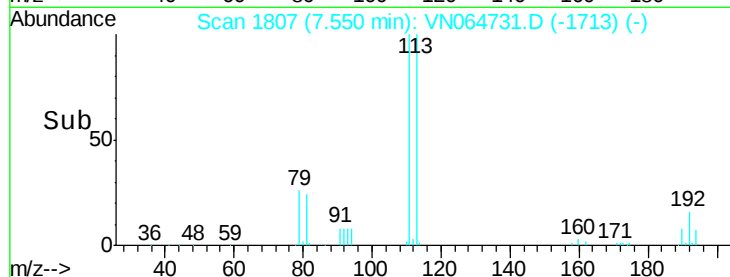
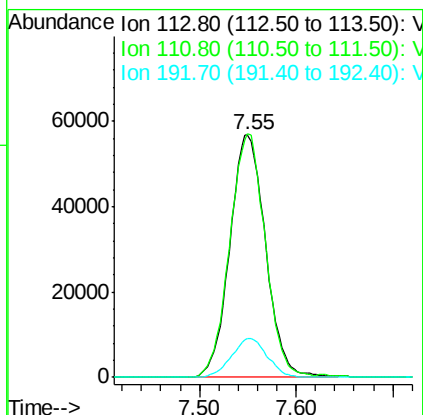
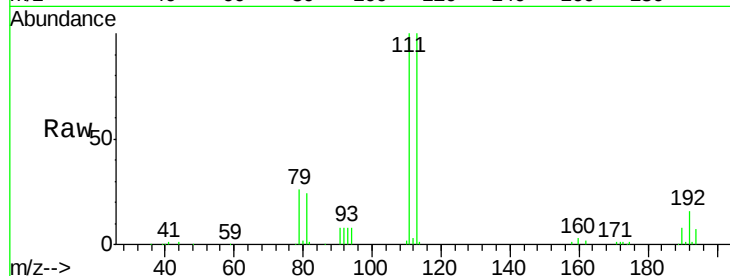




#35
 Dibromofluoromethane
 Concen: 52.937 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

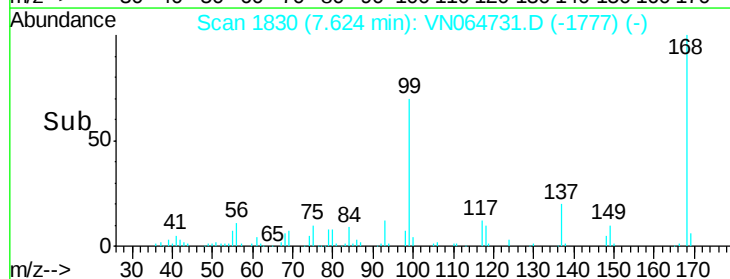
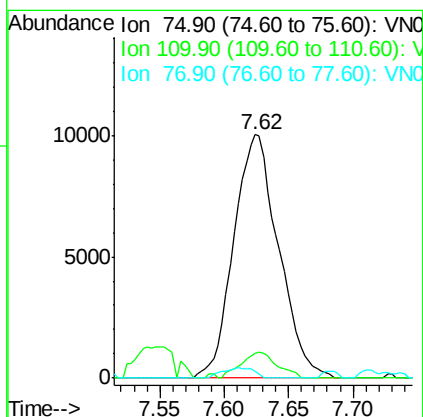
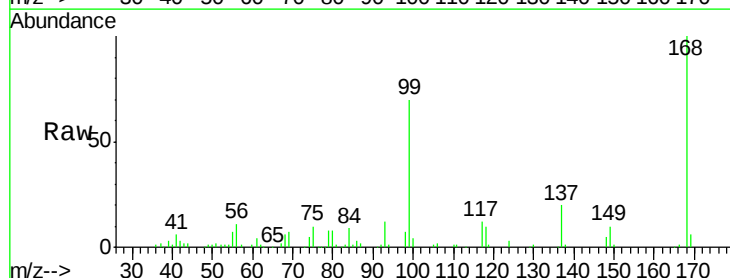
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5DL

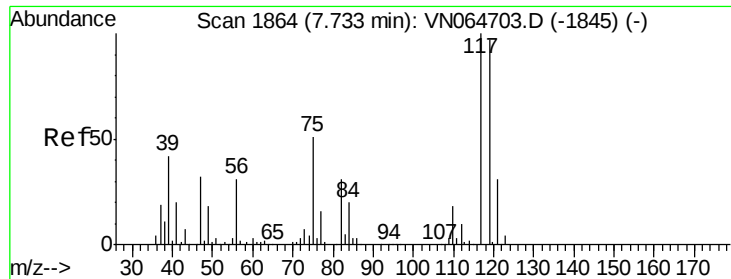
Tot Ion:113 Resp: 146061
 Ion Ratio Lower Upper
 113 100
 111 99.6 82.2 123.4
 192 15.9 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 4.852 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

Tgt Ion: 75 Resp: 24197
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.2 48.6#
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.228 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

MW-5DL

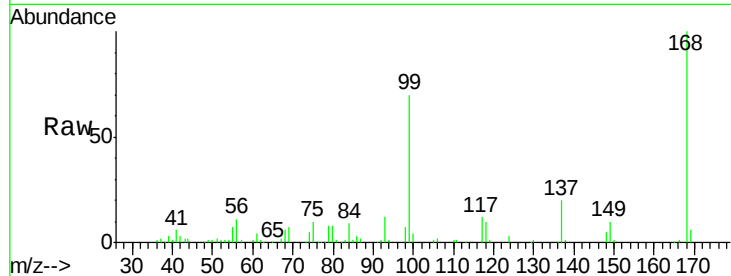
Tot Ion:117 Resp: 27712

Ion Ratio Lower Upper

117 100

119 5.3 77.8 116.6#

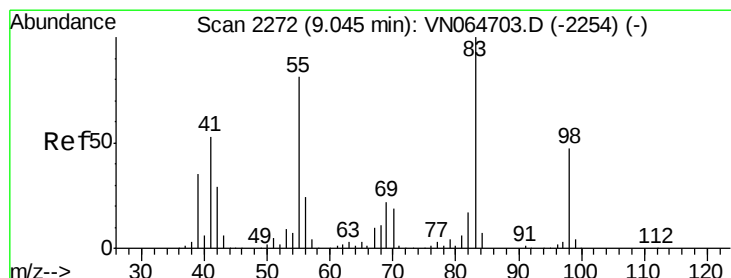
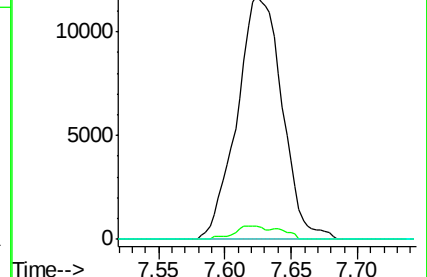
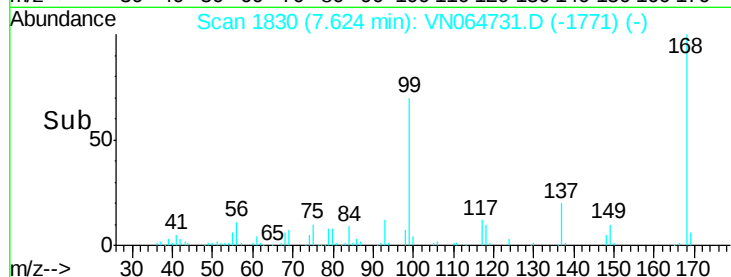
121 0.0 24.9 37.3#



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



#39

Methylcyclohexane

Concen: 3.829 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

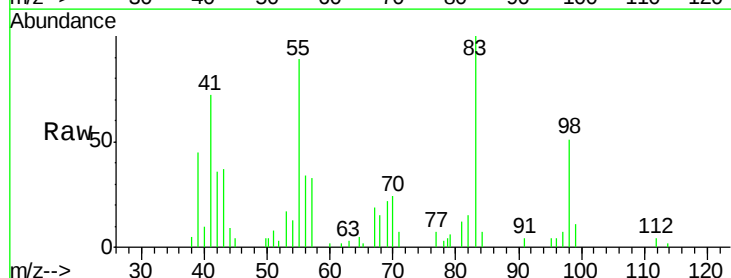
Tgt Ion: 83 Resp: 16919

Ion Ratio Lower Upper

83 100

55 84.7 64.6 97.0

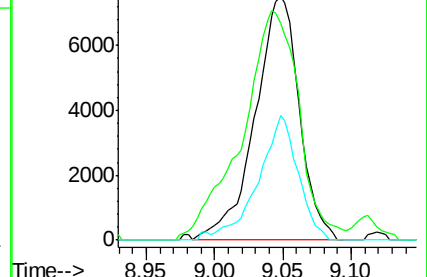
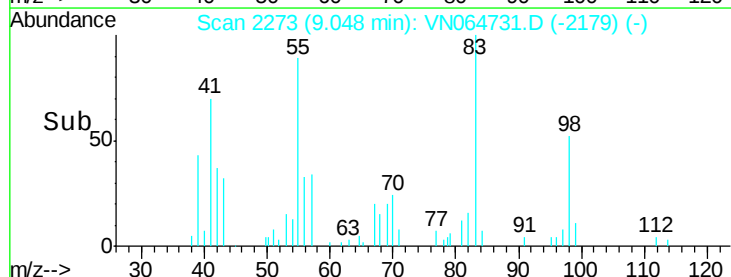
98 51.1 37.7 56.5

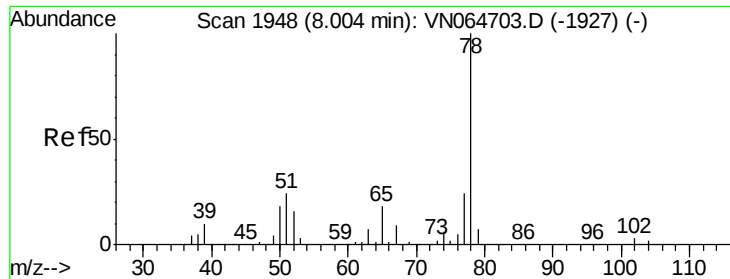


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 54.880 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

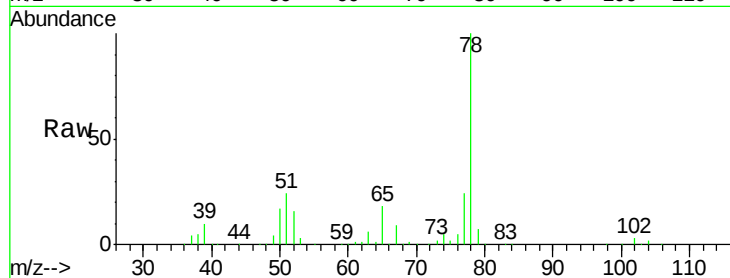
MW-5DL

Tot Ion: 78 Resp: 762617

Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.00

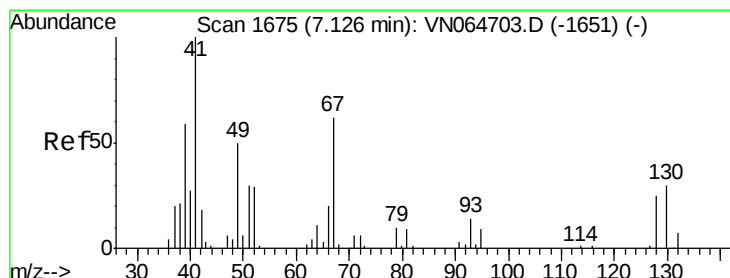
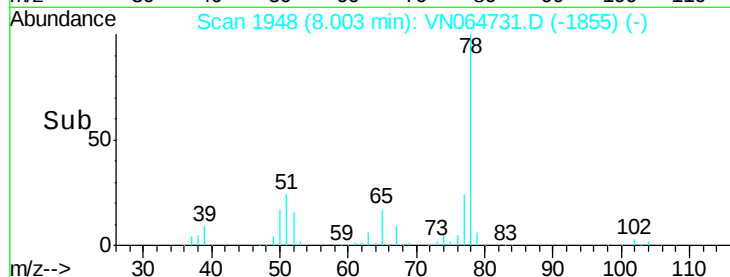
300000

200000

100000

0

Time-->



#41

Methacrylonitrile

Concen: 0.763 ug/l

RT: 7.28 min Scan# 1723

Delta R.T. 0.15 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Tgt Ion: 41 Resp: 1461

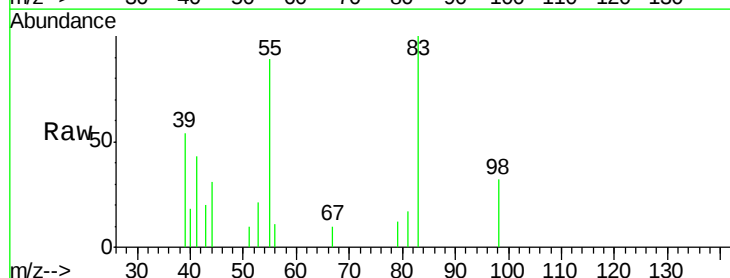
Ion Ratio Lower Upper

41 100

39 88.8 46.0 69.0#

67 0.0 67.0 100.4#

52 0.0 31.7 47.5#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

10000

8000

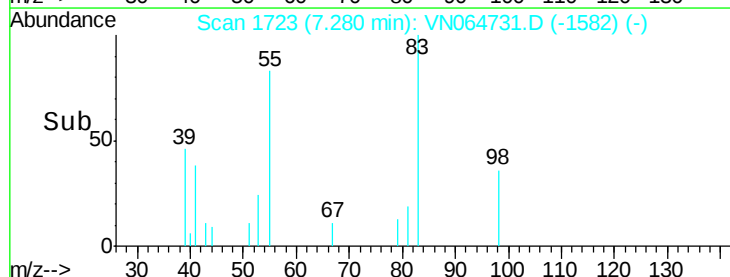
6000

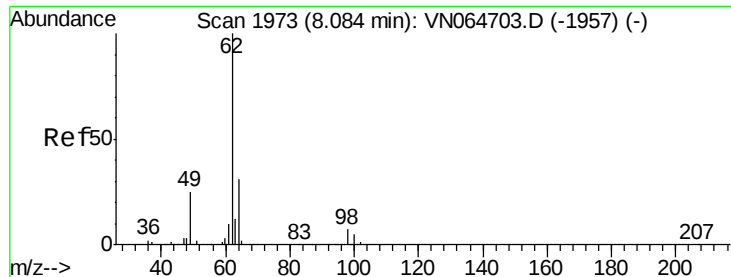
4000

2000

0

Time-->





#42

1,2-Dichloroethane

Concen: 1.388 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.08 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

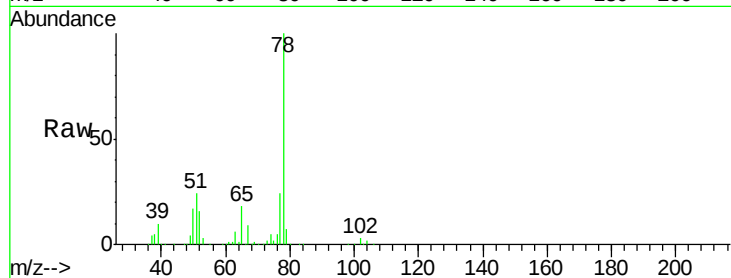
MW-5DL

Tot Ion: 62 Resp: 8296

Ion Ratio Lower Upper

62 100

98 3.4 0.0 13.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

8.00

4000

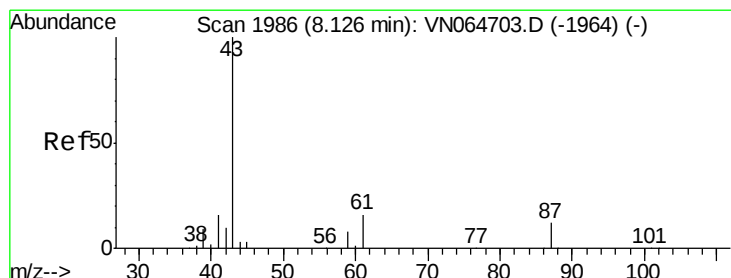
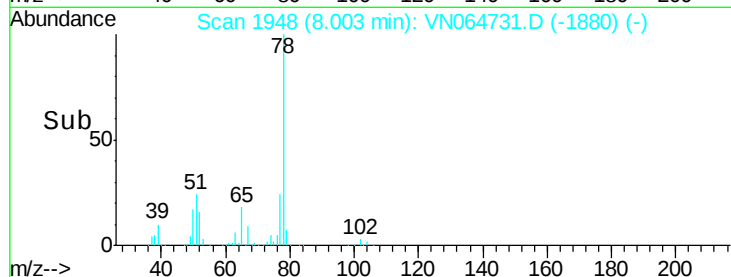
3000

2000

1000

0

Time--> 7.90 7.95 8.00 8.05



#43

Isopropyl Acetate

Concen: 0.581 ug/l

RT: 8.11 min Scan# 1980

Delta R.T. -0.02 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

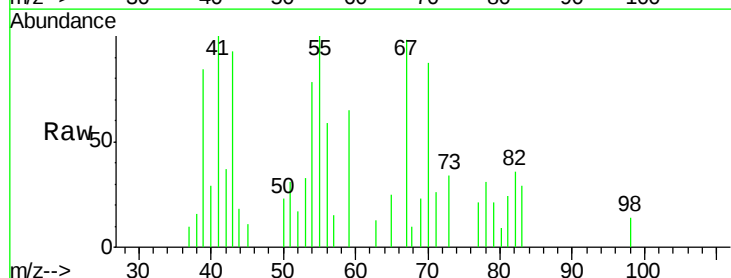
Tgt Ion: 43 Resp: 4705

Ion Ratio Lower Upper

43 100

61 0.0 14.1 21.1#

87 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

8.11

8000

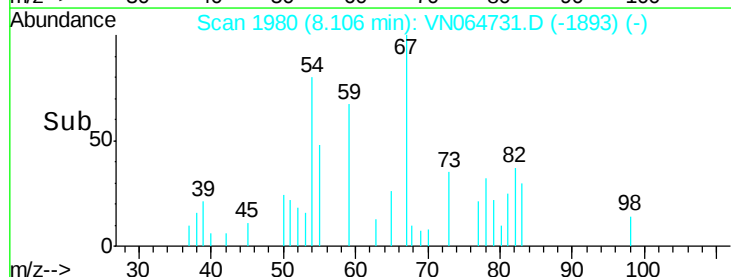
6000

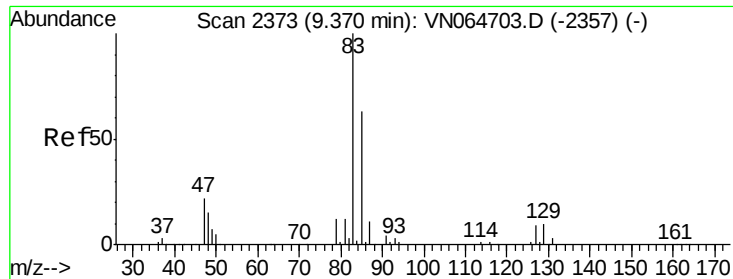
4000

2000

0

Time--> 8.05 8.10 8.15





#47

Bromodichloromethane

Concen: 0.337 ug/l

RT: 9.36 min Scan# 2369

Delta R.T. -0.01 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

MW-5DL

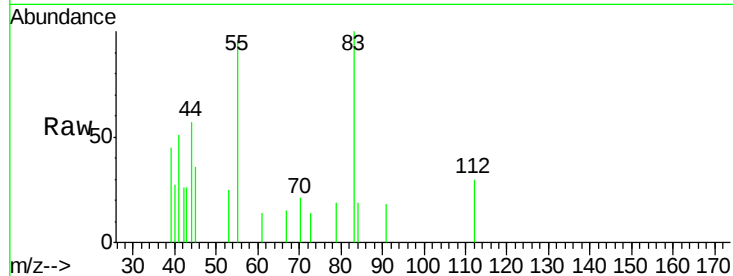
Tot Ion: 83 Resp: 1860

Ion Ratio Lower Upper

83 100

85 0.0 50.8 76.2#

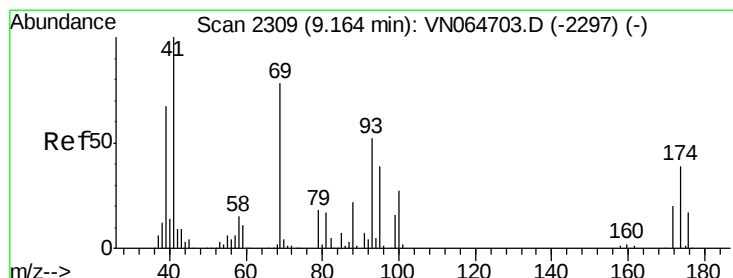
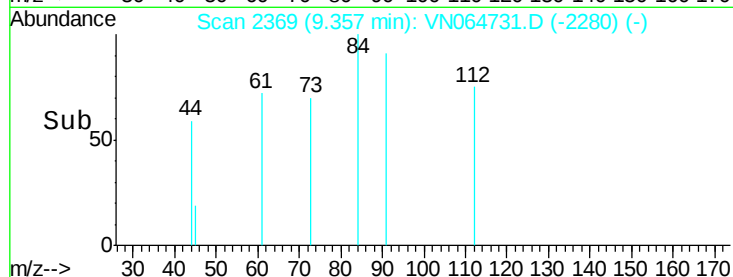
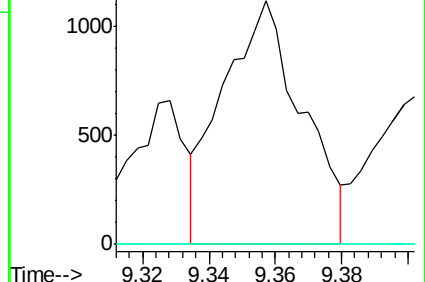
127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 0.421 ug/l

RT: 9.18 min Scan# 2314

Delta R.T. 0.02 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

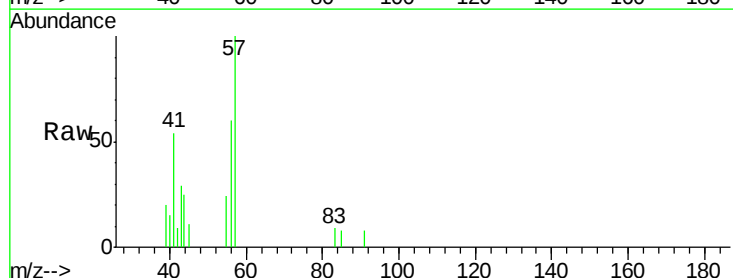
Tgt Ion: 41 Resp: 1607

Ion Ratio Lower Upper

41 100

69 0.0 62.3 93.5#

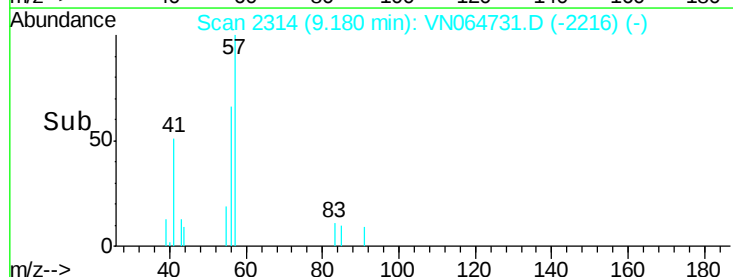
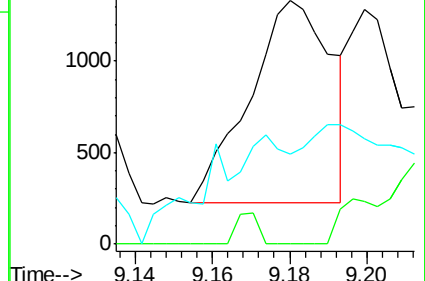
39 53.8 55.1 82.7#

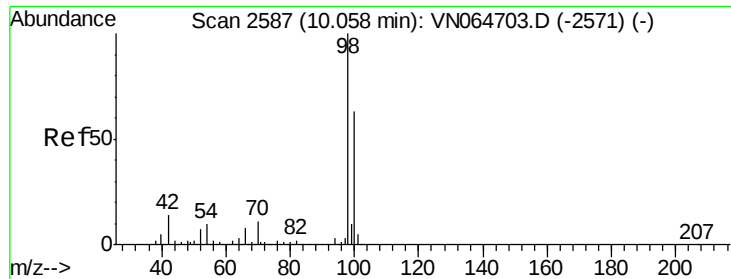


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

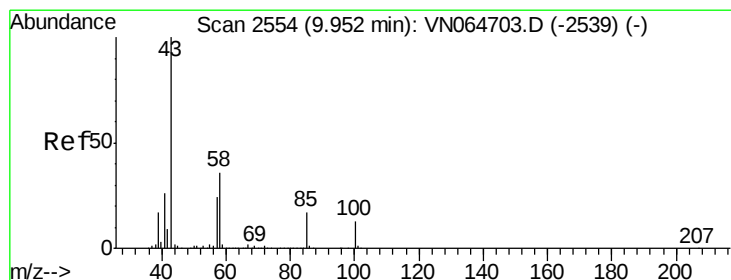
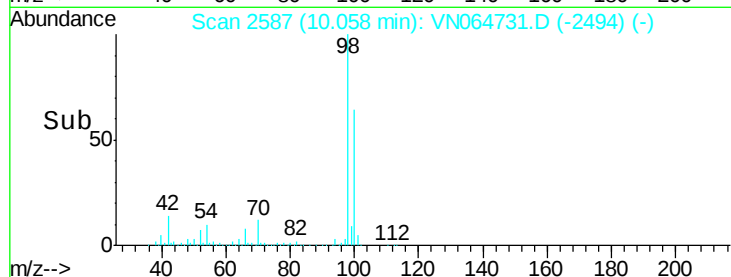
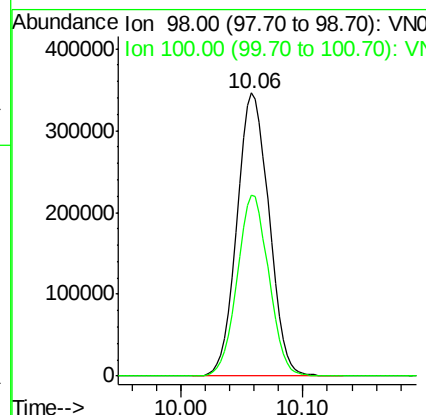
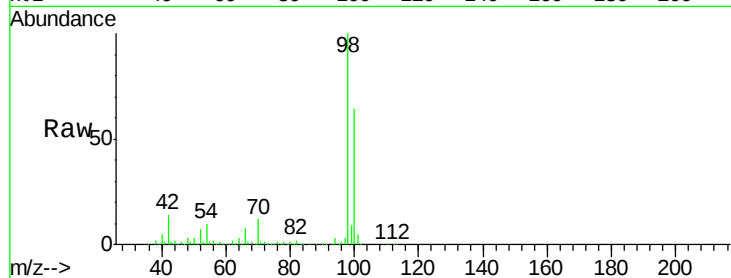




#50
Toluene-d8
Concen: 50.297 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

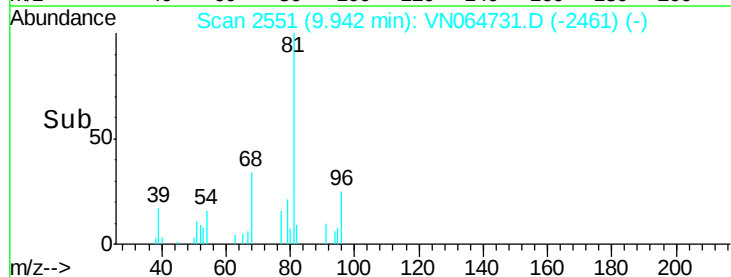
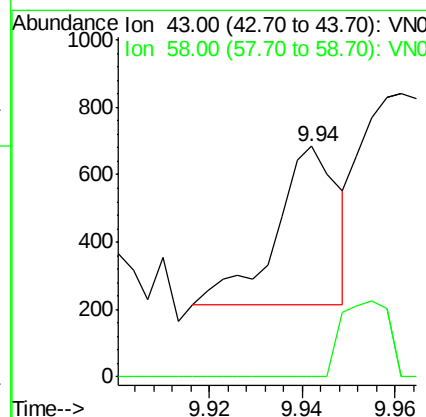
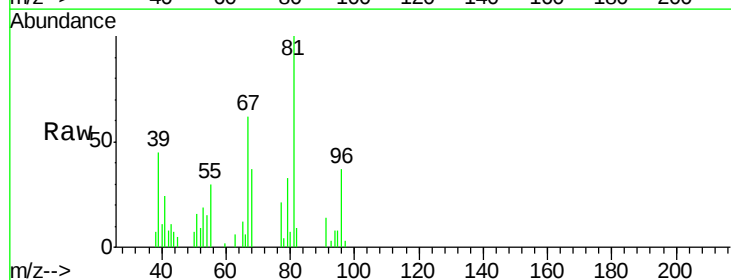
Instrument :
MSVOA_N
ClientSampled :
MW-5DL

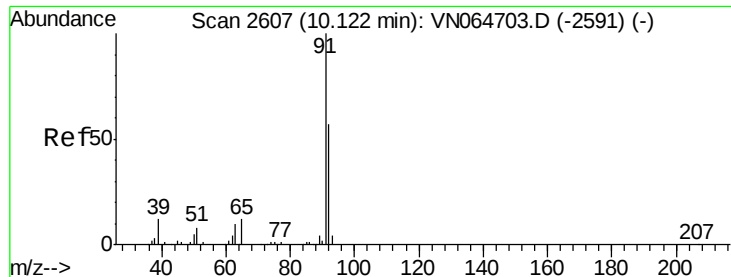
Tot Ion: 98 Resp: 630722
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 6.218 ug/l
RT: 9.94 min Scan# 2551
Delta R.T. -0.01 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
58 0.0 28.5 42.7#





#52

Toluene

Concen: 8.717 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

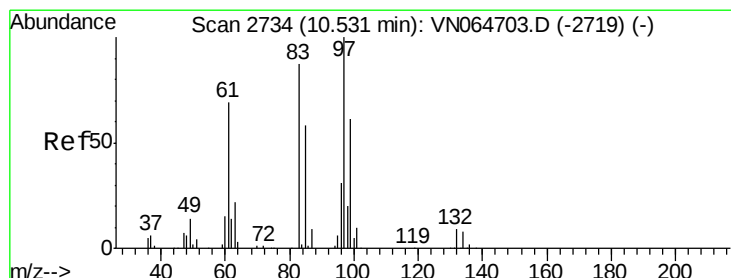
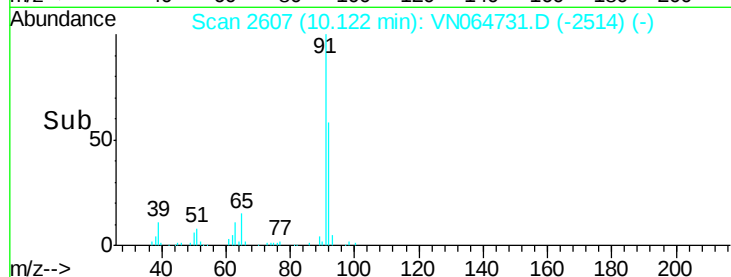
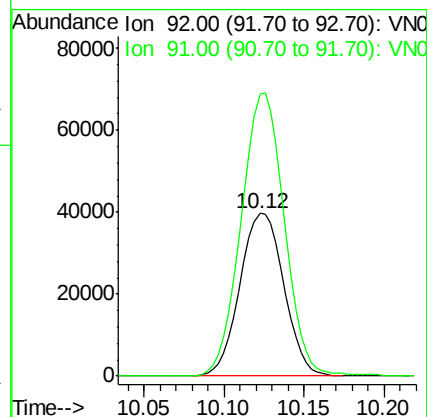
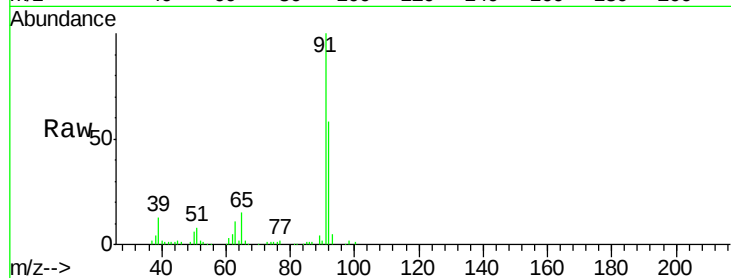
MW-5DL

Tot Ion: 92 Resp: 74603

Ion Ratio Lower Upper

92 100

91 170.6 141.2 211.8



#55

1,1,2-Trichloroethane

Concen: 0.646 ug/l

RT: 10.50 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Tgt Ion: 97 Resp: 2216

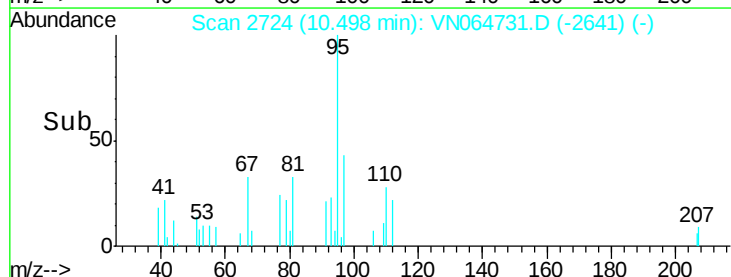
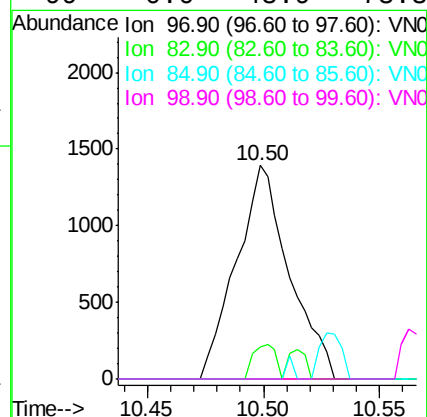
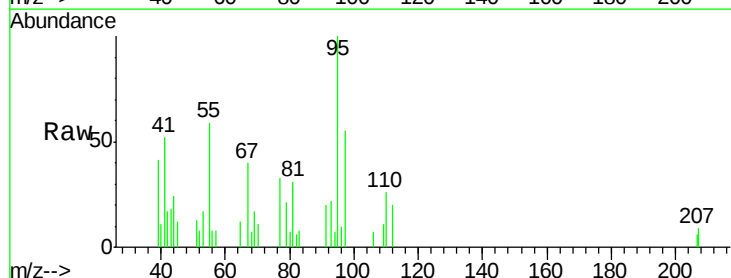
Ion Ratio Lower Upper

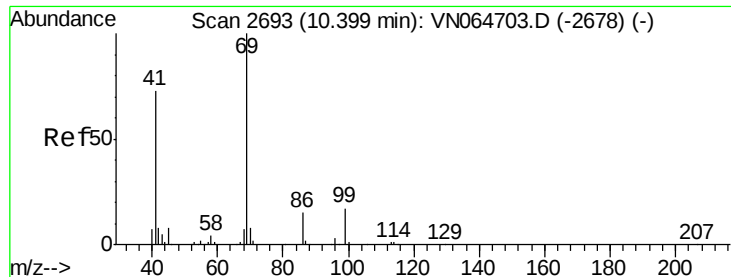
97 100

83 15.0 69.6 104.4#

85 0.0 46.6 70.0#

99 0.0 48.9 73.3#





#56

Ethyl methacrylate

Concen: 2.708 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

MW-5DL

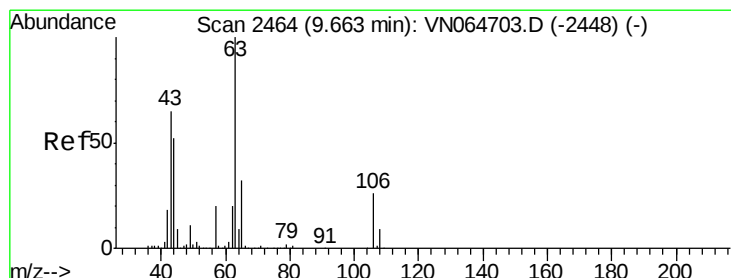
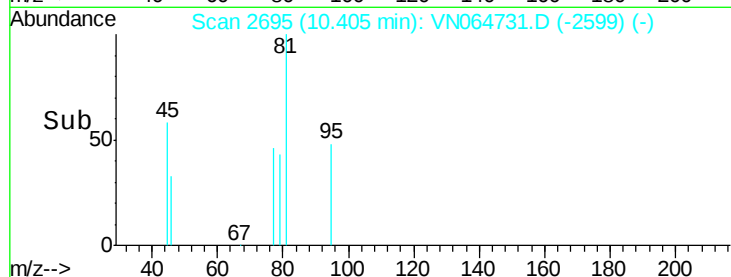
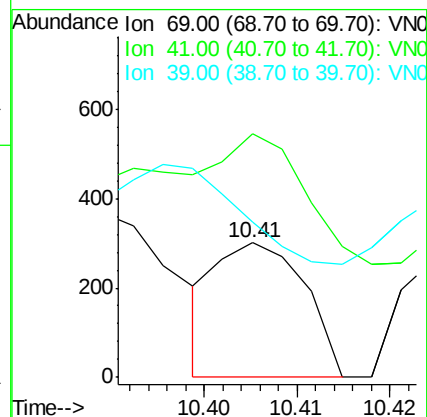
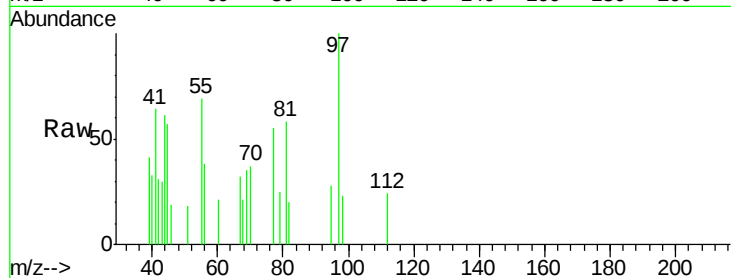
Tot Ion: 69 Resp: 198

Ion Ratio Lower Upper

69 100

41 182.8 59.0 88.4#

39 0.0 38.4 57.6#



#58

2-Chloroethyl Vinyl ether

Concen: 13.406 ug/l

RT: 9.63 min Scan# 2455

Delta R.T. -0.03 min

Lab File: VN064731.D

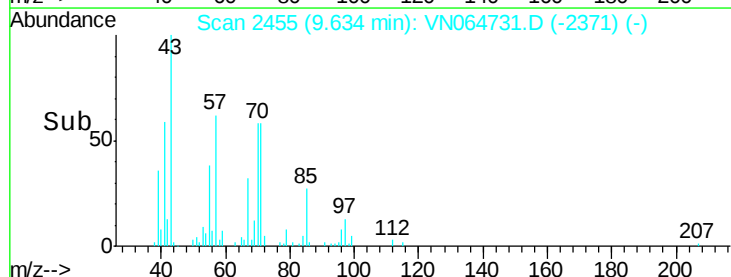
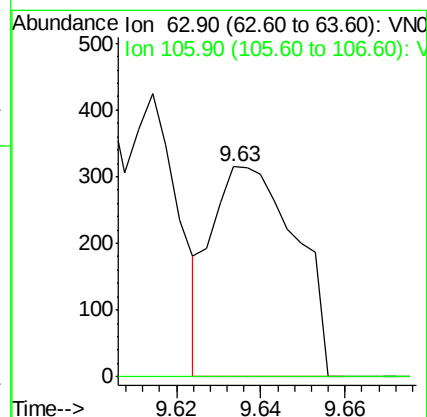
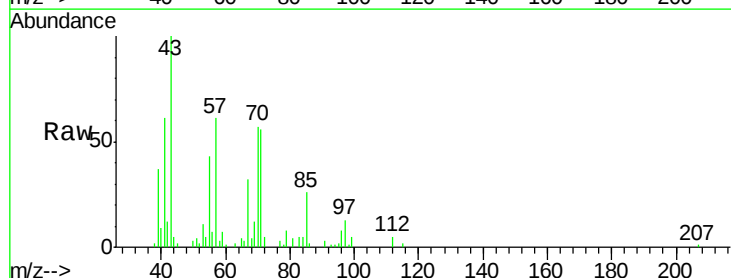
Acq: 19 Nov 2020 14:25

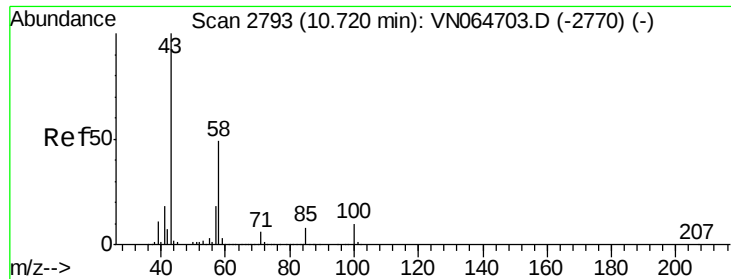
Tgt Ion: 63 Resp: 436

Ion Ratio Lower Upper

63 100

106 0.0 20.9 31.3#





#59

2-Hexanone

Concen: 9.378 ug/l

RT: 10.77 min Scan# 2808

Delta R.T. 0.05 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

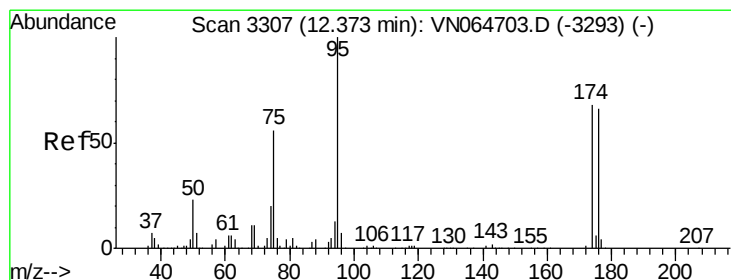
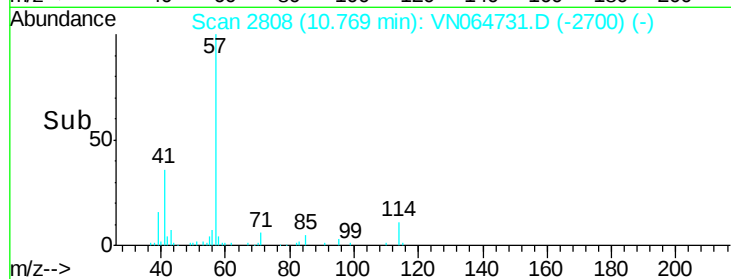
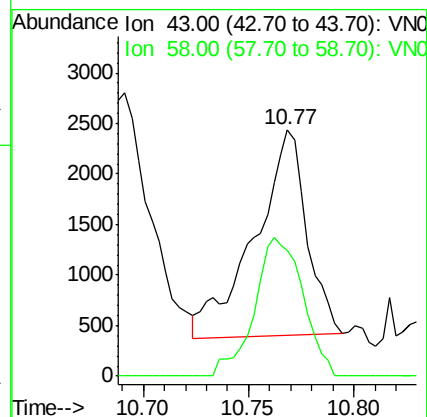
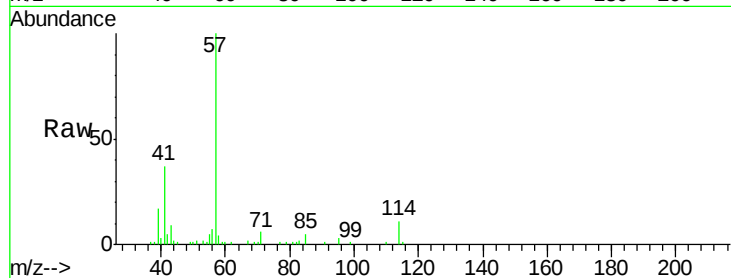
MW-5DL

Tot Ion: 43 Resp: 3487

Ion Ratio Lower Upper

43 100

58 62.7 24.4 73.4



#62

4-Bromofluorobenzene

Concen: 57.402 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

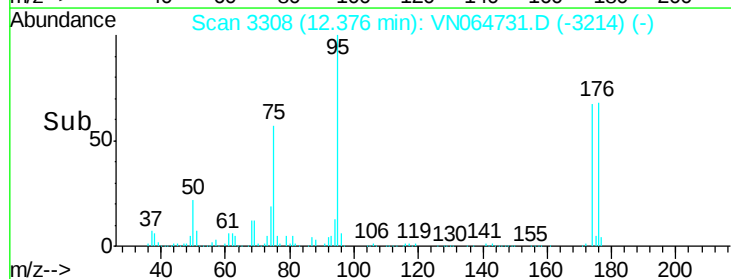
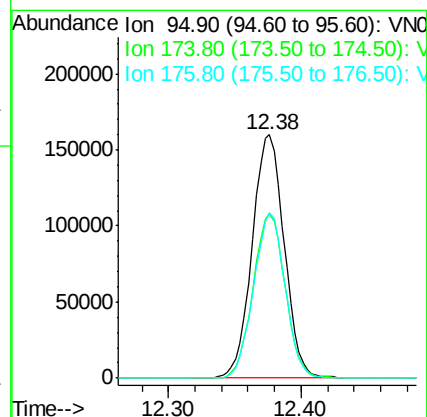
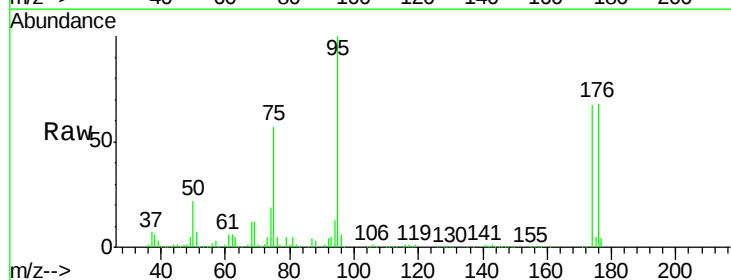
Tgt Ion: 95 Resp: 269050

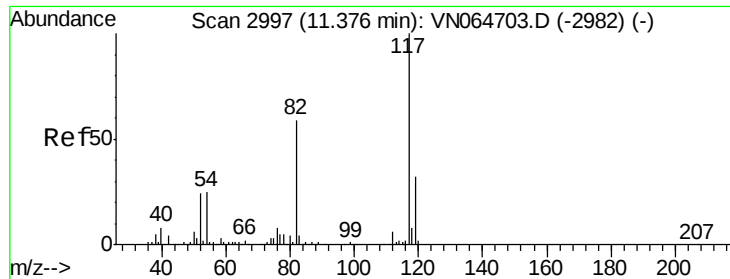
Ion Ratio Lower Upper

95 100

174 67.8 0.0 136.8

176 66.6 0.0 134.2

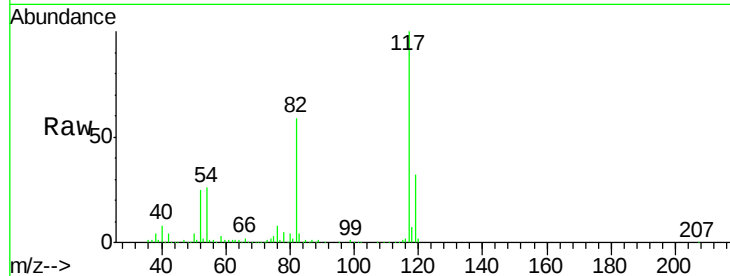




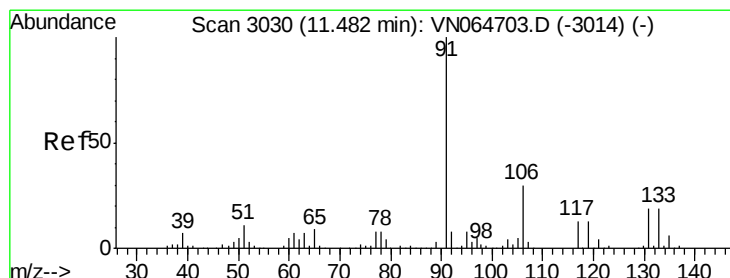
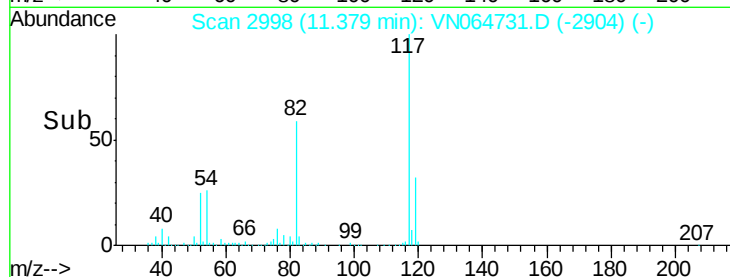
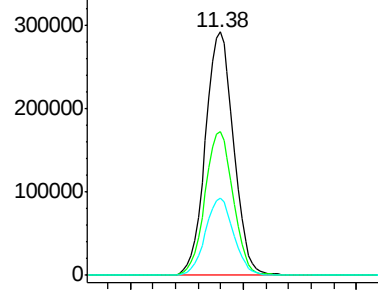
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
MW-5DL

Tot Ion:117 Resp: 505333
Ion Ratio Lower Upper
117 100
82 58.8 47.0 70.6
119 31.9 25.4 38.2

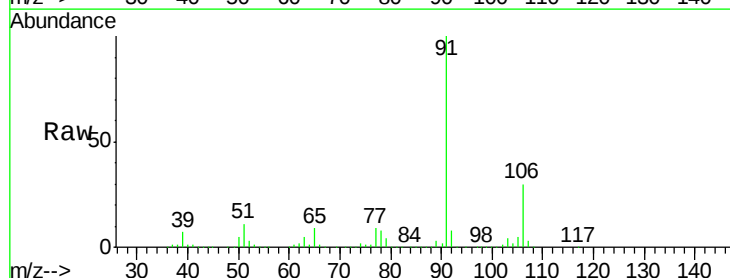


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

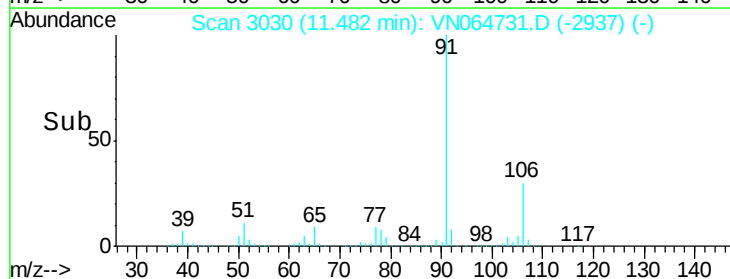
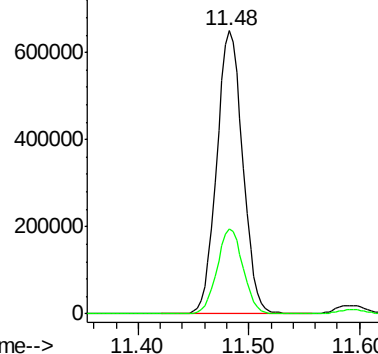


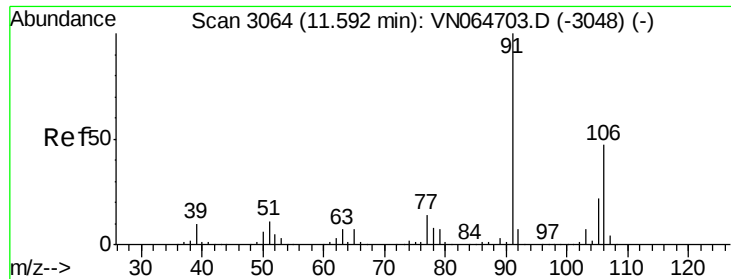
#67
Ethyl Benzene
Concen: 55.953 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Tgt Ion: 91 Resp: 1060468
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

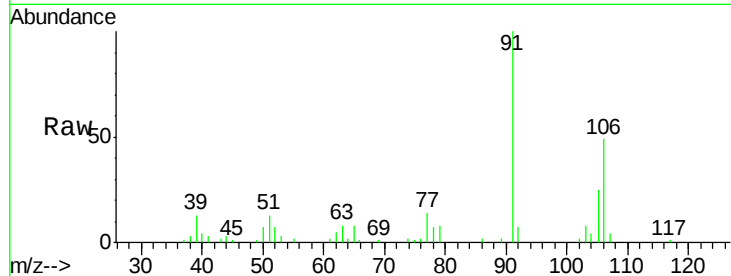




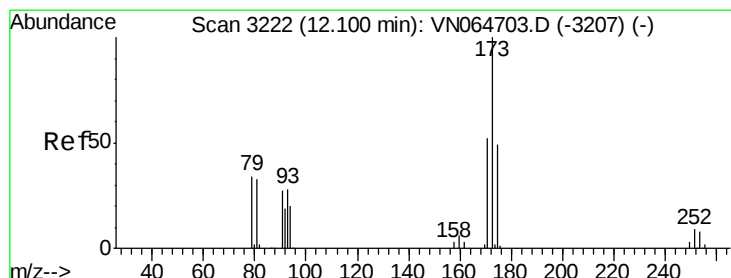
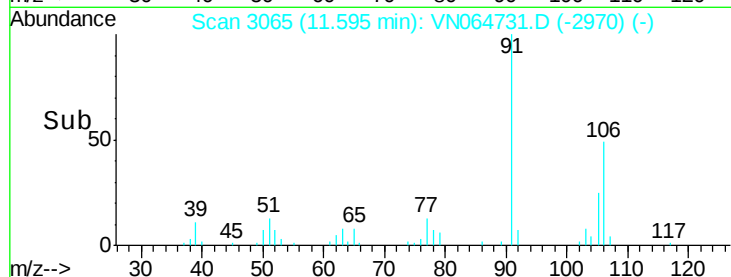
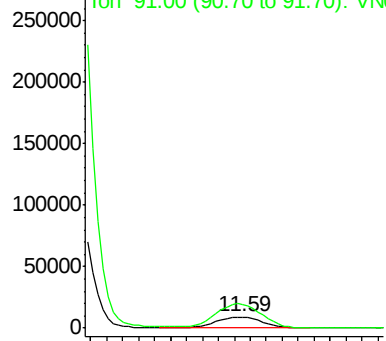
#68
m/p-Xvlenes
Concen: 6.414 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Instrument :
MSVOA_N
ClientSampled :
MW-5DL

Tot Ion:106 Resp: 18871
Ion Ratio Lower Upper
106 100
91 199.8 171.9 257.9

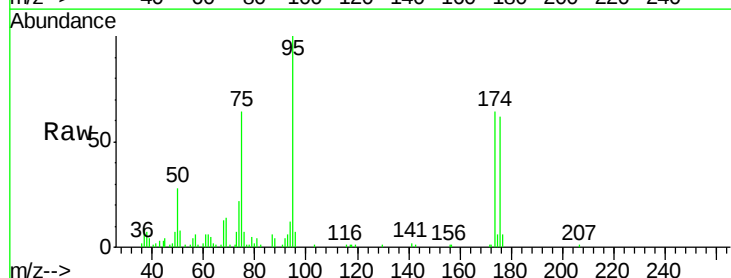


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

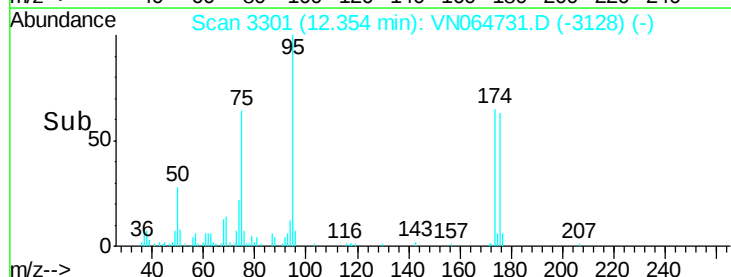
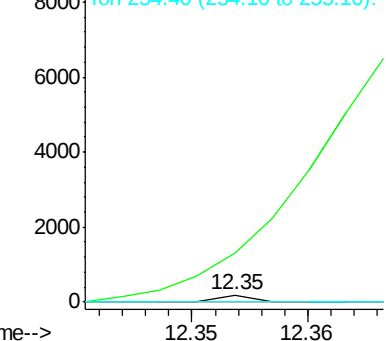


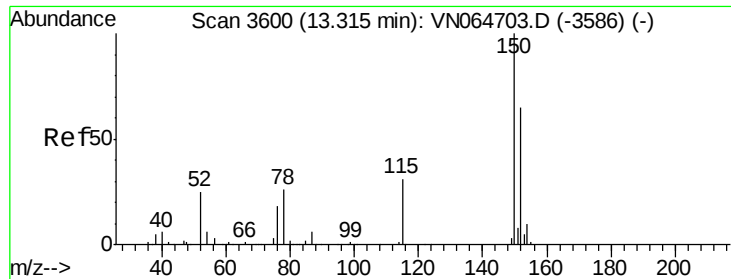
#71
Bromoform
Concen: 2.458 ug/l
RT: 12.35 min Scan# 3301
Delta R.T. 0.25 min
Lab File: VN064731.D
Acq: 19 Nov 2020 14:25

Tgt Ion:173 Resp: 36
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.9#
254 0.0 0.1 0.1#



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# 3600

Delta R.T. -0.00 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

MW-5DL

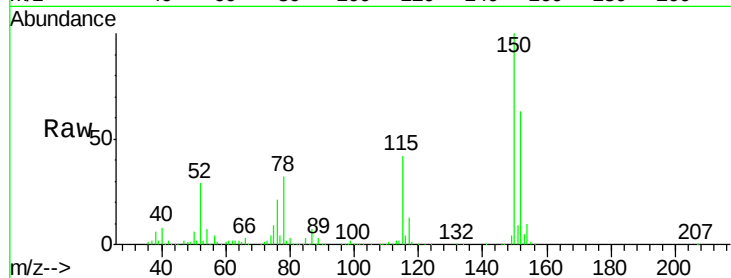
Tot Ion:152 Resp: 223238

Ion Ratio Lower Upper

152 100

115 65.9 32.1 96.3

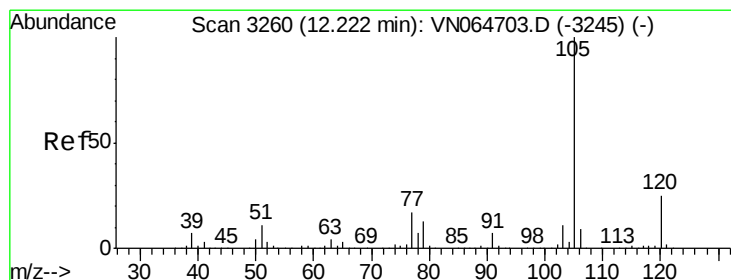
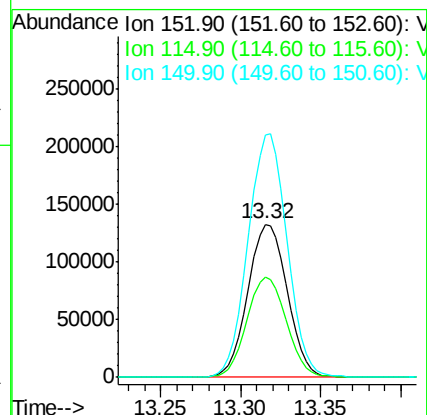
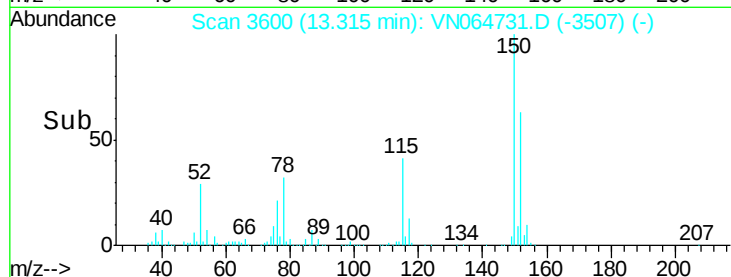
150 157.9 0.0 344.8



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



#73

Isopropylbenzene

Concen: 26.644 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064731.D

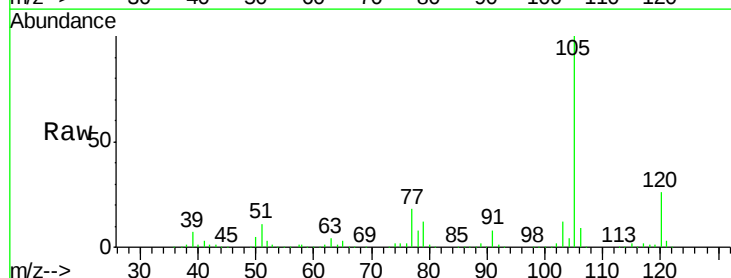
Acq: 19 Nov 2020 14:25

Tgt Ion:105 Resp: 422298

Ion Ratio Lower Upper

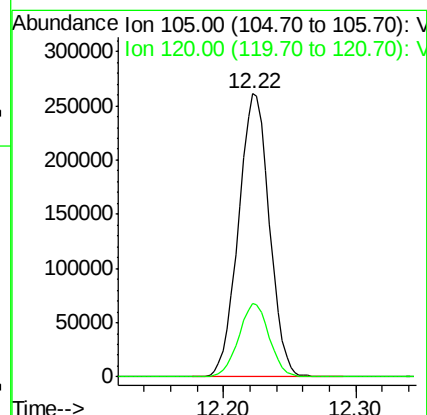
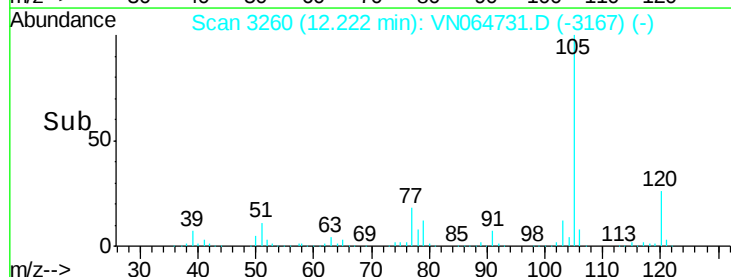
105 100

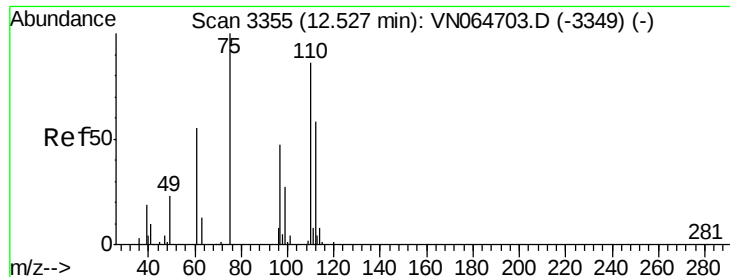
120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 0.985 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.04 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

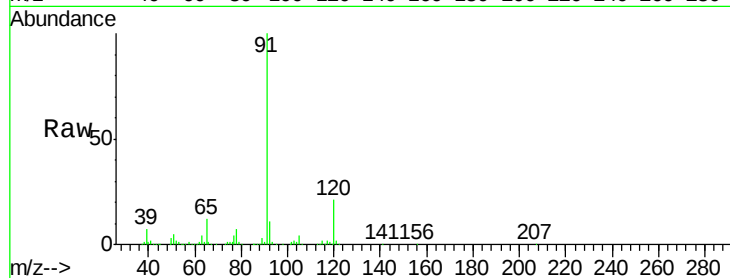
MW-5DL

Tot Ion: 75 Resp: 4740

Ion Ratio Lower Upper

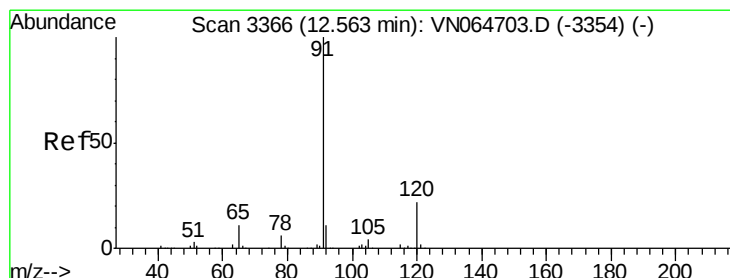
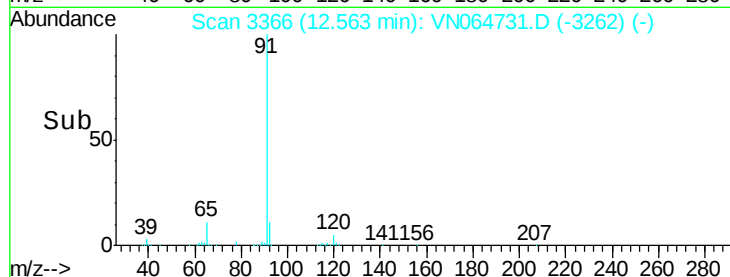
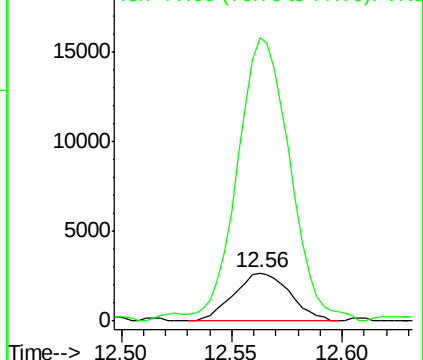
75 100

77 553.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 32.639 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064731.D

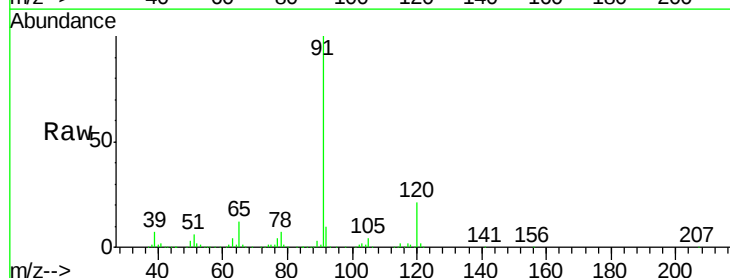
Acq: 19 Nov 2020 14:25

Tgt Ion: 91 Resp: 602462

Ion Ratio Lower Upper

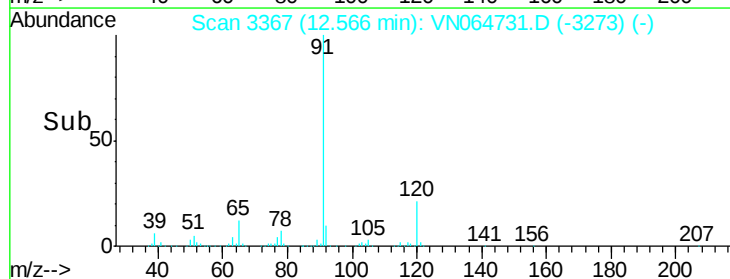
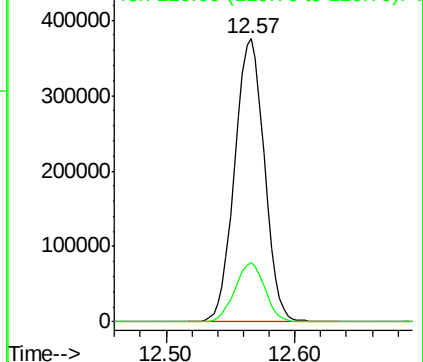
91 100

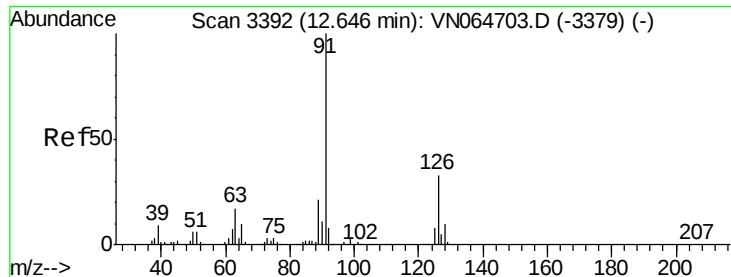
120 20.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.997 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.08 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

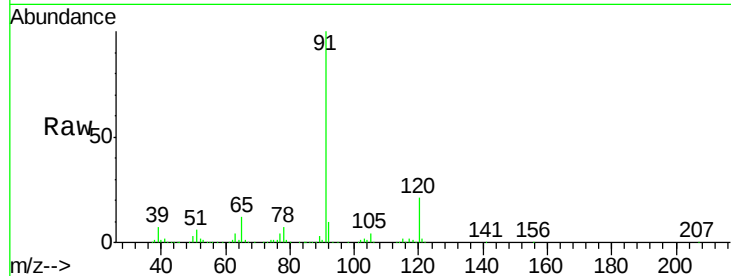
MW-5DL

Tot Ion: 91 Resp: 602462

Ion Ratio Lower Upper

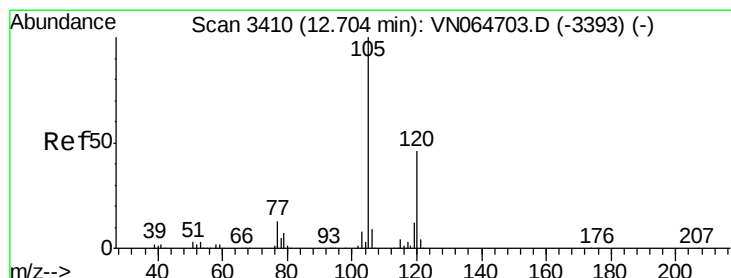
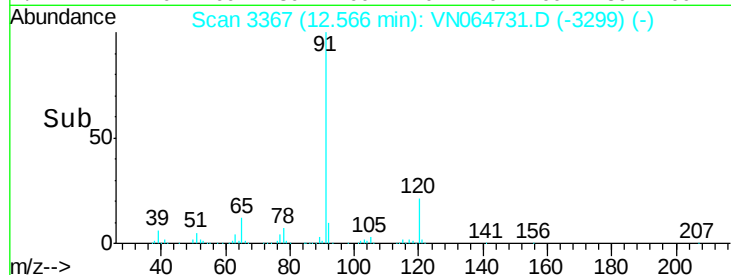
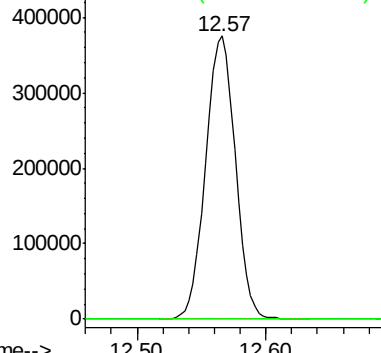
91 100

126 0.0 16.0 48.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 6.733 ug/l

RT: 12.86 min Scan# 3460

Delta R.T. 0.16 min

Lab File: VN064731.D

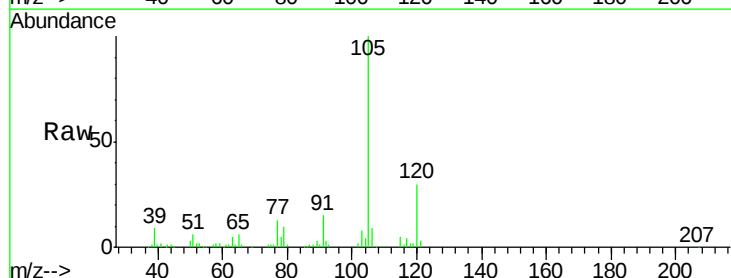
Acq: 19 Nov 2020 14:25

Tgt Ion:105 Resp: 88645

Ion Ratio Lower Upper

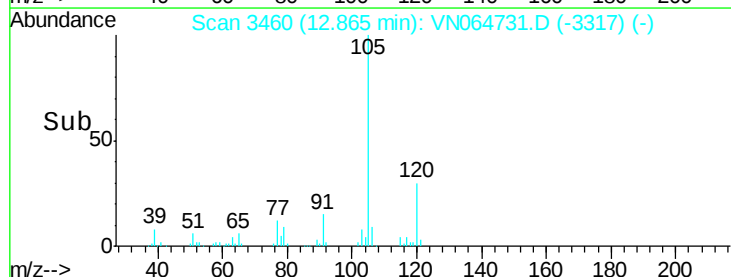
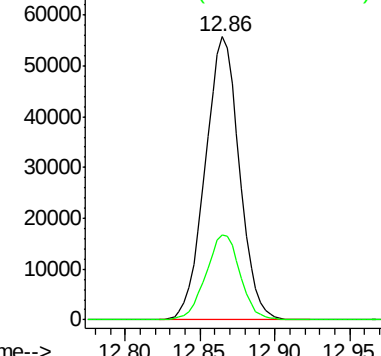
105 100

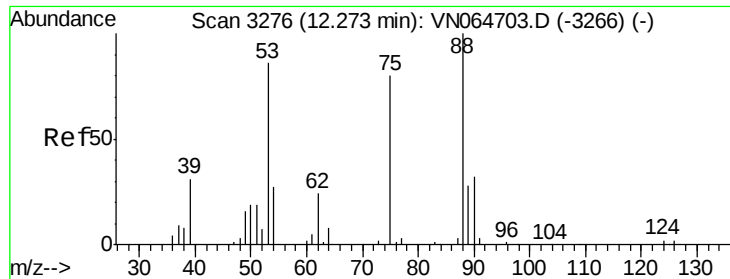
120 30.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.950 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.05 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

MW-5DL

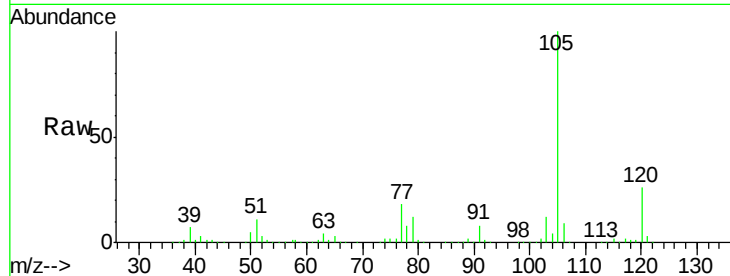
Tot Ion: 75 Resp: 6586

Ion Ratio Lower Upper

75 100

53 86.9 88.8 133.2#

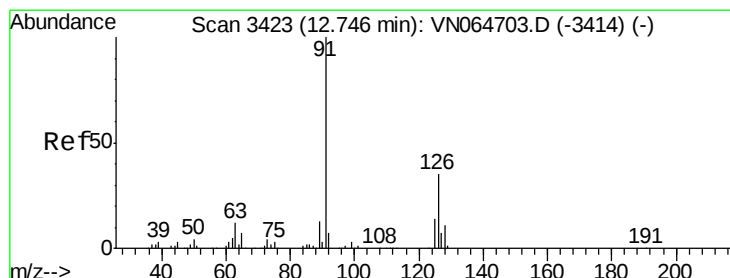
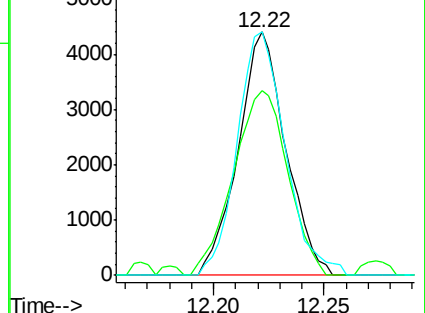
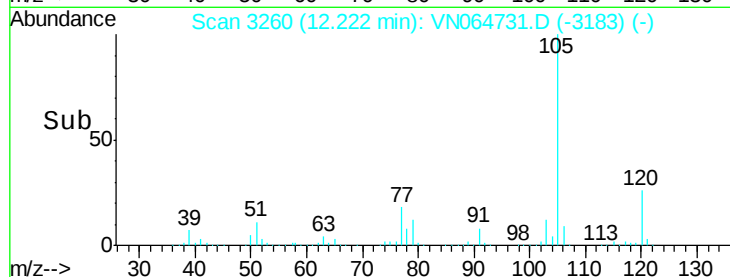
89 101.0 43.1 64.7#



Abundance Ion 74.90 (74.60 to 75.60): VN064731.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064731.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064731.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 47.826 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.18 min

Lab File: VN064731.D

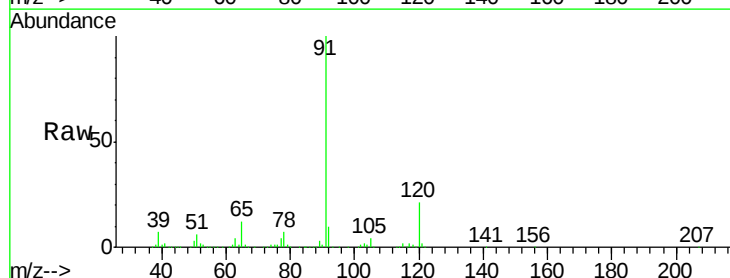
Acq: 19 Nov 2020 14:25

Tgt Ion: 91 Resp: 602462

Ion Ratio Lower Upper

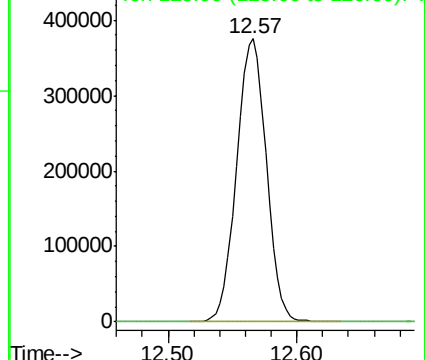
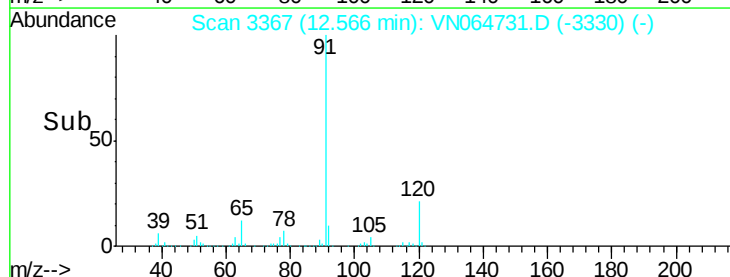
91 100

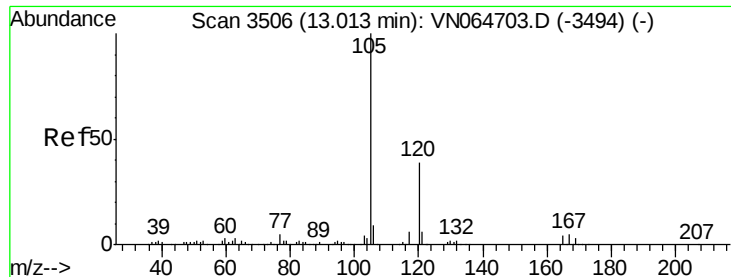
126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN064731.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064731.D (-3330) (-)

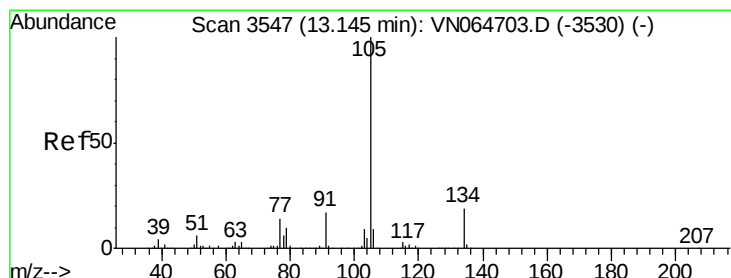
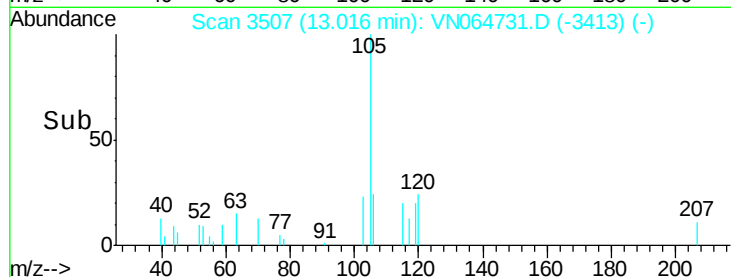
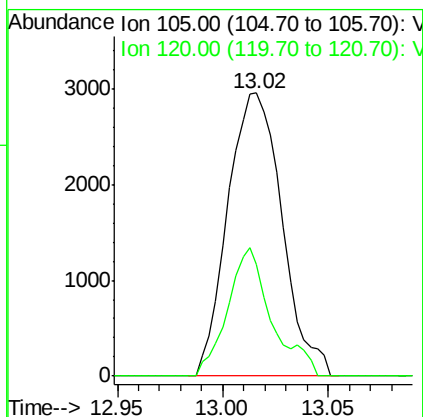
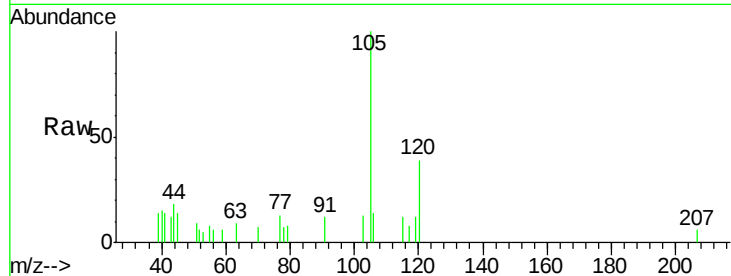




#84
 1,2,4-Trimethylbenzene
 Concen: 0.393 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

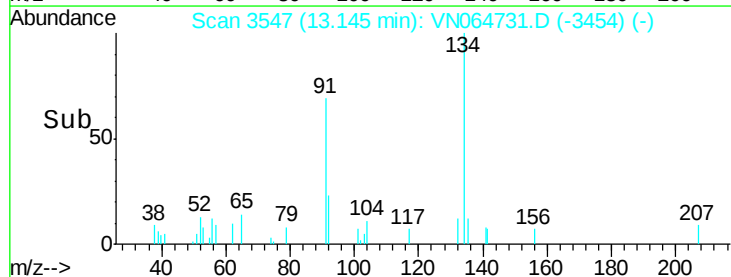
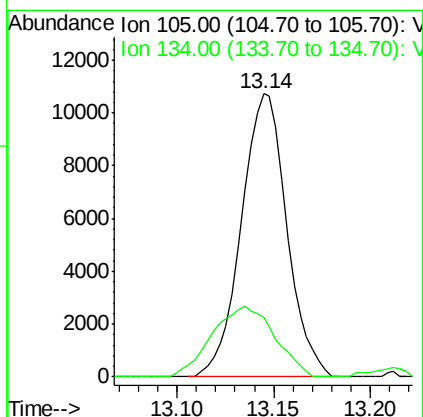
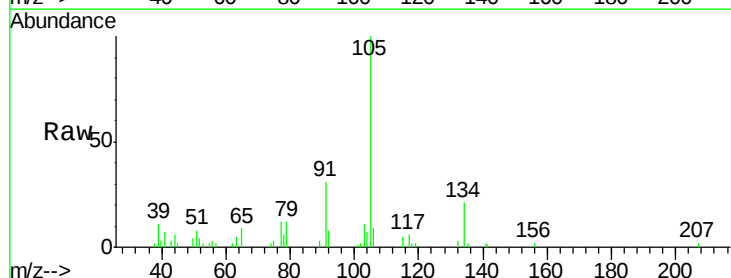
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5DL

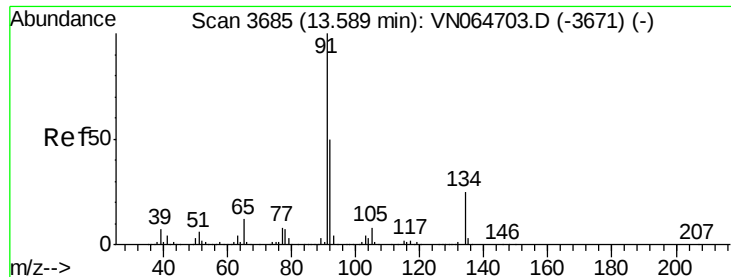
Tot Ion:105 Resp: 5284
 Ion Ratio Lower Upper
 105 100
 120 36.5 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 1.294 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

Tgt Ion:105 Resp: 17566
 Ion Ratio Lower Upper
 105 100
 134 34.5 9.5 28.5#





#89

n-Butylbenzene

Concen: 2.089 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064731.D

Acq: 19 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

MW-5DL

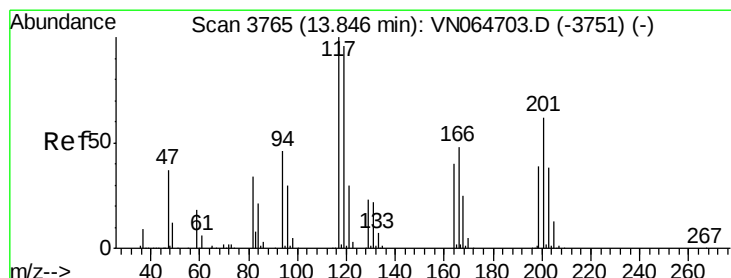
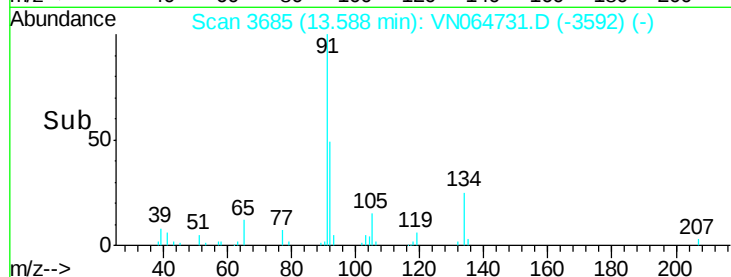
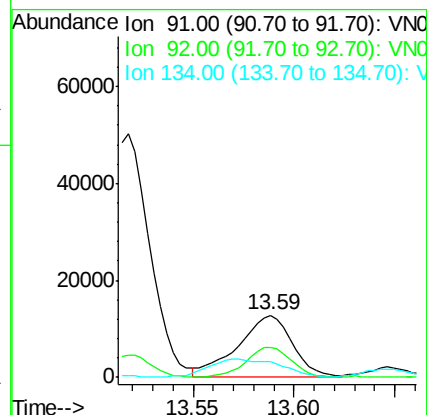
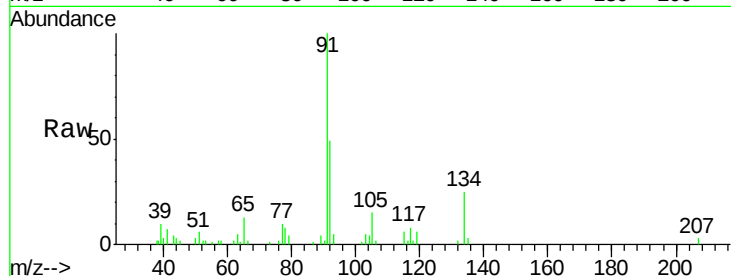
Tot Ion: 91 Resp: 24351

Ion Ratio Lower Upper

91 100

92 39.9 24.9 74.8

134 38.9 12.0 36.0#



#90

Hexachloroethane

Concen: 7.590 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN064731.D

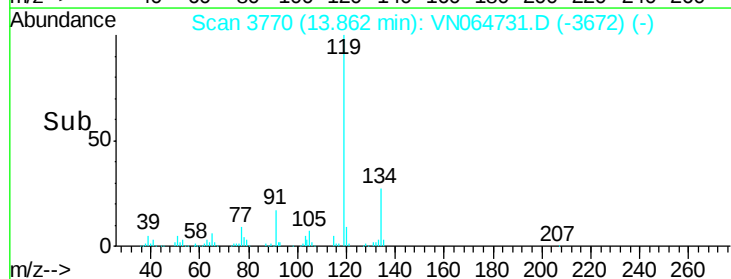
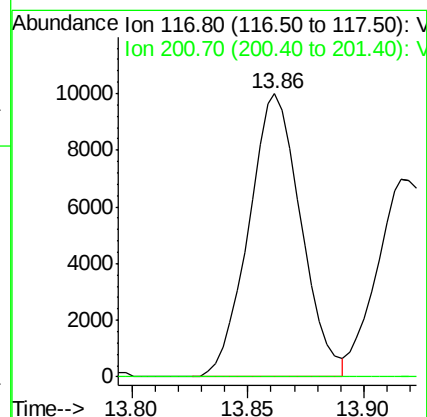
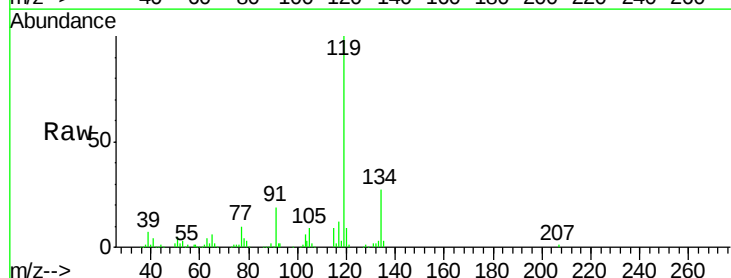
Acq: 19 Nov 2020 14:25

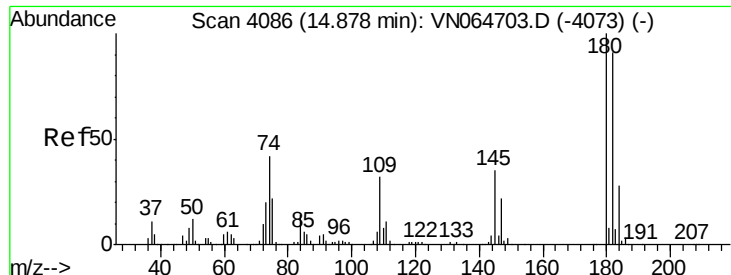
Tgt Ion: 117 Resp: 15667

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.5#

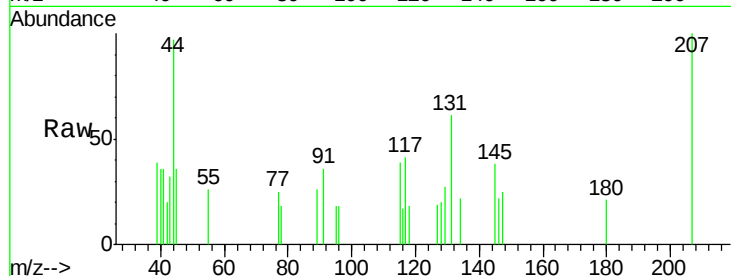




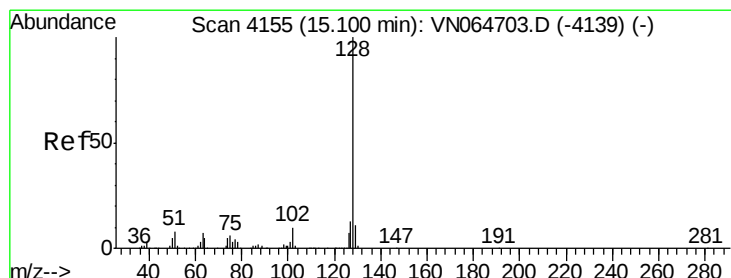
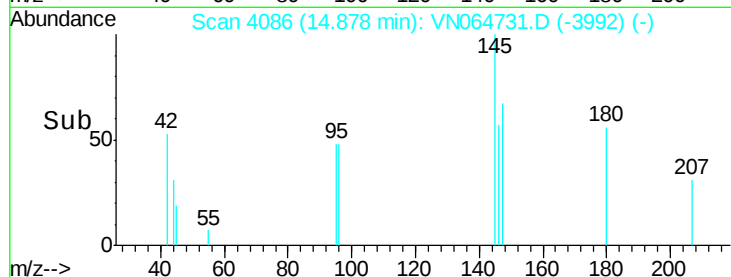
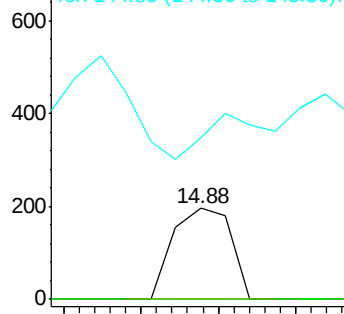
#93
 1,2,4-Trichlorobenzene
 Concen: 1.357 ug/l
 RT: 14.88 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5DL

Tot Ion:180 Resp: 102
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.8#
 145 746.1 17.5 52.5#

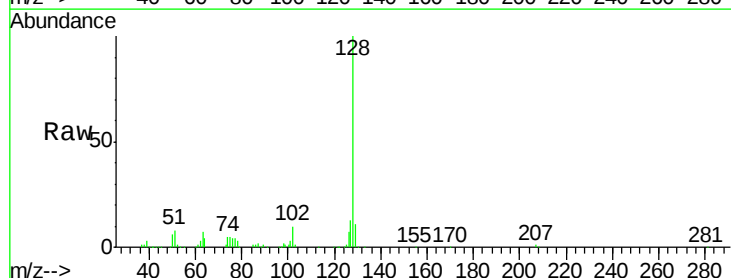


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 21.855 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064731.D
 Acq: 19 Nov 2020 14:25

Tgt Ion:128 Resp: 274224
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.8 16.2
 129 11.0 8.9 13.3



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

