

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064721.D
 Acq On : 18 Nov 2020 21:00
 Operator : JC/MD
 Sample : L4783-21 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Nov 19 01:39:22 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	7.62	168	232930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	455955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	234851	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	207264	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
35) Dibromofluoromethane	7.55	113	123076	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
50) Toluene-d8	10.06	98	575416	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.37	95	268386	60.88	ug/l	0.00
Spiked Amount			Recovery	=	121.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	193	0.485	ug/l #	70
13) Acrolein	3.52	56	13472	144.748	ug/l #	1
14) Allyl chloride	4.38	41	18298	4.255	ug/l #	1
15) Acrylonitrile	5.00	53	2664	2.282	ug/l #	35
16) Acetone	3.75	43	7021	12.003	ug/l #	67
18) Methyl Acetate	4.33	43	1476	1.812	ug/l #	54
19) Methyl tert-butyl Ether	5.00	73	103055	12.299	ug/l #	52
20) Methylene Chloride	4.50	84	5353	1.764	ug/l	85
25) 2-Butanone	6.78	43	1334	0.852	ug/l #	51
31) Cyclohexane	7.62	56	29536	6.667	ug/l #	78
36) 1,1-Dichloropropene	7.62	75	23411	4.991	ug/l #	51
38) Carbon Tetrachloride	7.63	117	26699	5.356	ug/l #	16
39) Methylcyclohexane	9.05	83	10624	2.556	ug/l	96
40) Benzene	8.00	78	324114	24.798	ug/l	98
41) Methacrylonitrile	7.27	41	1099	0.610	ug/l #	18
42) 1,2-Dichloroethane	8.00	62	3643	0.648	ug/l	92
51) 4-Methyl-2-Pentanone	10.12	43	105693	28.563	ug/l #	39
52) Toluene	10.13	92	7536745	936.247	ug/l #	68
53) t-1,3-Dichloropropene	10.13	75	119970	21.591	ug/l #	1
56) Ethyl methacrylate	10.37	69	264	2.722	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.63	63	102	13.305	ug/l #	49
59) 2-Hexanone	10.79	43	206	8.498	ug/l	77
67) Ethyl Benzene	11.48	91	1572218	85.808	ug/l	99
68) m/p-Xylenes	11.59	106	1891114	247.914	ug/l	97
69) o-Xylene	11.92	106	686774	107.438	ug/l	96
70) Styrene	11.92	104	38781	5.490	ug/l #	1
71) Bromoform	12.36	173	129	2.487	ug/l #	1
73) Isopropylbenzene	12.22	105	210818	12.643	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	5872	1.160	ug/l #	100
78) n-propylbenzene	12.57	91	241601	12.442	ug/l	99
79) 2-Chlorotoluene	12.63	91	74522	5.996	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	260793	18.828	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.37	75	150345	75.754	ug/l #	5
82) 4-Chlorotoluene	12.70	91	29662	2.238	ug/l #	43

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Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration

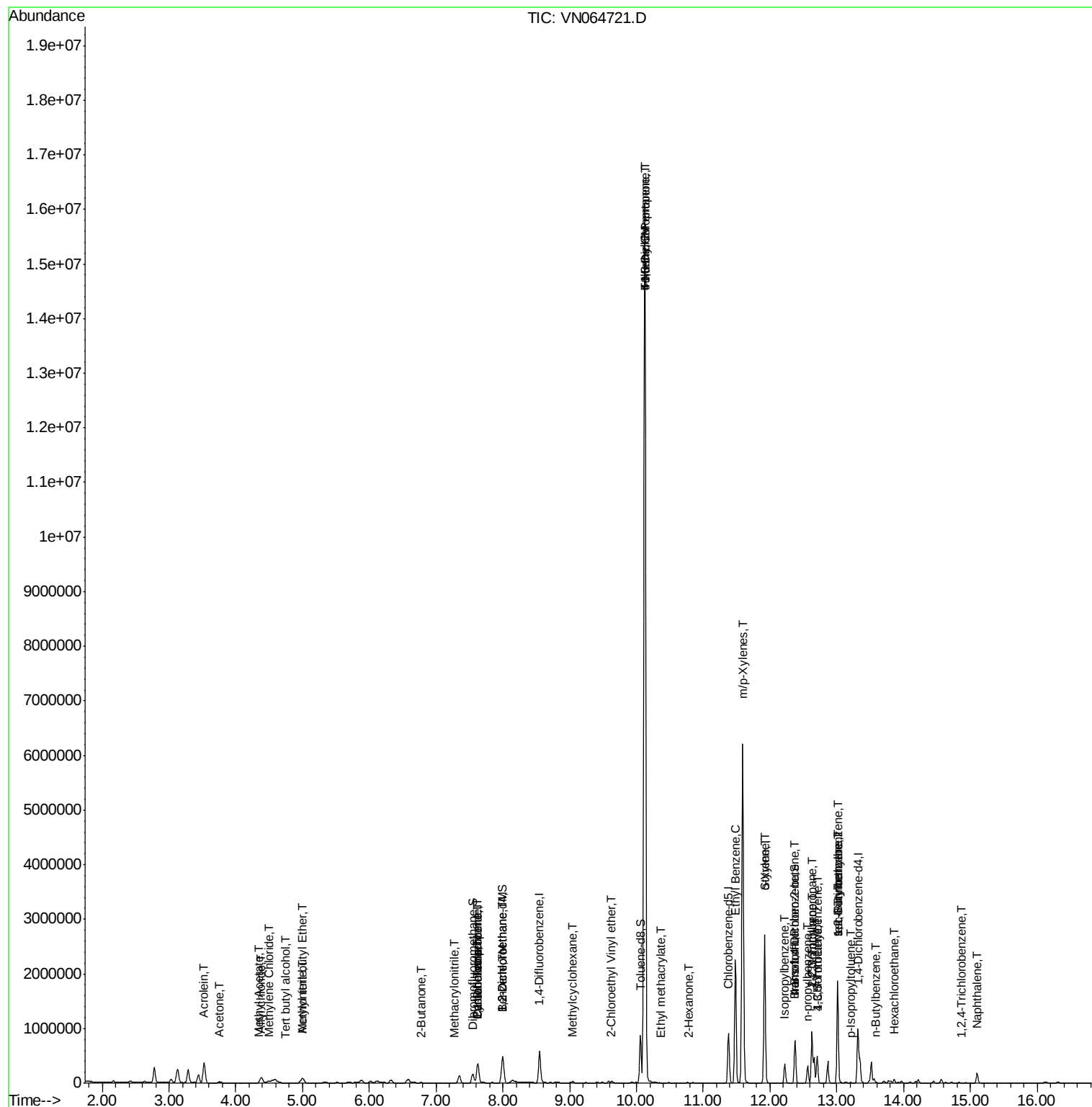
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.01	119	118677	11.075	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.01	105	1003865	71.011	ug/l	99
85) sec-Butylbenzene	13.01	105	1003865	70.285	ug/l #	58
86) p-Isopropyltoluene	13.21	119	5558	0.423	ug/l #	68
89) n-Butylbenzene	13.59	91	5236	0.427	ug/l #	79
90) Hexachloroethane	13.86	117	3904	1.798	ug/l #	18
93) 1,2,4-Trichlorobenzene	14.87	180	151	1.368	ug/l #	41
95) Naphthalene	15.10	128	144295	10.931	ug/l	99

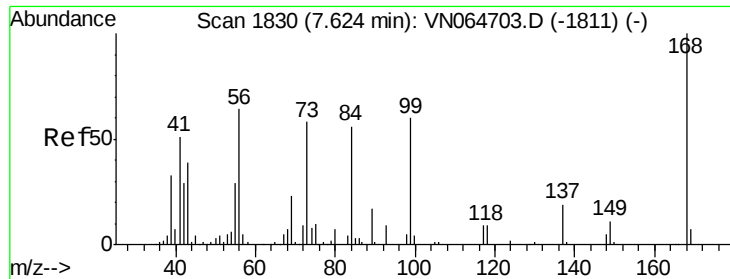
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

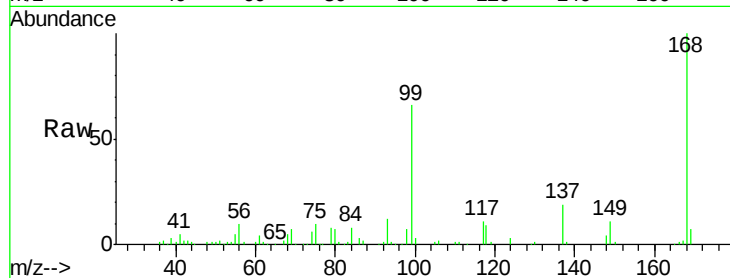
MW-3

Tot Ion:168 Resp: 232930

Ion Ratio Lower Upper

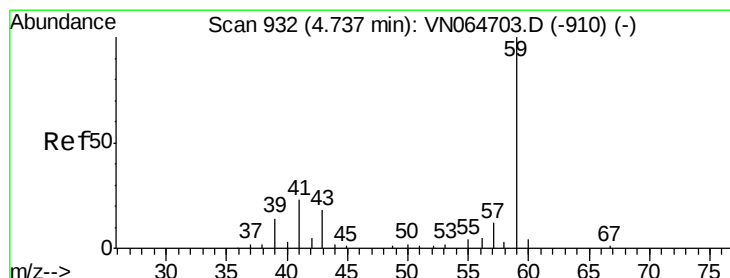
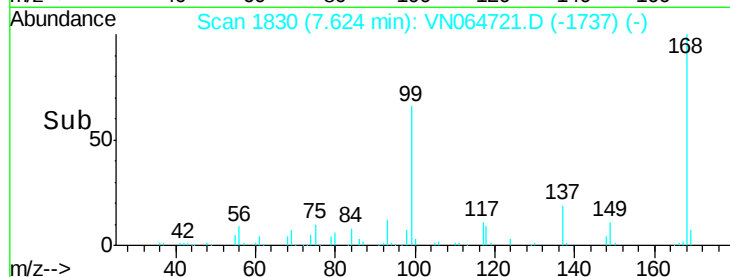
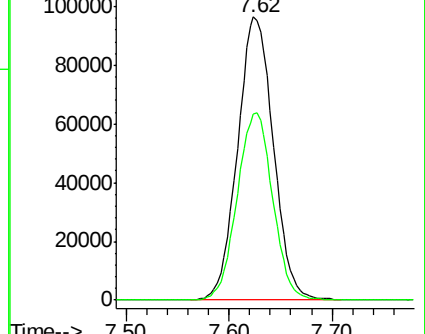
168 100

99 65.6 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.485 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.01 min

Lab File: VN064721.D

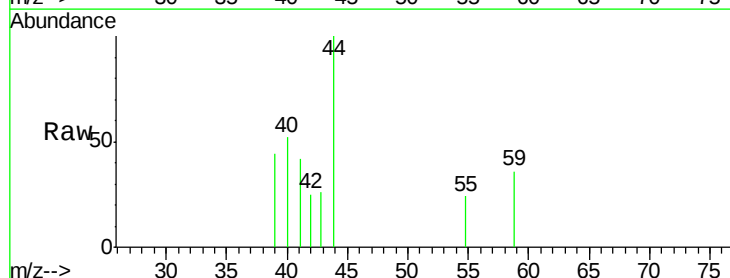
Acq: 18 Nov 2020 21:00

Tgt Ion: 59 Resp: 193

Ion Ratio Lower Upper

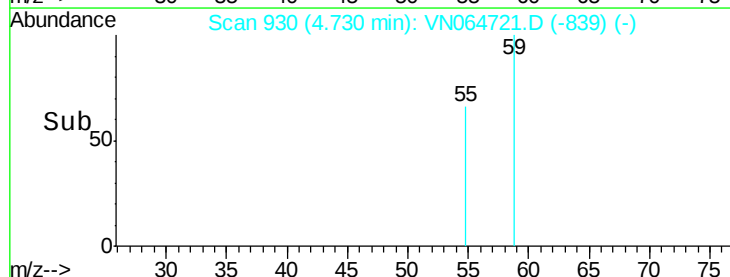
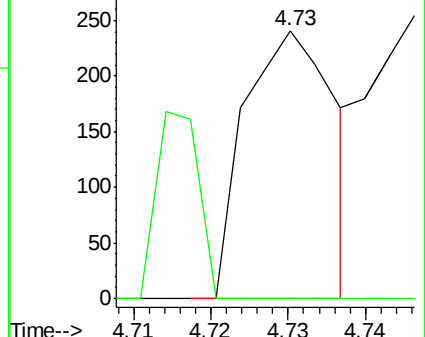
59 100

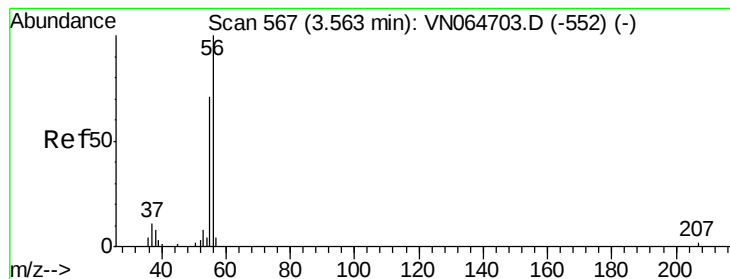
57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 144.748 ug/l

RT: 3.52 min Scan# 554

Delta R.T. -0.04 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

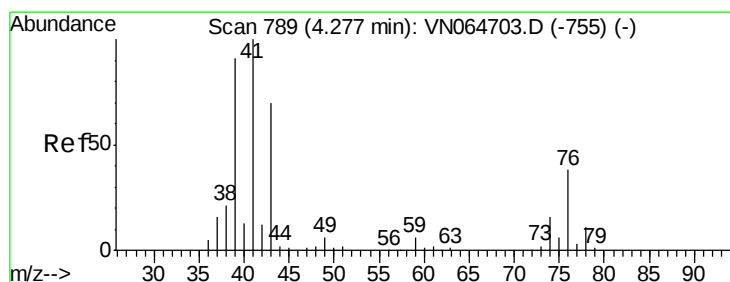
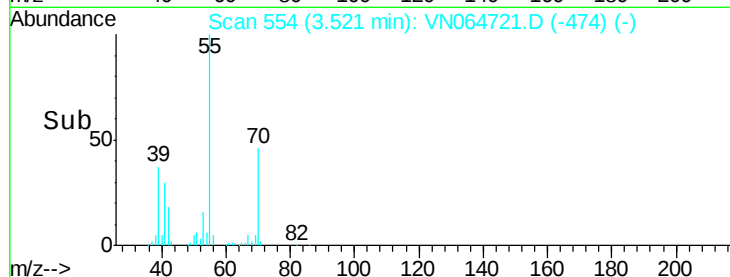
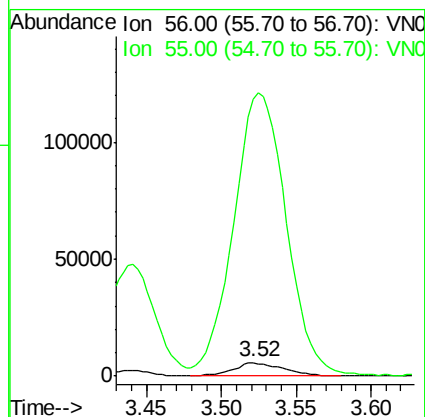
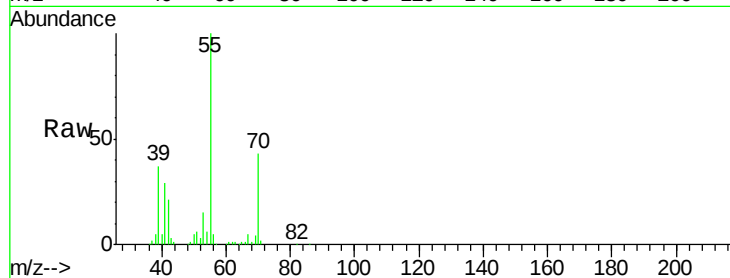
MW-3

Tot Ion: 56 Resp: 13472

Ion Ratio Lower Upper

56 100

55 2187.0 61.8 92.6#



#14

Allyl chloride

Concen: 4.255 ug/l

RT: 4.38 min Scan# 821

Delta R.T. 0.10 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

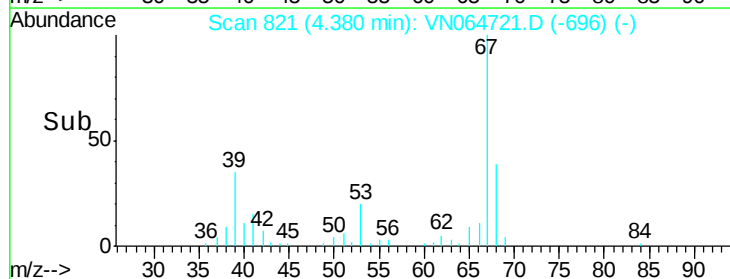
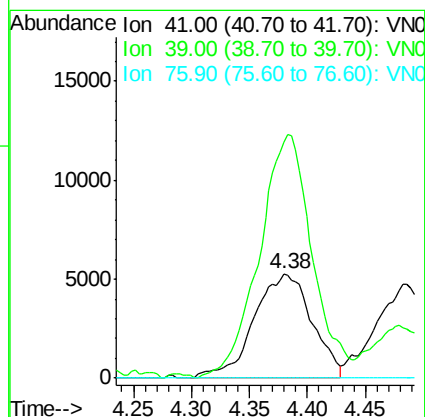
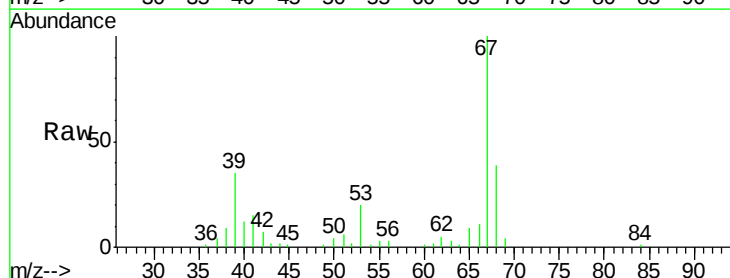
Tgt Ion: 41 Resp: 18298

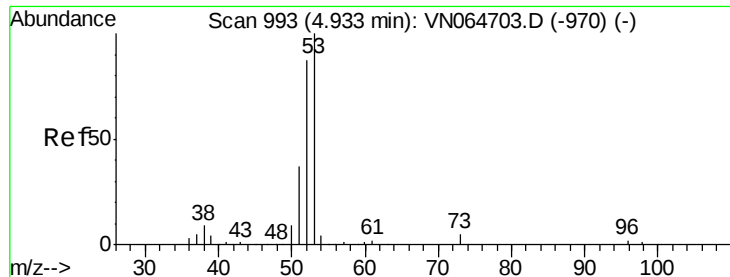
Ion Ratio Lower Upper

41 100

39 212.5 66.1 99.1#

76 0.0 26.6 40.0#





#15

Acrylonitrile

Concen: 2.282 ug/l

RT: 5.00 min Scan# 1014

Delta R.T. 0.07 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

MW-3

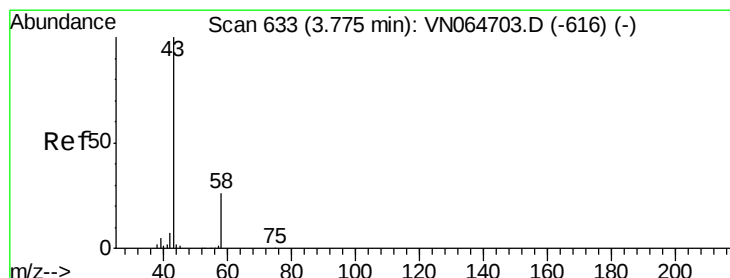
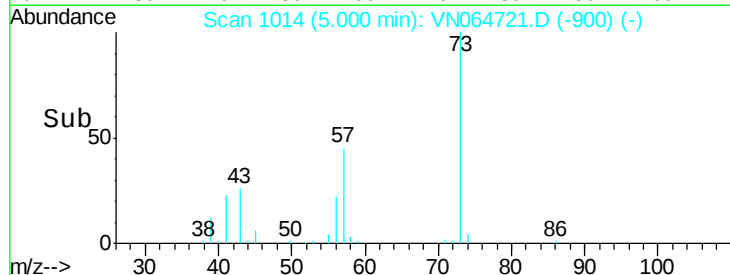
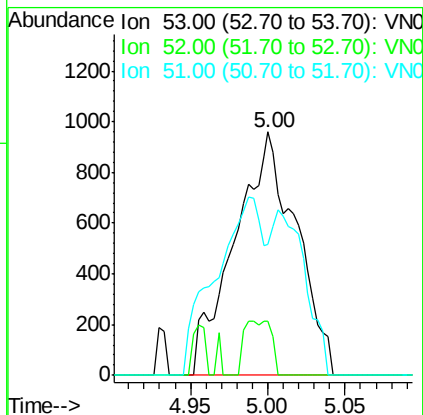
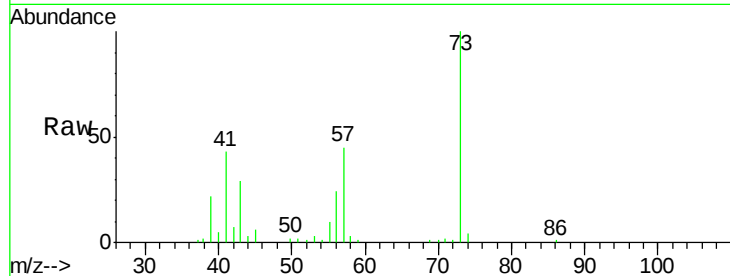
Tot Ion: 53 Resp: 2664

Ion Ratio Lower Upper

53 100

52 0.0 67.2 100.8#

51 36.1 31.0 46.6



#16

Acetone

Concen: 12.003 ug/l

RT: 3.75 min Scan# 625

Delta R.T. -0.03 min

Lab File: VN064721.D

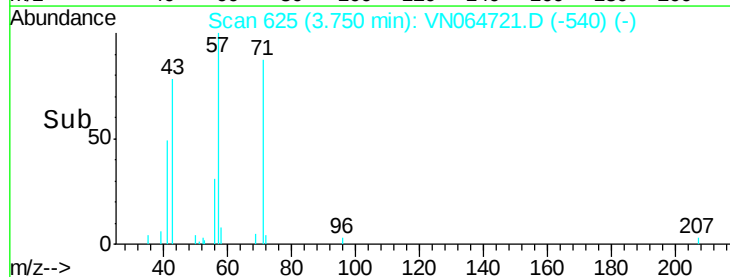
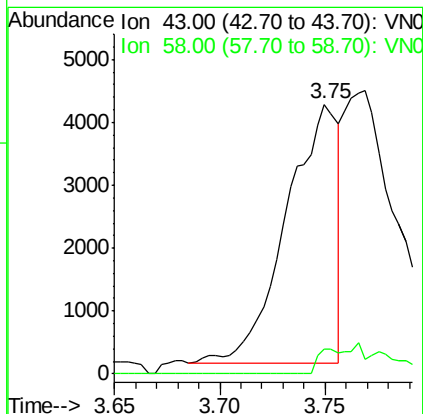
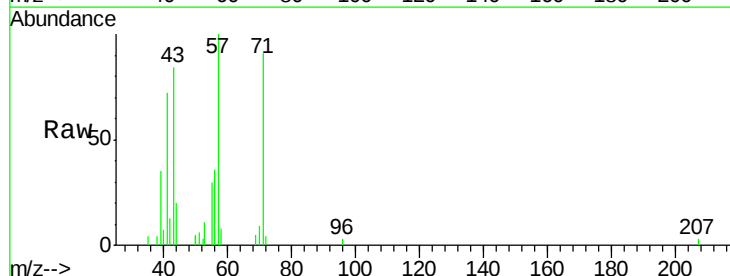
Acq: 18 Nov 2020 21:00

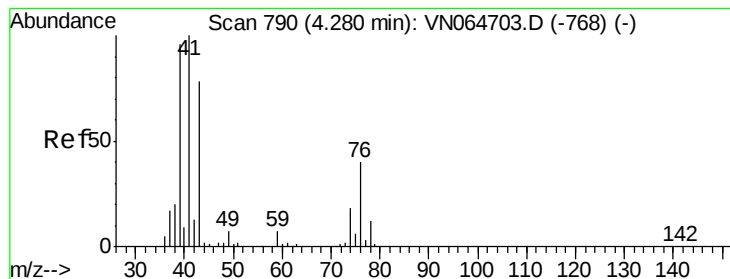
Tgt Ion: 43 Resp: 7021

Ion Ratio Lower Upper

43 100

58 9.4 21.2 31.8#





#18

Methyl Acetate

Concen: 1.812 ug/l

RT: 4.33 min Scan# 807

Delta R.T. 0.05 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

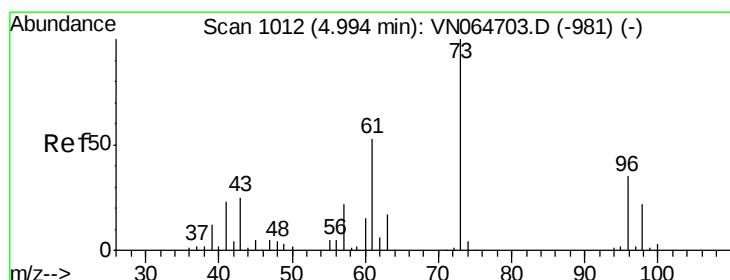
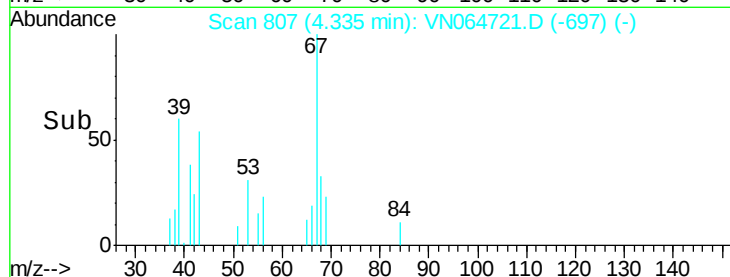
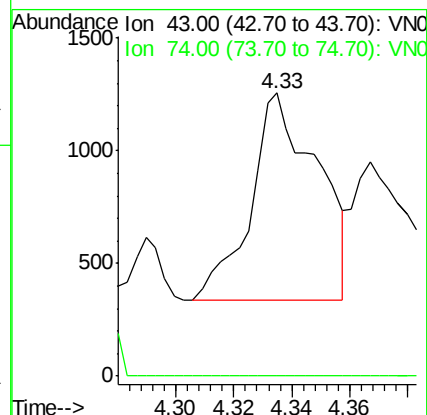
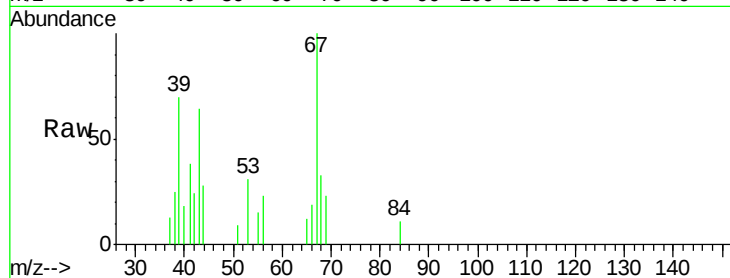
MW-3

Tot Ion: 43 Resp: 1476

Ion Ratio Lower Upper

43 100

74 0.0 17.6 26.4#



#19

Methyl tert-butyl Ether

Concen: 12.299 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN064721.D

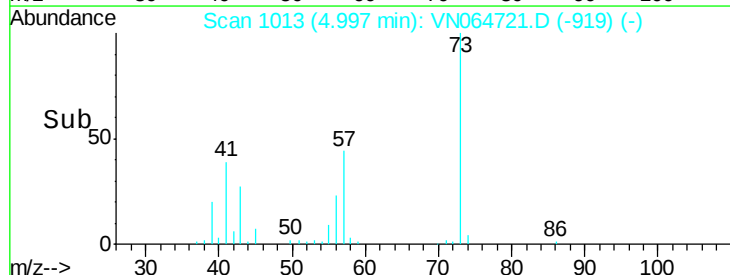
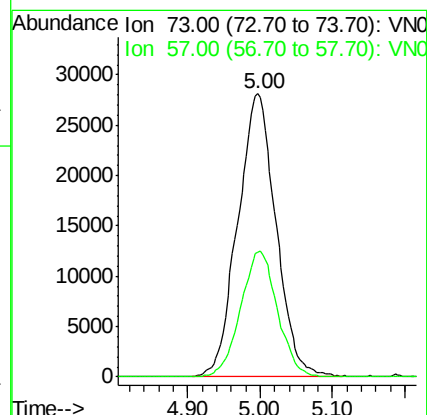
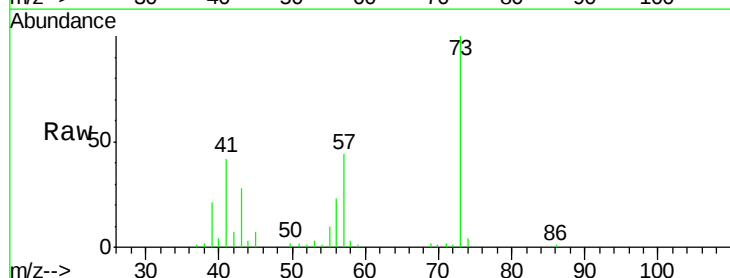
Acq: 18 Nov 2020 21:00

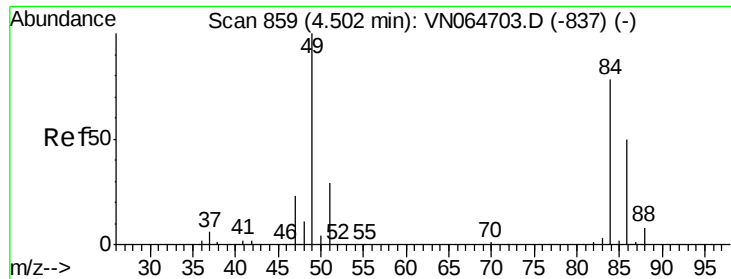
Tgt Ion: 73 Resp: 103055

Ion Ratio Lower Upper

73 100

57 44.2 17.3 25.9#

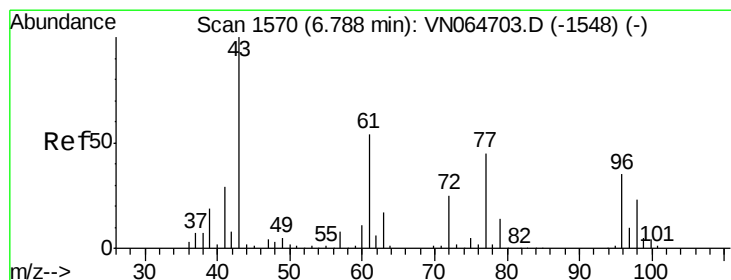
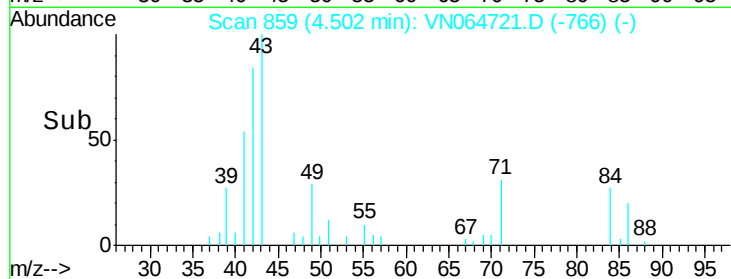
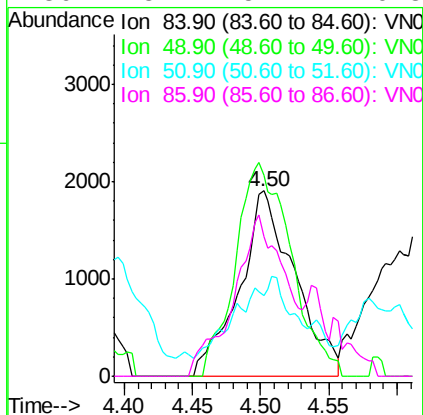
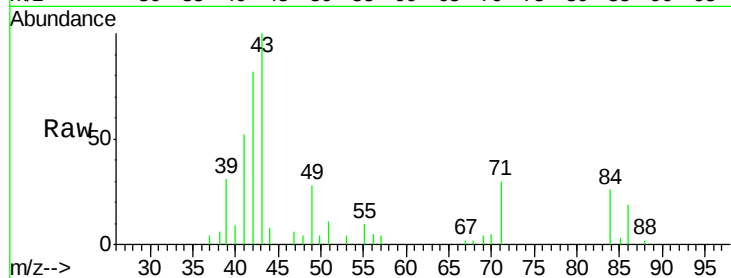




#20
Methvlene Chloride
Concen: 1.764 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

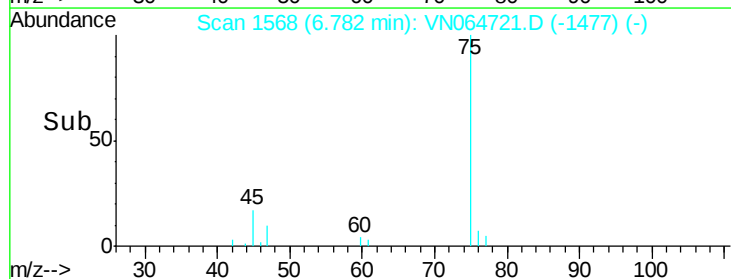
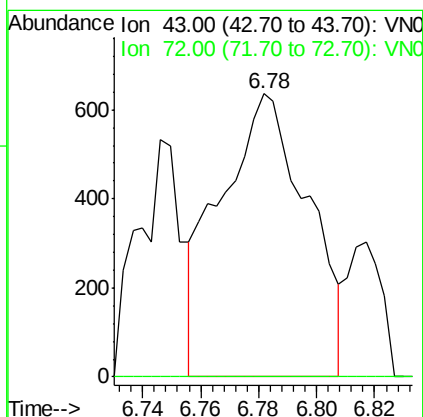
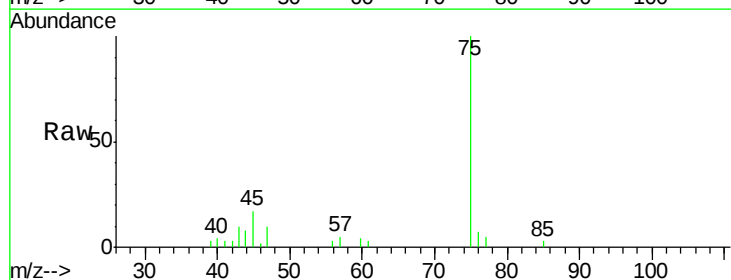
Instrument :
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ClientSampled :
MW-3

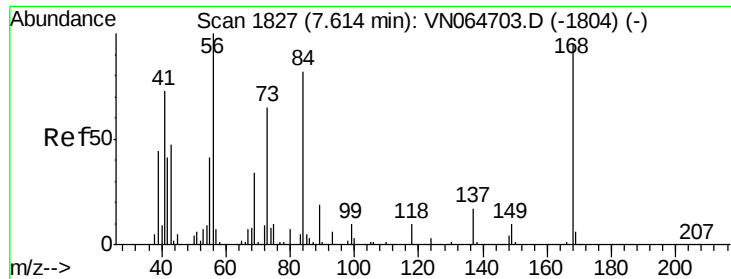
Tot Ion:	84	Resp:	5353
Ion	Ratio	Lower	Upper
84	100		
49	108.7	102.4	153.6
51	31.5	29.4	44.2
86	75.4	51.2	76.8



#25
2-Butanone
Concen: 0.852 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Tgt Ion:	43	Resp:	1334
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.7	29.5#





#31

Cyclohexane

Concen: 6.667 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

MW-3

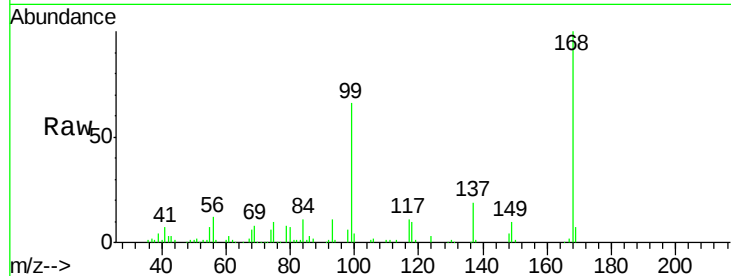
Tot Ion: 56 Resp: 29536

Ion Ratio Lower Upper

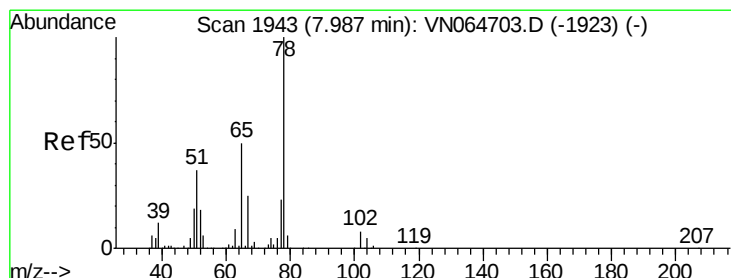
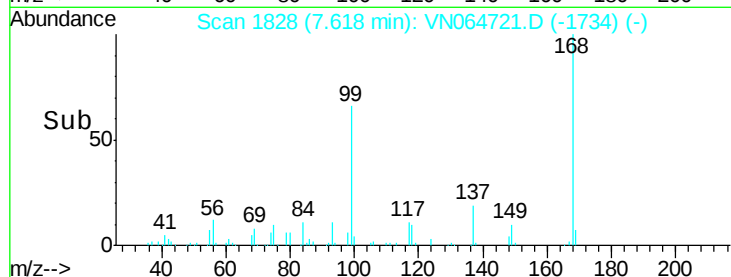
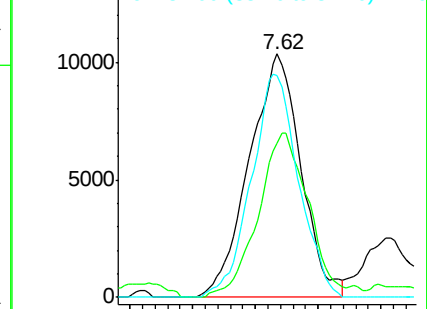
56 100

69 63.5 27.2 40.8#

84 91.0 65.9 98.9



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



#33

1,2-Dichloroethane-d4

Concen: 50.582 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064721.D

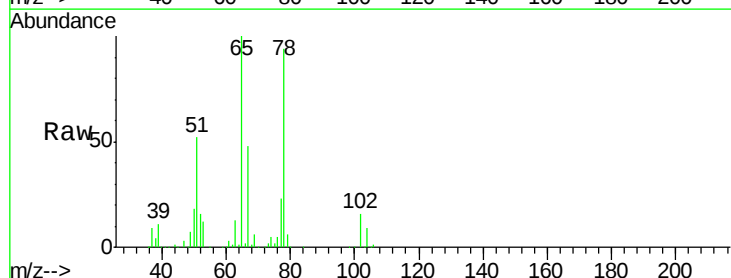
Acq: 18 Nov 2020 21:00

Tgt Ion: 65 Resp: 207264

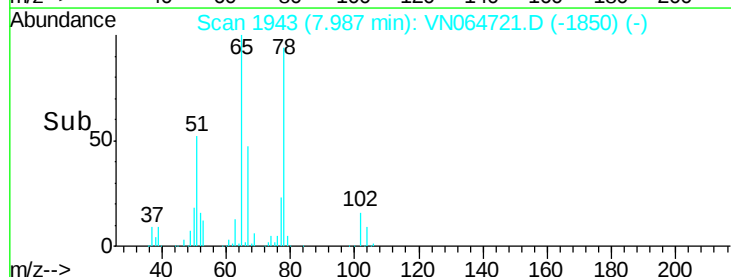
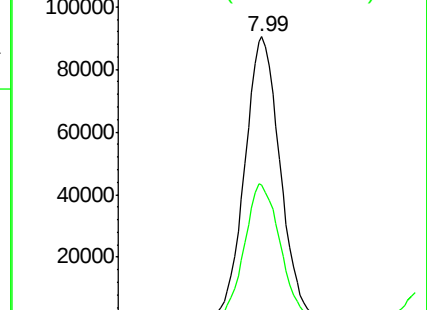
Ion Ratio Lower Upper

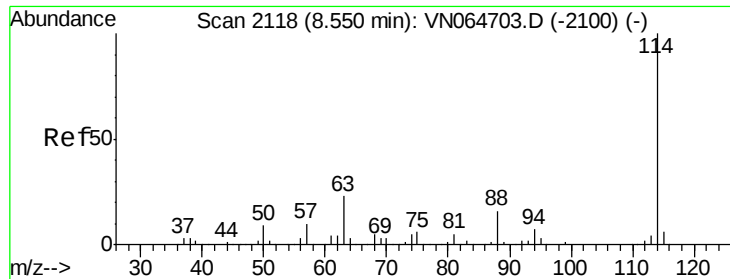
65 100

67 48.4 0.0 99.8



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

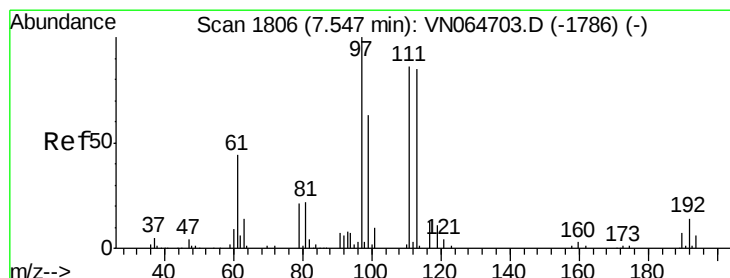
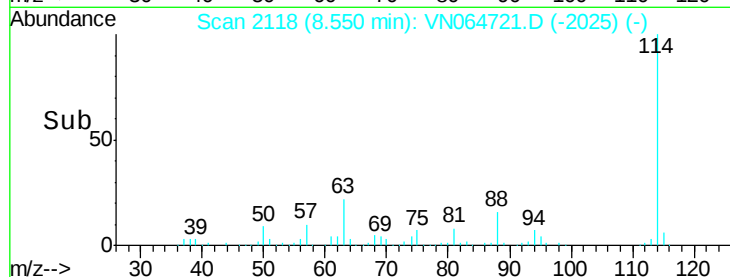
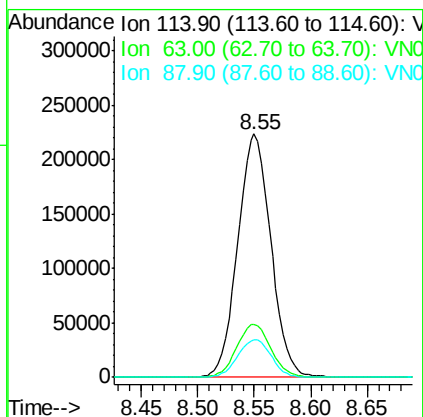
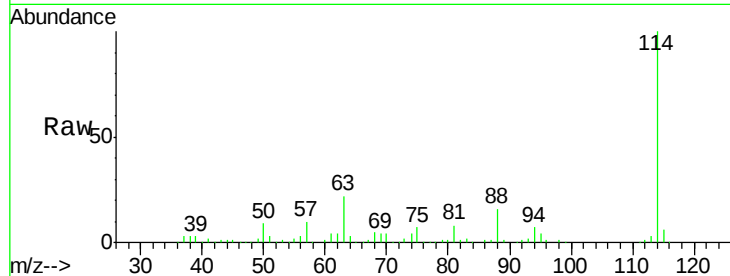




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

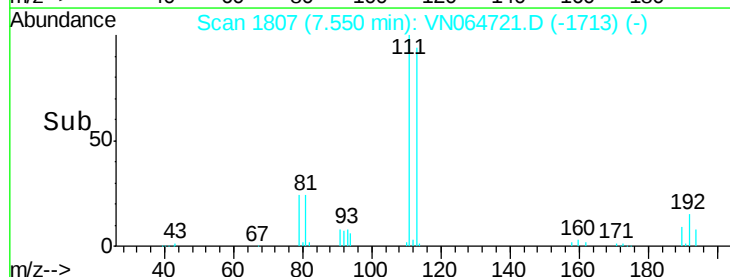
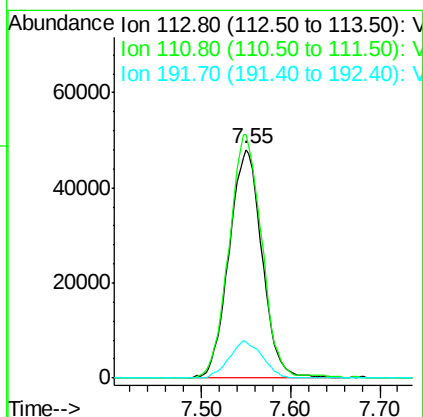
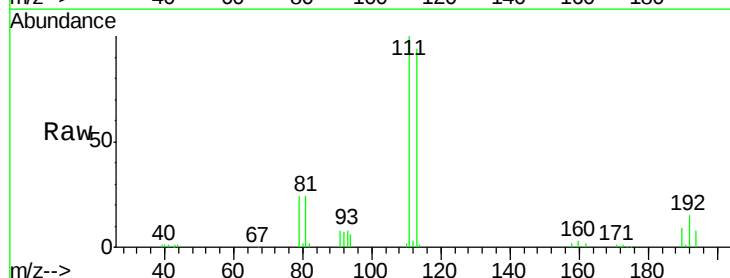
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

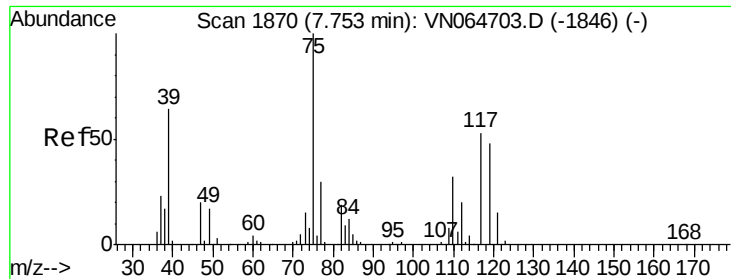
Tot Ion:114 Resp: 455955
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 46.0
 88 15.6 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.425 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

Tgt Ion:113 Resp: 123076
 Ion Ratio Lower Upper
 113 100
 111 105.3 82.2 123.4
 192 16.3 12.7 19.1

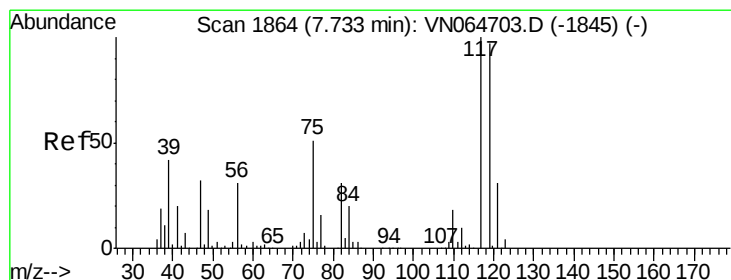
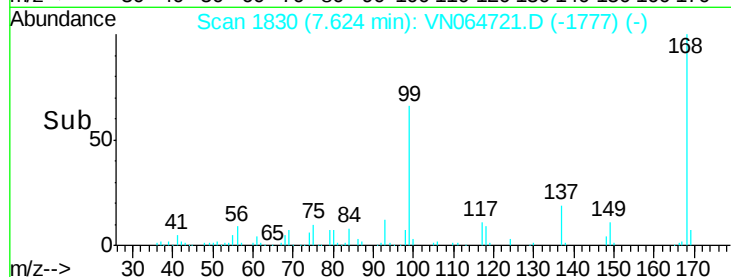
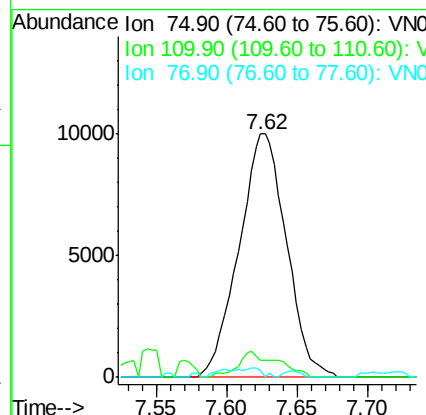
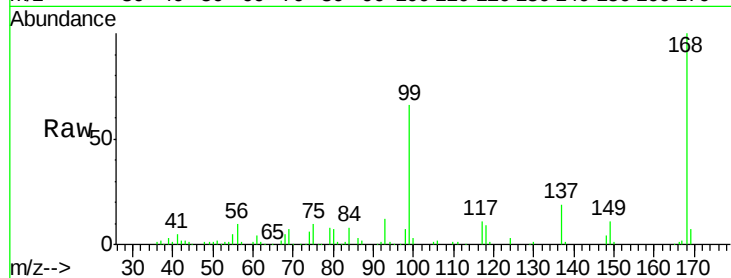




#36
 1,1-Dichloropropene
 Concen: 4.991 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

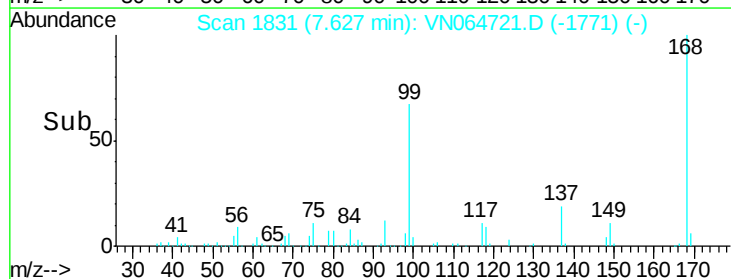
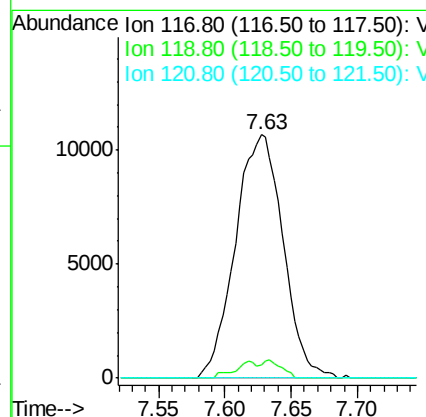
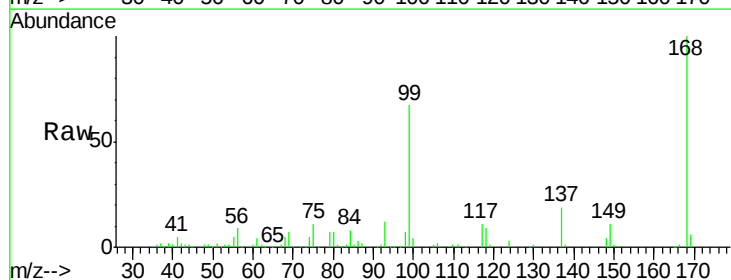
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

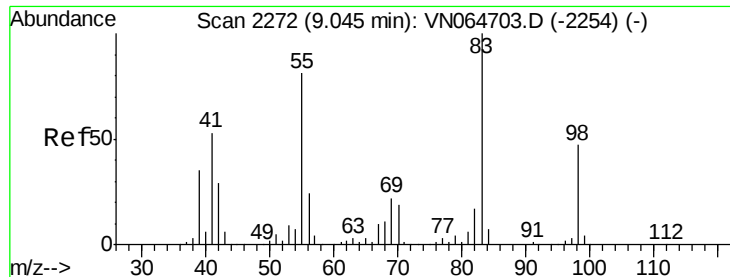
Tot Ion: 75 Resp: 23411
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.2 48.6#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.356 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

Tgt Ion: 117 Resp: 26699
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.8 116.6#
 121 0.0 24.9 37.3#

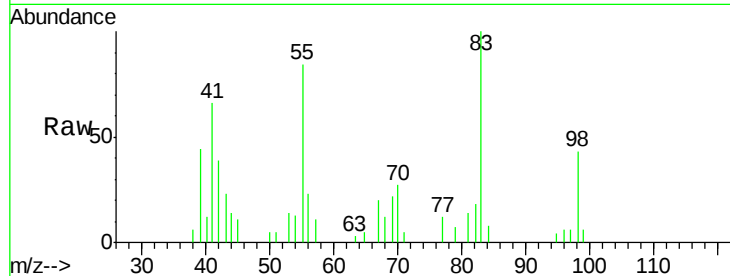




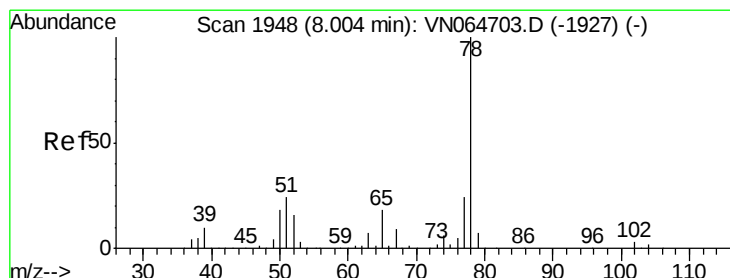
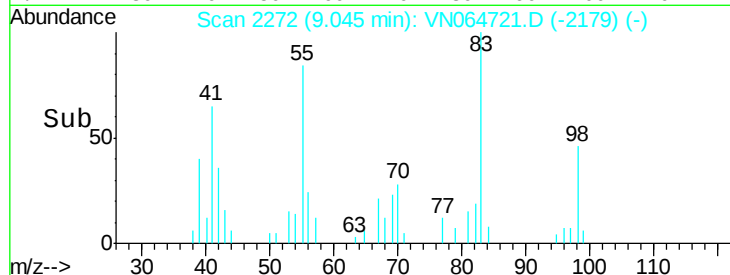
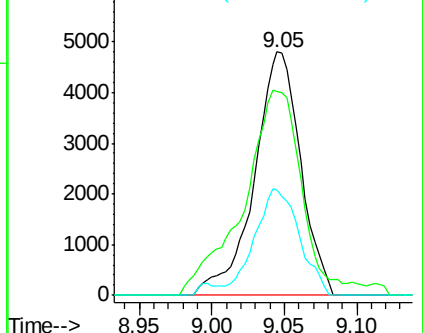
#39
Methvlcvclohexane
Concen: 2.556 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion: 83 Resp: 10624
Ion Ratio Lower Upper
83 100
55 77.9 64.6 97.0
98 43.5 37.7 56.5

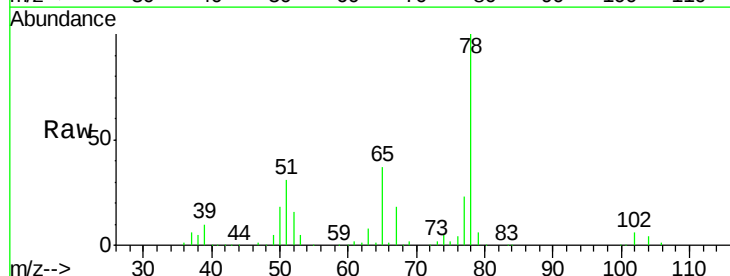


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

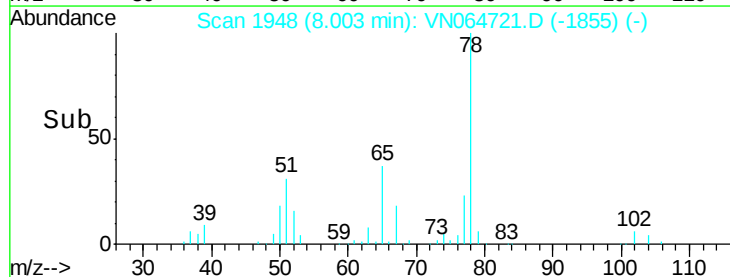
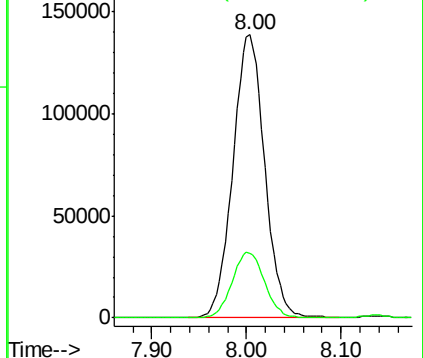


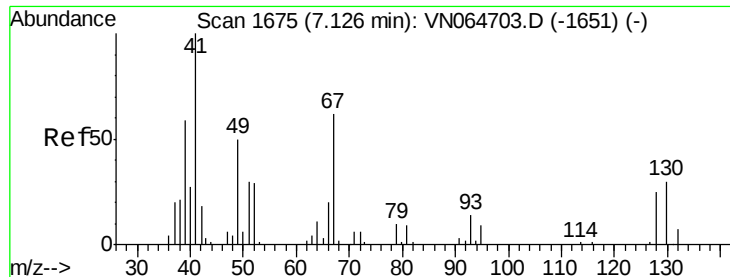
#40
Benzene
Concen: 24.798 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Tgt Ion: 78 Resp: 324114
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 0.610 ug/l

RT: 7.27 min Scan# 1720

Delta R.T. 0.14 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion: 41 Resp: 1099

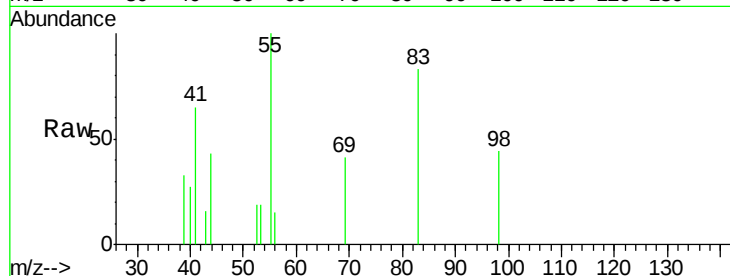
Ion Ratio Lower Upper

41 100

39 0.0 46.0 69.0#

67 0.0 67.0 100.4#

52 0.0 31.7 47.5#

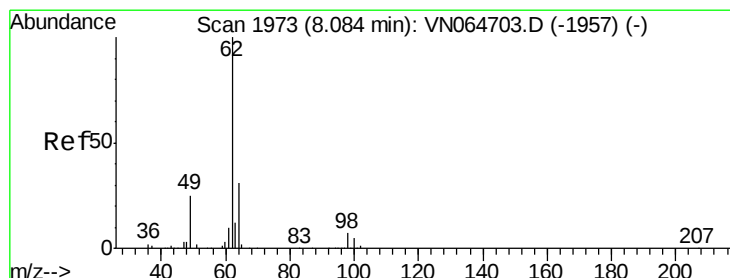
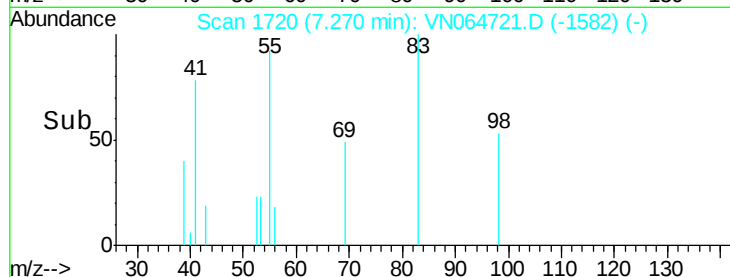
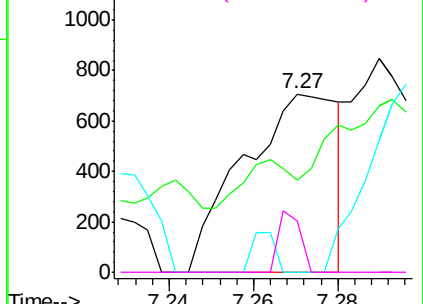


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 0.648 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.08 min

Lab File: VN064721.D

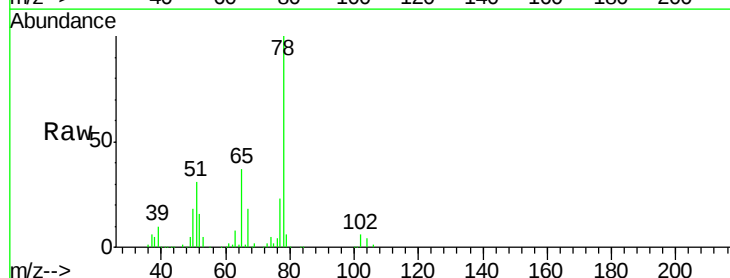
Acq: 18 Nov 2020 21:00

Tgt Ion: 62 Resp: 3643

Ion Ratio Lower Upper

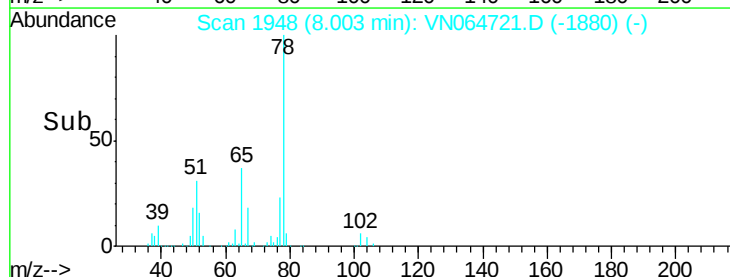
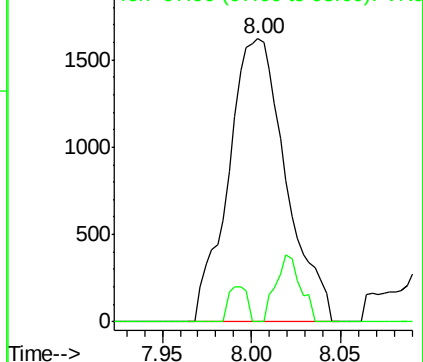
62 100

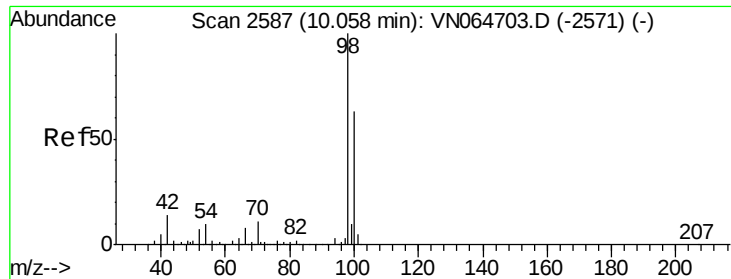
98 4.0 0.0 13.6



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC

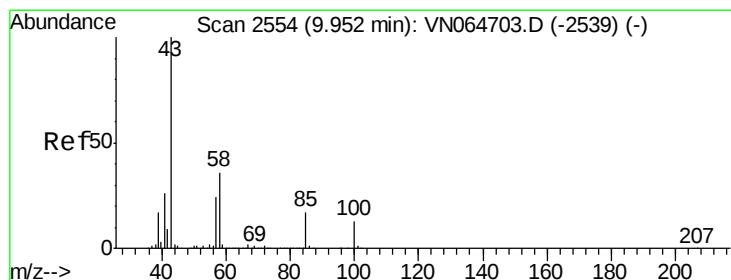
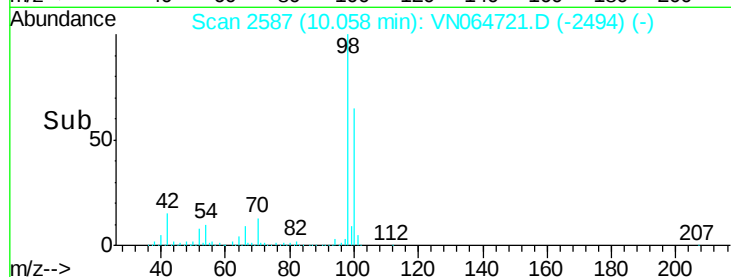
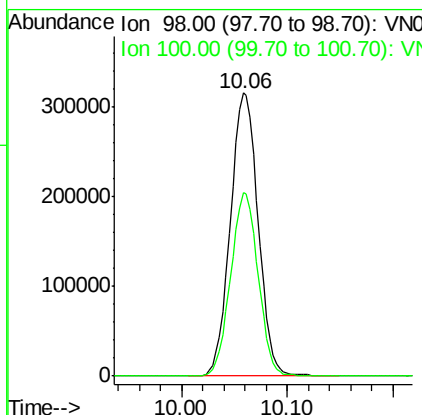
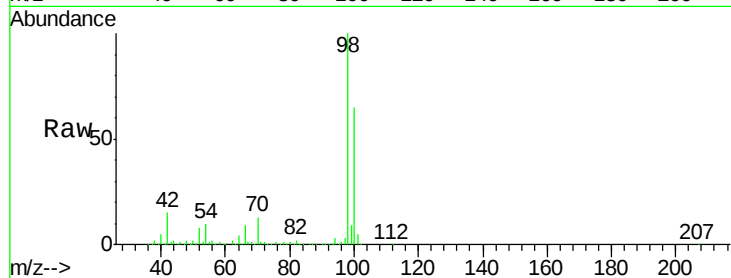




#50
Toluene-d8
Concen: 48.786 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

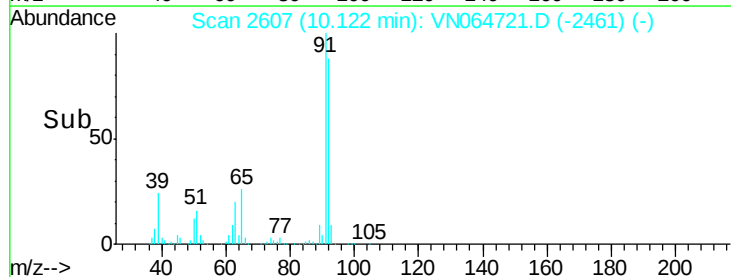
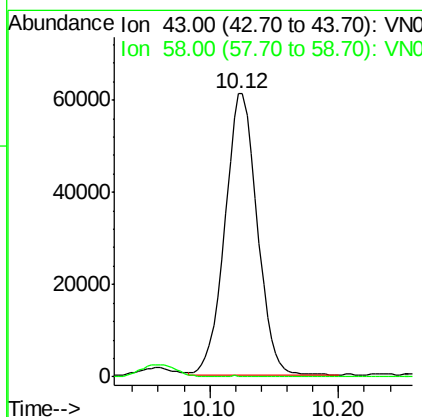
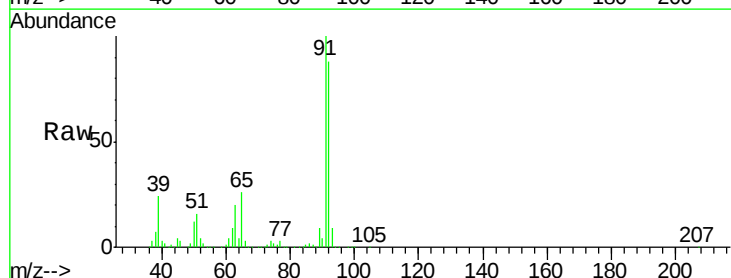
Instrument :
MSVOA_N
ClientSampled :
MW-3

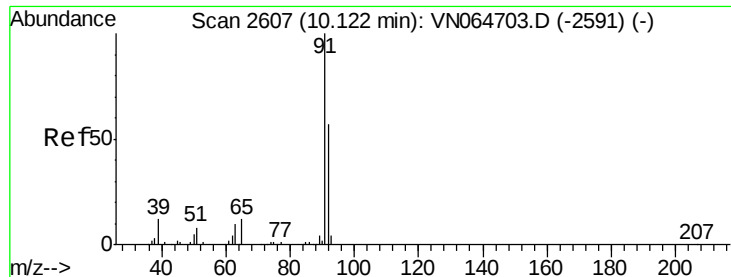
Tot Ion: 98 Resp: 575416
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 28.563 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. 0.17 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Tgt Ion: 43 Resp: 105693
Ion Ratio Lower Upper
43 100
58 0.0 28.5 42.7#





#52

Toluene

Concen: 936.247 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

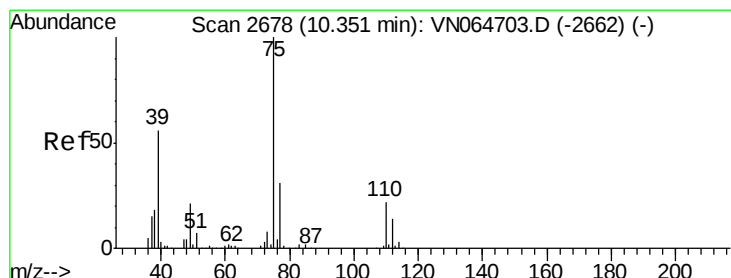
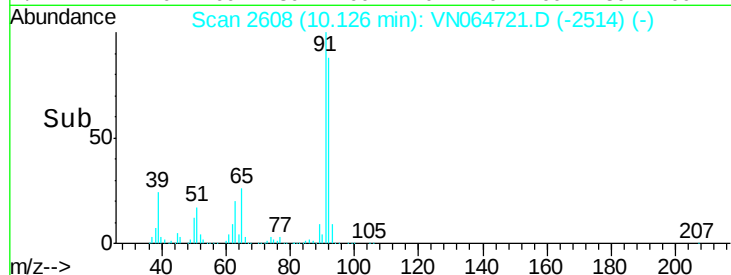
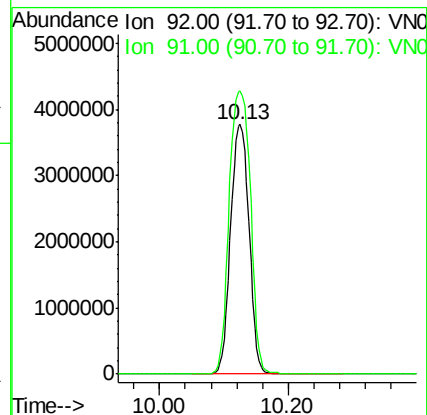
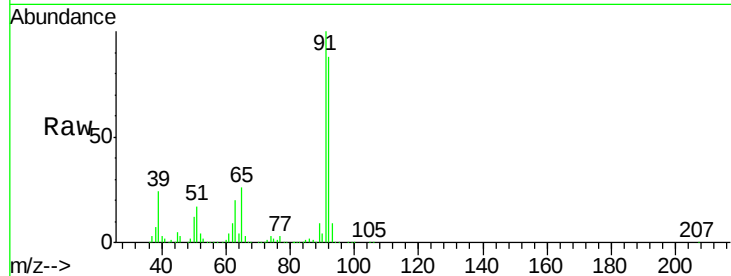
MW-3

Tot Ion: 92 Resp: 7536745

Ion Ratio Lower Upper

92 100

91 131.2 141.2 211.8#



#53

t-1,3-Dichloropropene

Concen: 21.591 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.23 min

Lab File: VN064721.D

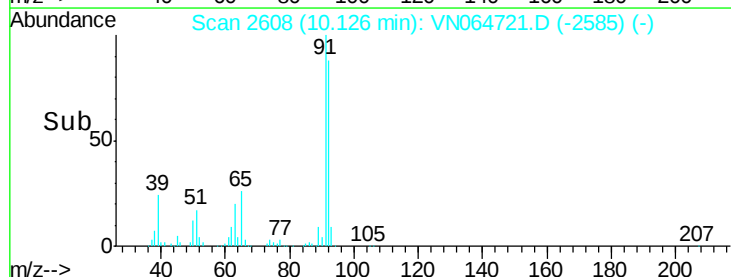
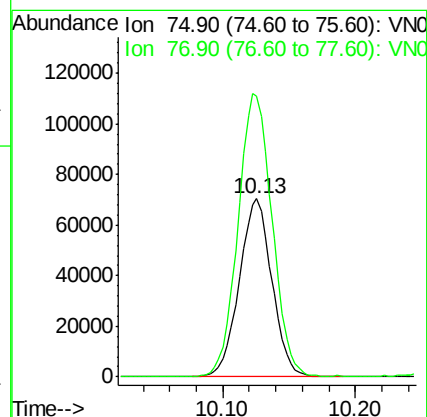
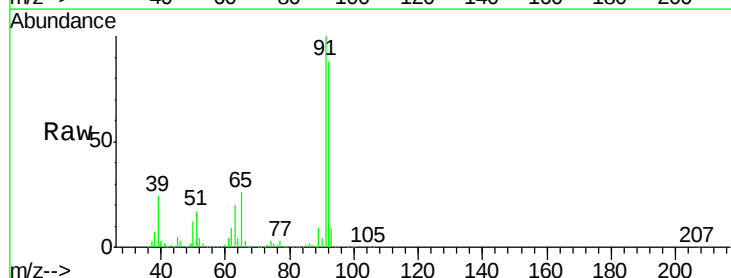
Acq: 18 Nov 2020 21:00

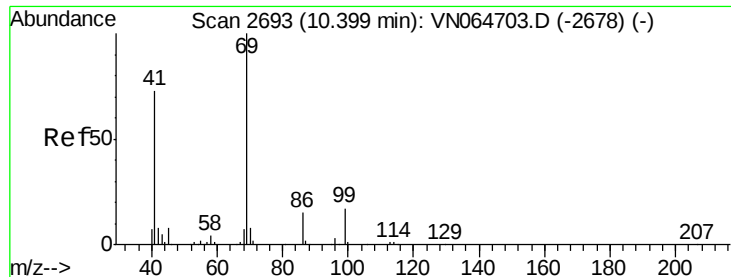
Tgt Ion: 75 Resp: 119970

Ion Ratio Lower Upper

75 100

77 157.6 25.4 38.0#





#56

Ethyl methacrylate

Concen: 2.722 ug/l

RT: 10.37 min Scan# 2685

Delta R.T. -0.02 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

MW-3

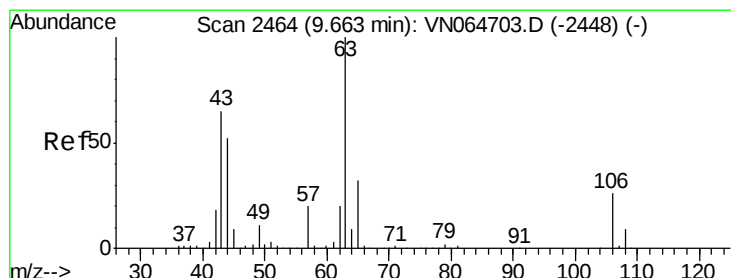
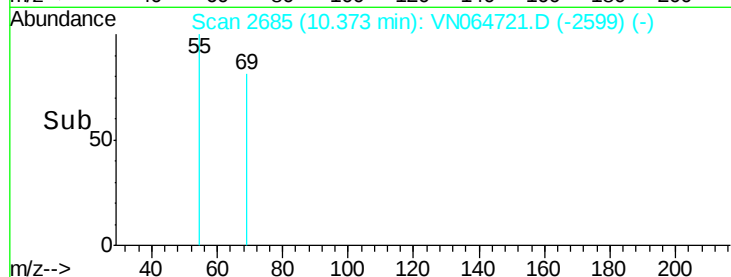
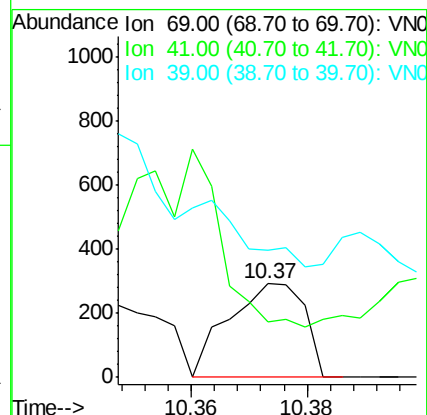
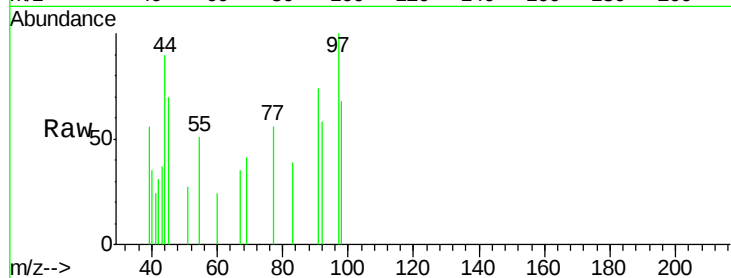
Tot Ion: 69 Resp: 264

Ion Ratio Lower Upper

69 100

41 0.0 59.0 88.4#

39 0.0 38.4 57.6#



#58

2-Chloroethyl Vinyl ether

Concen: 13.305 ug/l

RT: 9.63 min Scan# 2454

Delta R.T. -0.03 min

Lab File: VN064721.D

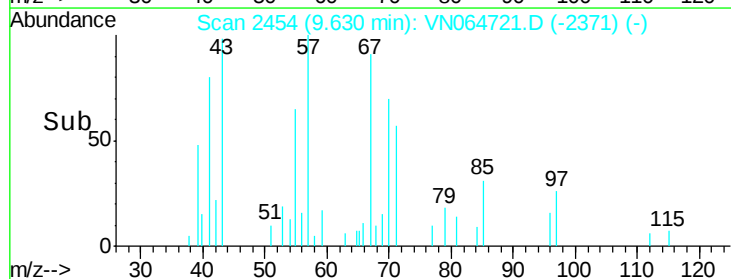
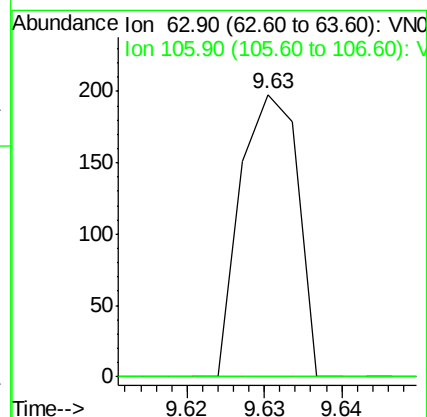
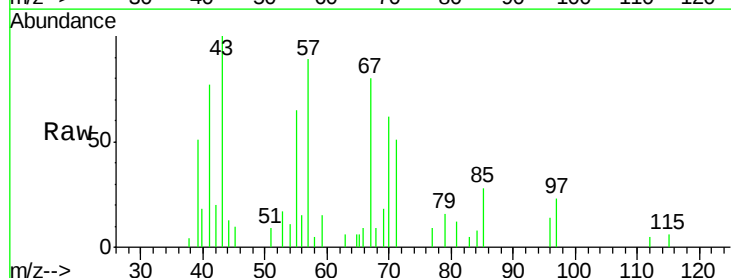
Acq: 18 Nov 2020 21:00

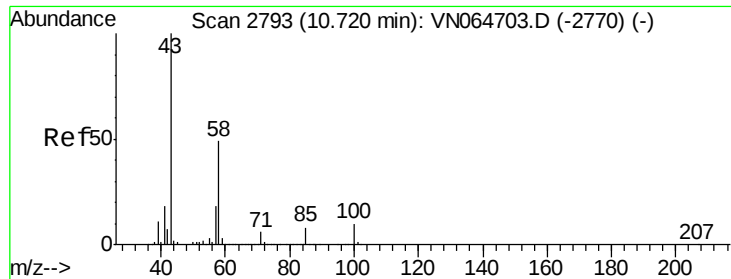
Tgt Ion: 63 Resp: 102

Ion Ratio Lower Upper

63 100

106 0.0 20.9 31.3#

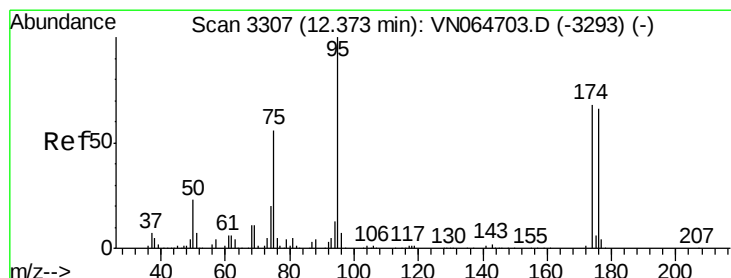
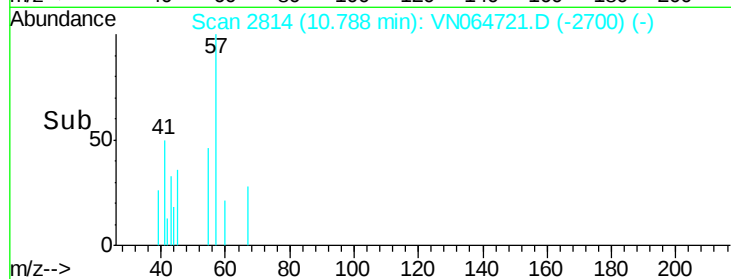
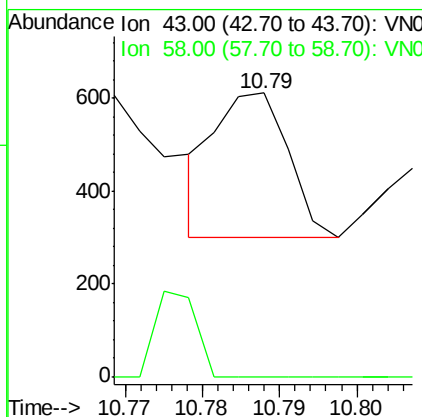
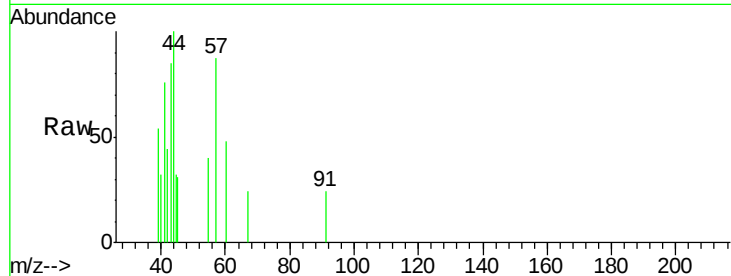




#59
2-Hexanone
Concen: 8.498 ug/l
RT: 10.79 min Scan# 2814
Delta R.T. 0.07 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

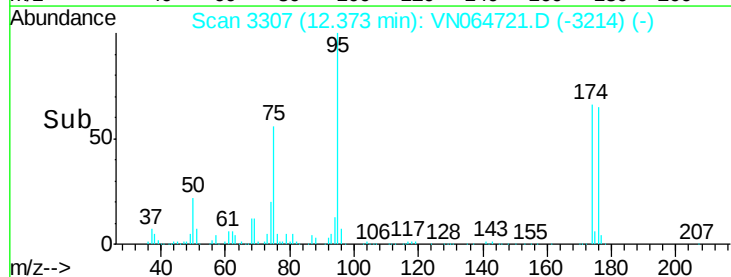
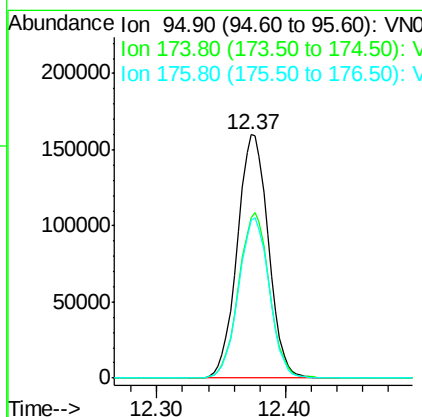
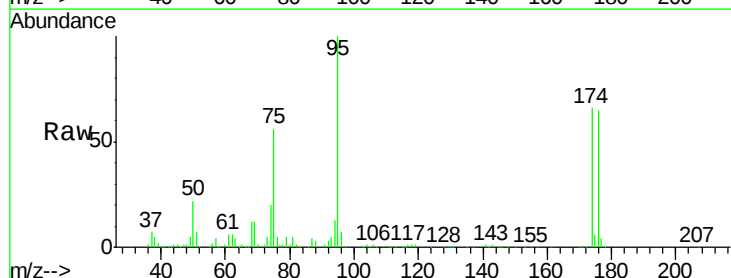
Instrument :
MSVOA_N
ClientSampled :
MW-3

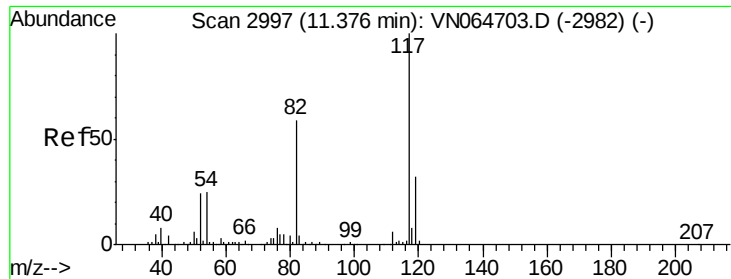
Tot Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
58 33.0 24.4 73.4



#62
4-Bromofluorobenzene
Concen: 60.878 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Tgt Ion: 95 Resp: 268386
Ion Ratio Lower Upper
95 100
174 67.2 0.0 136.8
176 65.1 0.0 134.2

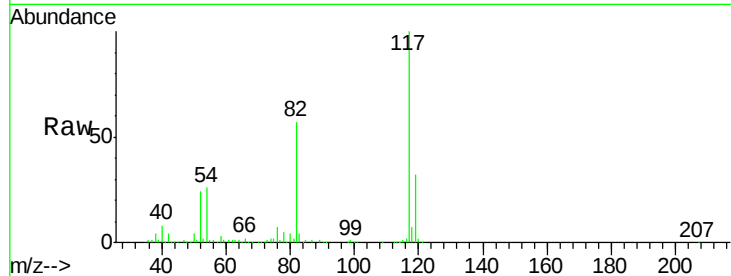




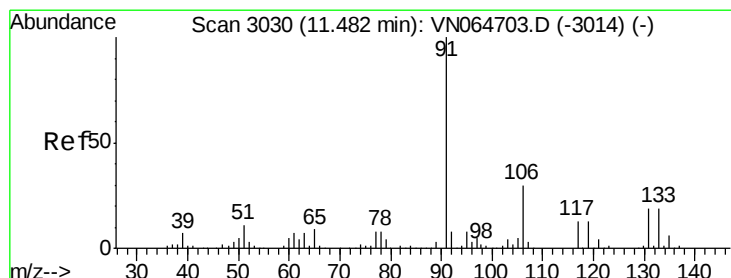
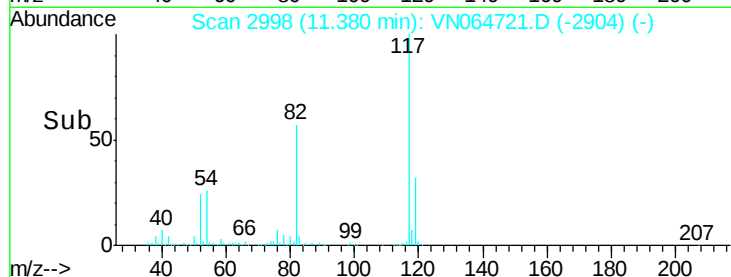
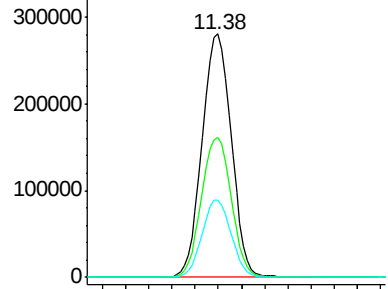
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion:117 Resp: 488525
Ion Ratio Lower Upper
117 100
82 57.5 47.0 70.6
119 31.9 25.4 38.2

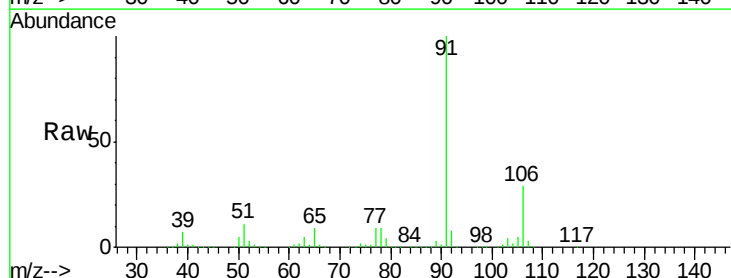


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

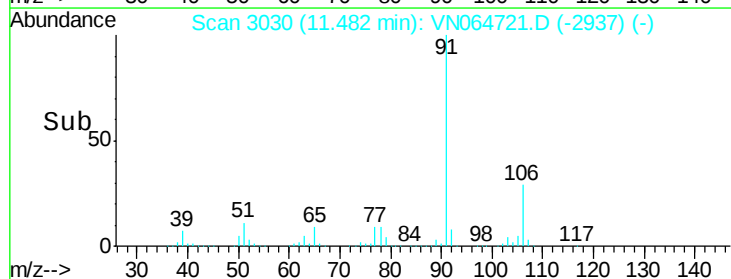
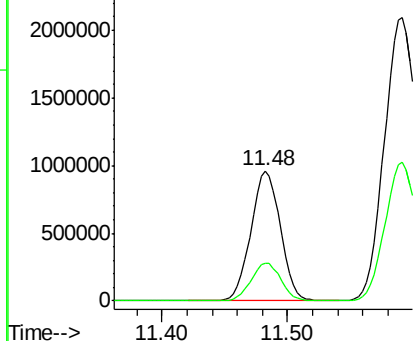


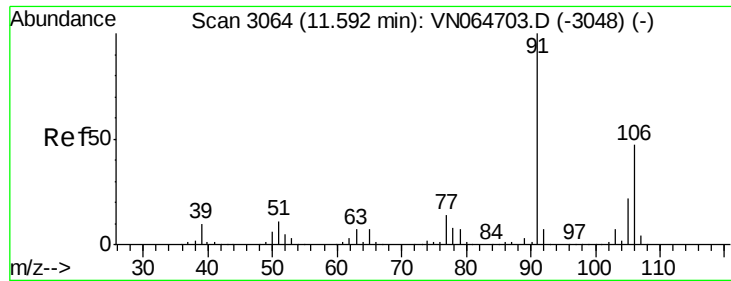
#67
Ethyl Benzene
Concen: 85.808 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Tgt Ion: 91 Resp: 1572218
Ion Ratio Lower Upper
91 100
106 29.3 23.9 35.9



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

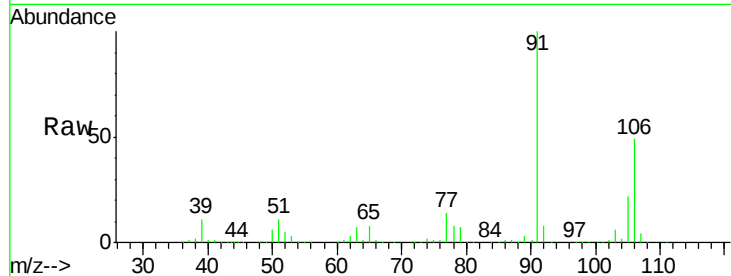




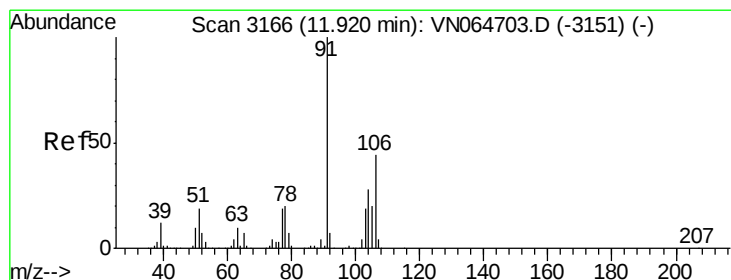
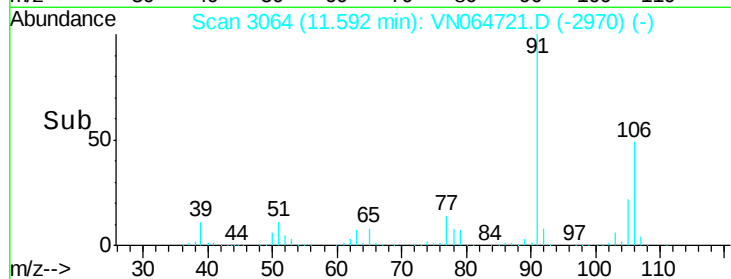
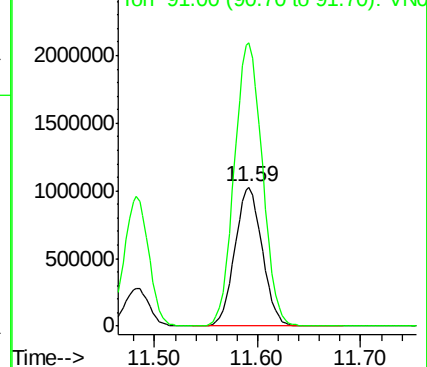
#68
m/p-Xylenes
Concen: 247.914 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion:106 Resp: 1891114
Ion Ratio Lower Upper
106 100
91 209.5 171.9 257.9

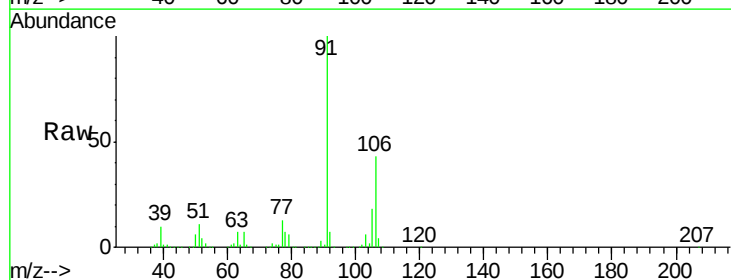


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

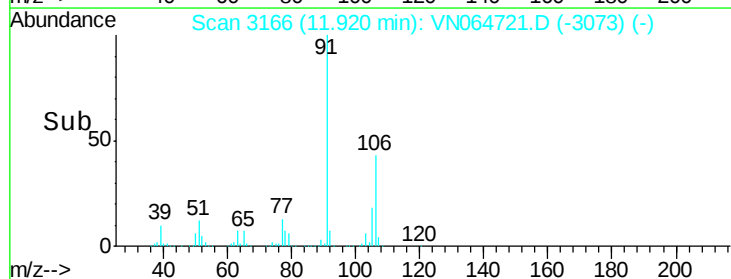
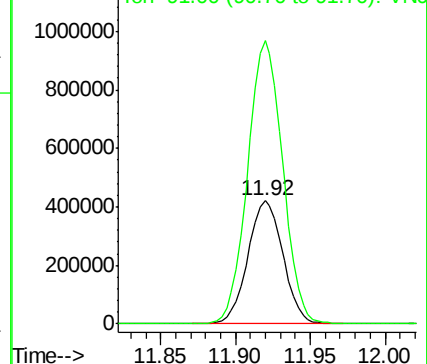


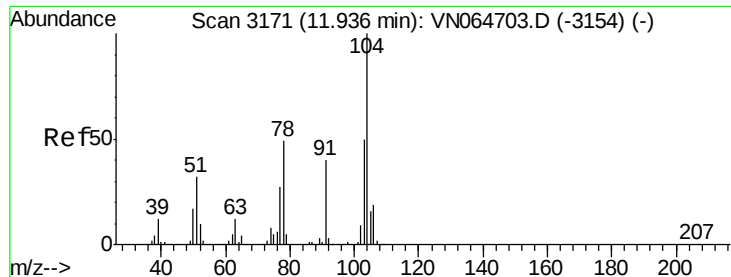
#69
o-Xylene
Concen: 107.438 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Tgt Ion:106 Resp: 686774
Ion Ratio Lower Upper
106 100
91 230.1 112.1 336.3



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

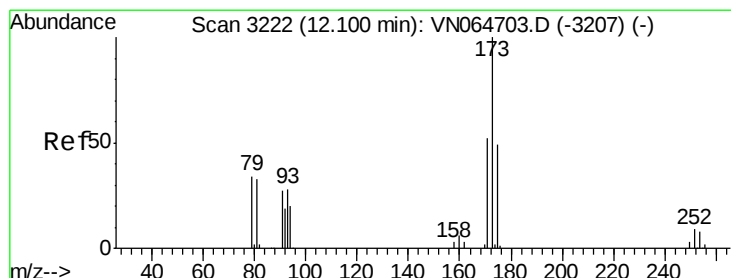
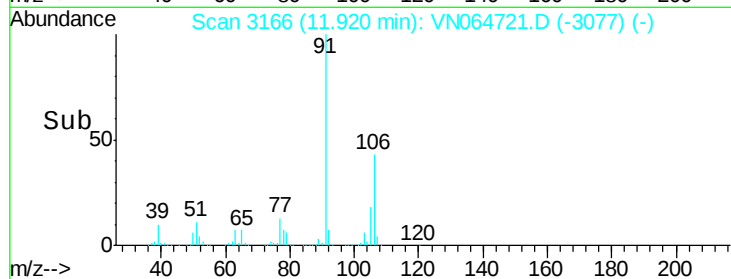
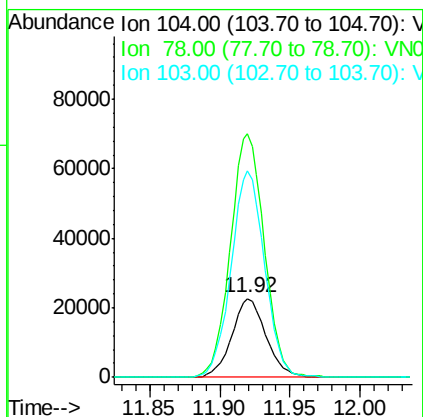
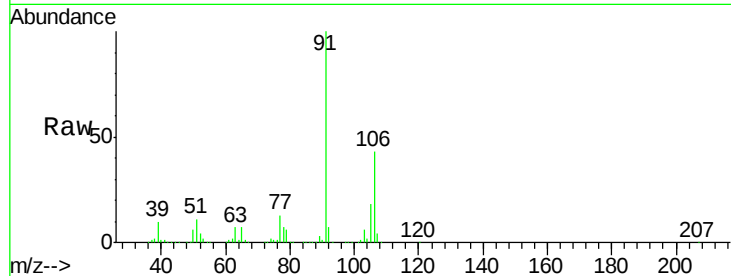




#70
Stvrene
Concen: 5.490 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

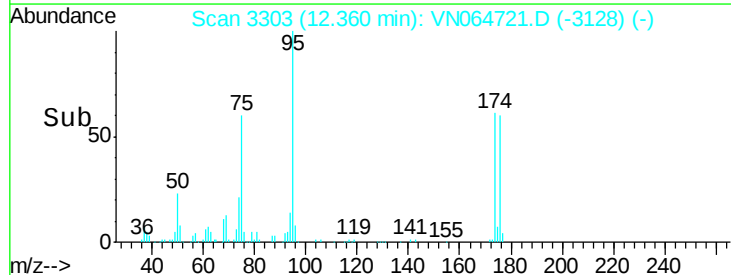
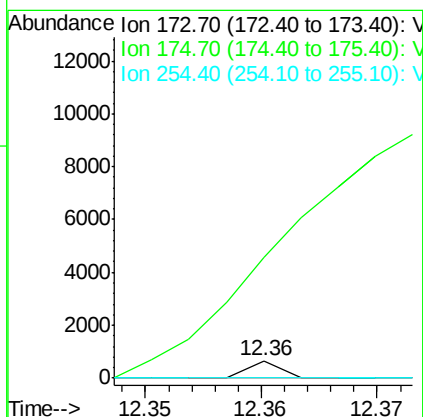
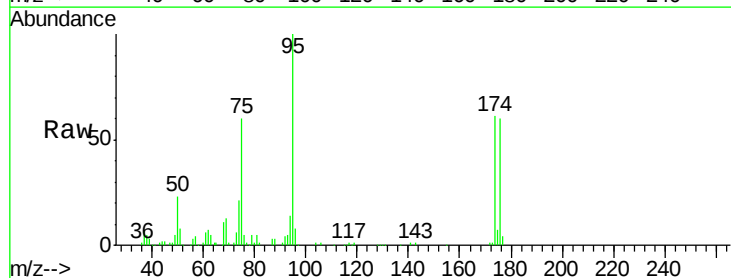
Instrument :
MSVOA_N
ClientSampleId :
MW-3

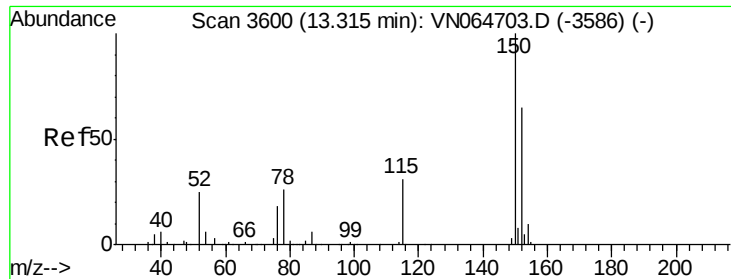
Tot Ion:104 Resp: 38781
Ion Ratio Lower Upper
104 100
78 302.8 44.1 66.1#
103 254.4 43.7 65.5#



#71
Bromoform
Concen: 2.487 ug/l
RT: 12.36 min Scan# 3303
Delta R.T. 0.26 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Tgt Ion:173 Resp: 129
Ion Ratio Lower Upper
173 100
175 10469.8 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

MW-3

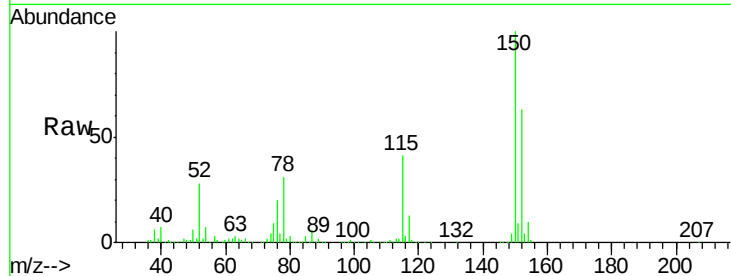
Tot Ion:152 Resp: 234851

Ion Ratio Lower Upper

152 100

115 70.2 32.1 96.3

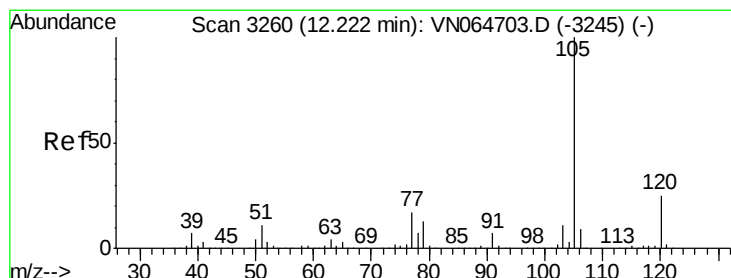
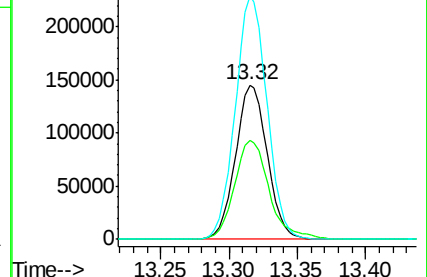
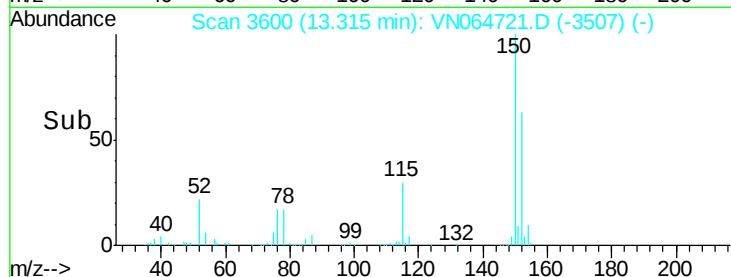
150 157.5 0.0 344.8



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: 12.643 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064721.D

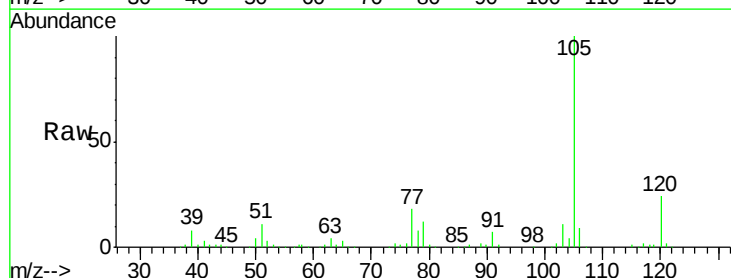
Acq: 18 Nov 2020 21:00

Tgt Ion:105 Resp: 210818

Ion Ratio Lower Upper

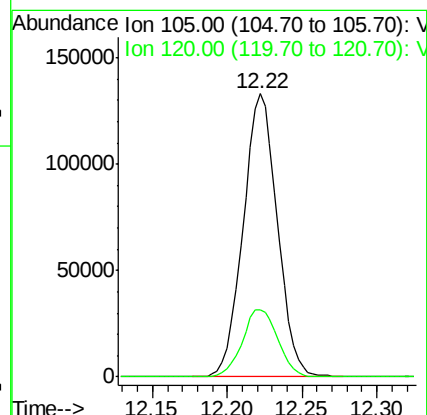
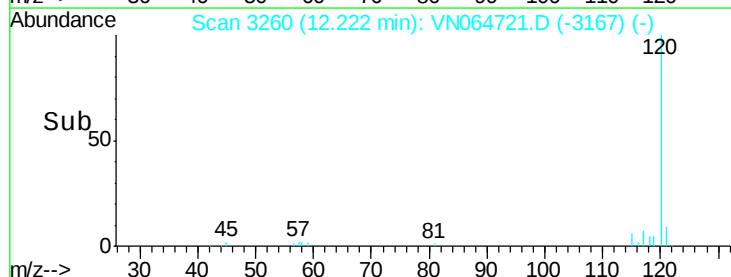
105 100

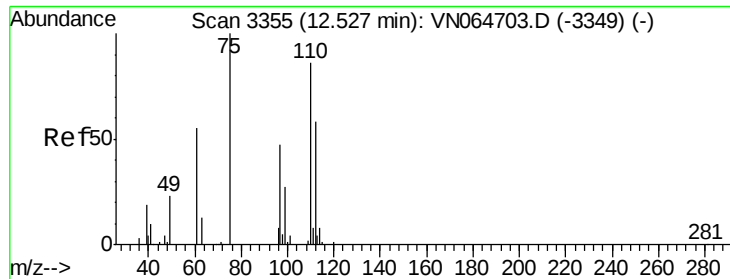
120 24.9 12.8 38.3



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: 1.160 ug/l

RT: 12.63 min Scan# 3386

Delta R.T. 0.10 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampled :

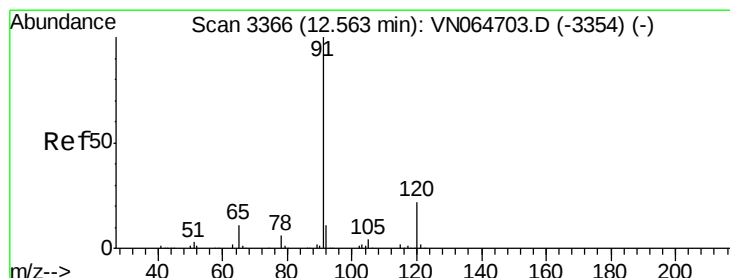
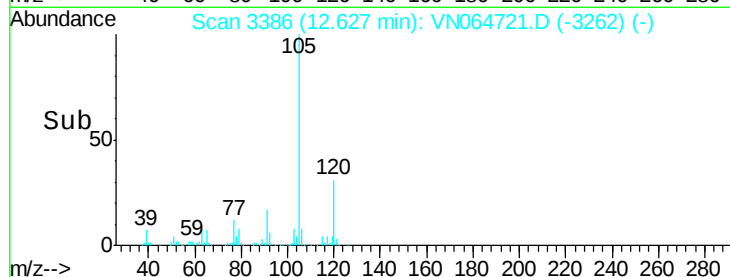
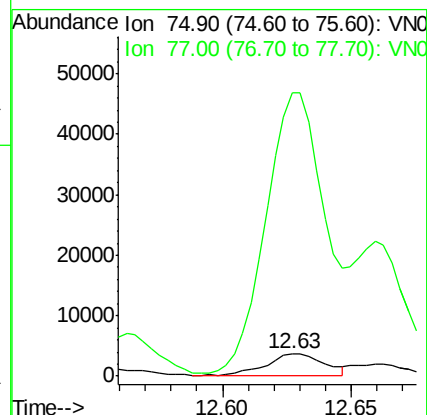
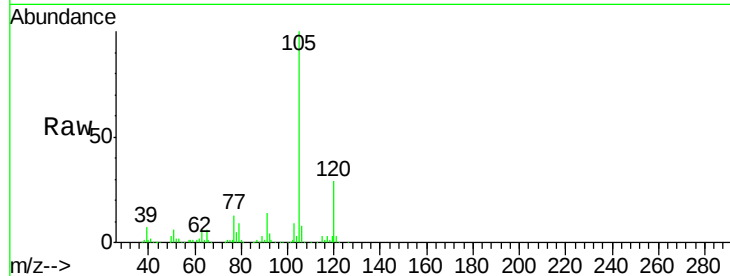
MW-3

Tot Ion: 75 Resp: 5872

Ion Ratio Lower Upper

75 100

77 1246.9 0.0 0.0#



#78

n-propylbenzene

Concen: 12.442 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064721.D

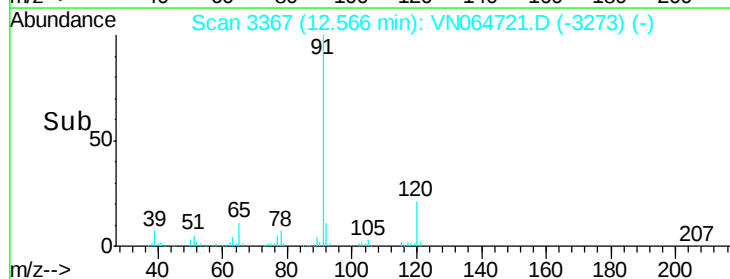
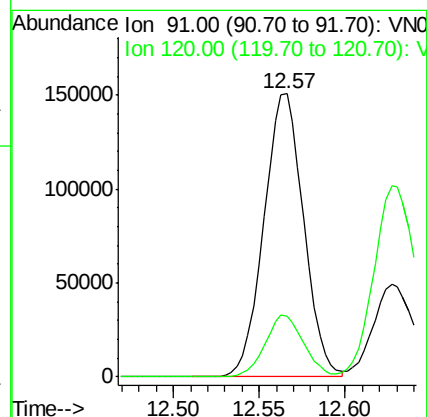
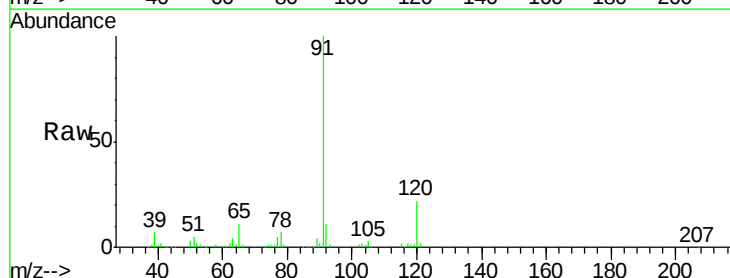
Acq: 18 Nov 2020 21:00

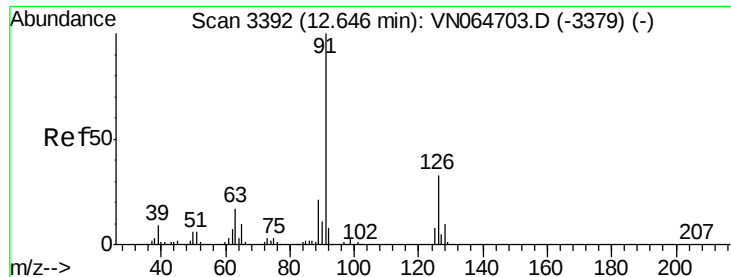
Tgt Ion: 91 Resp: 241601

Ion Ratio Lower Upper

91 100

120 21.2 10.9 32.9

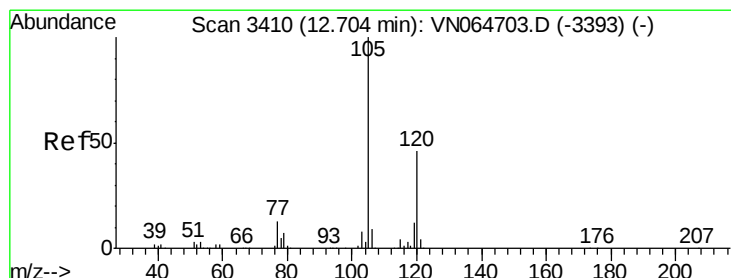
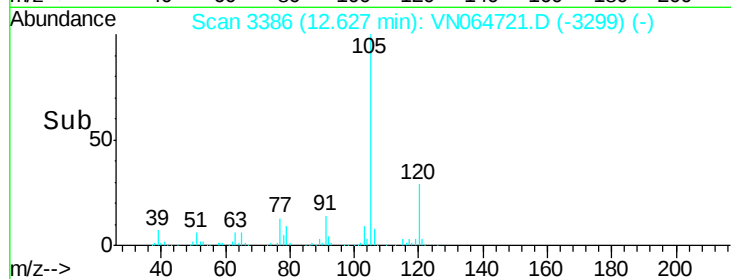
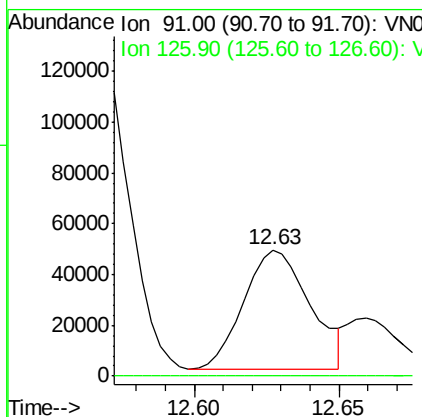
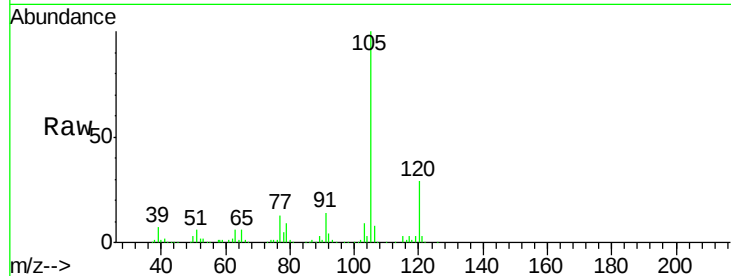




#79
 2-Chlorotoluene
 Concen: 5.996 ug/l
 RT: 12.63 min Scan# 3386
 Delta R.T. -0.02 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

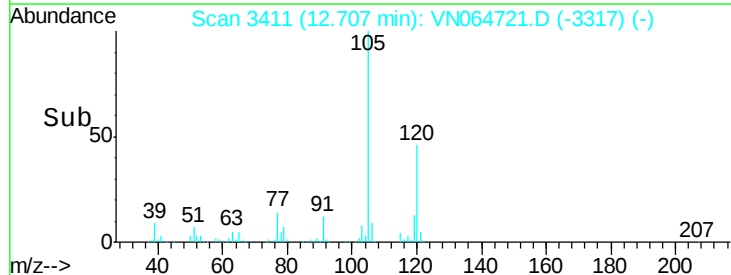
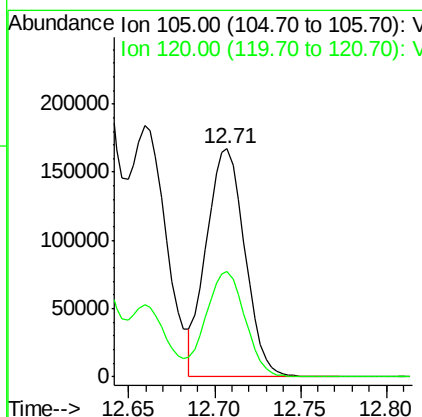
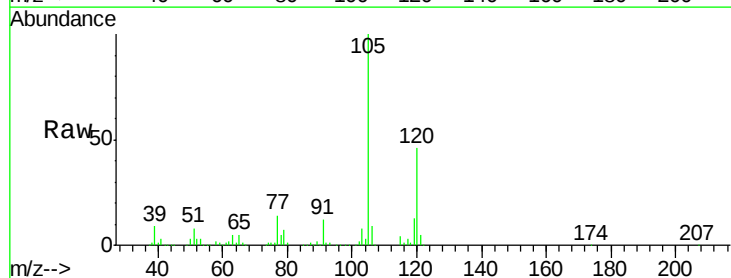
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

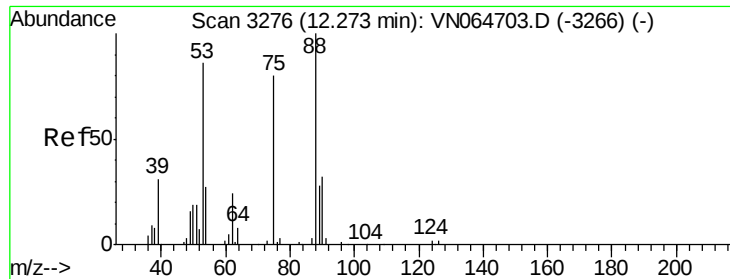
Tot Ion: 91 Resp: 74522
 Ion Ratio Lower Upper
 91 100
 126 0.1 16.0 48.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 18.828 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

Tgt Ion: 105 Resp: 260793
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 75.754 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064721.D

Acq: 18 Nov 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

MW-3

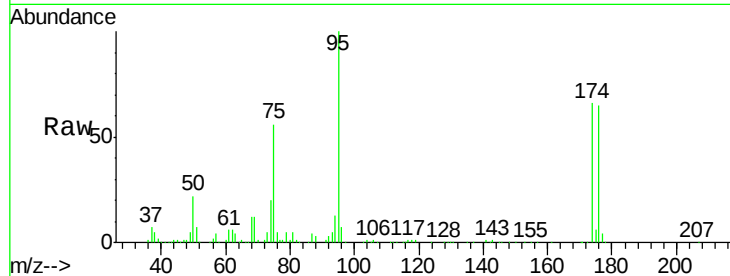
Tot Ion: 75 Resp: 150345

Ion Ratio Lower Upper

75 100

53 0.0 88.8 133.2#

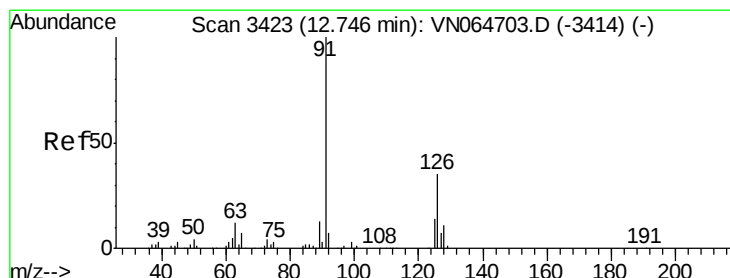
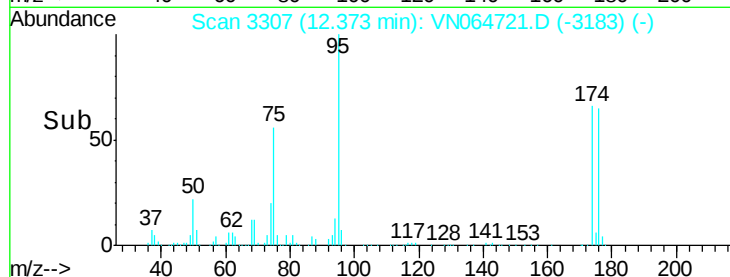
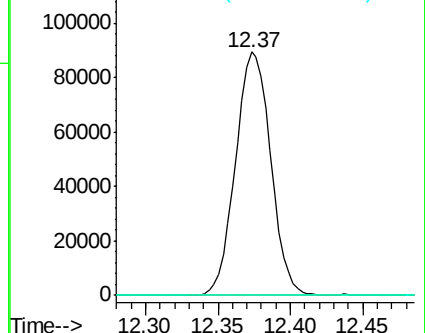
89 0.0 43.1 64.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 2.238 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.04 min

Lab File: VN064721.D

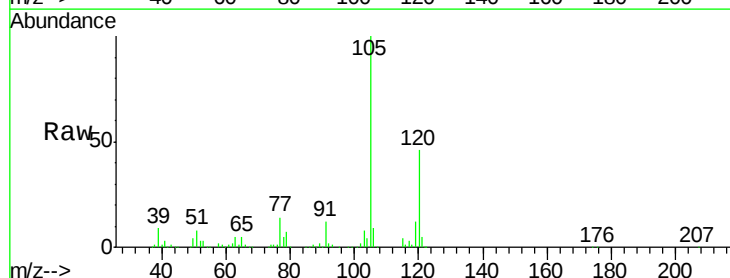
Acq: 18 Nov 2020 21:00

Tgt Ion: 91 Resp: 29662

Ion Ratio Lower Upper

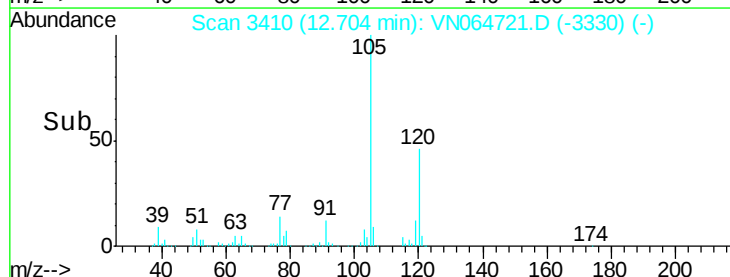
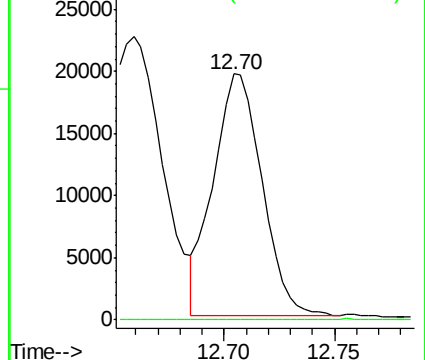
91 100

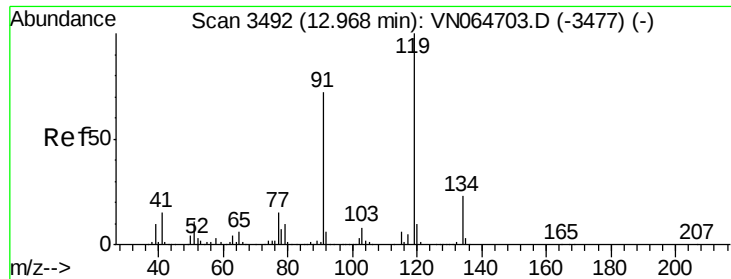
126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

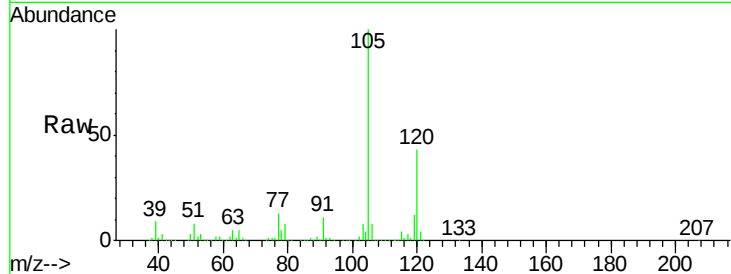




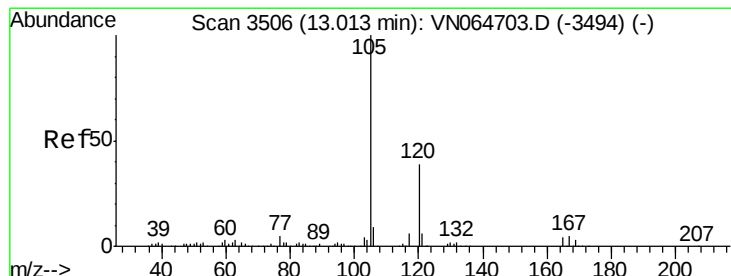
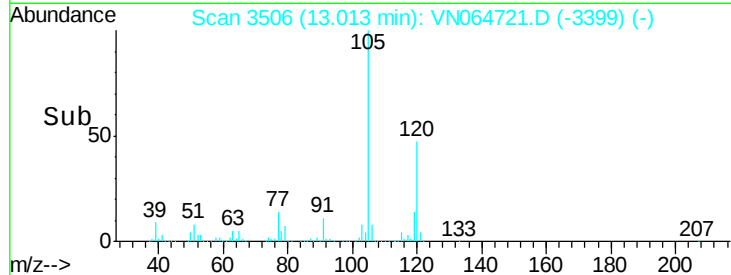
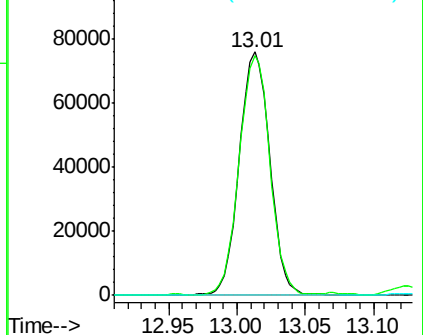
#83
 tert-Butylbenzene
 Concen: 11.075 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.04 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

Tot Ion:119 Resp: 118677
 Ion Ratio Lower Upper
 119 100
 91 98.1 35.8 107.4
 134 0.0 12.0 36.1#

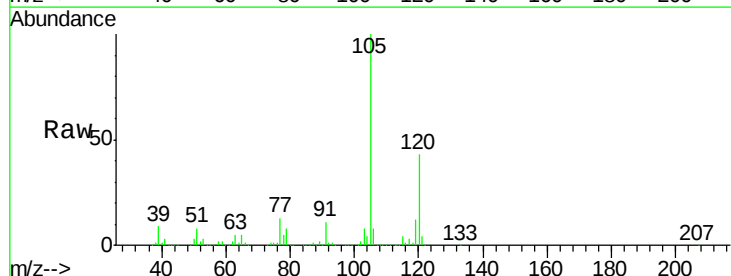


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

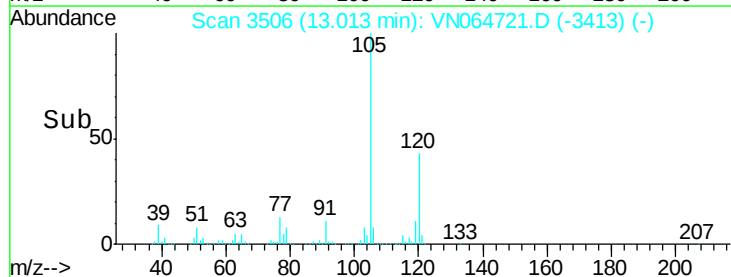
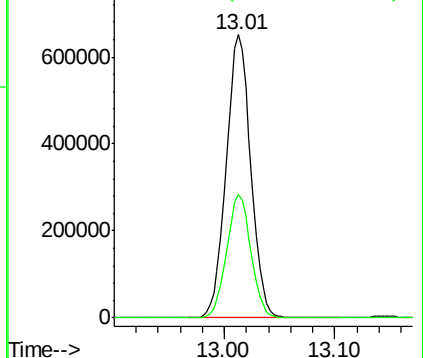


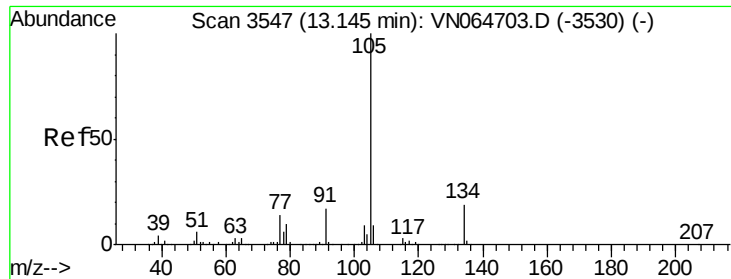
#84
 1,2,4-Trimethylbenzene
 Concen: 71.011 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

Tgt Ion:105 Resp: 1003865
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

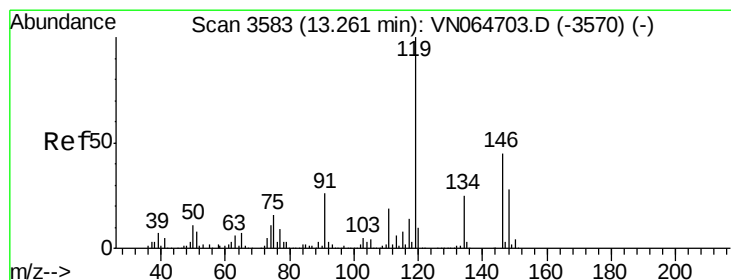
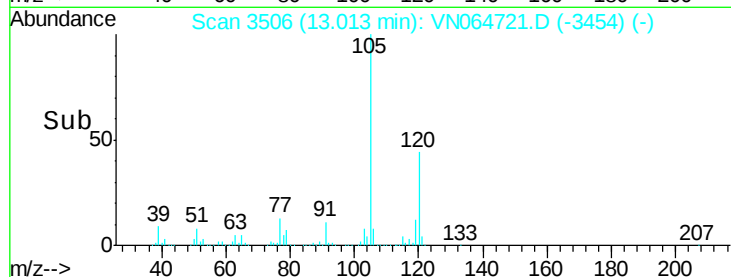
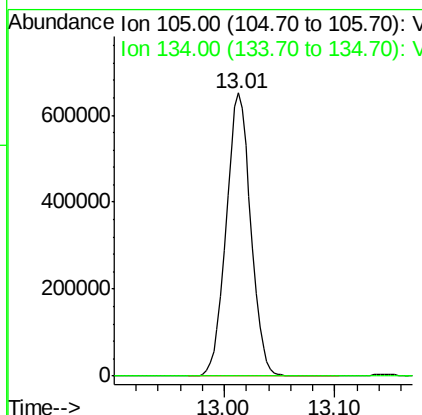
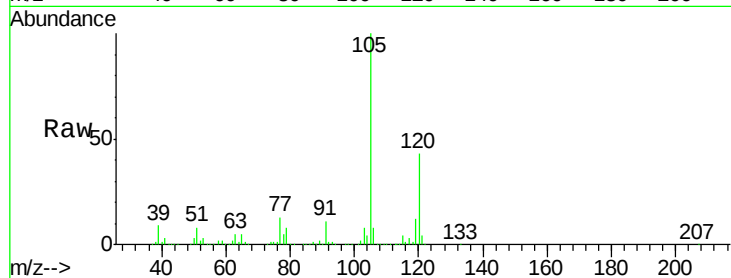




#85
 sec-Butylbenzene
 Concen: 70.285 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.13 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

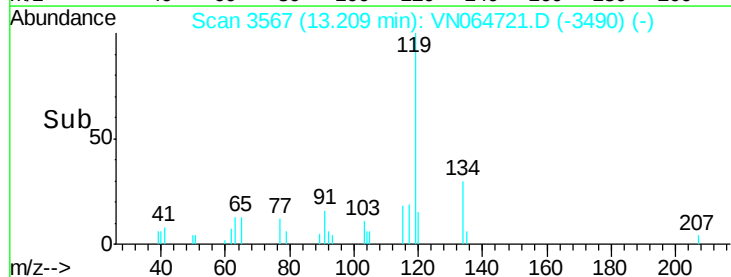
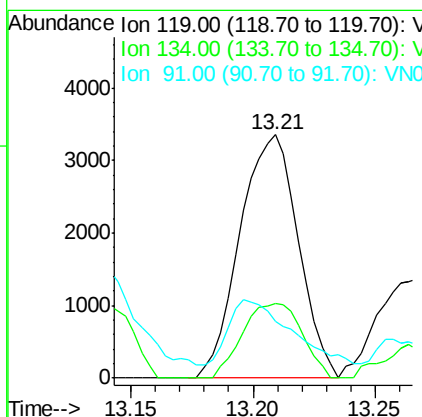
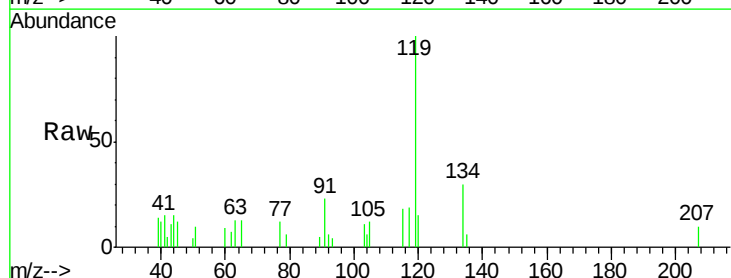
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

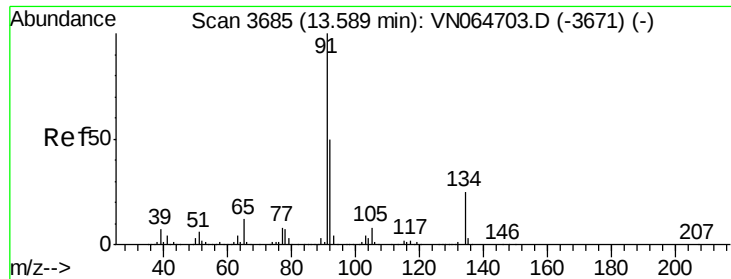
Tot Ion:105 Resp: 1003865
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#



#86
 p-Isopropyltoluene
 Concen: 0.423 ug/l
 RT: 13.21 min Scan# 3567
 Delta R.T. -0.05 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

Tgt Ion:119 Resp: 5558
 Ion Ratio Lower Upper
 119 100
 134 31.1 12.7 38.0
 91 0.0 13.3 39.8#

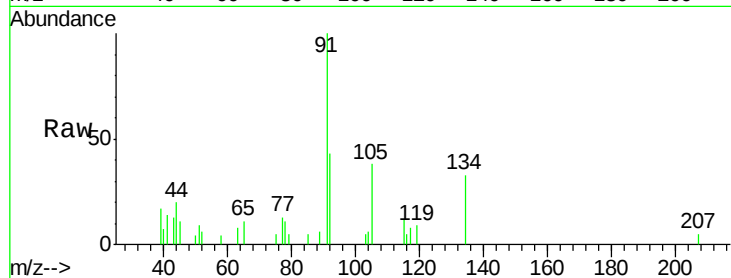




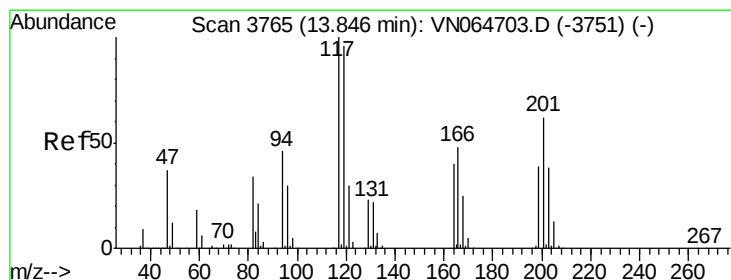
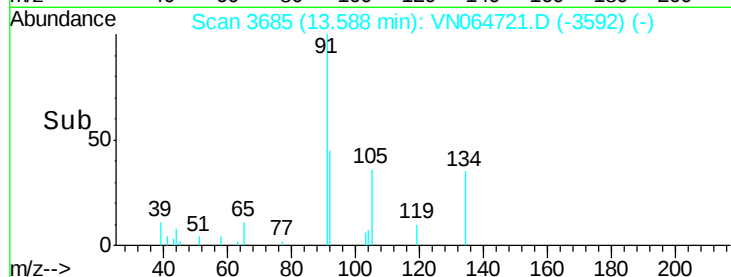
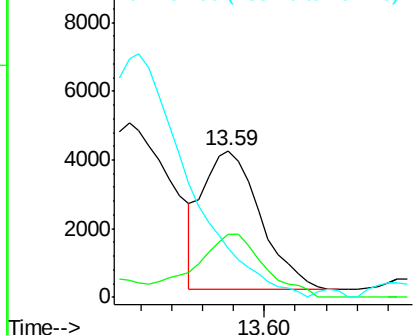
#89
n-Butylbenzene
Concen: 0.427 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion: 91 Resp: 5236
Ion Ratio Lower Upper
91 100
92 54.8 24.9 74.8
134 0.0 12.0 36.0#

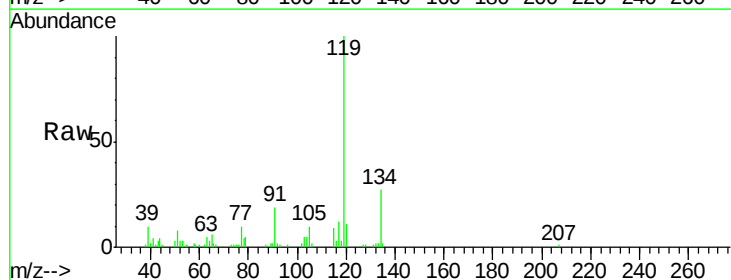


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

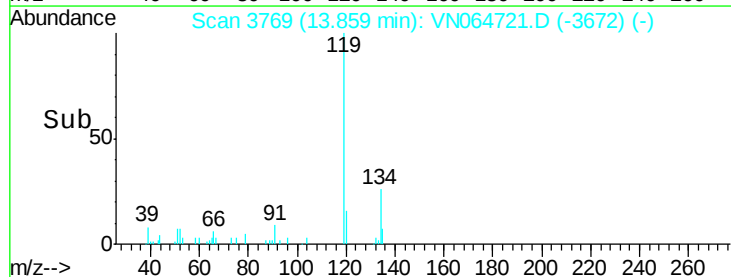
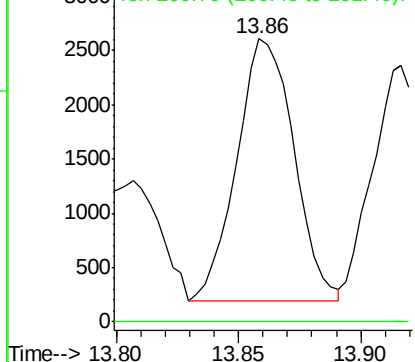


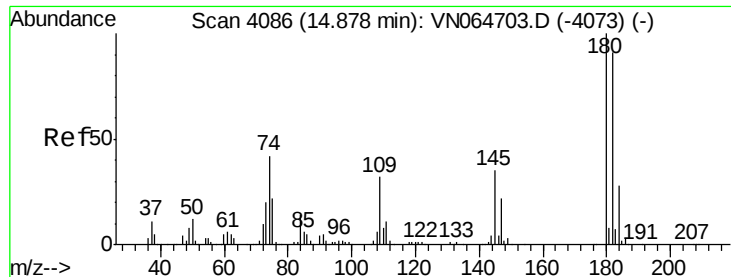
#90
Hexachloroethane
Concen: 1.798 ug/l
RT: 13.86 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VN064721.D
Acq: 18 Nov 2020 21:00

Tgt Ion: 117 Resp: 3904
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.5#



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

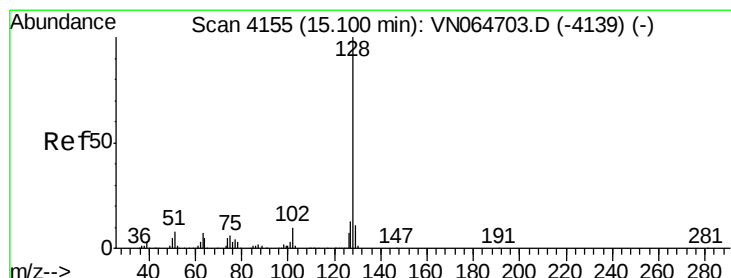
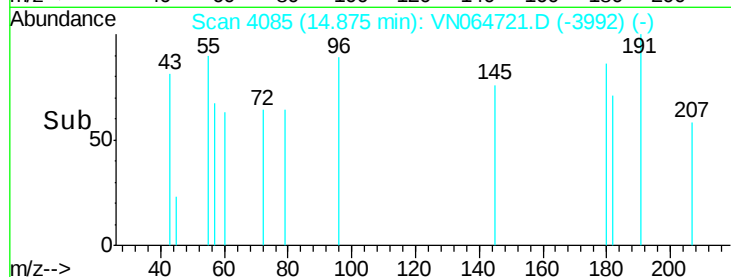
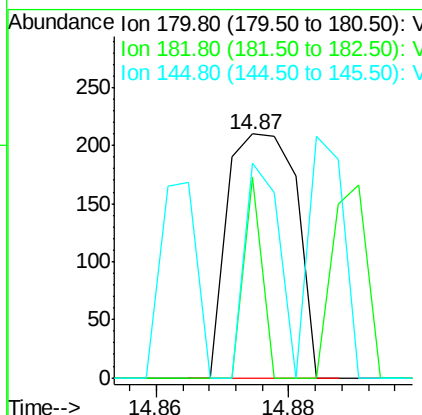
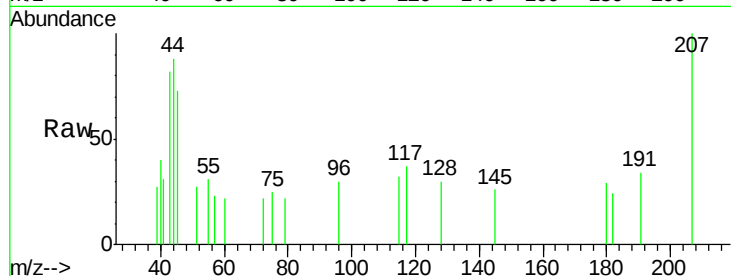




#93
 1,2,4-Trichlorobenzene
 Concen: 1.368 ug/l
 RT: 14.87 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

Tot Ion:180 Resp: 151
 Ion Ratio Lower Upper
 180 100
 182 21.9 47.3 141.8#
 145 44.4 17.5 52.5



#95
 Naphthalene
 Concen: 10.931 ug/l
 RT: 15.10 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN064721.D
 Acq: 18 Nov 2020 21:00

Tgt Ion:128 Resp: 144295
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.8 16.2
 129 10.8 8.9 13.3

