

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064685.D
 Acq On : 17 Nov 2020 17:07
 Operator : JC/MD
 Sample : L4772-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

Quant Time: Nov 18 01:44:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	323960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	558510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	532754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	282888	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	261057	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	7.55	113	189348	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.06	98	699759	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	284001	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	192116	45.556	ug/l	98
3) Chloromethane	2.04	50	219481	42.848	ug/l	98
4) Vinyl Chloride	2.17	62	246952	46.948	ug/l	98
5) Bromomethane	2.53	94	160623	47.799	ug/l	99
6) Chloroethane	2.67	64	156475	46.463	ug/l	98
7) Trichlorofluoromethane	2.99	101	394791	50.970	ug/l	99
8) Diethyl Ether	3.38	74	132547	48.459	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	176653	48.028	ug/l	99
10) Methyl Iodide	3.91	142	208297	48.737	ug/l	100
11) Tert butyl alcohol	4.74	59	182053	292.552	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	163690	47.246	ug/l	93
13) Acrolein	3.57	56	95417	247.194	ug/l	96
14) Allyl chloride	4.28	41	293972	43.374	ug/l	97
15) Acrylonitrile	4.93	53	436440	251.908	ug/l	98
16) Acetone	3.78	43	419914	195.356	ug/l	100
17) Carbon Disulfide	4.01	76	440242	42.490	ug/l	96
18) Methyl Acetate	4.28	43	207701	49.150	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	607240	48.697	ug/l	100
20) Methylene Chloride	4.50	84	197400	46.287	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	182540	46.402	ug/l	98
22) Diisopropyl ether	5.90	45	657087	45.672	ug/l	98
23) Vinyl Acetate	5.85	43	2723120	232.668	ug/l	97
24) 1,1-Dichloroethane	5.79	63	363922	46.032	ug/l	99
25) 2-Butanone	6.79	43	617365	225.420	ug/l	94
26) 2,2-Dichloropropane	6.78	77	332807	46.503	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	255282	56.003	ug/l	94
28) Bromochloromethane	7.15	49	169733	43.678	ug/l	92
29) Tetrahydrofuran	7.17	42	407521	242.532	ug/l	97
30) Chloroform	7.33	83	396902	47.761	ug/l	98
31) Cyclohexane	7.61	56	288786	42.100	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	359901	48.829	ug/l	97
36) 1,1-Dichloropropene	7.75	75	279870	47.434	ug/l	99
37) Ethyl Acetate	6.88	43	264701	44.291	ug/l	99
38) Carbon Tetrachloride	7.74	117	308977	48.998	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	278439	52.643	ug/l	99
40) Benzene	8.00	78	802302	46.274	ug/l	100
41) Methacrylonitrile	7.13	41	110033	42.064	ug/l	94
42) 1,2-Dichloroethane	8.08	62	334031	47.740	ug/l	100
43) Isopropyl Acetate	8.13	43	464478	48.576	ug/l	98
44) Trichloroethene	8.80	130	205191	46.908	ug/l	99
45) 1,2-Dichloropropane	9.08	63	214255	46.314	ug/l	98
46) Dibromomethane	9.17	93	153361	50.359	ug/l	98
47) Bromodichloromethane	9.37	83	324351	49.533	ug/l	99
48) Methyl methacrylate	9.16	41	234884	48.681	ug/l	99
49) 1,4-Dioxane	9.16	88	67587	1063.501	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1452801	260.535	ug/l	99
52) Toluene	10.12	92	507710	48.012	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	347913	50.116	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	348645	46.972	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	215465	52.246	ug/l	98
56) Ethyl methacrylate	10.40	69	314884	46.539	ug/l	97
57) 1,3-Dichloropropane	10.68	76	346627	48.153	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	126	21.574	ug/l #	51
59) 2-Hexanone	10.72	43	1075828	236.814	ug/l	99
60) Dibromochloromethane	10.87	129	240122	52.004	ug/l	100
61) 1,2-Dibromoethane	10.97	107	216746	51.814	ug/l	98
64) Tetrachloroethene	10.60	164	184716	45.011	ug/l	98
65) Chlorobenzene	11.41	112	559091	47.871	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	218667	50.187	ug/l	98
67) Ethyl Benzene	11.48	91	3177249	152.943	ug/l	97
68) m/p-Xylenes	11.60	106	1305509	173.283	ug/l	100
69) o-Xylene	11.92	106	426873	58.635	ug/l	100
70) Styrene	11.94	104	643014	52.488	ug/l	99
71) Bromoform	12.10	173	157216	48.105	ug/l #	98
73) Isopropylbenzene	12.22	105	3634040	161.622	ug/l	98
74) N-amyl acetate	12.04	43	512746	47.091	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.48	83	315542	45.689	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	449369	65.562	ug/l #	100
77) Bromobenzene	12.50	156	236638	43.107	ug/l	94
78) n-propylbenzene	12.56	91	5546975	216.388	ug/l	94
79) 2-Chlorotoluene	12.65	91	1004875	61.806	ug/l	84
80) 1,3,5-Trimethylbenzene	12.71	105	1757031	94.722	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	106569	43.412	ug/l	93
82) 4-Chlorotoluene	12.75	91	772013	45.341	ug/l	99
83) tert-Butylbenzene	12.97	119	1052732	72.666	ug/l	99
84) 1,2,4-Trimethylbenzene	12.87	105	1210390	64.910	ug/l	79
85) sec-Butylbenzene	13.14	105	2491312	135.783	ug/l	85
86) p-Isopropyltoluene	13.26	119	1331686	80.691	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	461382	48.621	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	484650	49.421	ug/l	99
89) n-Butylbenzene	13.59	91	1634045	115.158	ug/l #	86
90) Hexachloroethane	13.86	117	387021	121.567	ug/l #	55
91) 1,2-Dichlorobenzene	13.63	146	467863	51.256	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	85800	62.399	ug/l	96

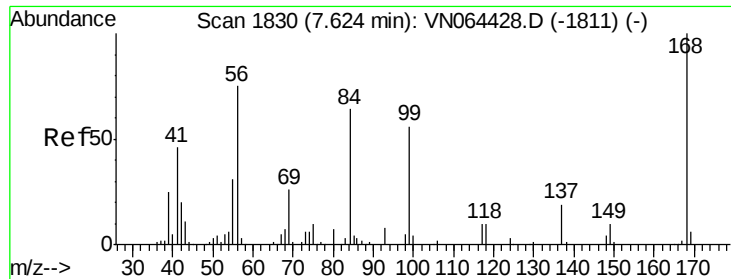
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	262768	57.467	ug/l #	84
94) Hexachlorobutadiene	14.98	225	114538	61.631	ug/l	99
95) Naphthalene	15.10	128	2298696	141.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	258686	58.410	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

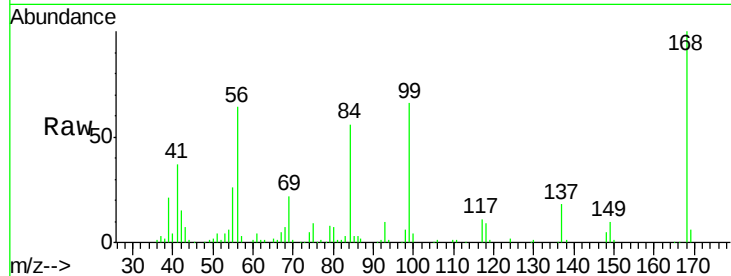
MW-4MSD

Tot Ion:168 Resp: 323960

Ion Ratio Lower Upper

168 100

99 66.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

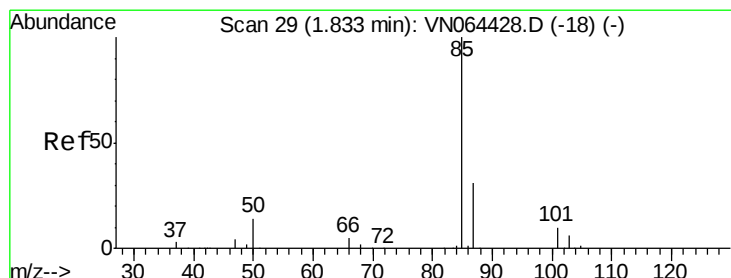
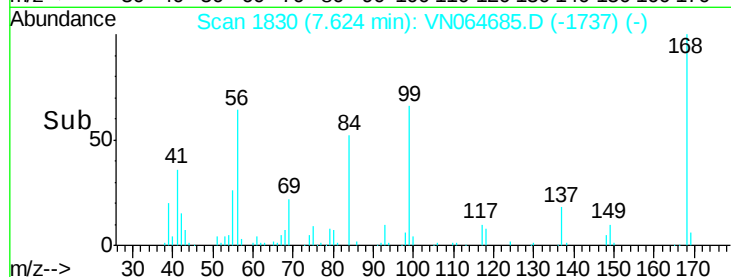
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.556 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064685.D

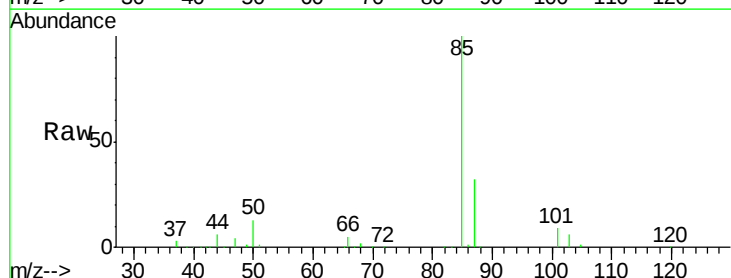
Acq: 17 Nov 2020 17:07

Tgt Ion: 85 Resp: 192116

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

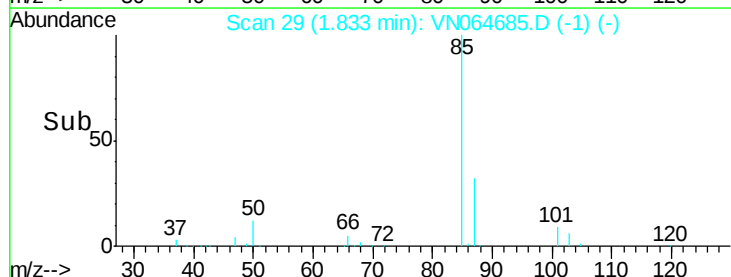
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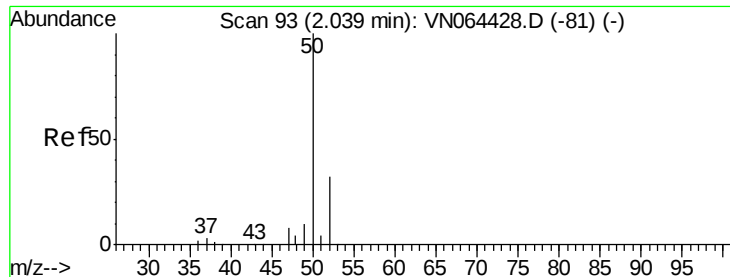
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 42.848 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

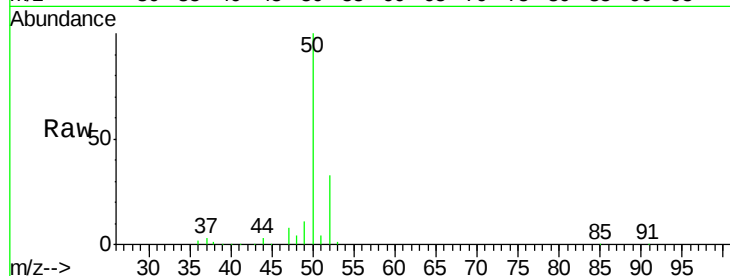
MW-4MSD

Tot Ion: 50 Resp: 219481

Ion Ratio Lower Upper

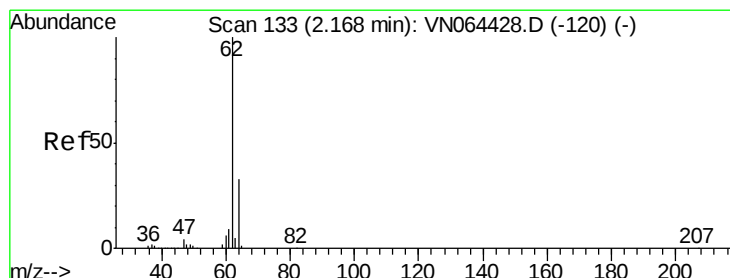
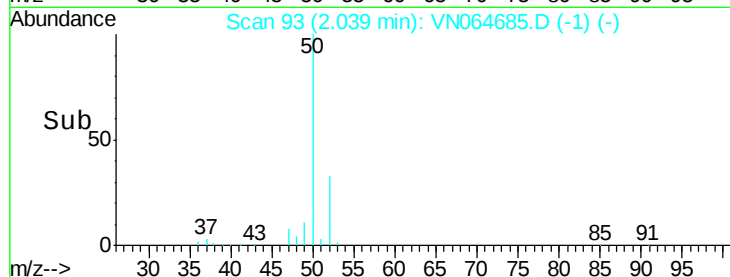
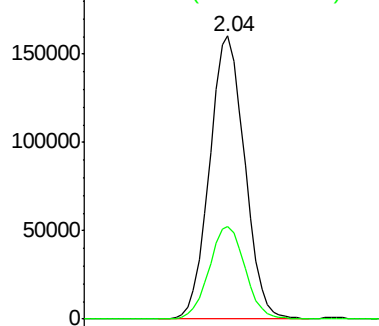
50 100

52 32.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.948 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064685.D

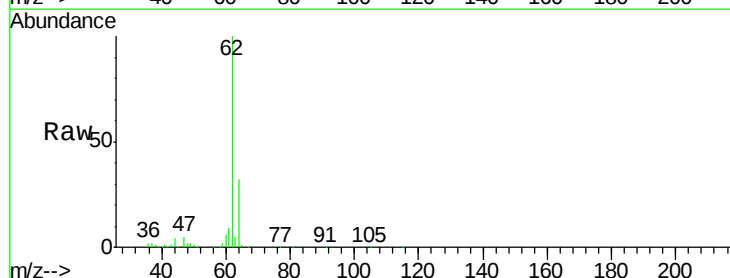
Acq: 17 Nov 2020 17:07

Tgt Ion: 62 Resp: 246952

Ion Ratio Lower Upper

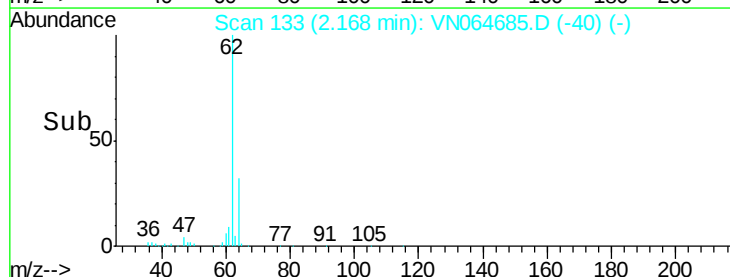
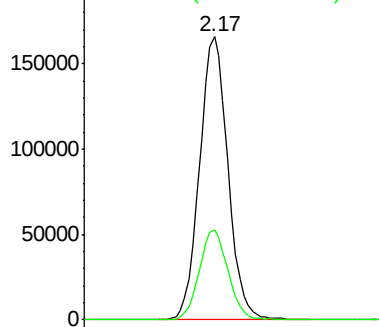
62 100

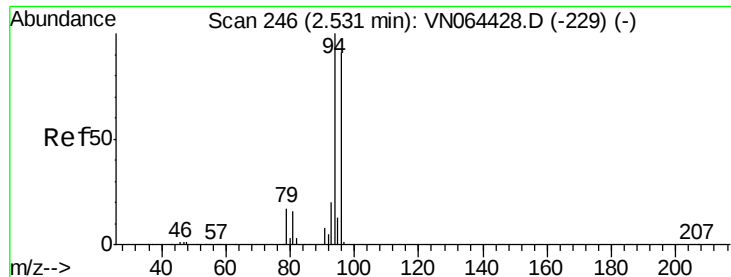
64 31.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 47.799 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

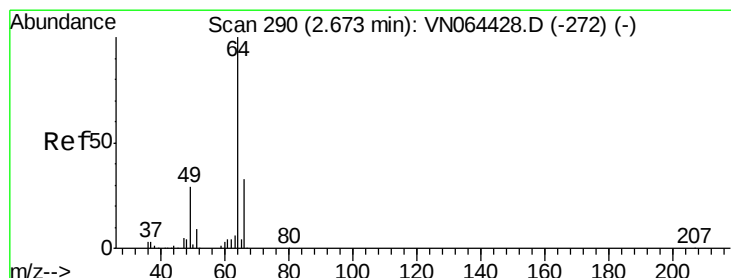
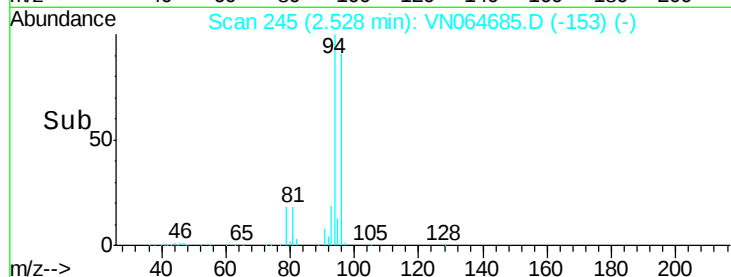
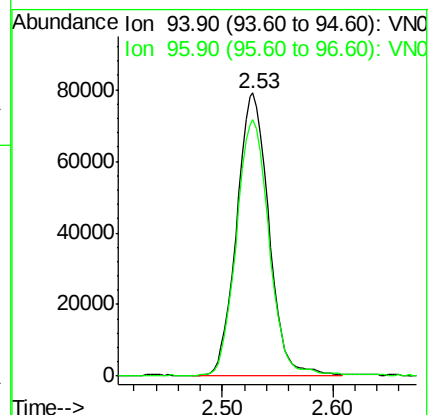
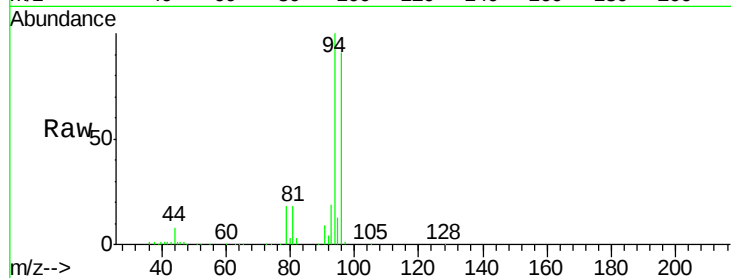
MW-4MSD

Tot Ion: 94 Resp: 160623

Ion Ratio Lower Upper

94 100

96 90.6 73.1 109.7



#6

Chloroethane

Concen: 46.463 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064685.D

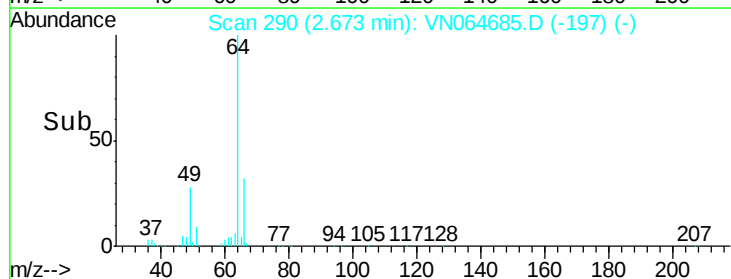
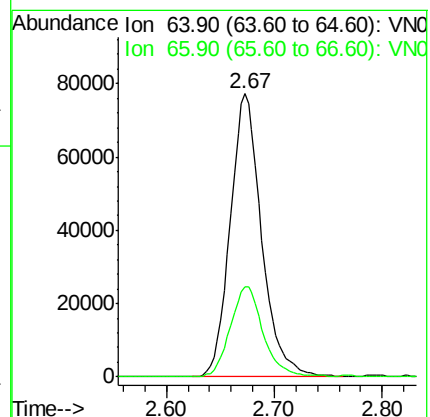
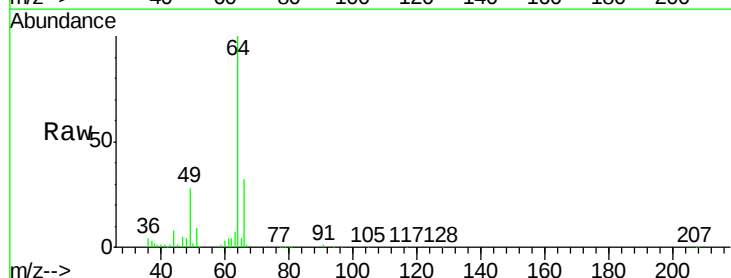
Acq: 17 Nov 2020 17:07

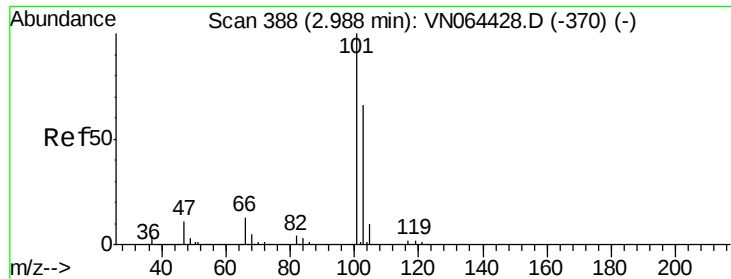
Tgt Ion: 64 Resp: 156475

Ion Ratio Lower Upper

64 100

66 31.7 26.1 39.1



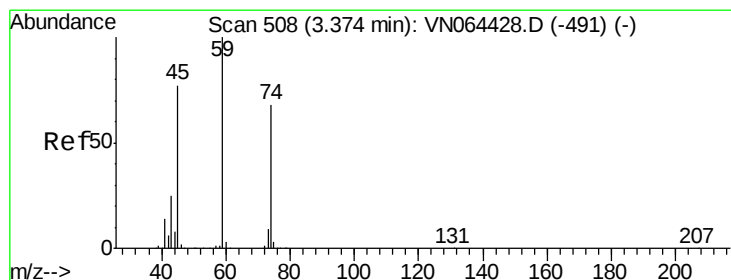
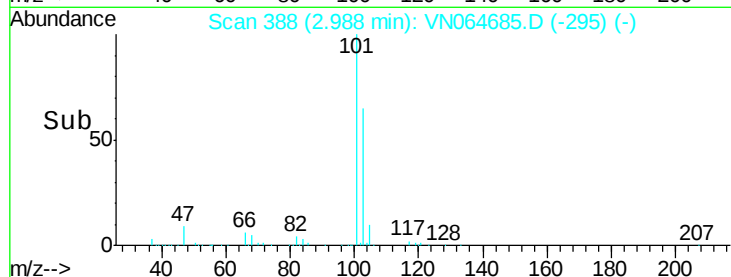
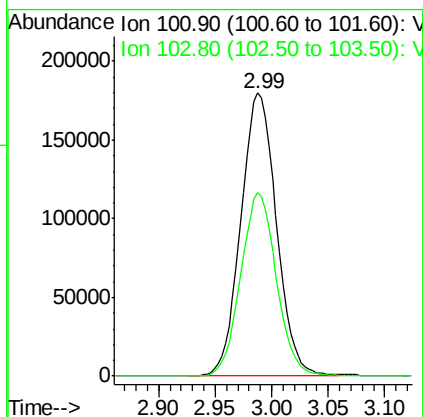
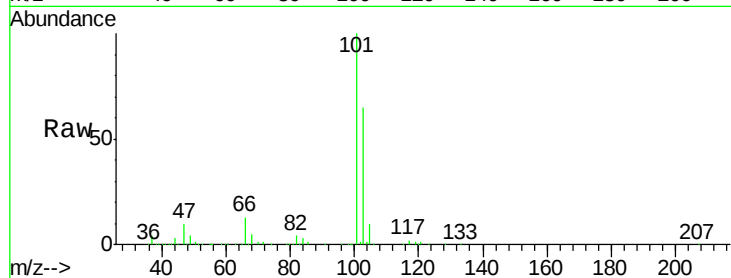


#7

Trichlorofluoromethane
Concen: 50.970 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

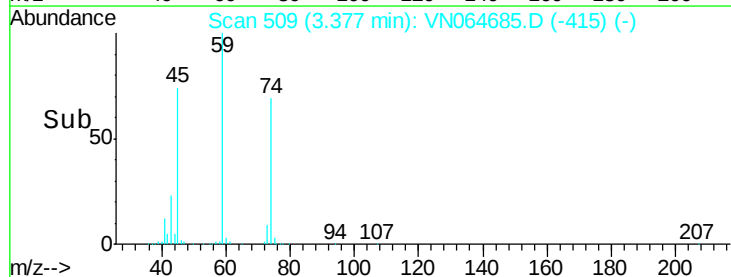
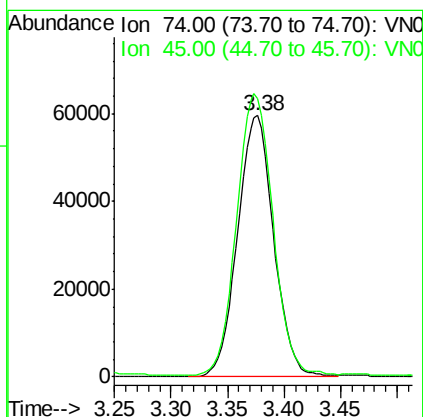
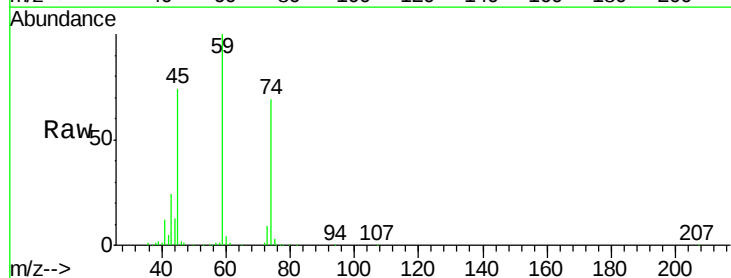
Tot Ion:101 Resp: 394791
Ion Ratio Lower Upper
101 100
103 64.8 52.4 78.6

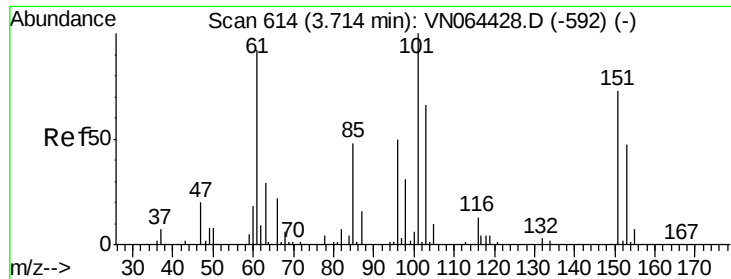


#8

Diethyl Ether
Concen: 48.459 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 74 Resp: 132547
Ion Ratio Lower Upper
74 100
45 108.6 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.028 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4MSD

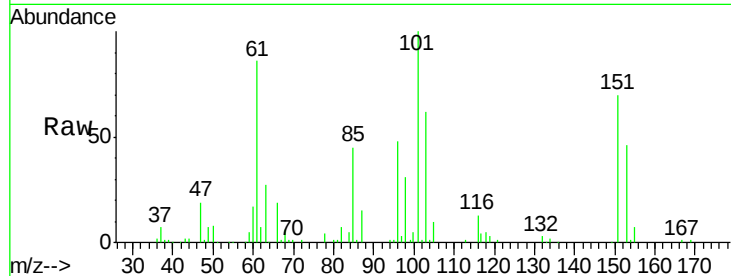
Tot Ion:101 Resp: 176653

Ion Ratio Lower Upper

101 100

85 47.1 38.6 57.8

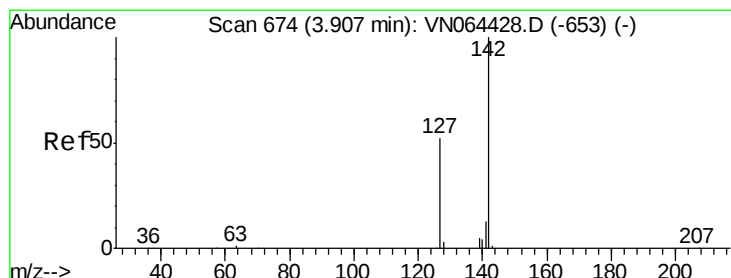
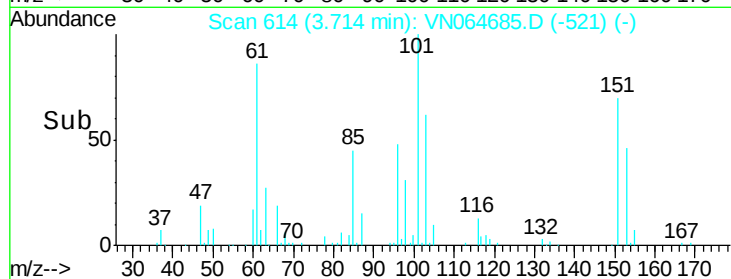
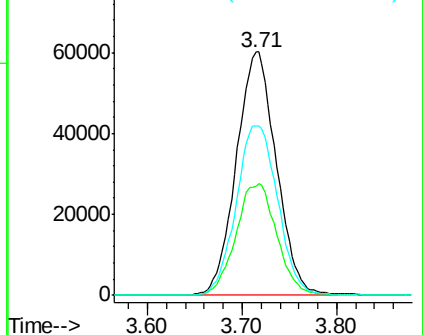
151 72.3 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.737 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

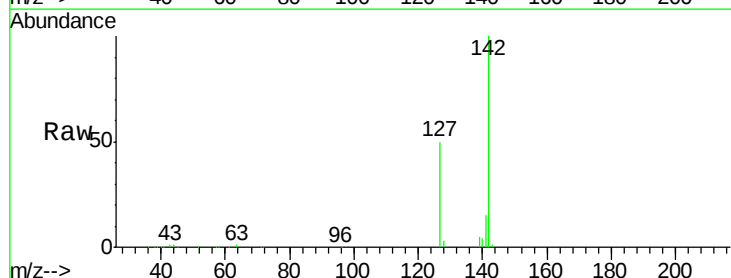
Tgt Ion:142 Resp: 208297

Ion Ratio Lower Upper

142 100

127 52.2 41.8 62.8

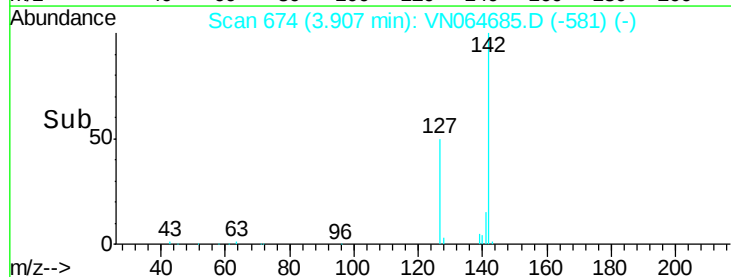
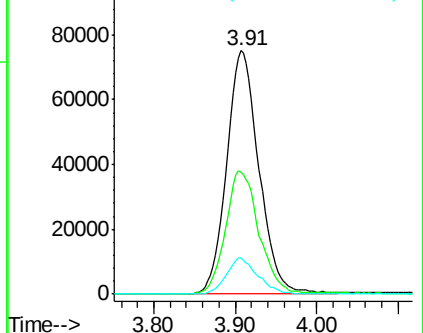
141 14.4 11.4 17.2

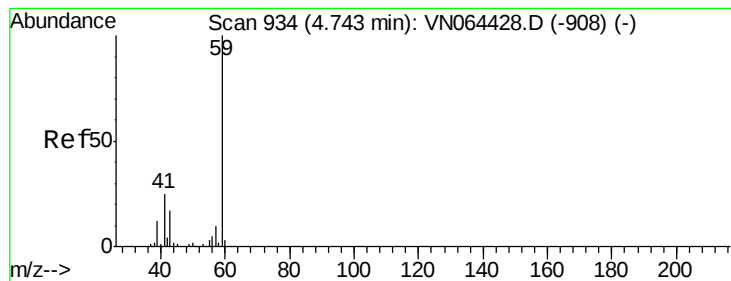


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



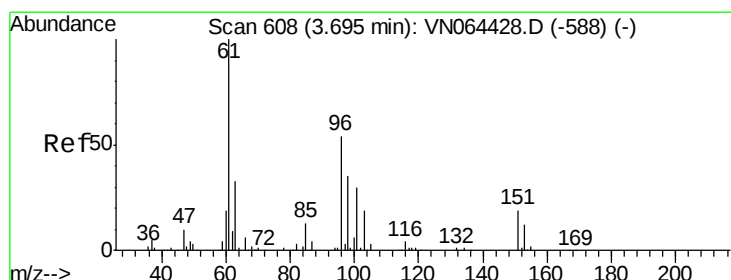
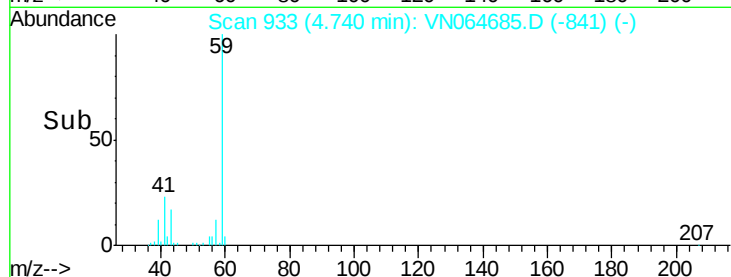
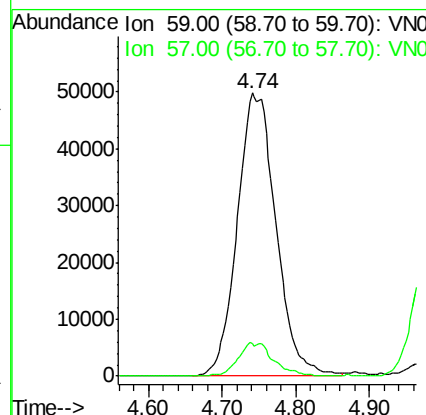
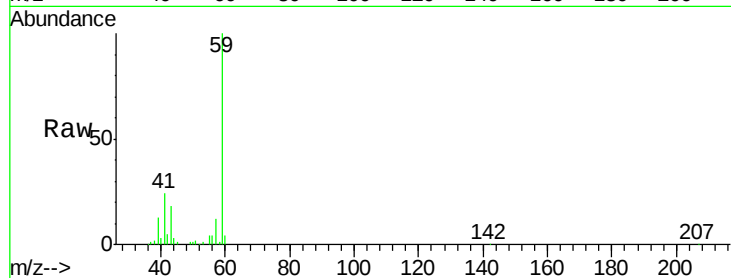


#11

Tert butyl alcohol
Concen: 292.552 ug/l
RT: 4.74 min Scan# 933
Delta R.T. -0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Instrument :
MSVOA_N
ClientSampled :
MW-4MSD

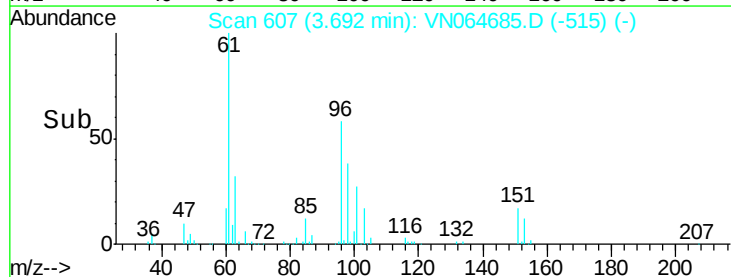
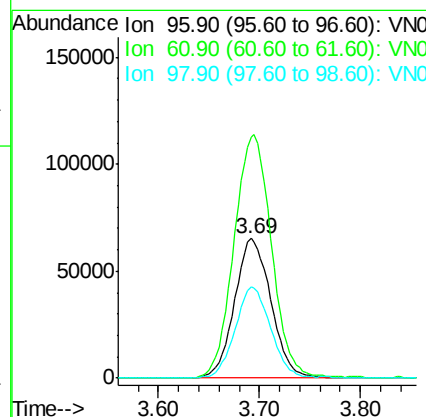
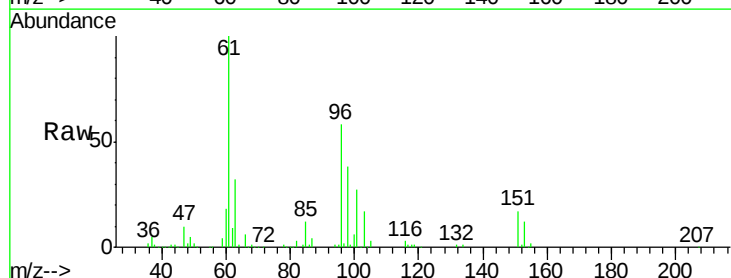
Tot Ion: 59 Resp: 182053
Ion Ratio Lower Upper
59 100
57 5.2 9.0 13.4#

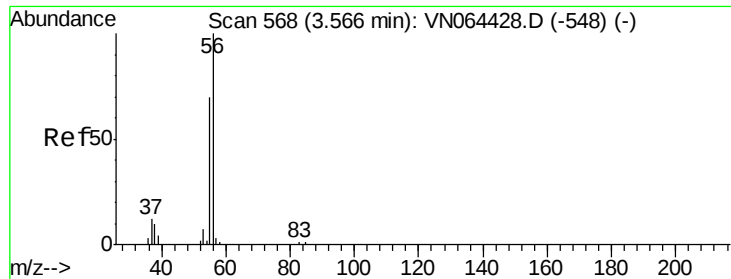


#12

1,1-Dichloroethene
Concen: 47.246 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 96 Resp: 163690
Ion Ratio Lower Upper
96 100
61 172.9 149.5 224.3
98 65.0 52.4 78.6





#13

Acrolein

Concen: 247.194 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

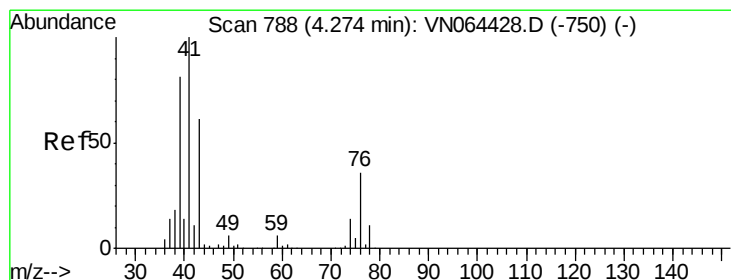
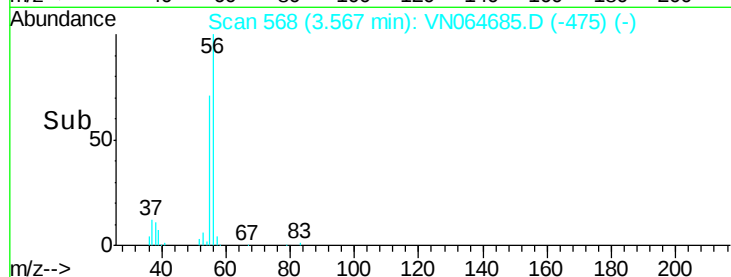
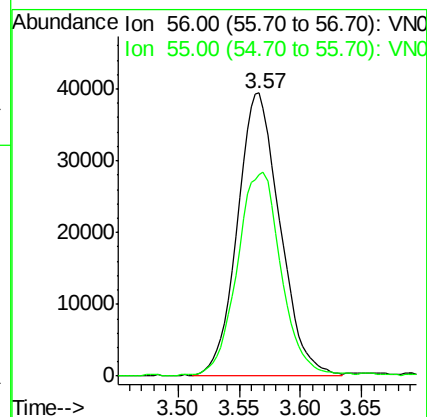
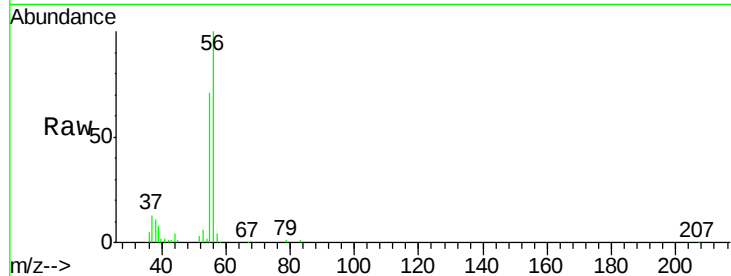
MW-4MSD

Tot Ion: 56 Resp: 95417

Ion Ratio Lower Upper

56 100

55 73.0 55.9 83.9



#14

Allyl chloride

Concen: 43.374 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

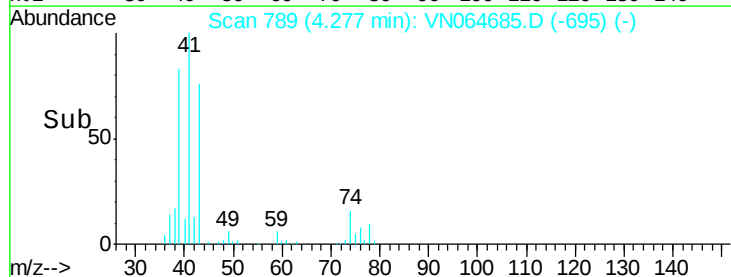
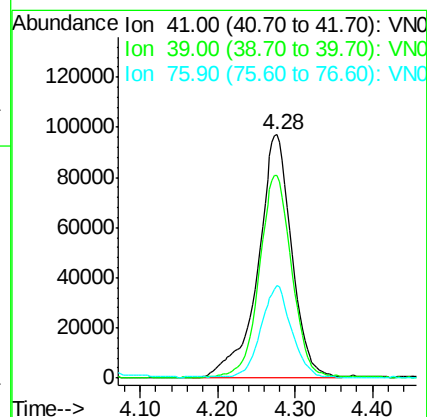
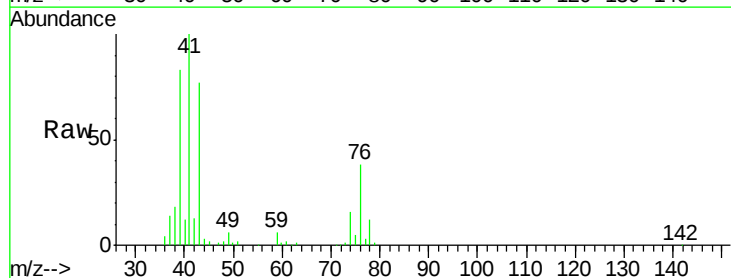
Tgt Ion: 41 Resp: 293972

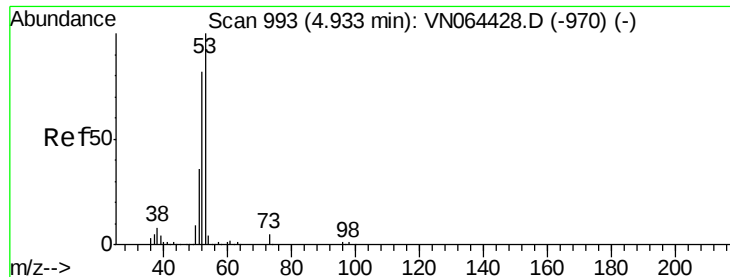
Ion Ratio Lower Upper

41 100

39 80.0 61.8 92.8

76 33.8 25.4 38.0





#15

Acrylonitrile

Concen: 251.908 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4MSD

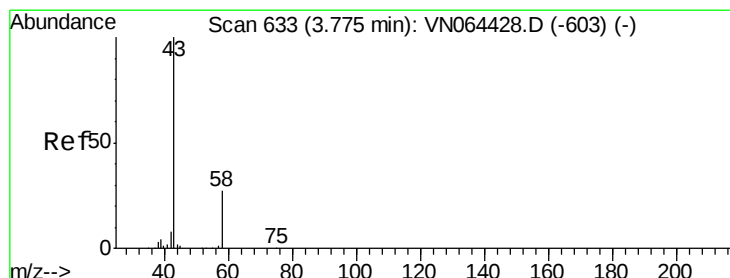
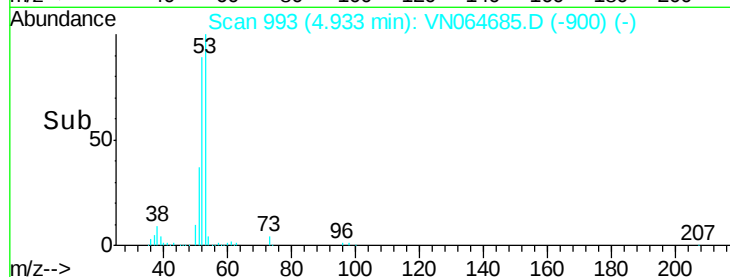
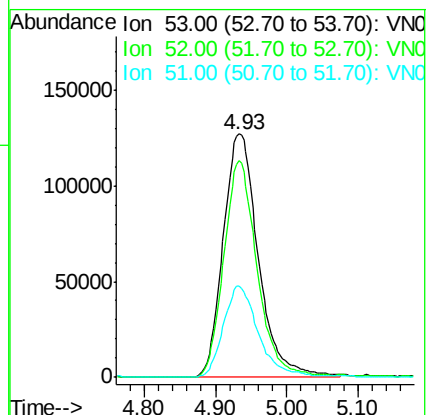
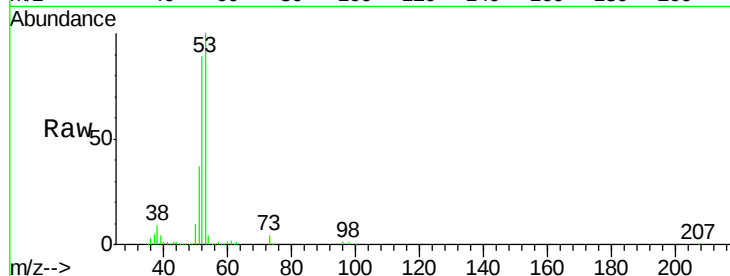
Tot Ion: 53 Resp: 436440

Ion Ratio Lower Upper

53 100

52 84.1 65.6 98.4

51 37.5 29.9 44.9



#16

Acetone

Concen: 195.356 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064685.D

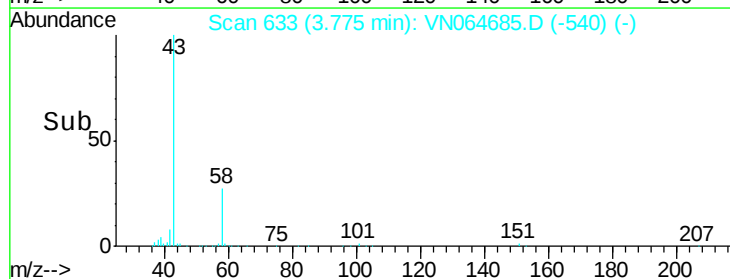
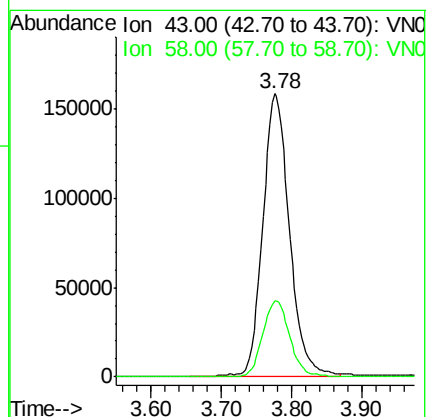
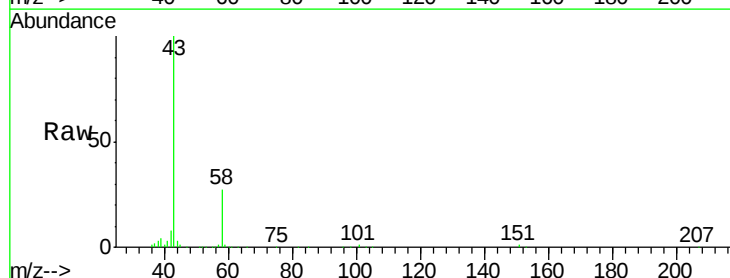
Acq: 17 Nov 2020 17:07

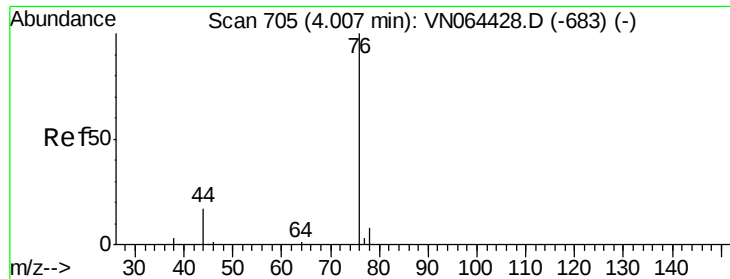
Tgt Ion: 43 Resp: 419914

Ion Ratio Lower Upper

43 100

58 26.6 21.4 32.0

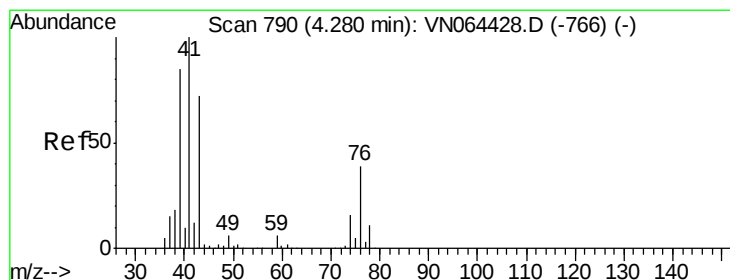
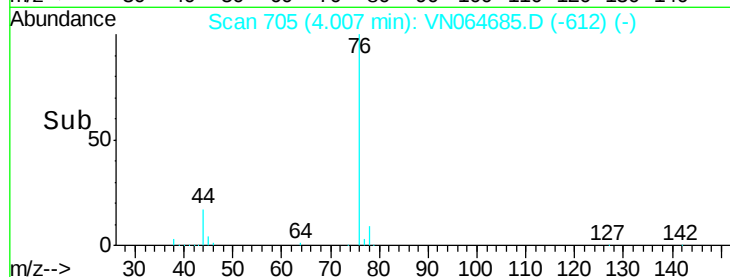
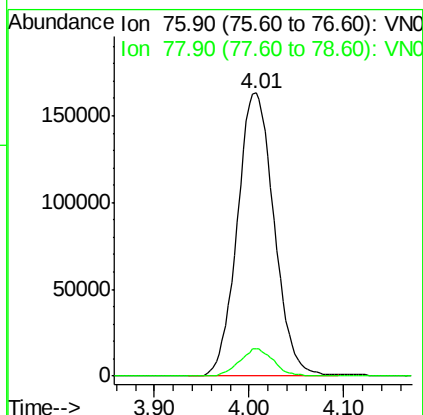
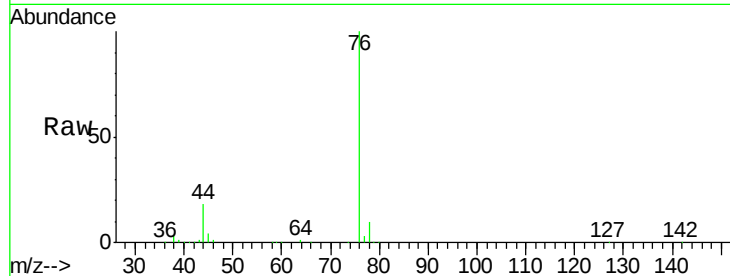




#17
Carbon Disulfide
Concen: 42.490 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

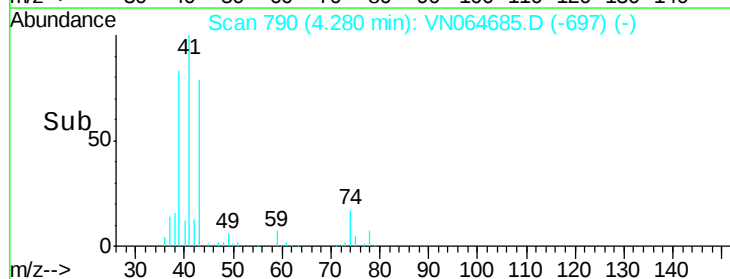
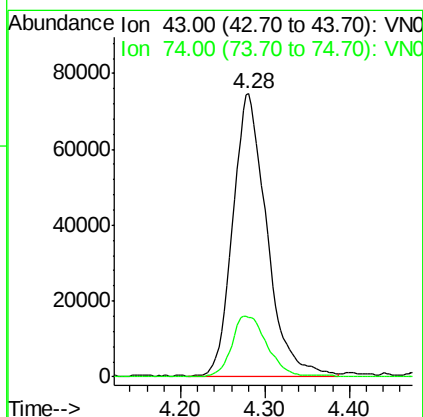
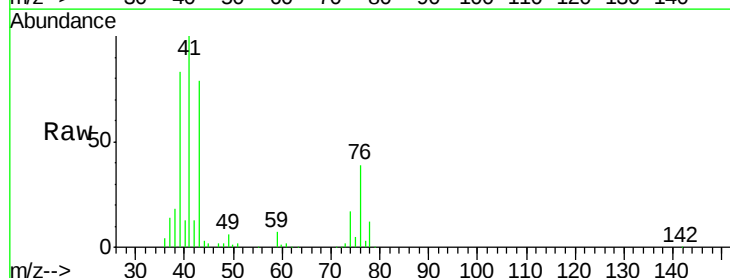
Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

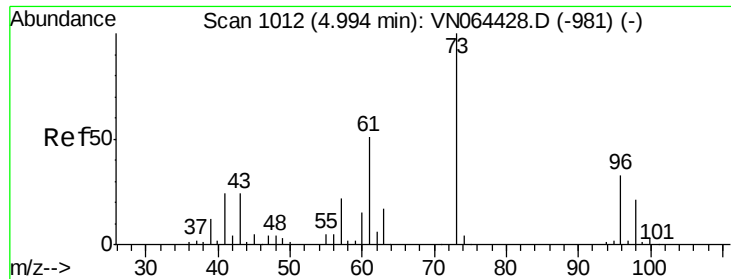
Tot Ion: 76 Resp: 440242
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 49.150 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 43 Resp: 207701
Ion Ratio Lower Upper
43 100
74 22.3 17.0 25.4

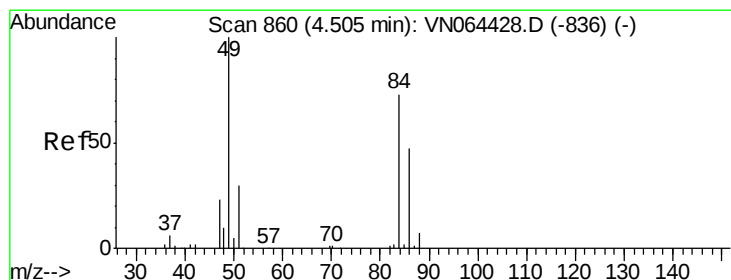
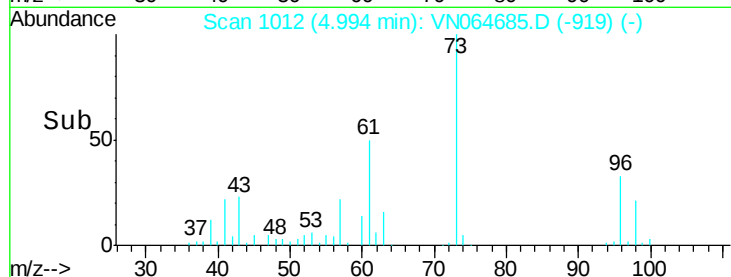
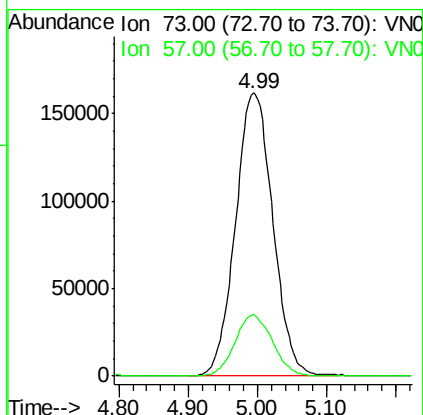
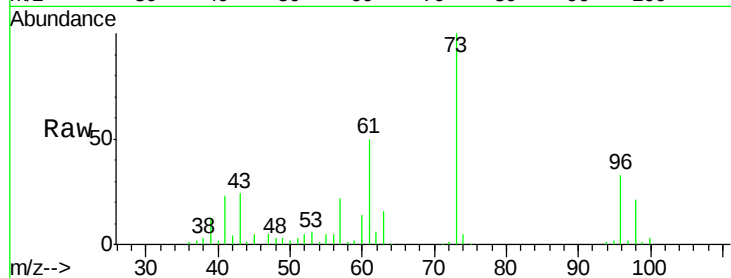




#19
Methvl tert-butvl Ether
Concen: 48.697 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

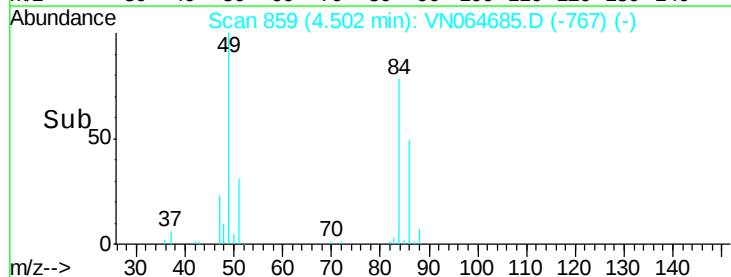
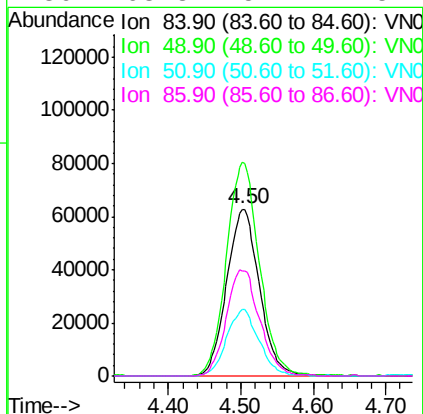
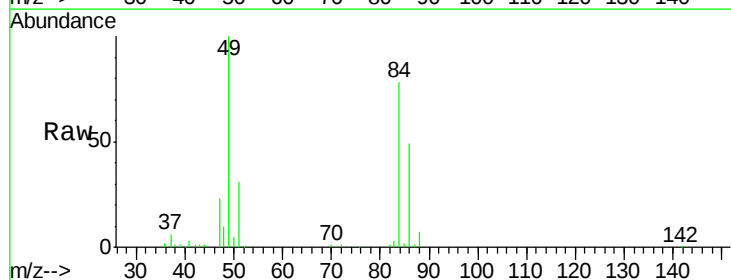
Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

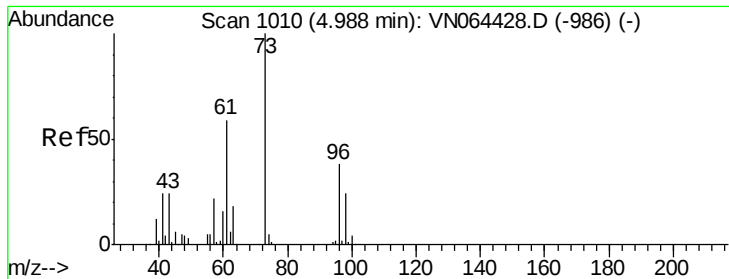
Tot Ion: 73 Resp: 607240
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 46.287 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 84 Resp: 197400
Ion Ratio Lower Upper
84 100
49 128.2 110.1 165.1
51 39.8 33.6 50.4
86 63.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 46.402 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

MW-4MSD

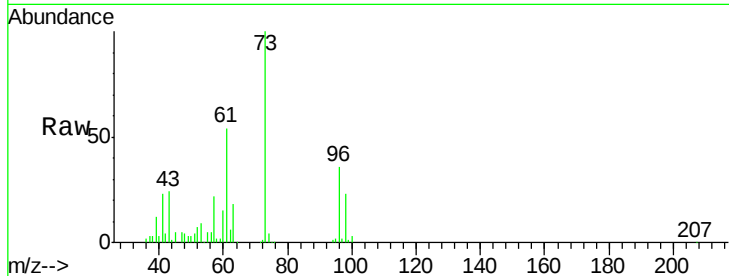
Tot Ion: 96 Resp: 182540

Ion Ratio Lower Upper

96 100

61 148.9 122.4 183.6

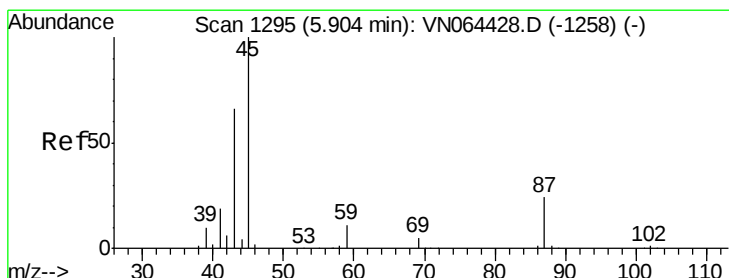
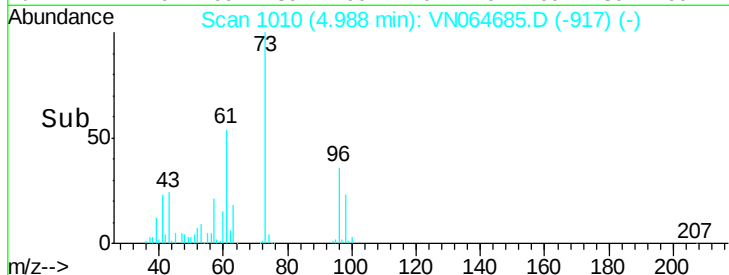
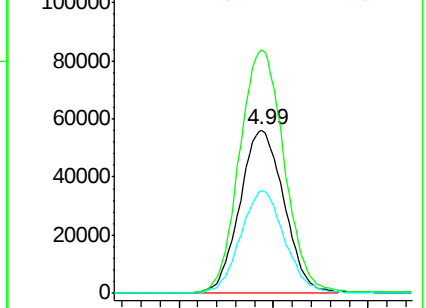
98 63.2 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064685.D (-1202) (-)

Ion 60.90 (60.60 to 61.60): VN064685.D (-1202) (-)

Ion 97.90 (97.60 to 98.60): VN064685.D (-1202) (-)



#22

Diisopropyl ether

Concen: 45.672 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Tgt Ion: 45 Resp: 657087

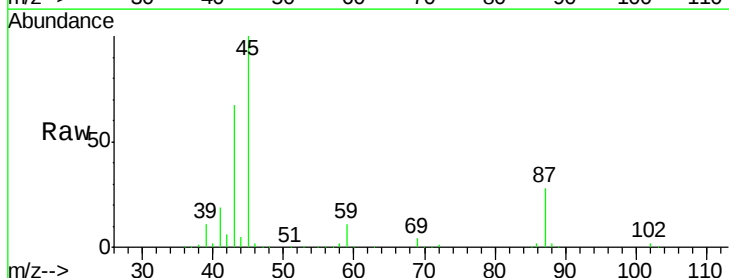
Ion Ratio Lower Upper

45 100

43 65.3 53.2 79.8

87 27.7 19.9 29.9

59 11.0 8.6 13.0

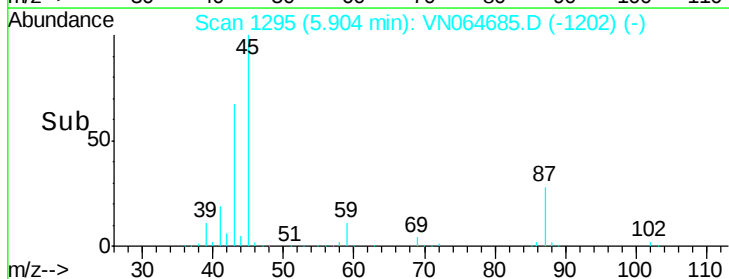
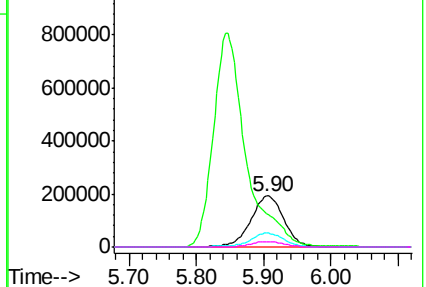


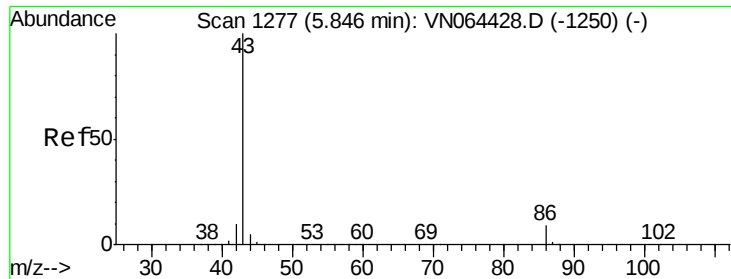
Abundance Ion 45.00 (44.70 to 45.70): VN064685.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064685.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064685.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064685.D (-1202) (-)





#23

Vinyl Acetate

Concen: 232.668 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

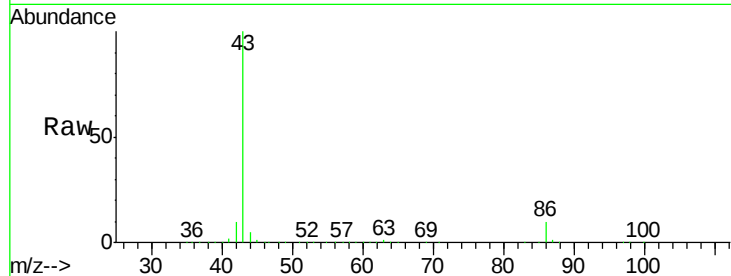
MW-4MSD

Tot Ion: 43 Resp: 2723120

Ion Ratio Lower Upper

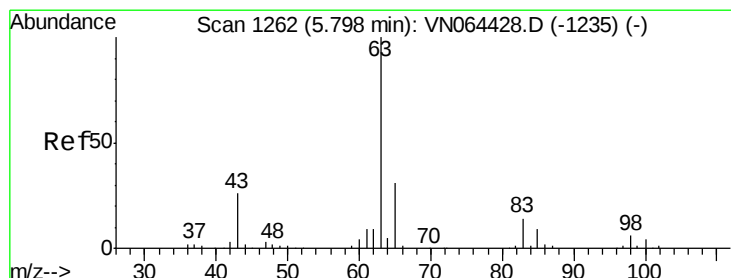
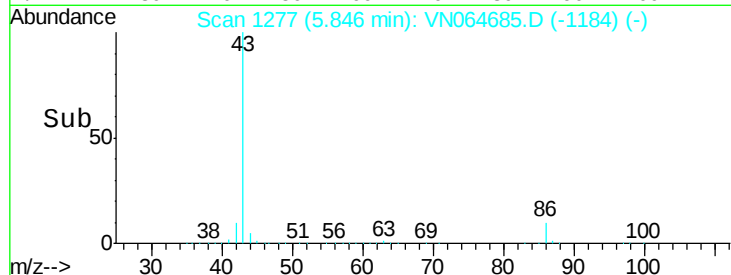
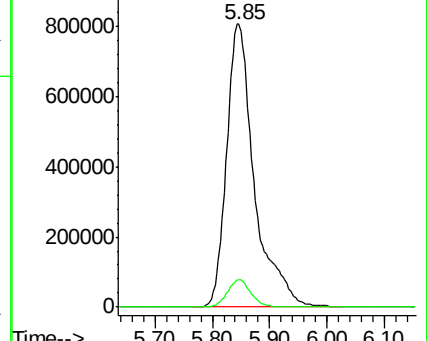
43 100

86 9.7 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.032 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

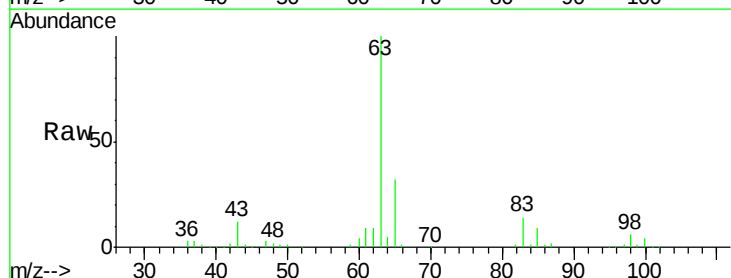
Tgt Ion: 63 Resp: 363922

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

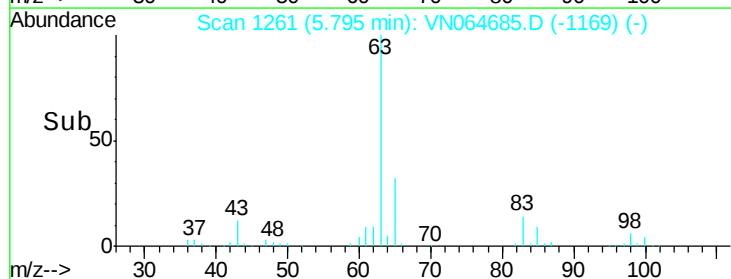
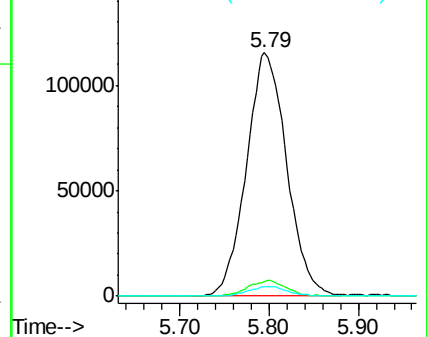
100 3.8 1.8 5.3

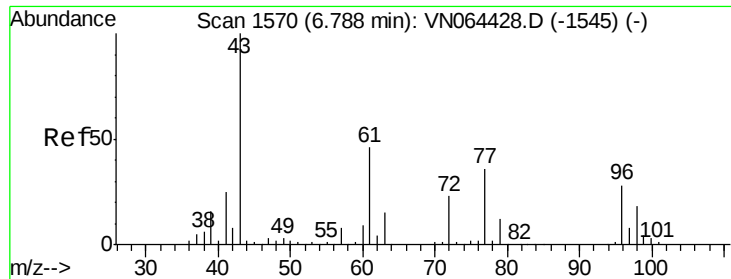


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 225.420 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

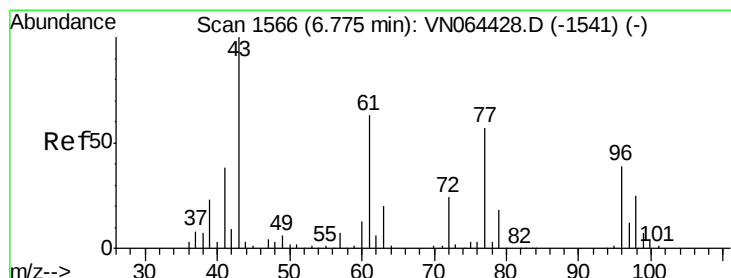
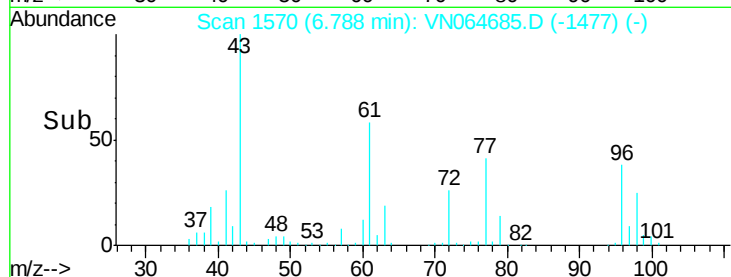
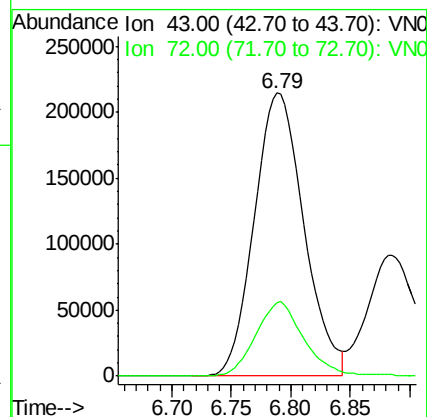
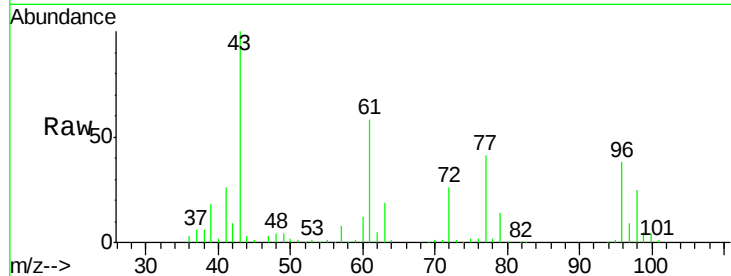
MW-4MSD

Tot Ion: 43 Resp: 617365

Ion Ratio Lower Upper

43 100

72 26.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 46.503 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064685.D

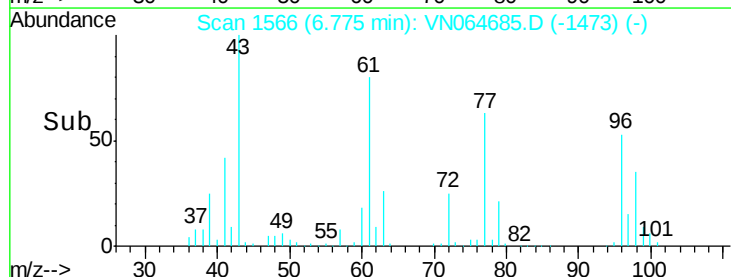
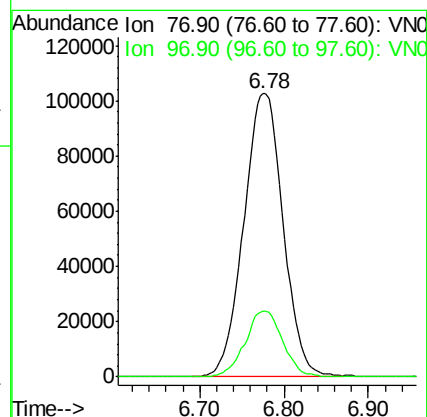
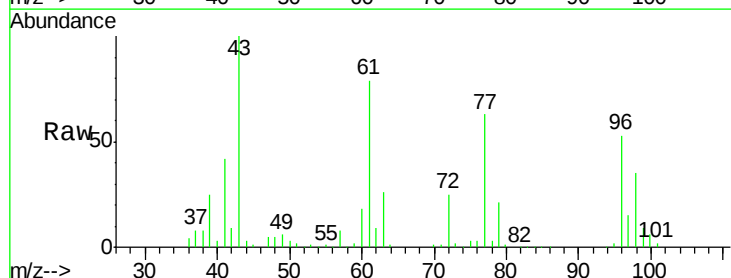
Acq: 17 Nov 2020 17:07

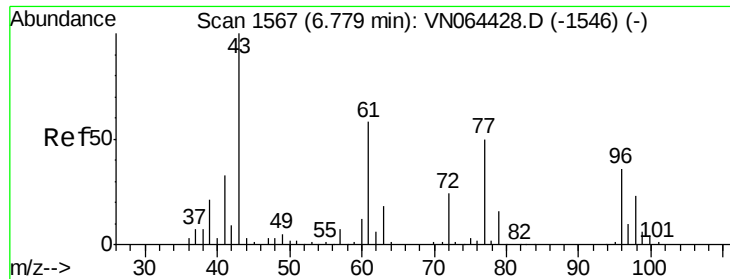
Tgt Ion: 77 Resp: 332807

Ion Ratio Lower Upper

77 100

97 22.3 10.2 30.6

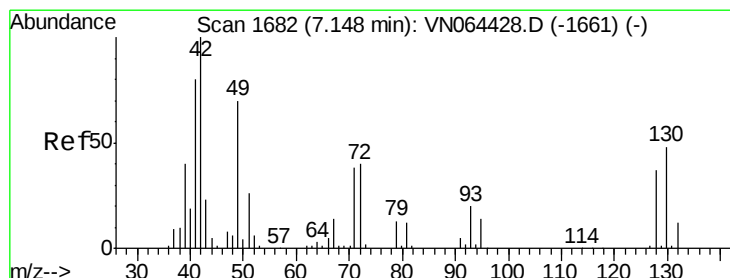
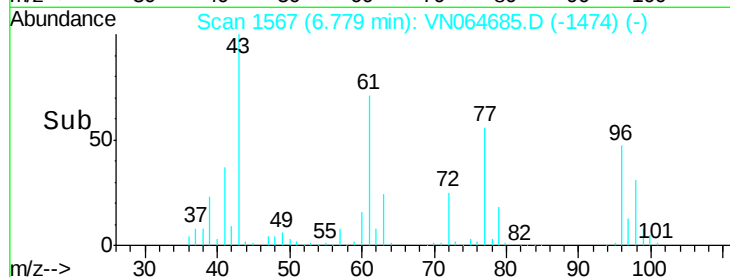
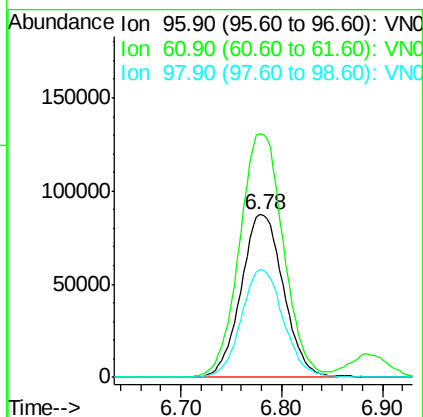
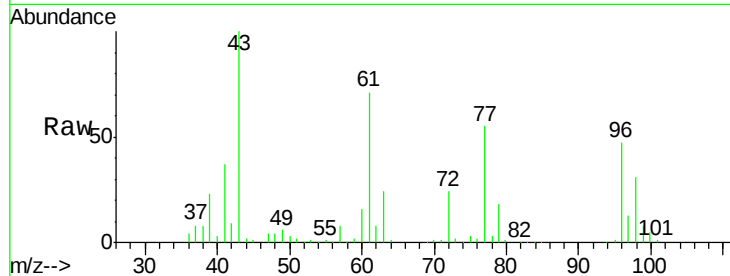




#27
 cis-1,2-Dichloroethene
 Concen: 56.003 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

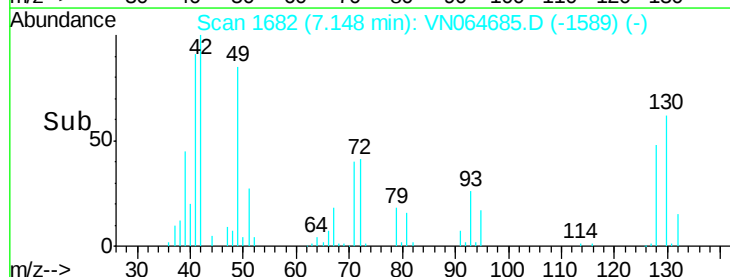
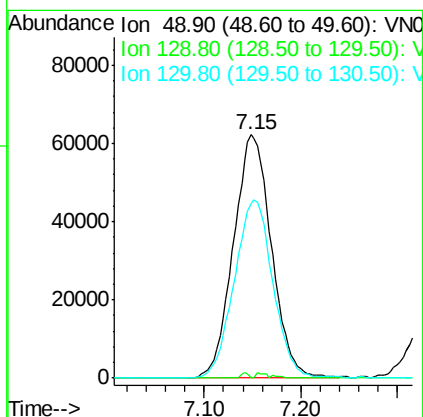
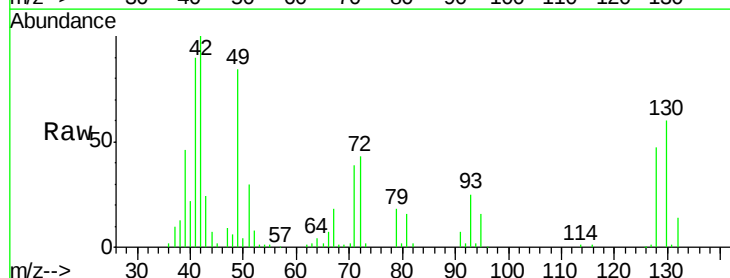
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

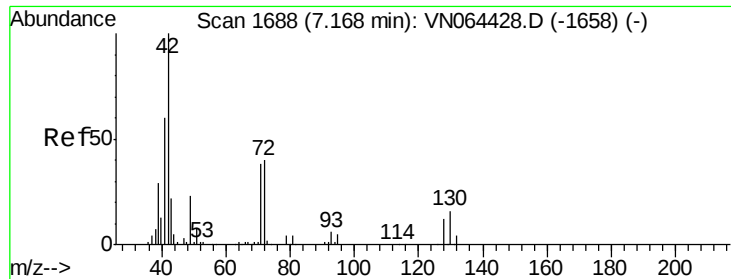
Tot Ion: 96 Resp: 255282
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 329.6
 98 65.7 0.0 131.2



#28
 Bromochloromethane
 Concen: 43.678 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion: 49 Resp: 169733
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.6
 130 74.1 54.2 81.4

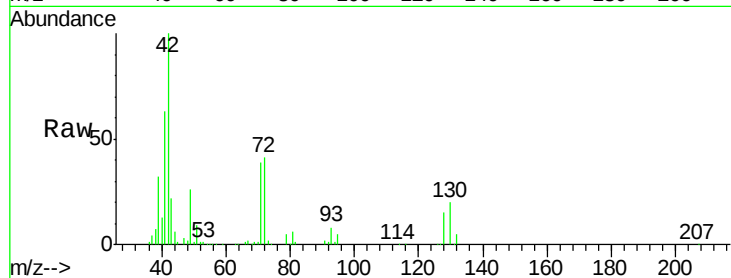




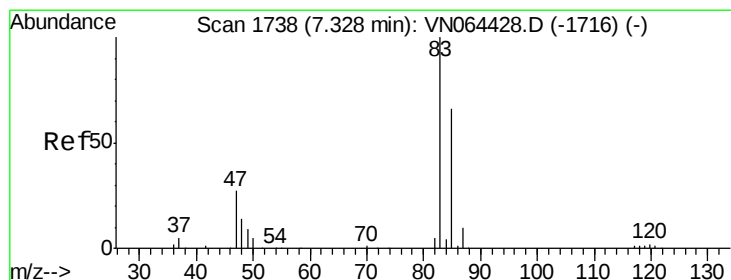
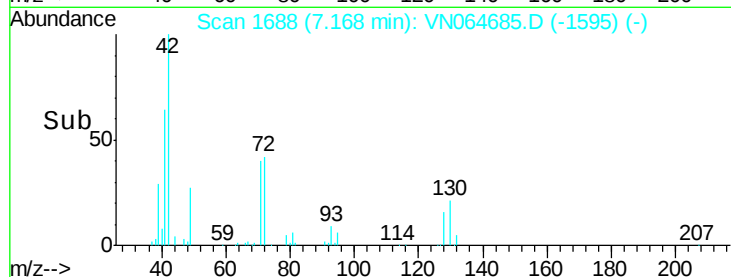
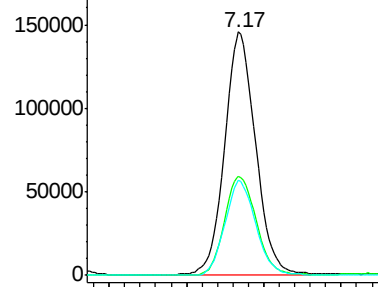
#29
Tetrahydrofuran
Concen: 242.532 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

Tot Ion: 42 Resp: 407521
Ion Ratio Lower Upper
42 100
72 41.6 31.7 47.5
71 38.9 29.8 44.6

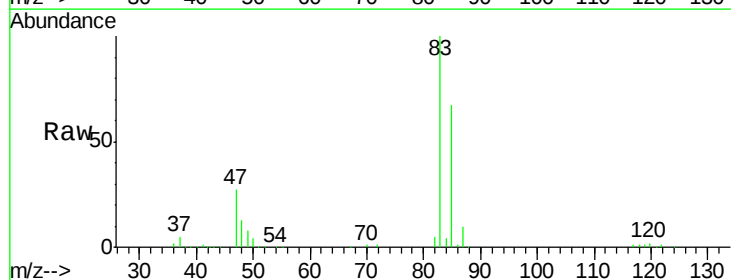


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

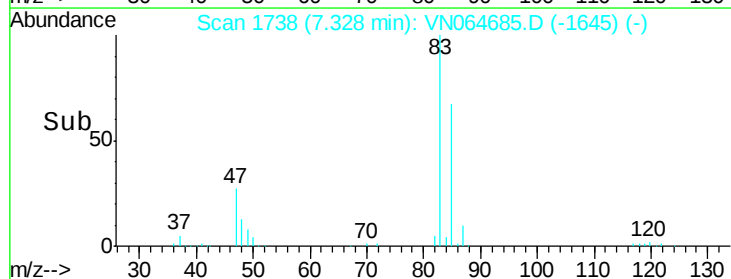
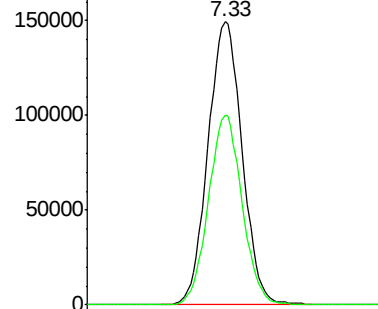


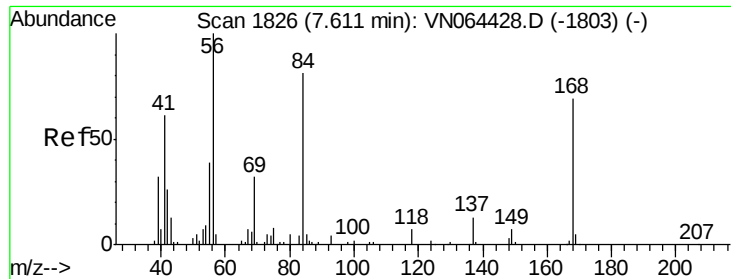
#30
Chloroform
Concen: 47.761 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 83 Resp: 396902
Ion Ratio Lower Upper
83 100
85 67.1 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

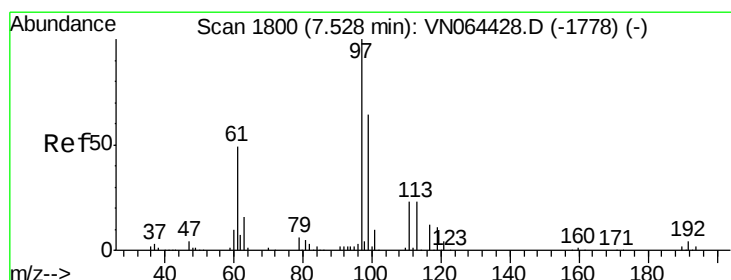
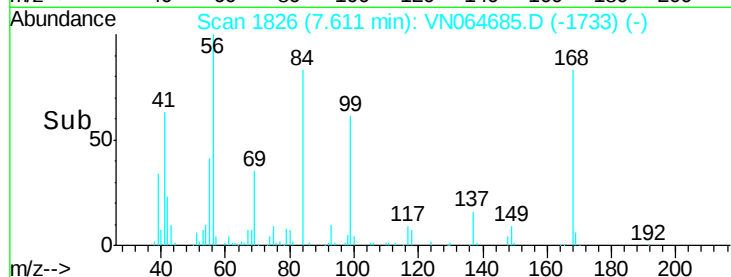
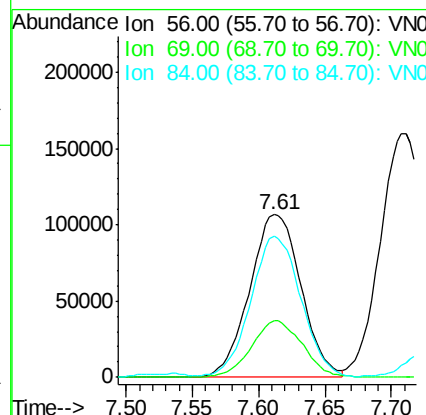
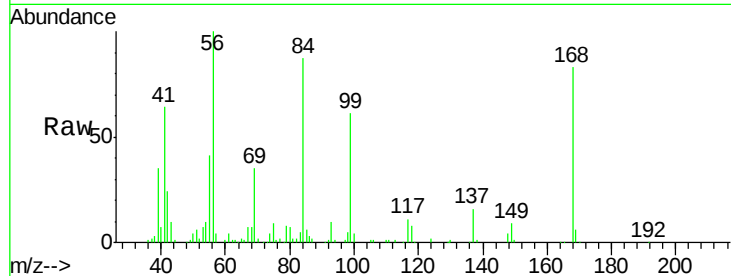




#31
Cyclohexane
Concen: 42.100 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

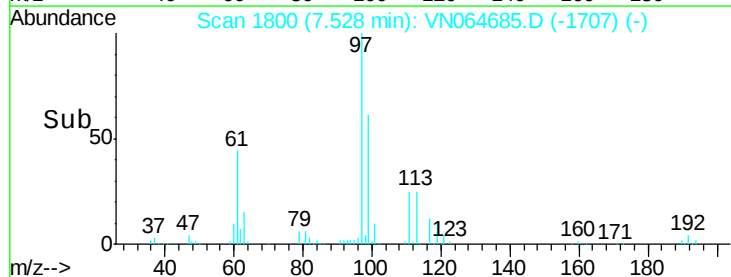
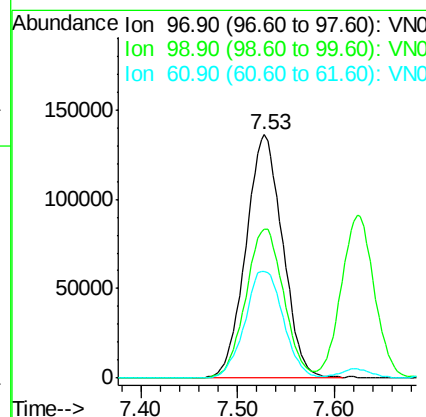
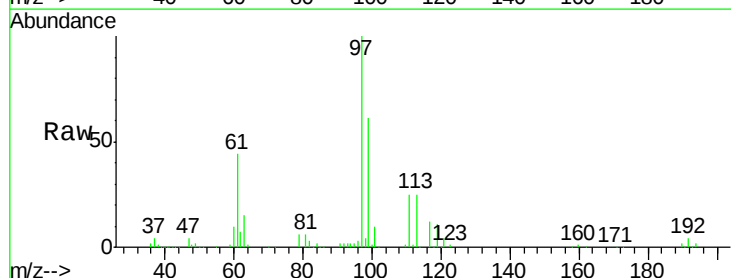
Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

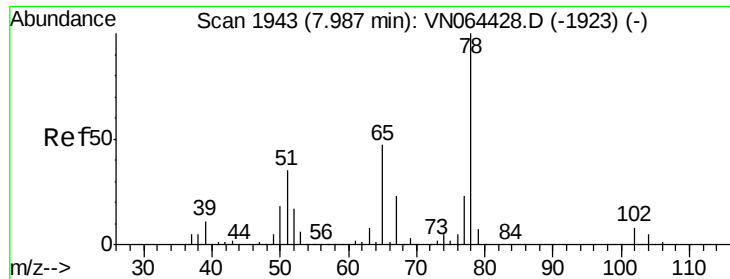
Tot Ion: 56 Resp: 288786
Ion Ratio Lower Upper
56 100
69 35.0 25.6 38.4
84 85.7 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 48.829 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 97 Resp: 359901
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 45.9 39.1 58.7

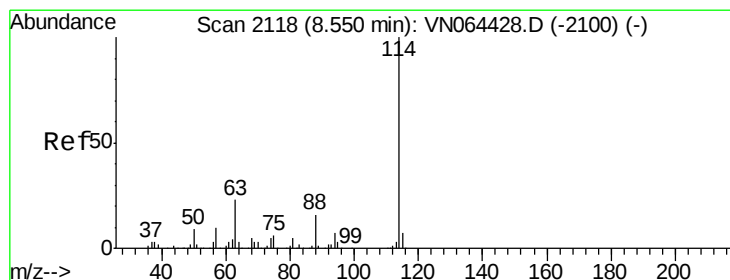
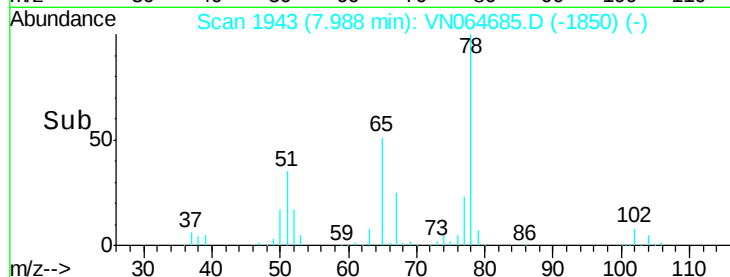
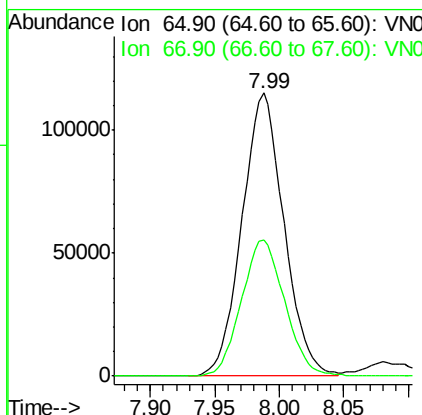
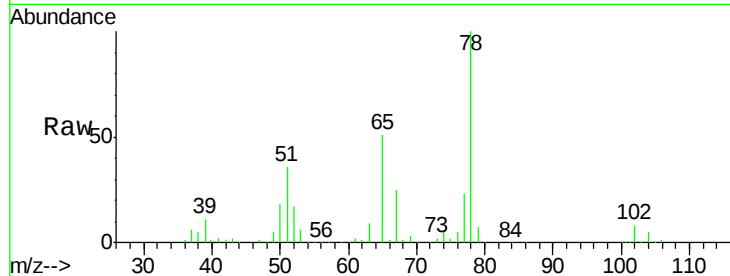




#33
 1,2-Dichloroethane-d4
 Concen: 46.263 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

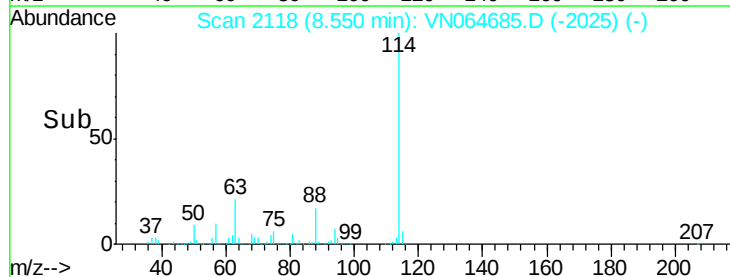
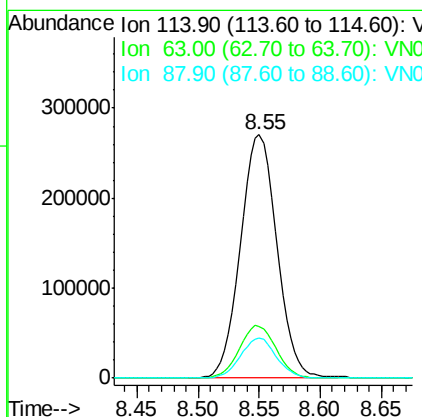
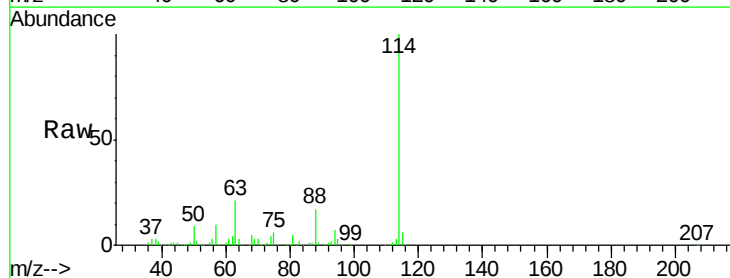
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

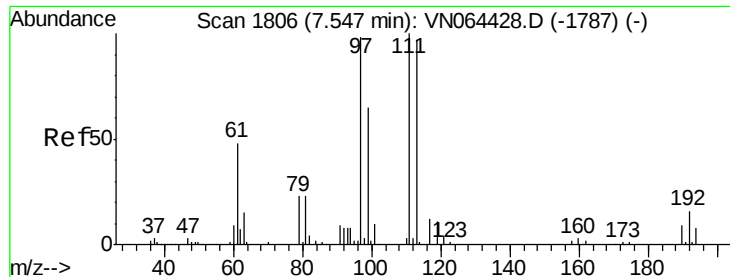
Tot Ion: 65 Resp: 261057
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion: 114 Resp: 558510
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.6
 88 16.5 0.0 32.8

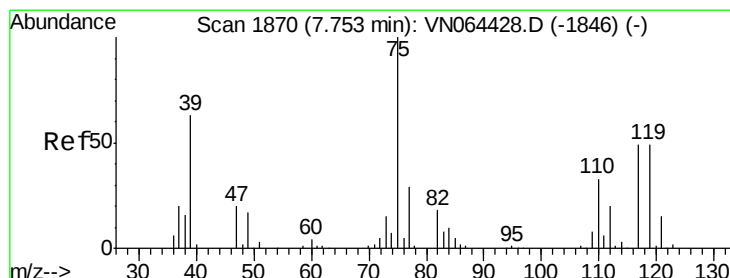
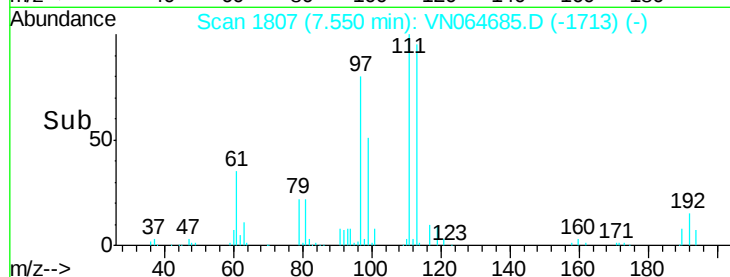
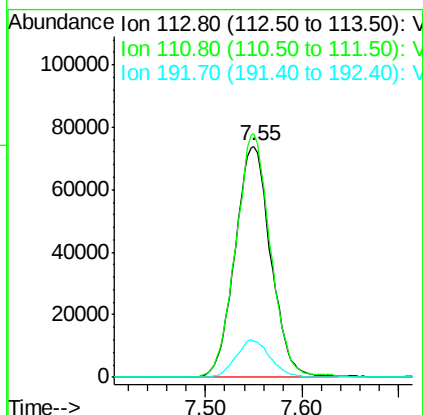
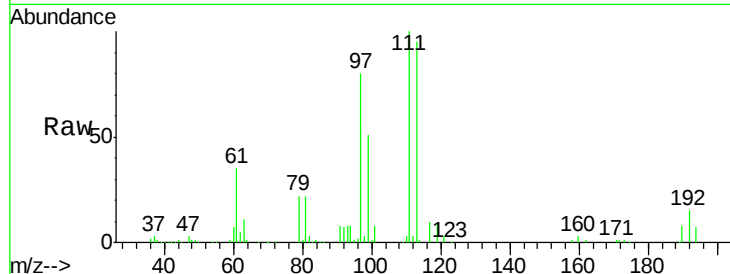




#35
 Dibromofluoromethane
 Concen: 49.793 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

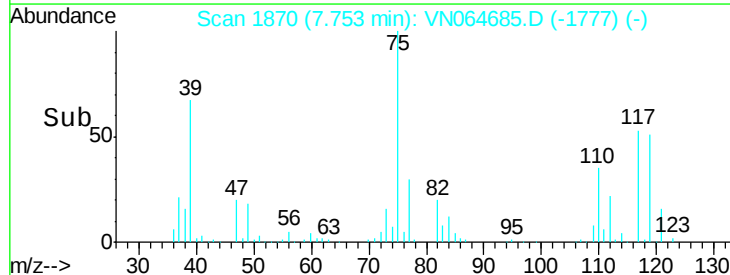
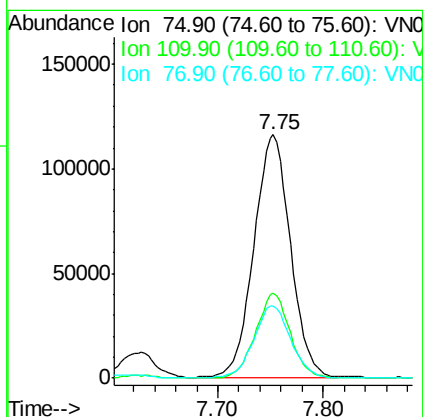
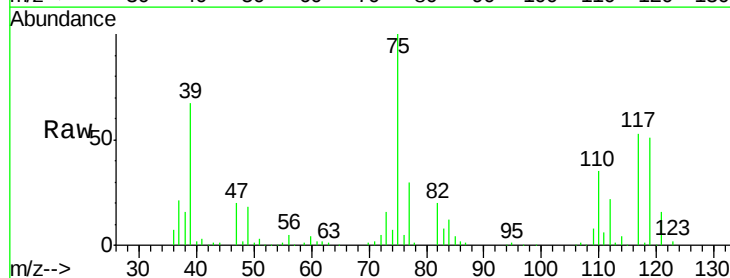
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

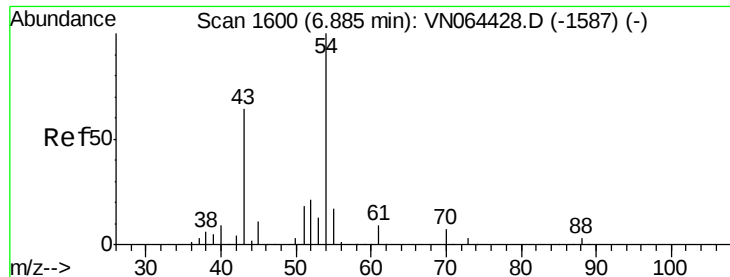
Tot Ion:113 Resp: 189348
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 15.5 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 47.434 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion: 75 Resp: 279870
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.0 48.0
 77 30.2 24.0 36.0

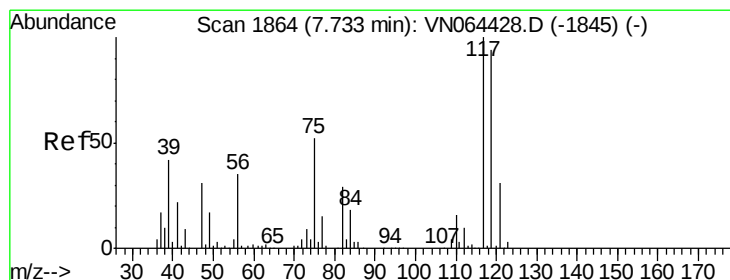
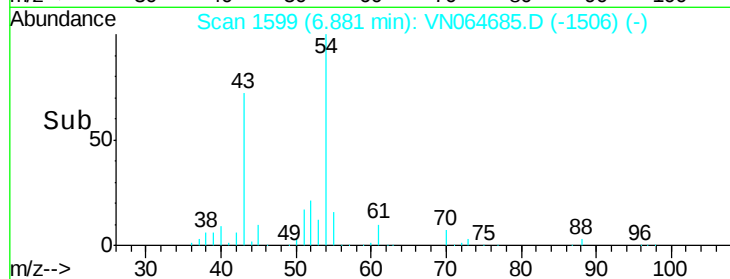
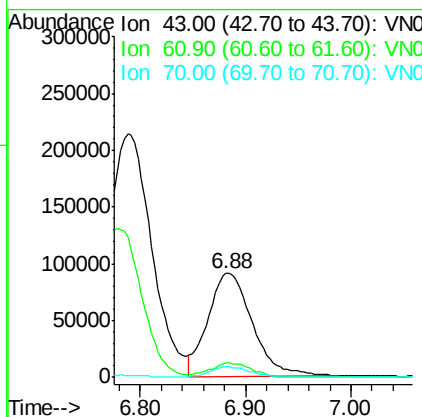
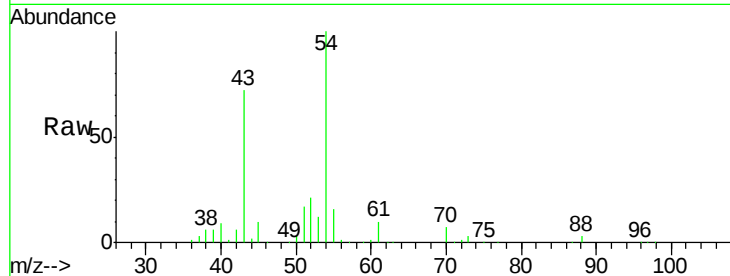




#37
Ethyl Acetate
Concen: 44.291 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

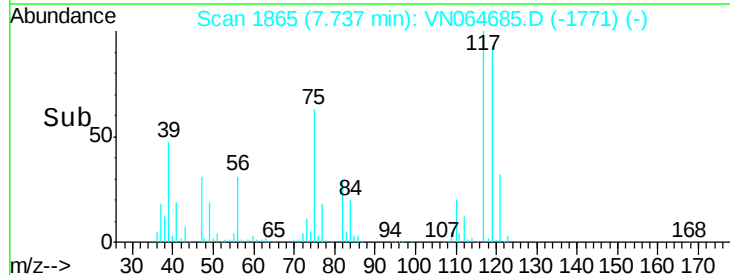
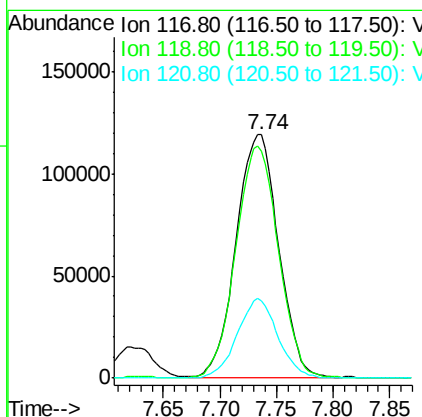
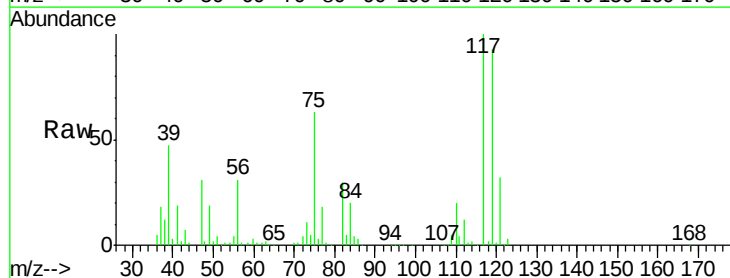
Instrument :
MSVOA_N
ClientSampled :
MW-4MSD

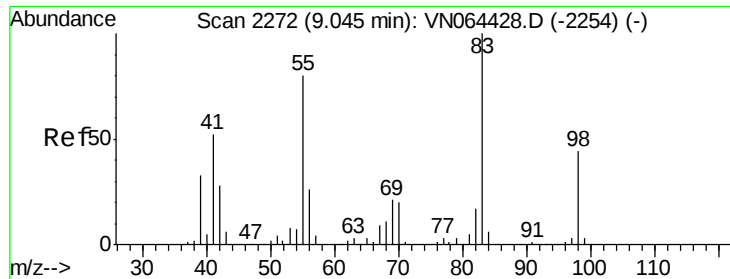
Tot Ion: 43 Resp: 264701
Ion Ratio Lower Upper
43 100
61 12.5 10.0 15.0
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 48.998 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 117 Resp: 308977
Ion Ratio Lower Upper
117 100
119 93.3 75.5 113.3
121 31.8 24.4 36.6

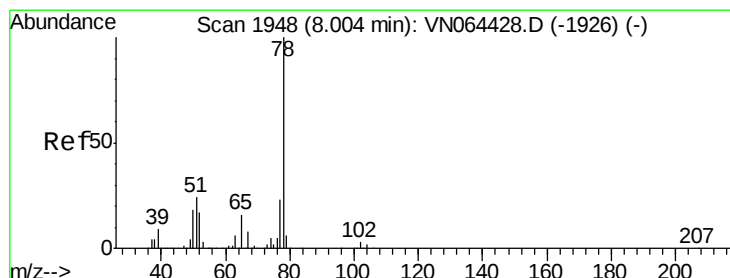
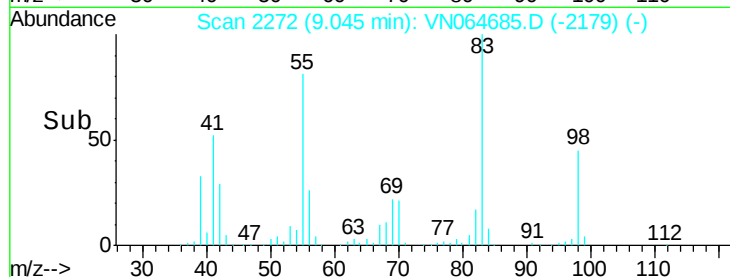
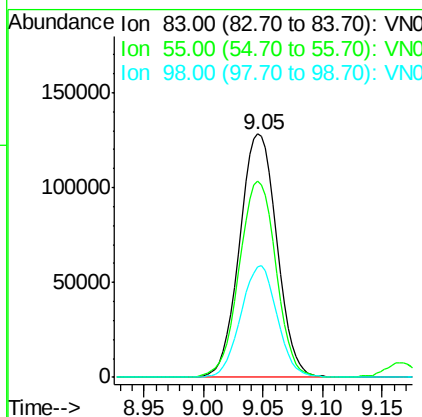
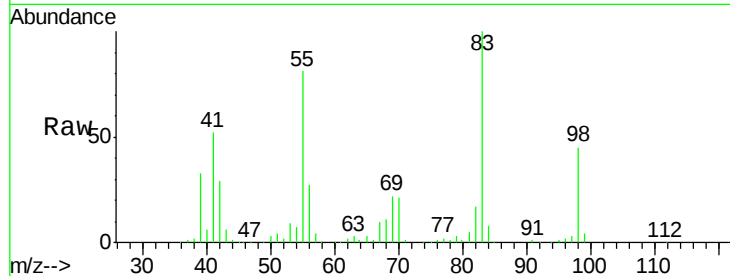




#39
Methvlcvclohexane
Concen: 52.643 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

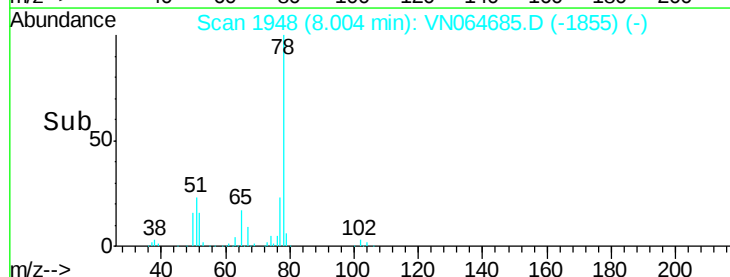
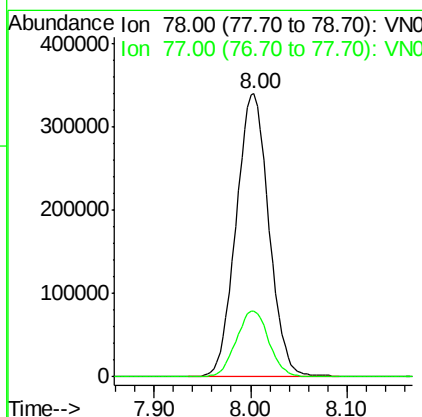
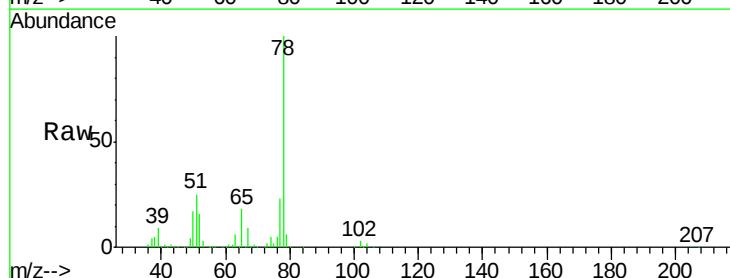
Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

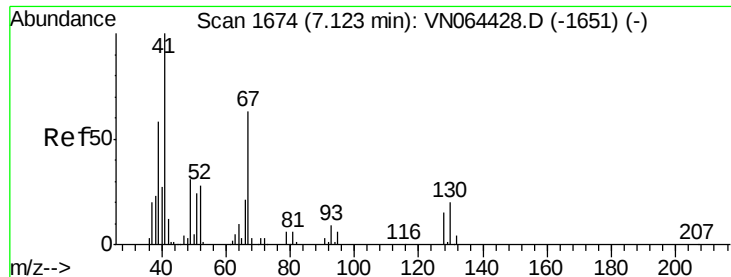
Tot Ion: 83 Resp: 278439
Ion Ratio Lower Upper
83 100
55 80.5 63.8 95.6
98 45.3 35.4 53.2



#40
Benzene
Concen: 46.274 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 78 Resp: 802302
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

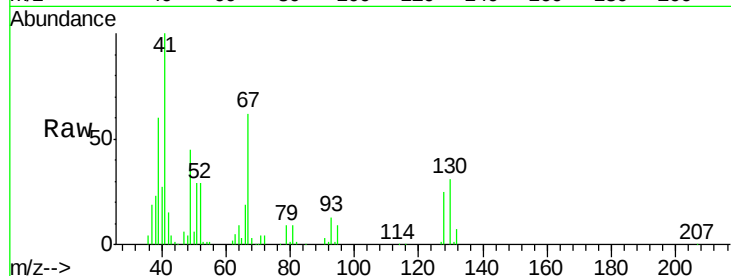




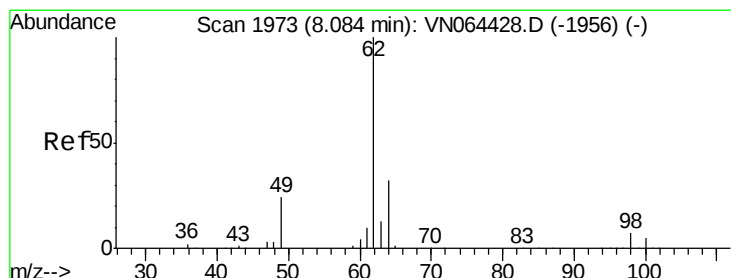
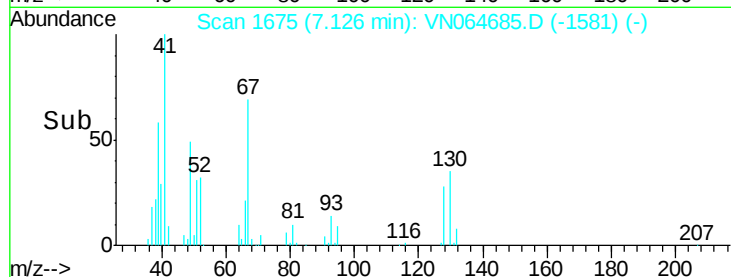
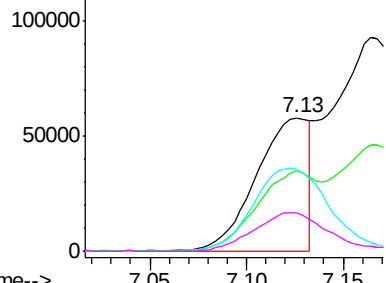
#41
Methacrylonitrile
Concen: 42.064 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Instrument :
MSVOA_N
ClientSampled :
MW-4MSD

Tot Ion:	41	Resp:	110033
Ion	Ratio	Lower	Upper
41	100		
39	69.3	50.0	75.0
67	92.0	68.3	102.5
52	40.4	32.7	49.1

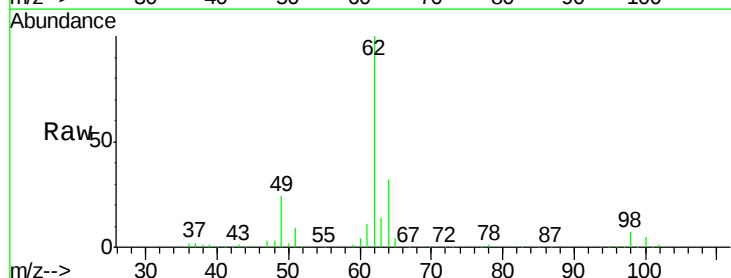


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

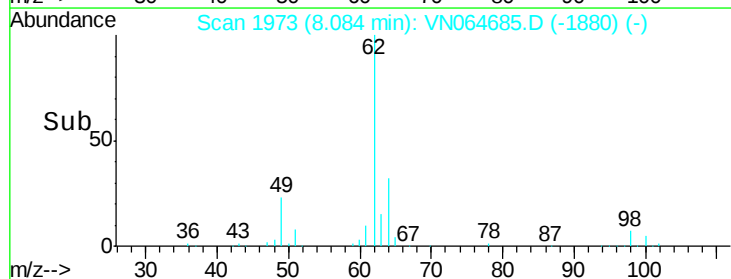
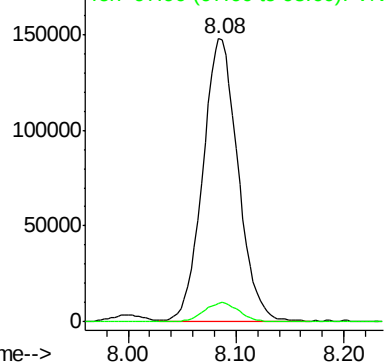


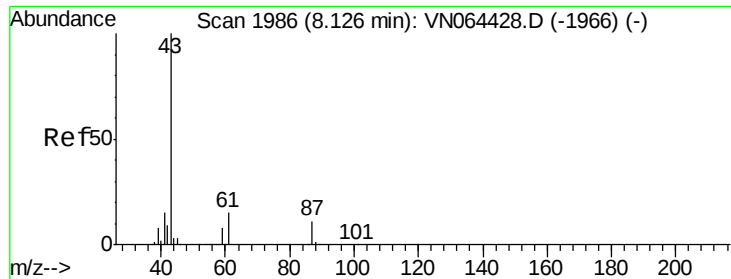
#42
1,2-Dichloroethane
Concen: 47.740 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion:	62	Resp:	334031
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	14.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 48.576 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4MSD

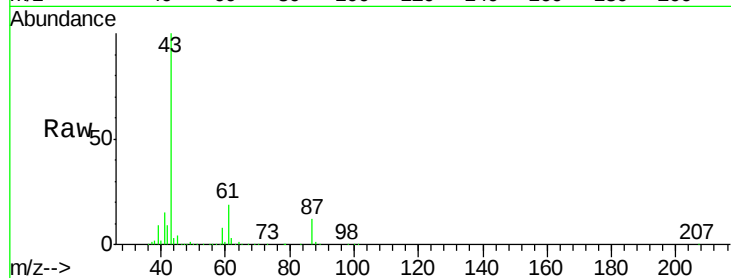
Tot Ion: 43 Resp: 464478

Ion Ratio Lower Upper

43 100

61 18.2 14.0 21.0

87 12.1 9.1 13.7

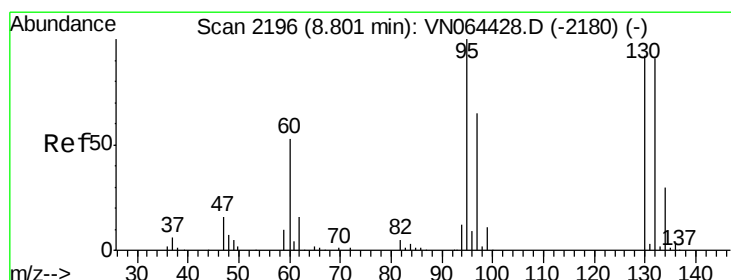
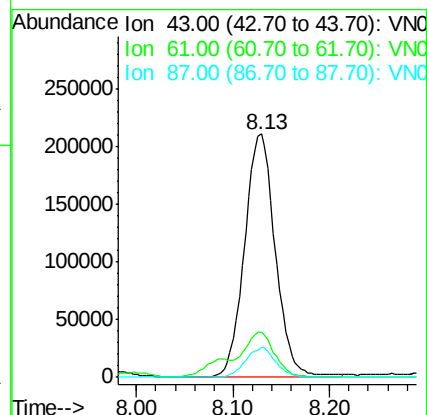
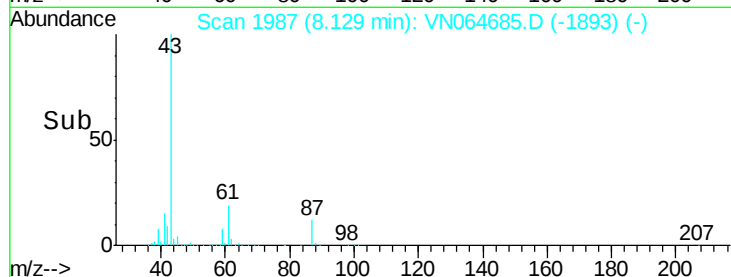


Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)

Time-->



#44

Trichloroethene

Concen: 46.908 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064685.D

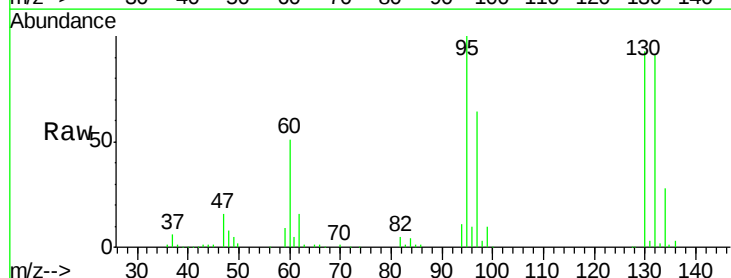
Acq: 17 Nov 2020 17:07

Tgt Ion:130 Resp: 205191

Ion Ratio Lower Upper

130 100

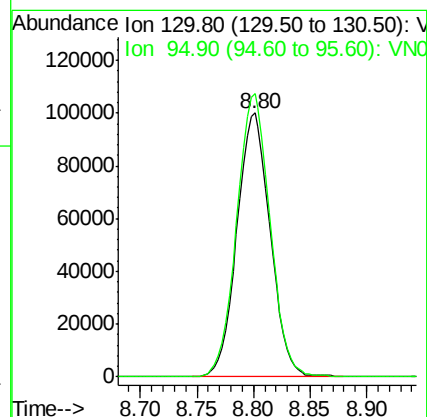
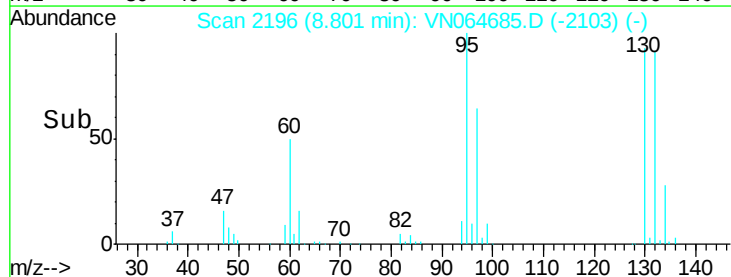
95 107.3 0.0 216.8

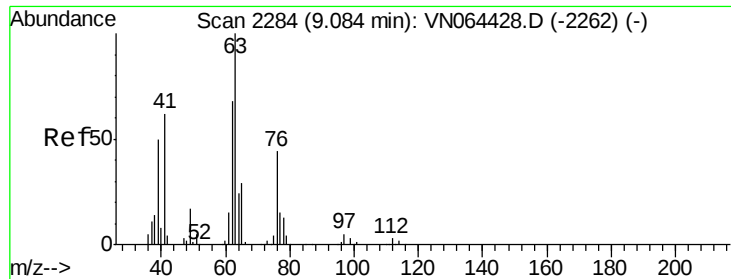


Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

Time-->

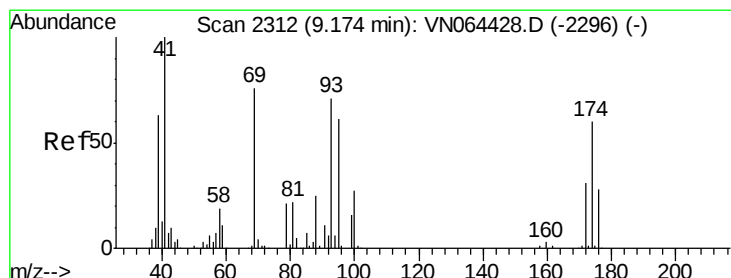
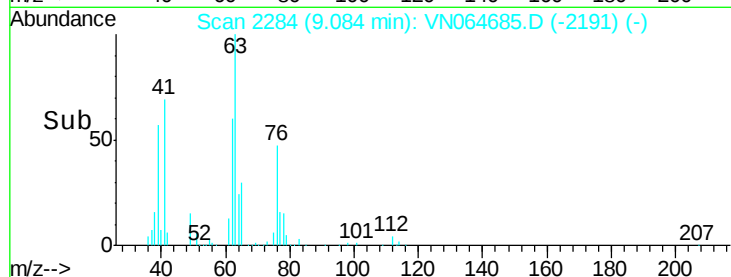
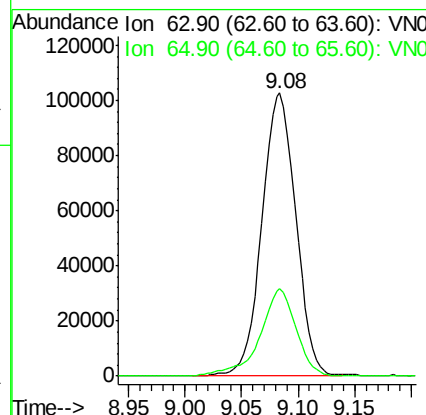
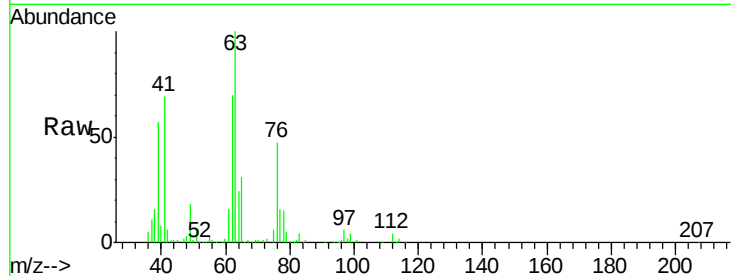




#45
 1,2-Dichloropropane
 Concen: 46.314 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

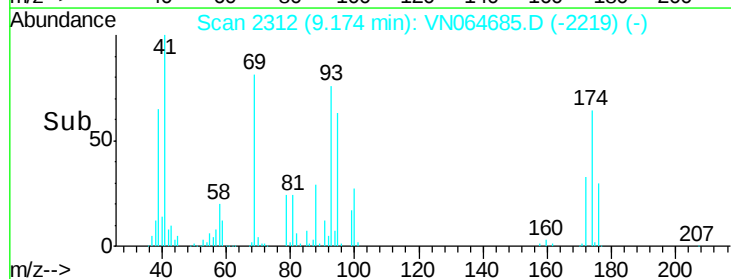
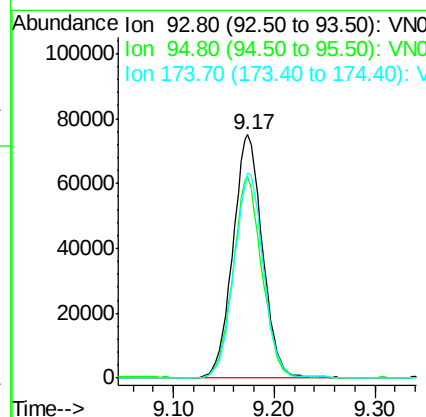
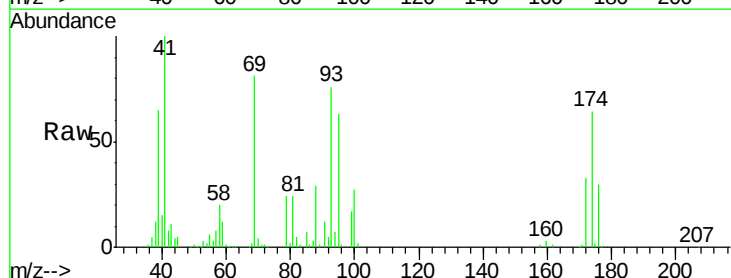
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

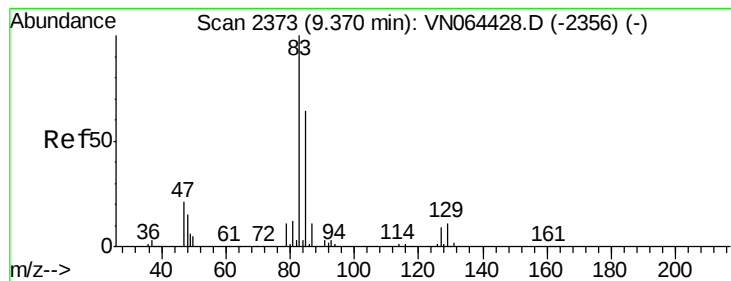
Tot Ion: 63 Resp: 214255
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.6 35.4



#46
 Dibromomethane
 Concen: 50.359 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion: 93 Resp: 153361
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.4 99.6
 174 82.8 67.2 100.8





#47

Bromodichloromethane

Concen: 49.533 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4MSD

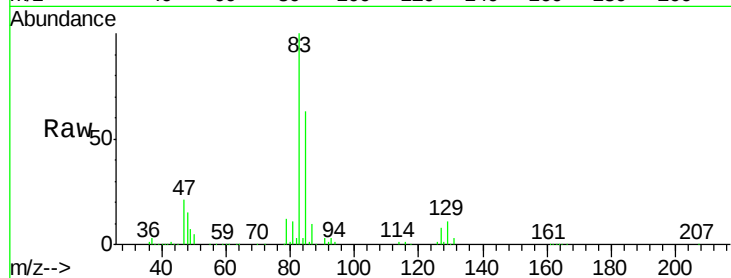
Tot Ion: 83 Resp: 324351

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

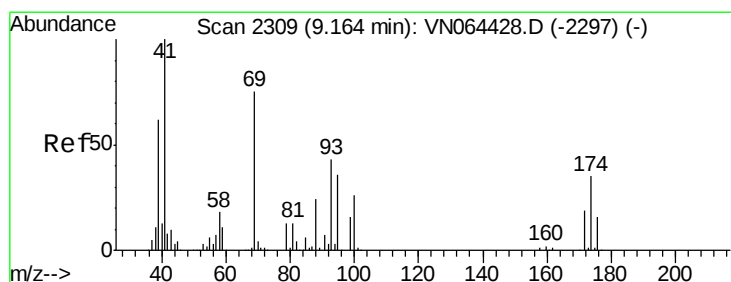
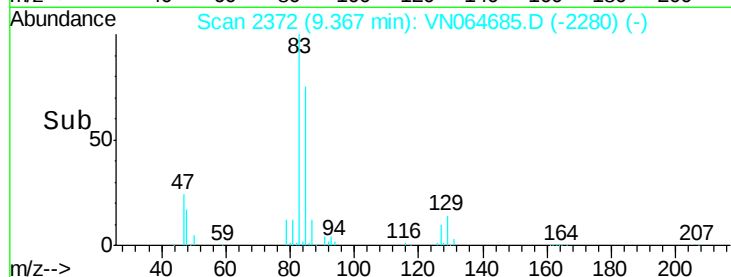
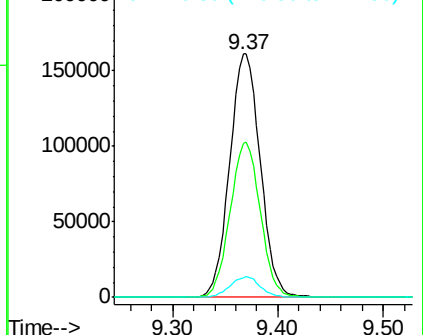
127 8.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064685.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064685.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064685.D (-2280) (-)



#48

Methyl methacrylate

Concen: 48.681 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

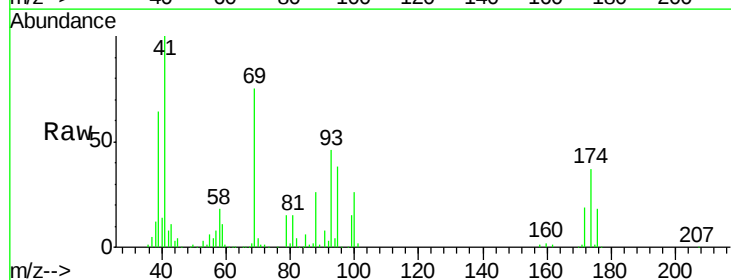
Tgt Ion: 41 Resp: 234884

Ion Ratio Lower Upper

41 100

69 76.3 60.4 90.6

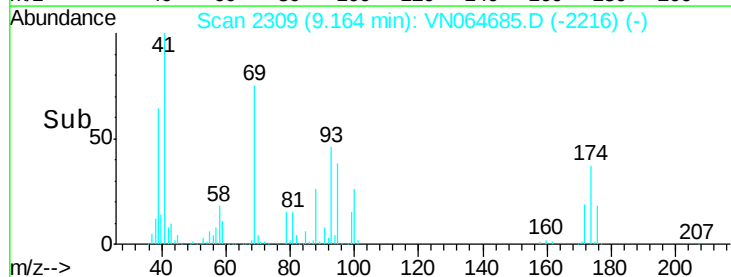
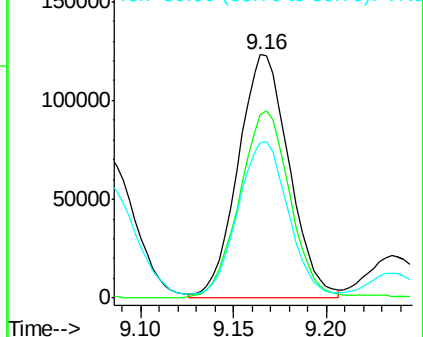
39 63.7 51.2 76.8

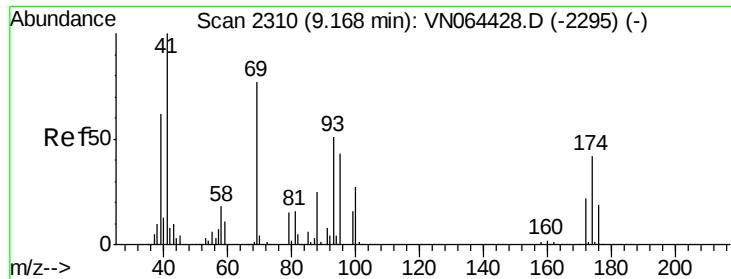


Abundance Ion 41.00 (40.70 to 41.70): VN064685.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064685.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064685.D (-2216) (-)

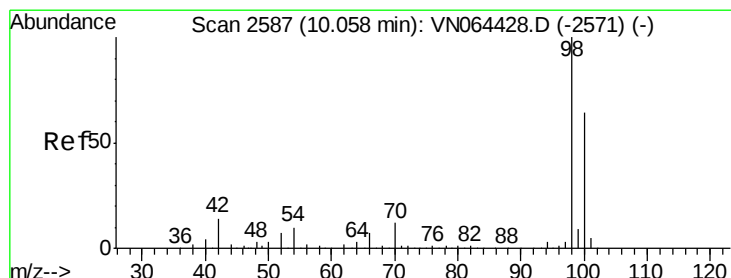
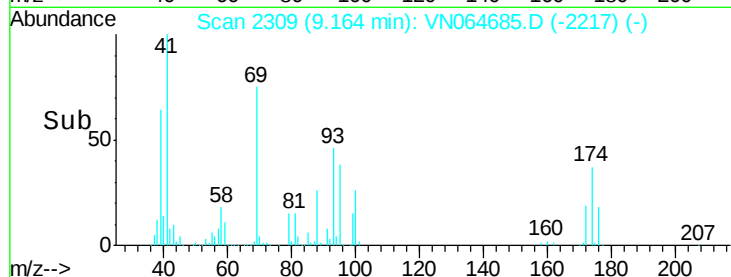
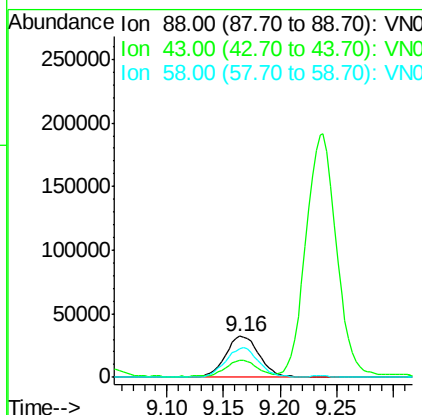
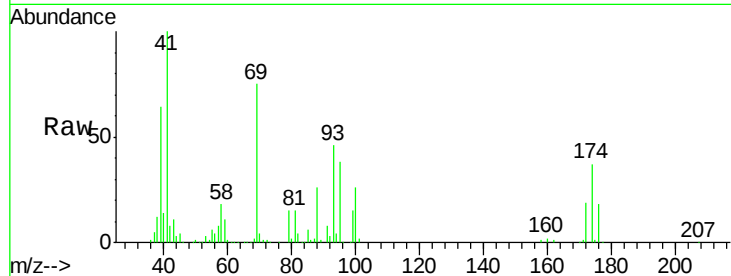




#49
 1,4-Dioxane
 Concen: 1063.501 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

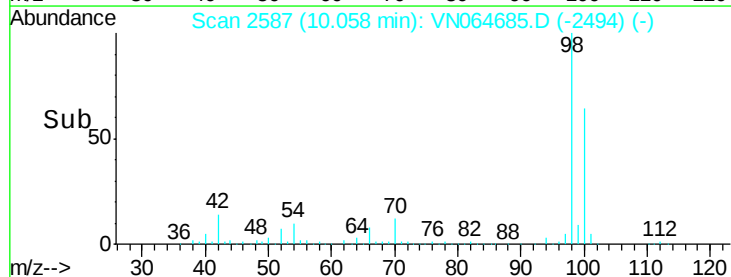
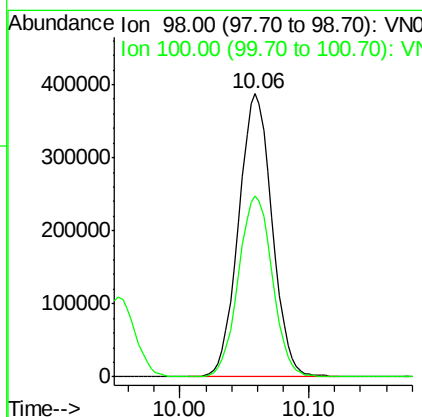
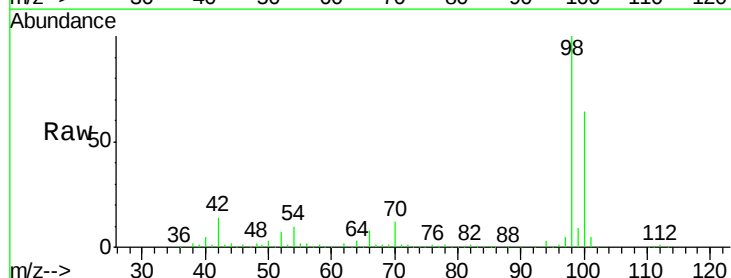
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4MSD

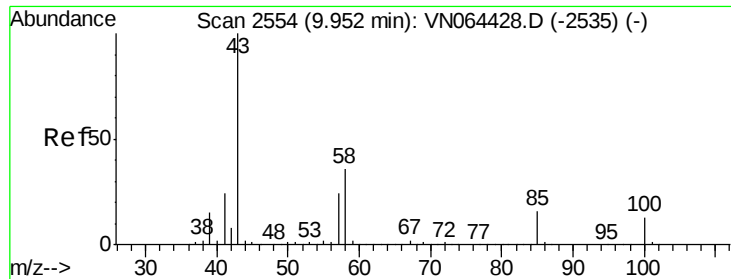
Tot Ion: 88 Resp: 67587
 Ion Ratio Lower Upper
 88 100
 43 37.7 31.0 46.6
 58 70.2 58.4 87.6



#50
 Toluene-d8
 Concen: 47.611 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion: 98 Resp: 699759
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 260.535 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

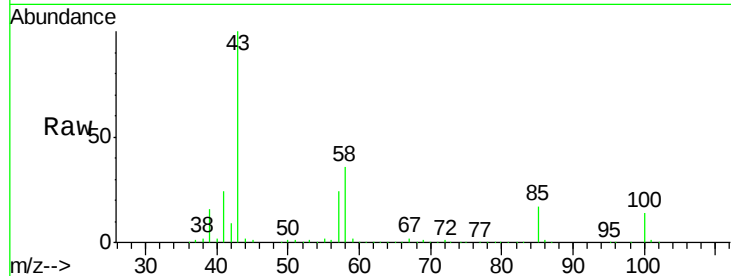
MW-4MSD

Tot Ion: 43 Resp: 1452801

Ion Ratio Lower Upper

43 100

58 36.2 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

800000

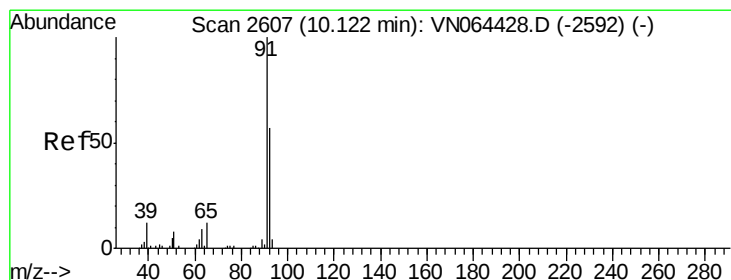
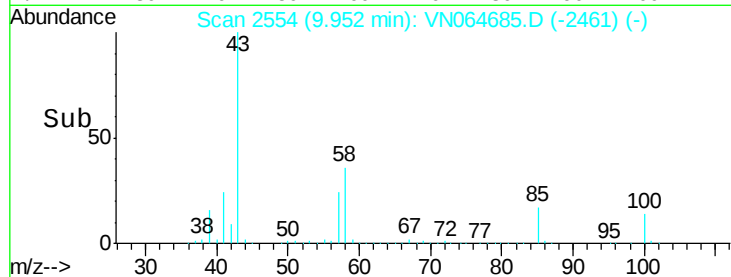
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.012 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064685.D

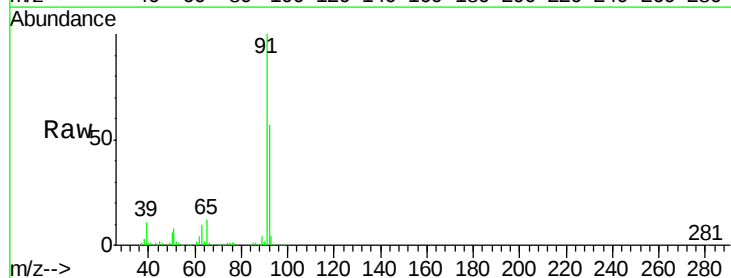
Acq: 17 Nov 2020 17:07

Tgt Ion: 92 Resp: 507710

Ion Ratio Lower Upper

92 100

91 175.9 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.12

500000

400000

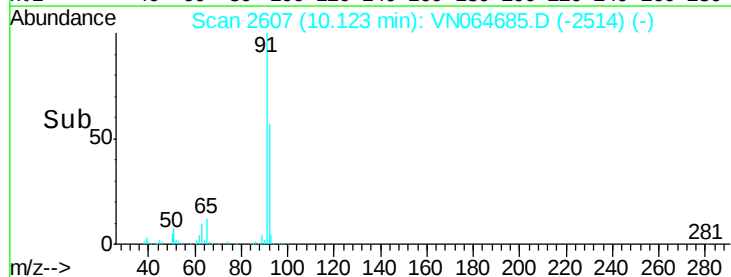
300000

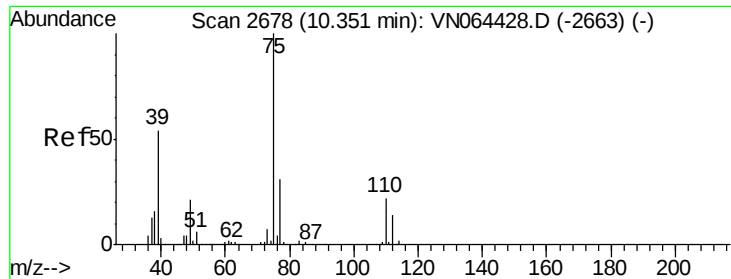
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.116 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

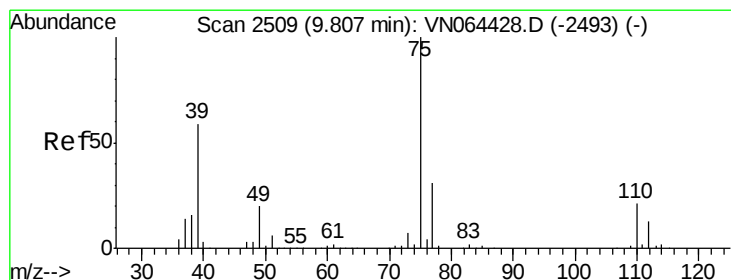
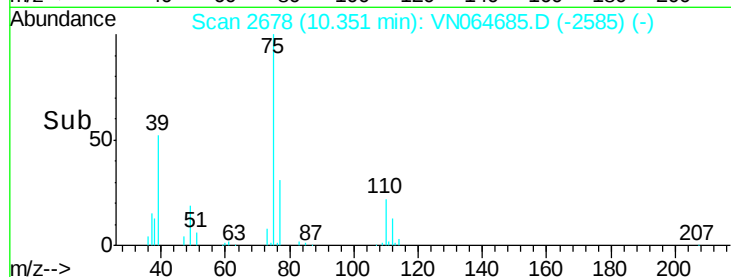
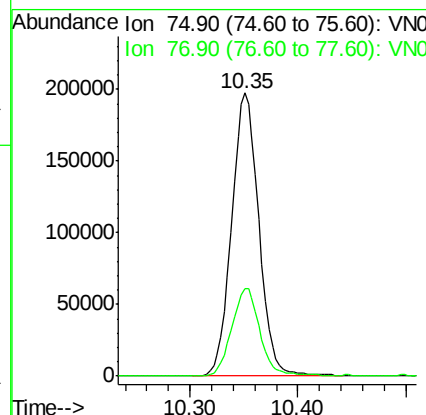
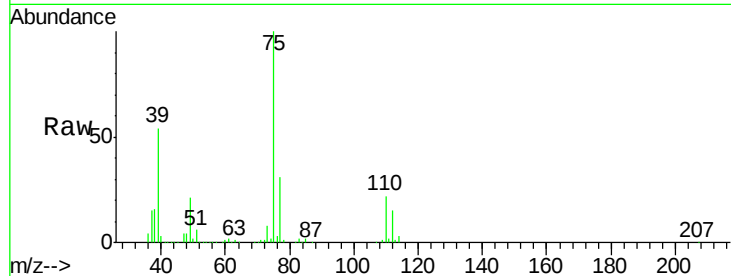
MW-4MSD

Tot Ion: 75 Resp: 347913

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 46.972 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

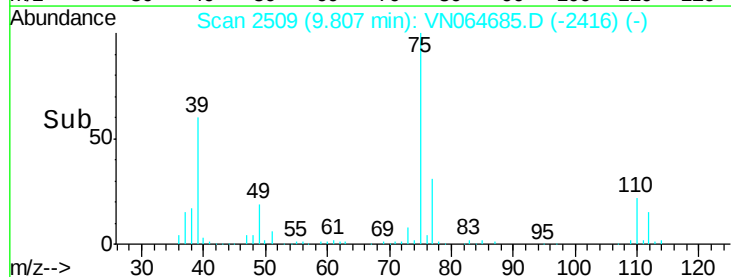
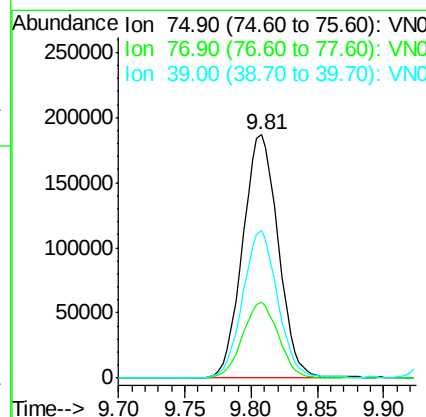
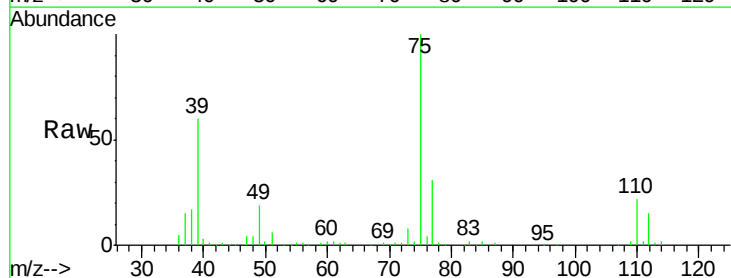
Tgt Ion: 75 Resp: 348645

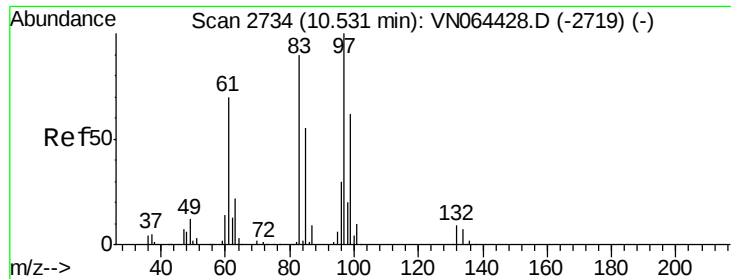
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 60.3 47.1 70.7



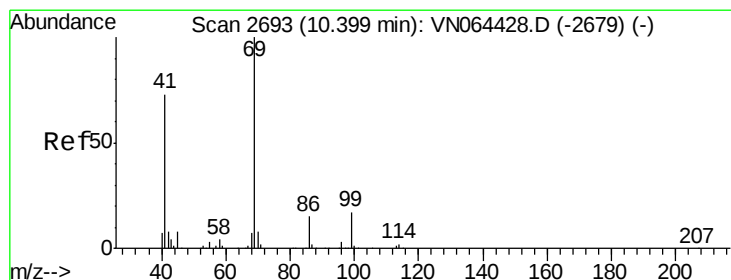
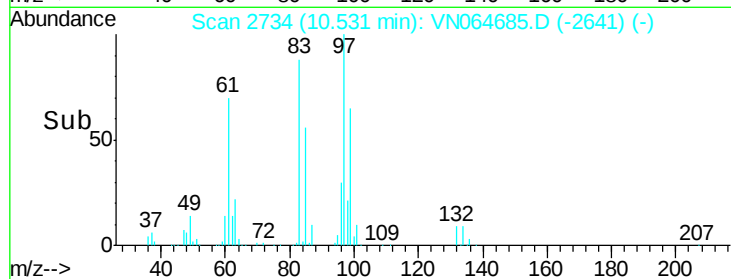
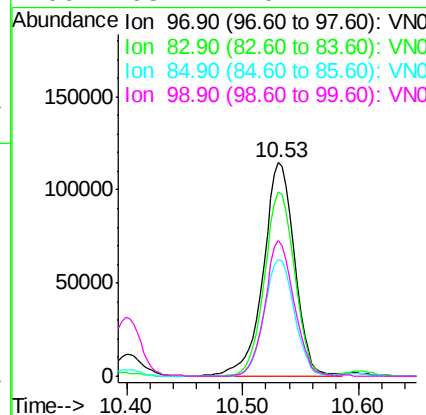
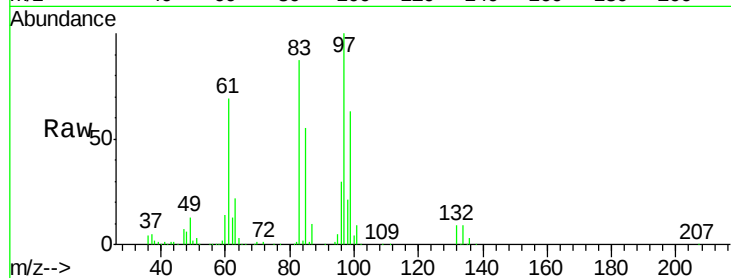


#55
 1,1,2-Trichloroethane
 Concen: 52.246 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

Tot Ion: 97 Resp: 215465

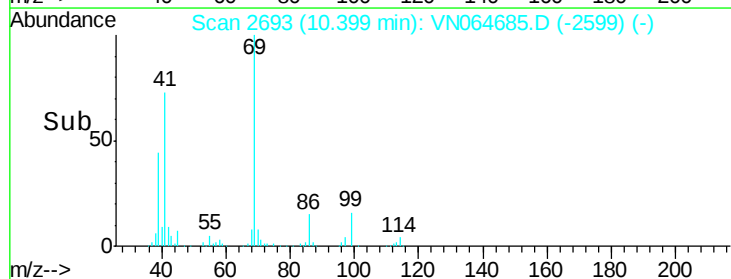
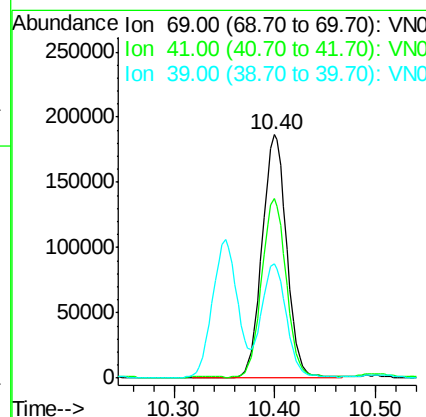
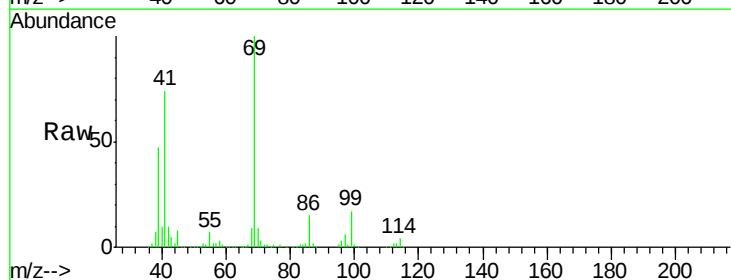
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.7	107.5
85	54.8	44.3	66.5
99	63.1	49.4	74.2

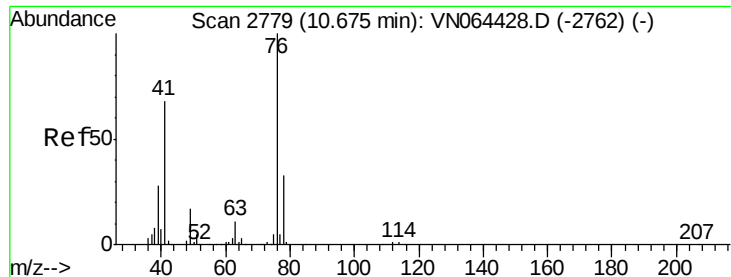


#56
 Ethyl methacrylate
 Concen: 46.539 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion: 69 Resp: 314884

Ion	Ratio	Lower	Upper
69	100		
41	72.9	59.3	88.9
39	47.5	35.4	53.0

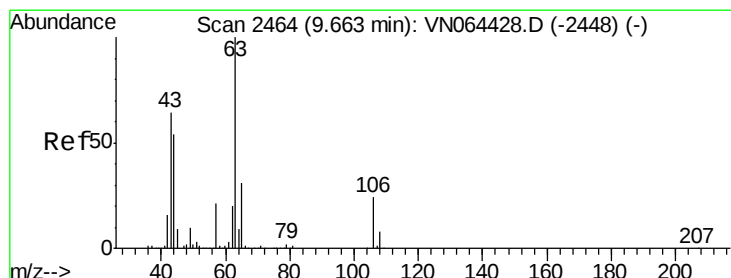
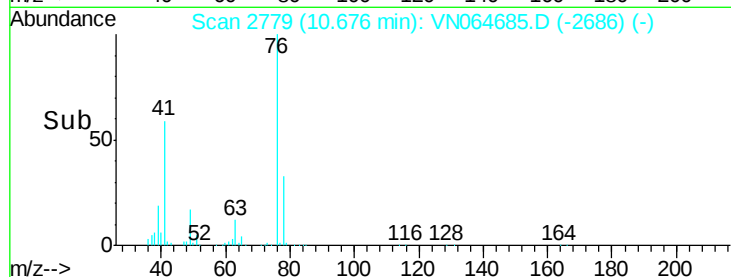
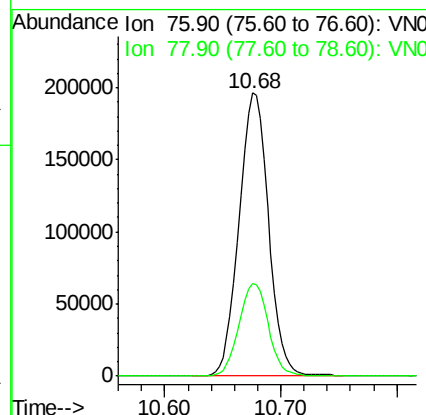
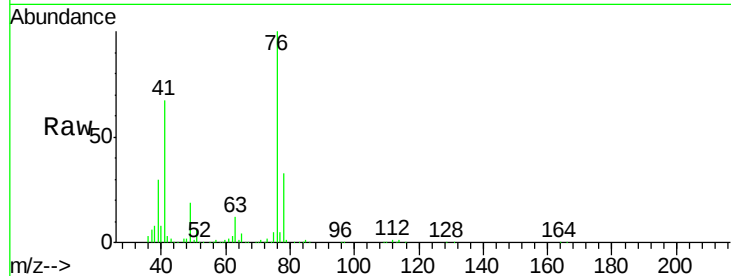




#57
 1,3-Dichloropropane
 Concen: 48.153 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

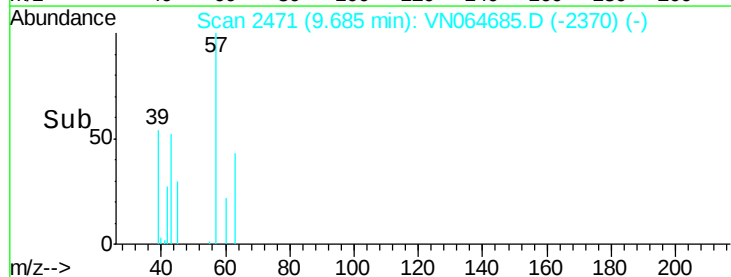
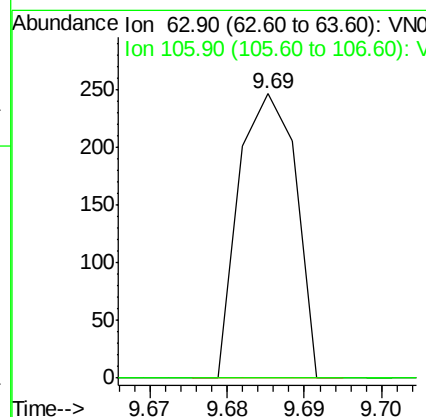
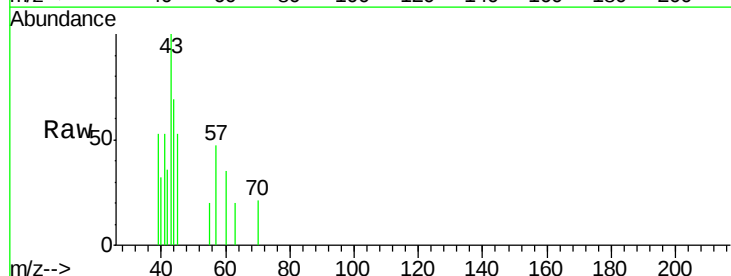
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

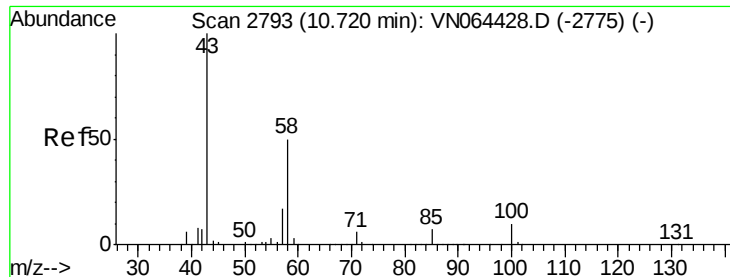
Tot Ion: 76 Resp: 346627
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.574 ug/l
 RT: 9.69 min Scan# 2471
 Delta R.T. 0.02 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion: 63 Resp: 126
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.5 29.3#

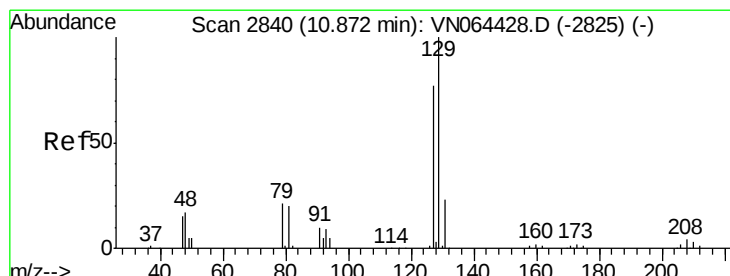
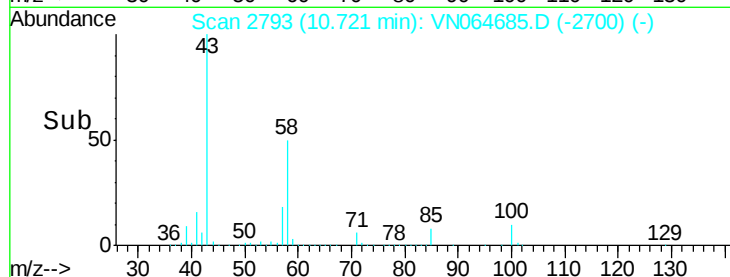
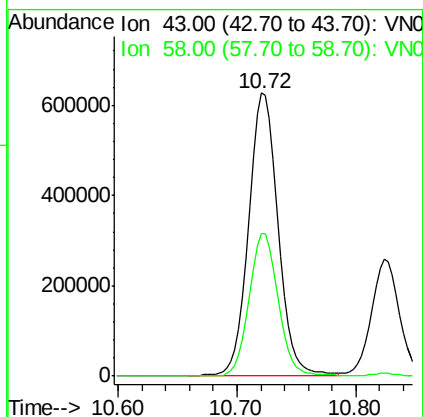
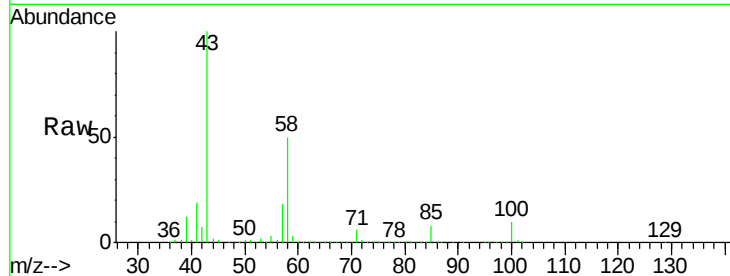




#59
2-Hexanone
Concen: 236.814 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

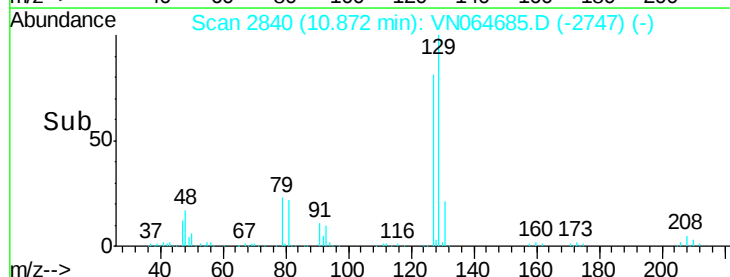
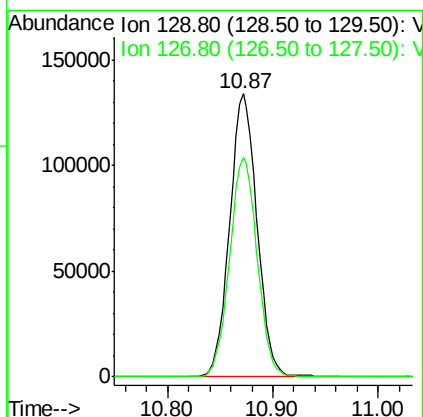
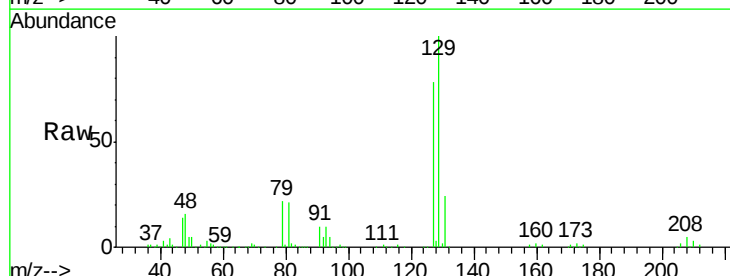
Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

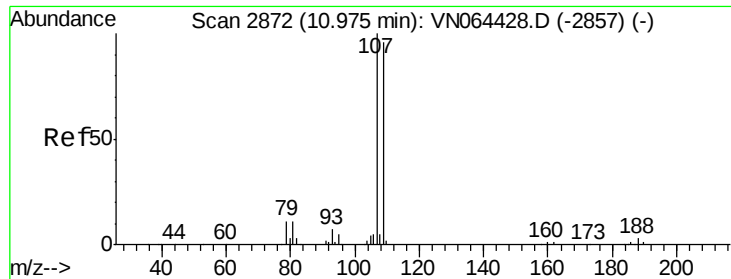
Tot Ion: 43 Resp: 1075828
Ion Ratio Lower Upper
43 100
58 50.0 24.7 74.1



#60
Dibromochloromethane
Concen: 52.004 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 129 Resp: 240122
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7

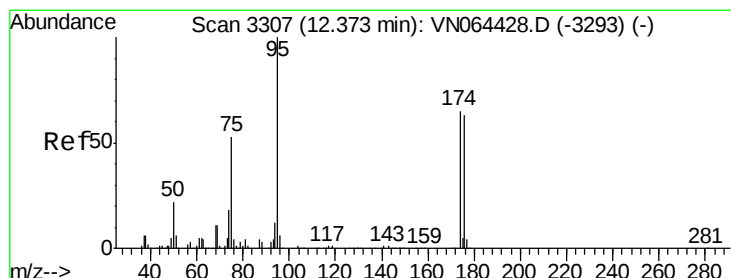
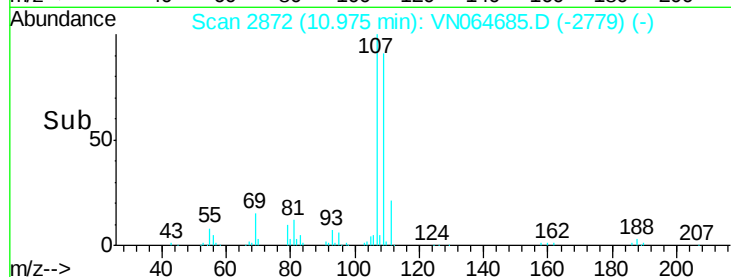
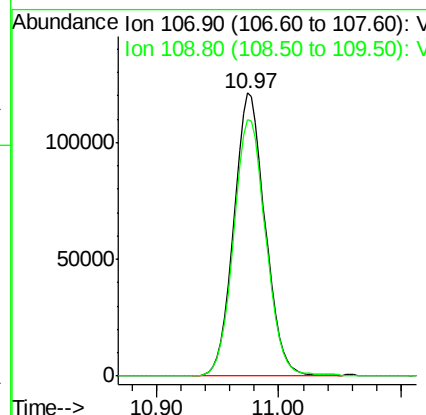
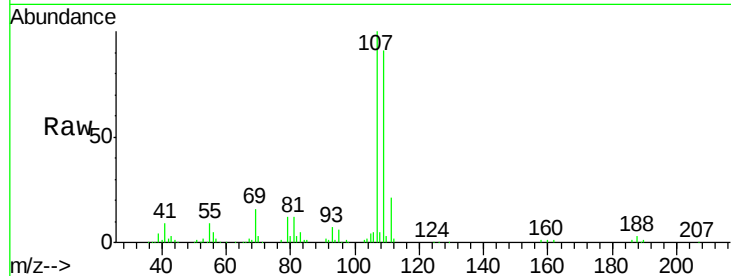




#61
 1,2-Dibromoethane
 Concen: 51.814 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

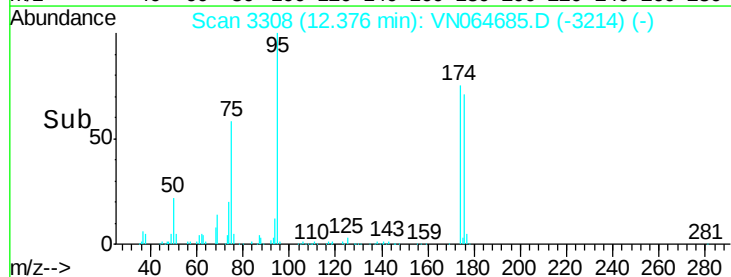
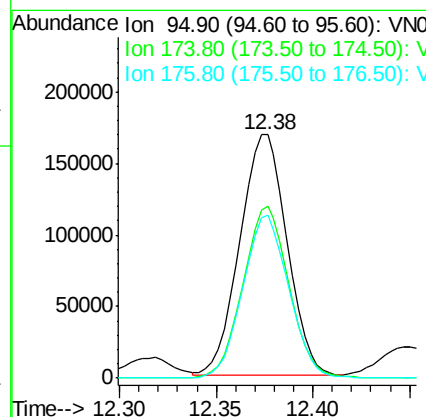
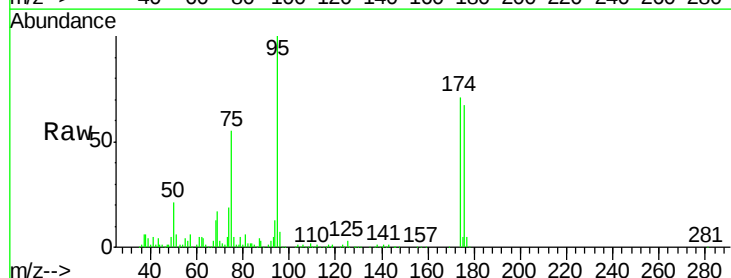
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

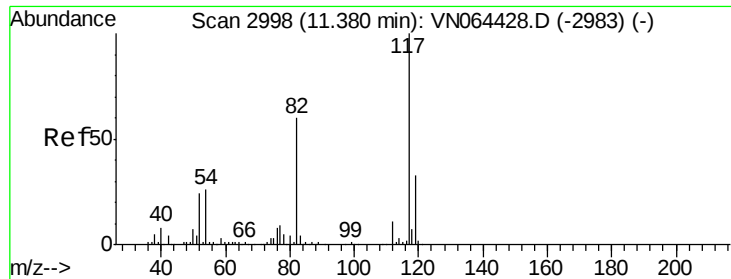
Tot Ion: 107 Resp: 216746
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 51.094 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion: 95 Resp: 284001
 Ion Ratio Lower Upper
 95 100
 174 70.0 0.0 132.6
 176 66.4 0.0 129.2

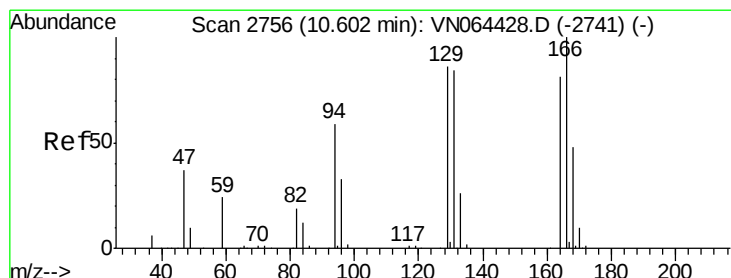
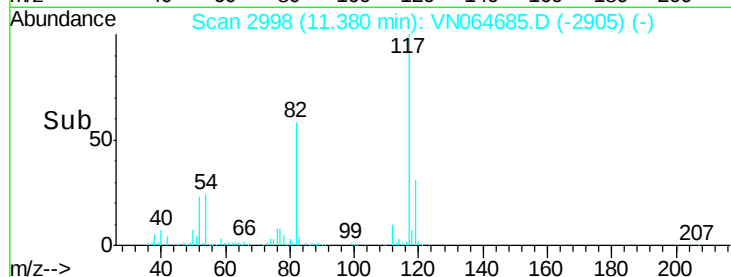
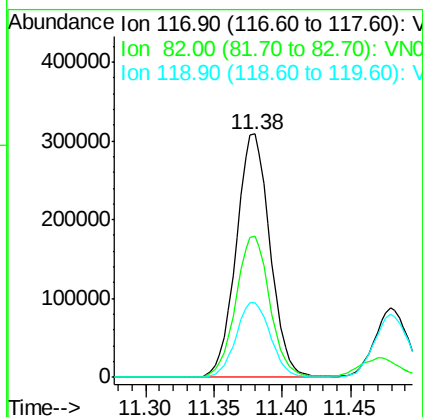
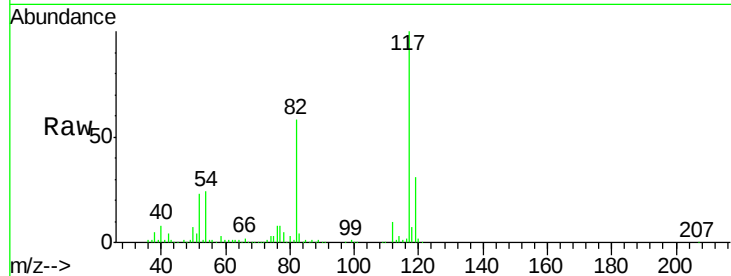




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

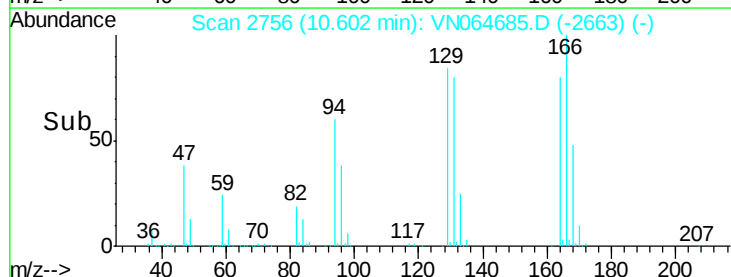
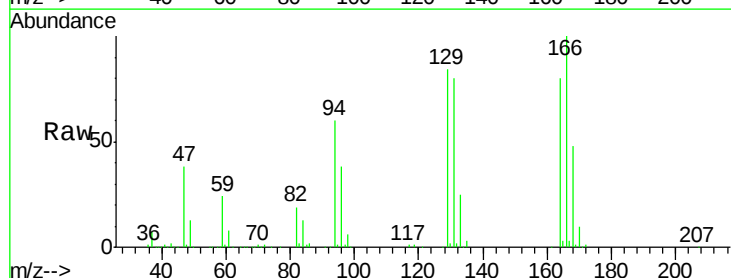
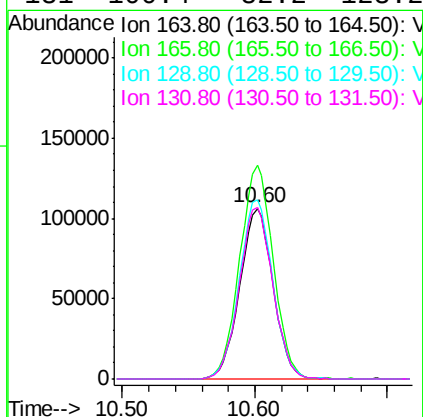
Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

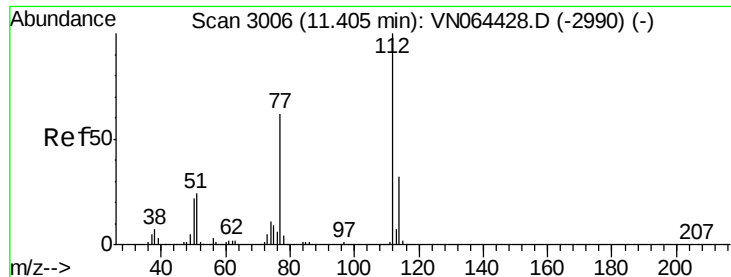
Tot Ion:117 Resp: 532754
Ion Ratio Lower Upper
117 100
82 57.9 48.1 72.1
119 30.6 26.2 39.4



#64
Tetrachloroethene
Concen: 45.011 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion:164 Resp: 184716
Ion Ratio Lower Upper
164 100
166 125.4 98.2 147.2
129 105.6 84.6 127.0
131 100.4 82.2 123.2

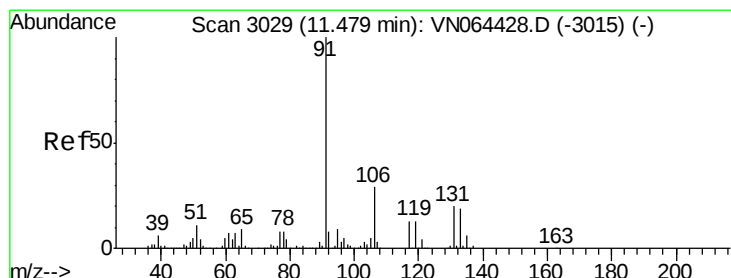
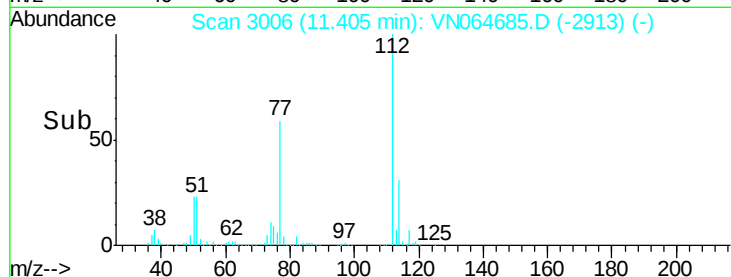
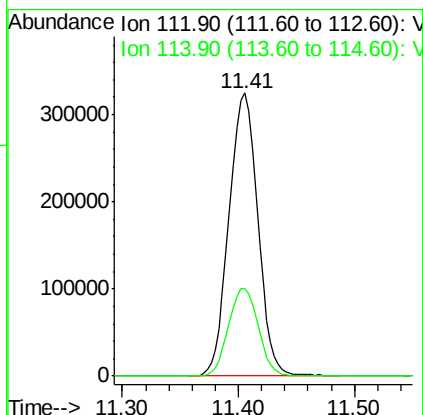
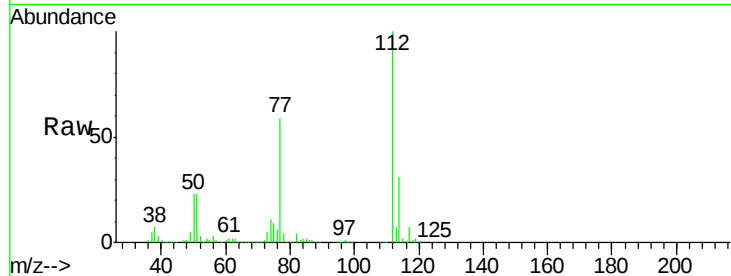




#65
Chlorobenzene
Concen: 47.871 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

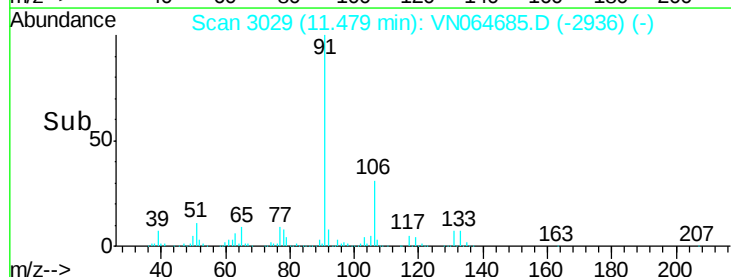
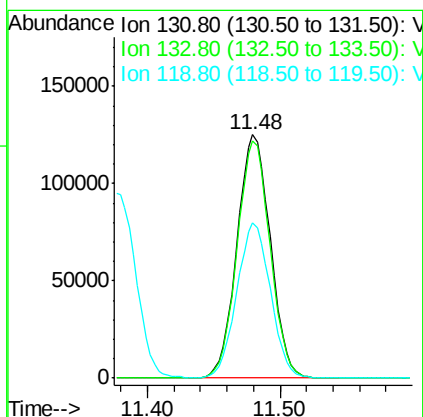
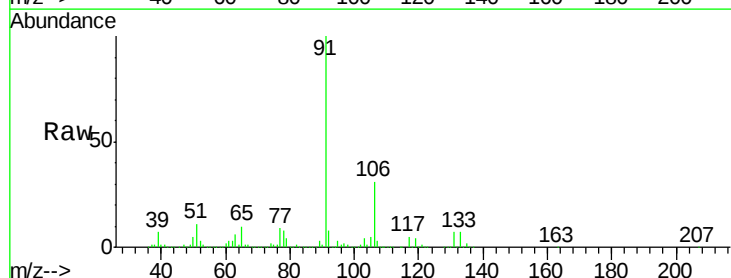
Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

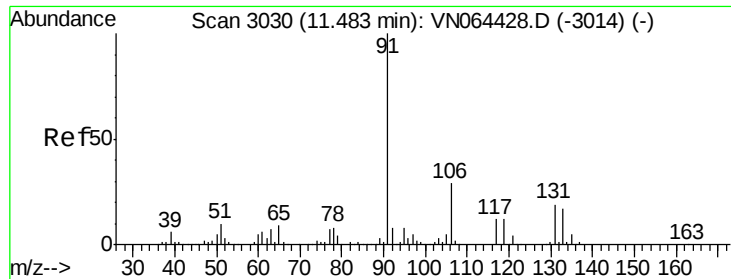
Tot Ion:112 Resp: 559091
Ion Ratio Lower Upper
112 100
114 31.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.187 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion:131 Resp: 218667
Ion Ratio Lower Upper
131 100
133 96.4 46.9 140.7
119 63.9 32.1 96.5

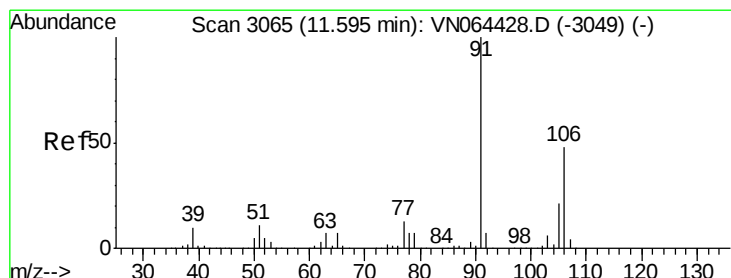
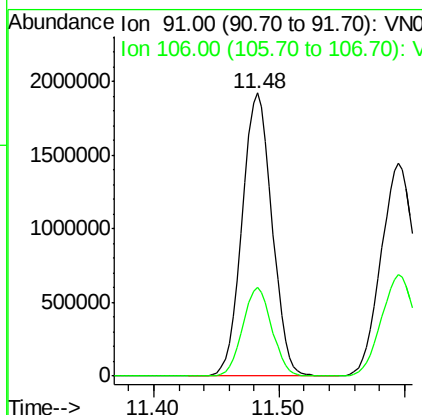
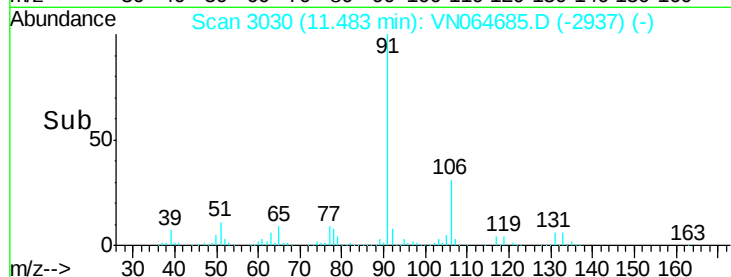
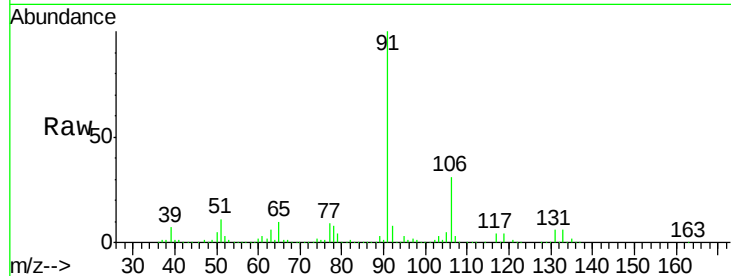




#67
Ethyl Benzene
Concen: 152.943 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

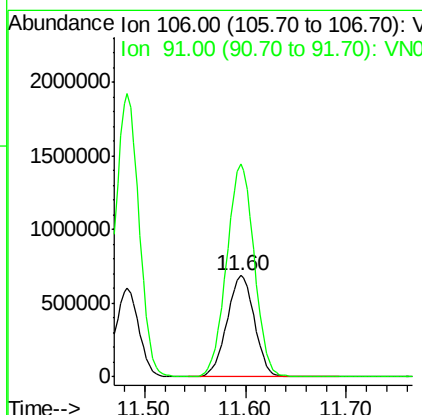
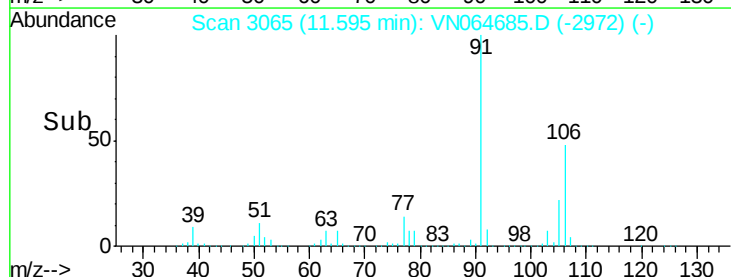
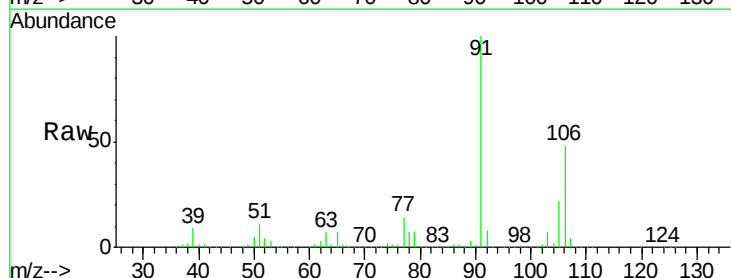
Instrument :
MSVOA_N
ClientSampled :
MW-4MSD

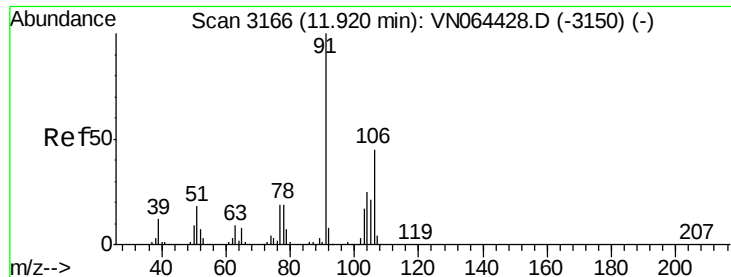
Tot Ion: 91 Resp: 3177249
Ion Ratio Lower Upper
91 100
106 31.2 23.6 35.4



#68
m/p-Xylenes
Concen: 173.283 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion: 106 Resp: 1305509
Ion Ratio Lower Upper
106 100
91 211.3 169.4 254.2

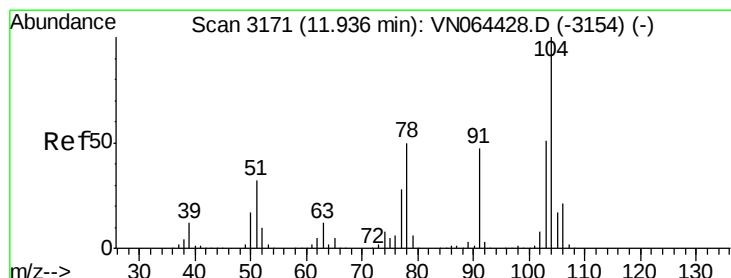
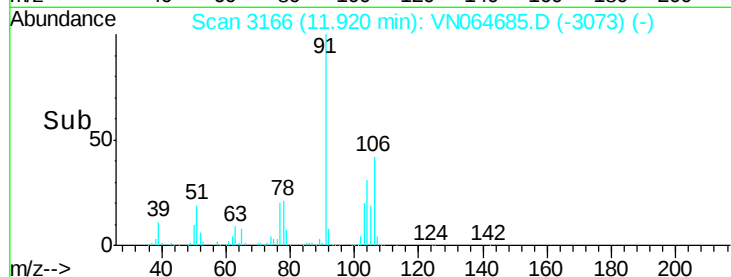
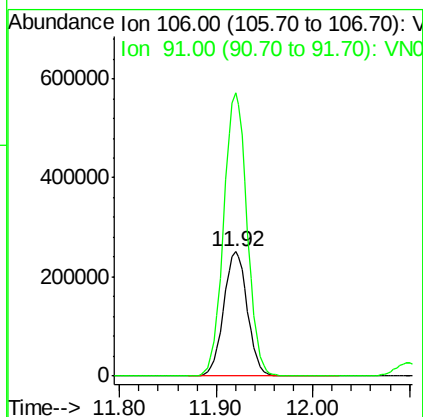
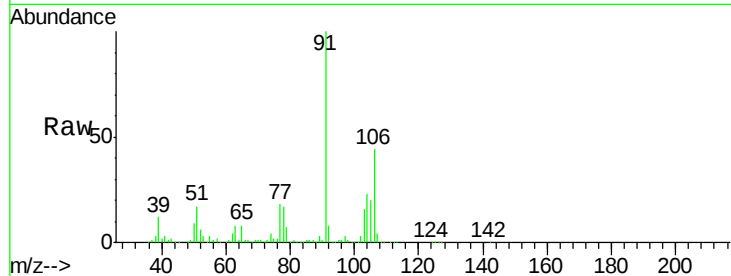




#69
o-Xylene
Concen: 58.635 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

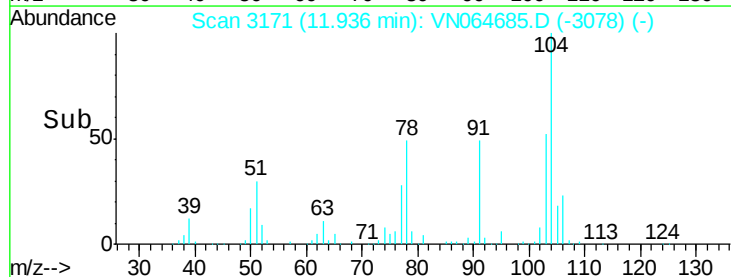
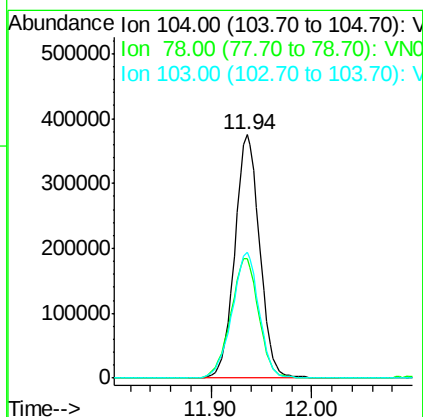
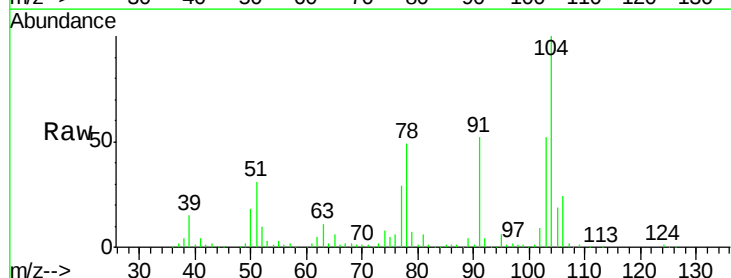
Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

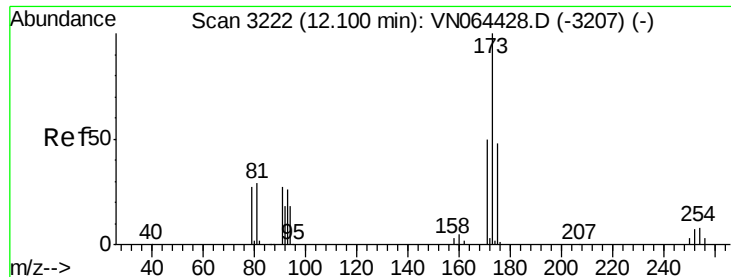
Tot Ion:106 Resp: 426873
Ion Ratio Lower Upper
106 100
91 223.9 111.7 334.9



#70
Styrene
Concen: 52.488 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion:104 Resp: 643014
Ion Ratio Lower Upper
104 100
78 55.3 44.0 66.0
103 56.0 43.8 65.6





#71

Bromoform

Concen: 48.105 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4MSD

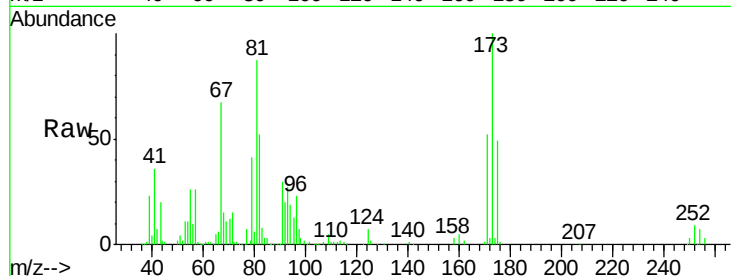
Tot Ion:173 Resp: 157216

Ion Ratio Lower Upper

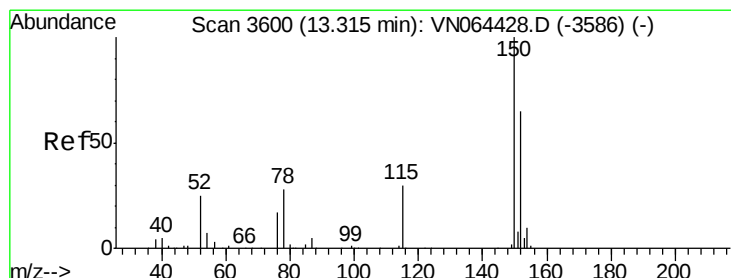
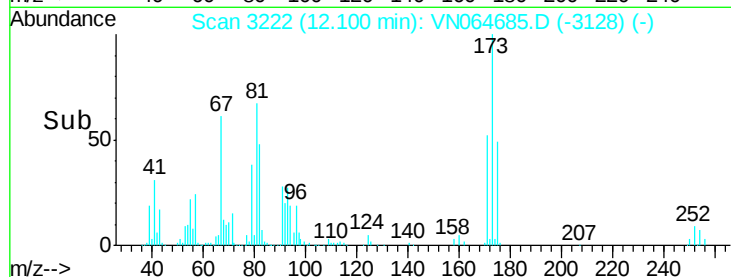
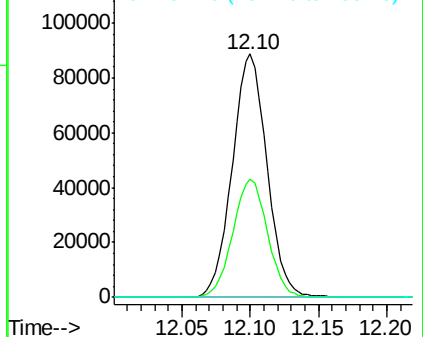
173 100

175 48.5 23.7 71.1

254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

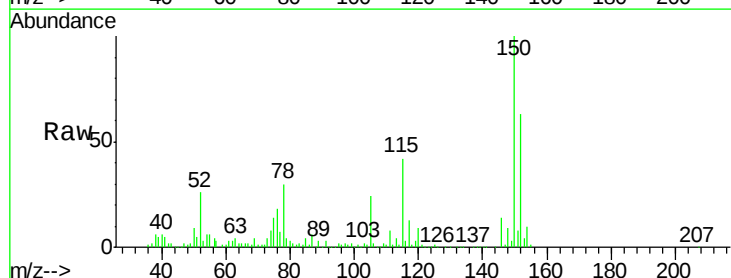
Tgt Ion:152 Resp: 282888

Ion Ratio Lower Upper

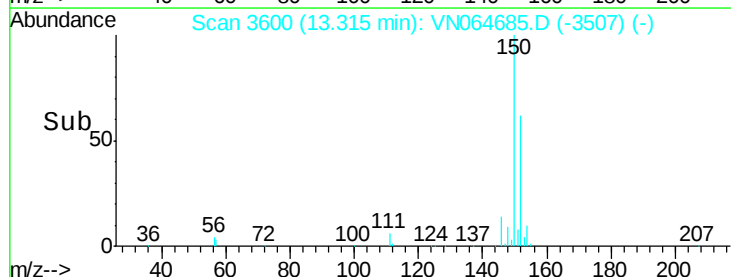
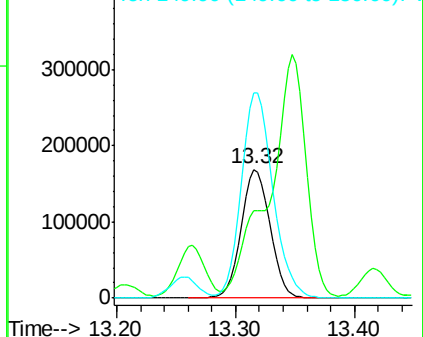
152 100

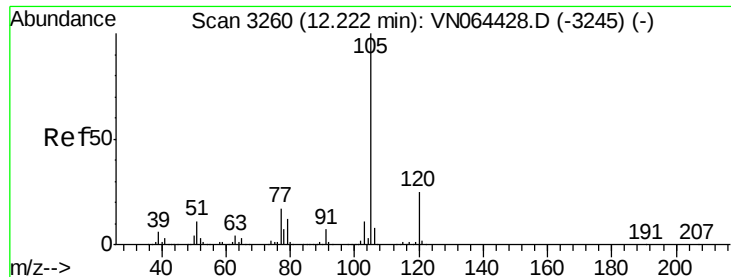
115 0.0 32.0 96.0#

150 175.0 0.0 353.8



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: 161.622 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

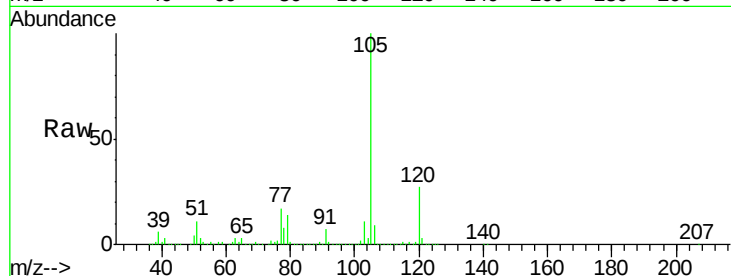
MW-4MSD

Tot Ion:105 Resp: 3634040

Ion Ratio Lower Upper

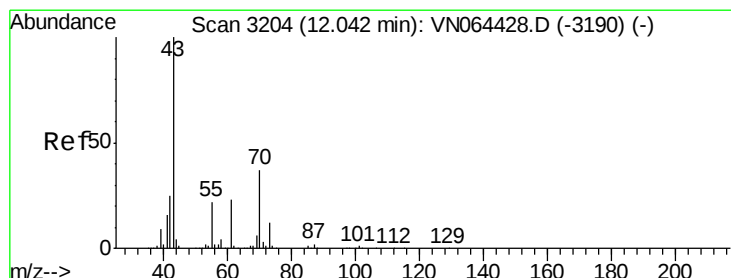
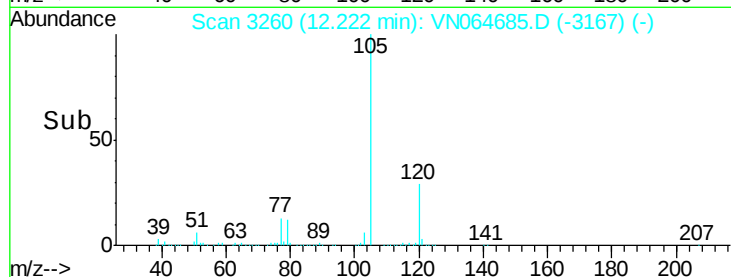
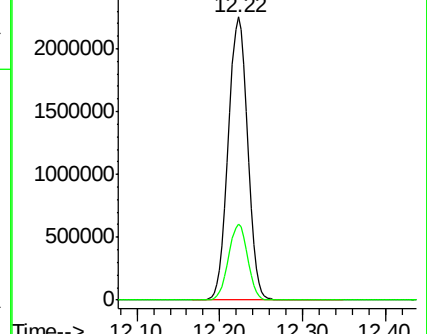
105 100

120 26.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.091 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Tgt Ion: 43 Resp: 512746

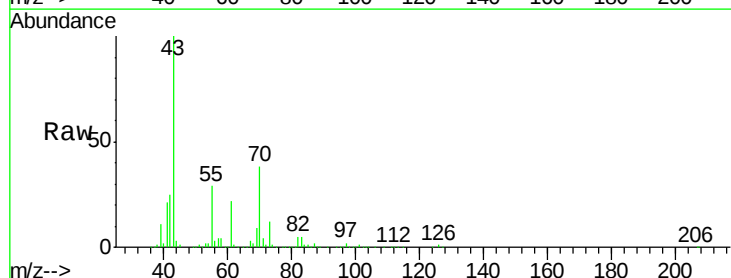
Ion Ratio Lower Upper

43 100

70 35.0 29.6 44.4

55 31.3 18.4 27.6#

61 20.7 17.8 26.6

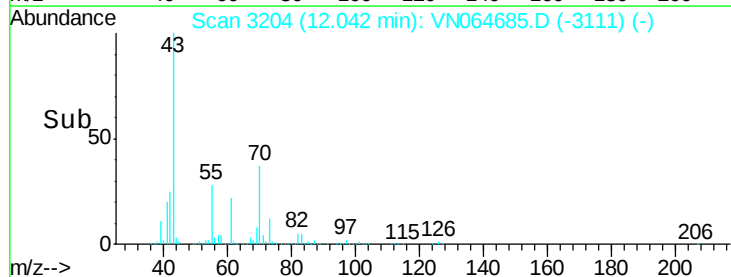
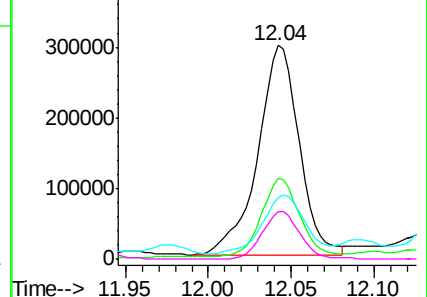


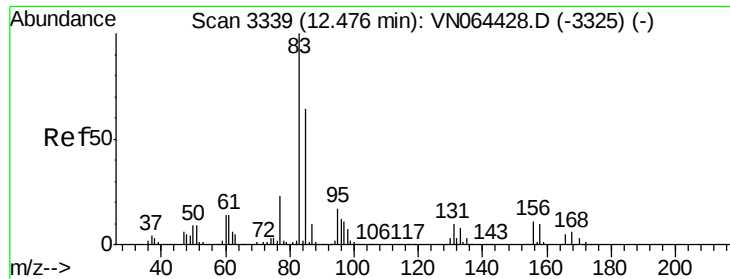
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.689 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4MSD

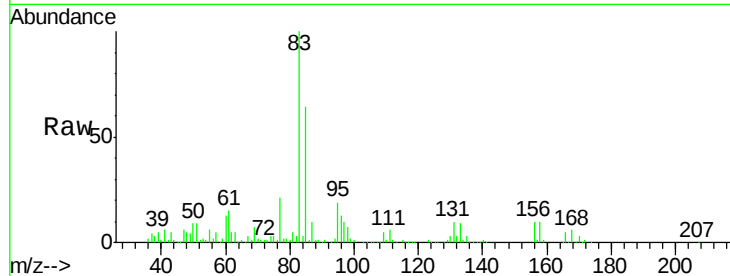
Tot Ion: 83 Resp: 315542

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

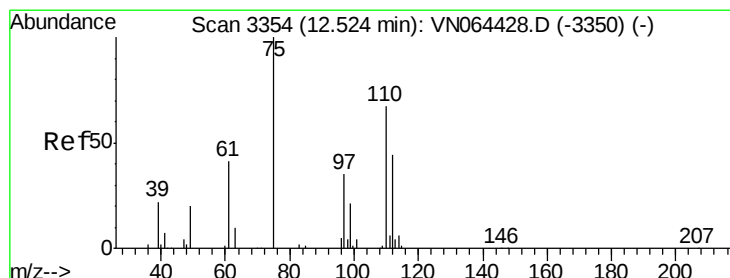
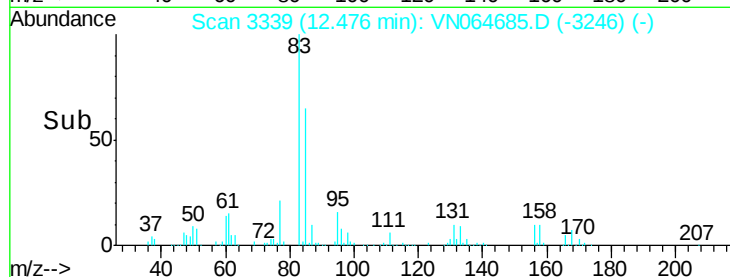
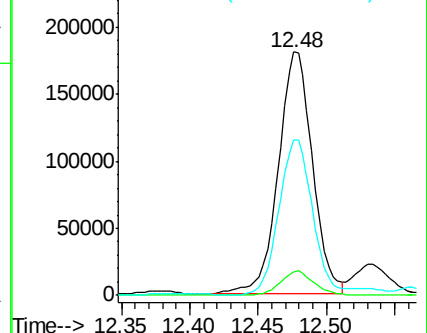
85 62.5 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064685.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064685.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064685.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 65.562 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064685.D

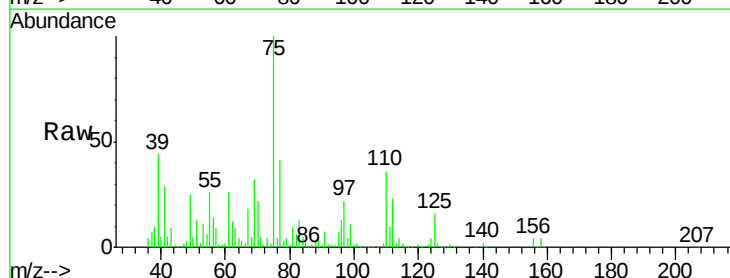
Acq: 17 Nov 2020 17:07

Tgt Ion: 75 Resp: 449369

Ion Ratio Lower Upper

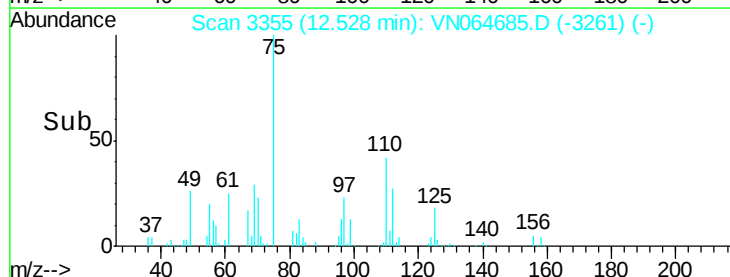
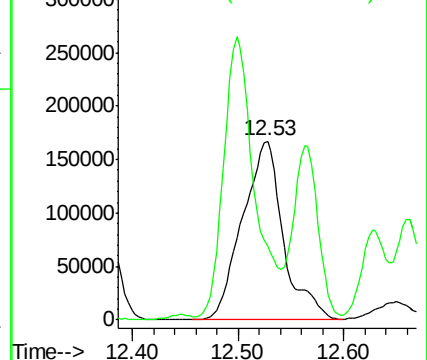
75 100

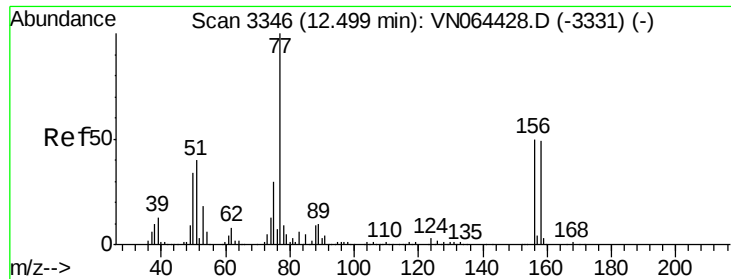
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064685.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN064685.D (-3261) (-)





#77

Bromobenzene

Concen: 43.107 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

MW-4MSD

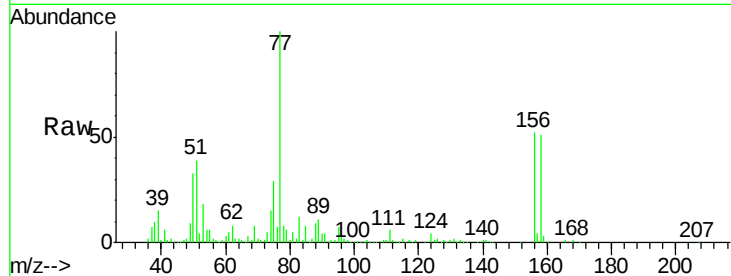
Tot Ion:156 Resp: 236638

Ion Ratio Lower Upper

156 100

77 223.5 119.0 357.0

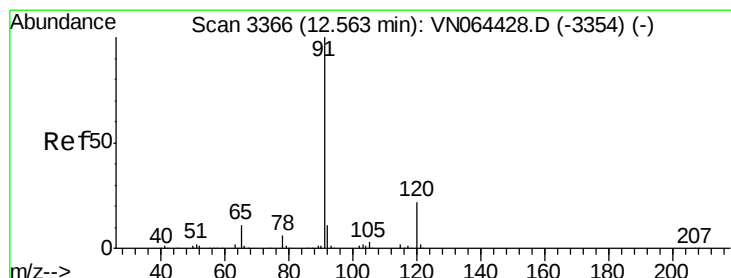
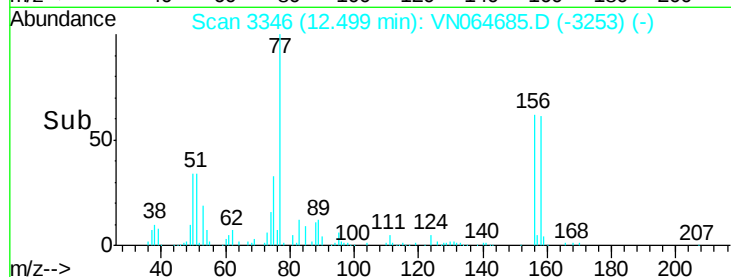
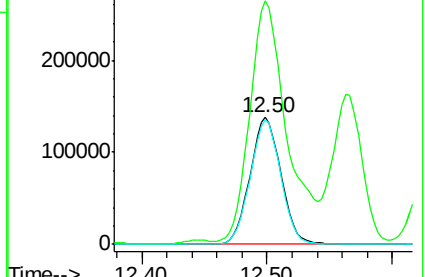
158 96.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 216.388 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064685.D

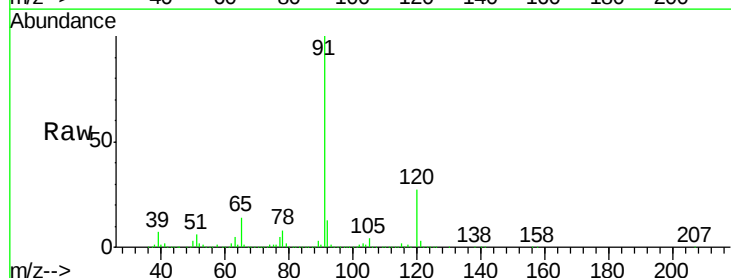
Acq: 17 Nov 2020 17:07

Tgt Ion: 91 Resp: 5546975

Ion Ratio Lower Upper

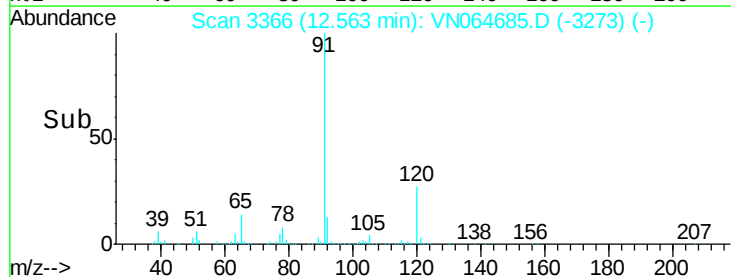
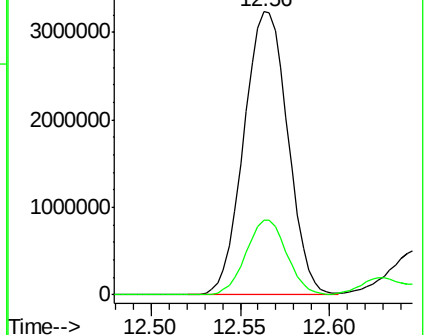
91 100

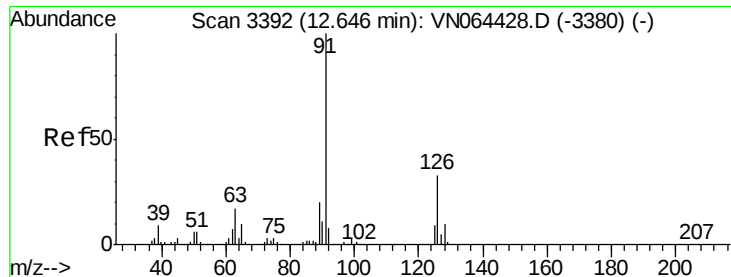
120 24.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 61.806 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

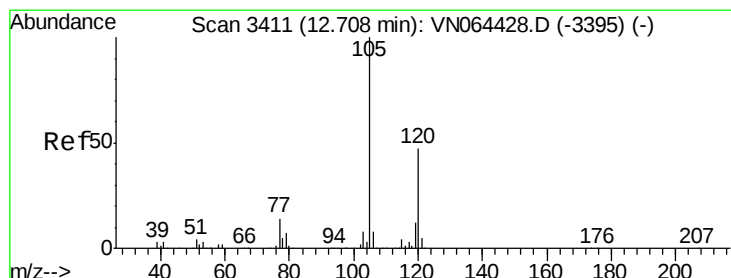
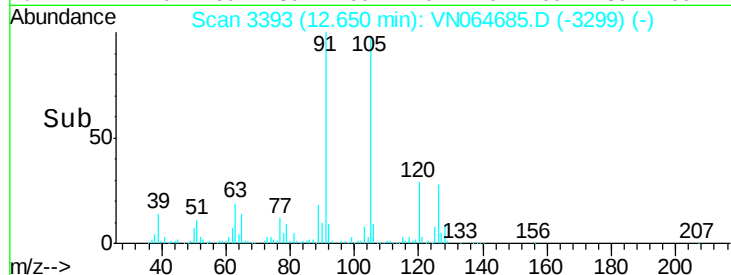
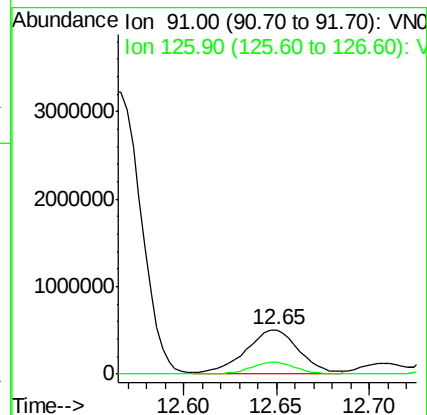
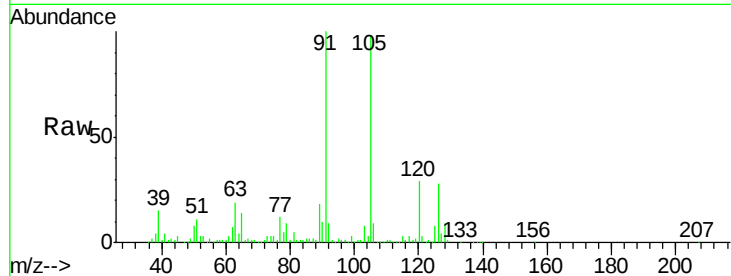
MW-4MSD

Tot Ion: 91 Resp: 1004875

Ion Ratio Lower Upper

91 100

126 23.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 94.722 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064685.D

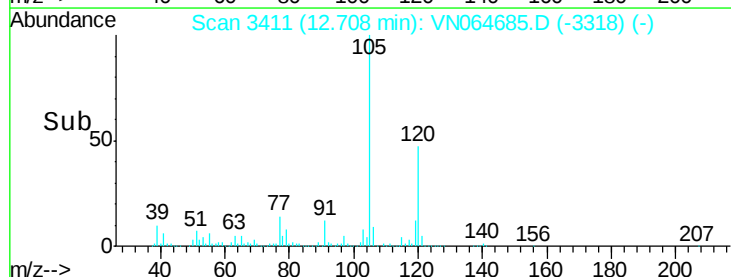
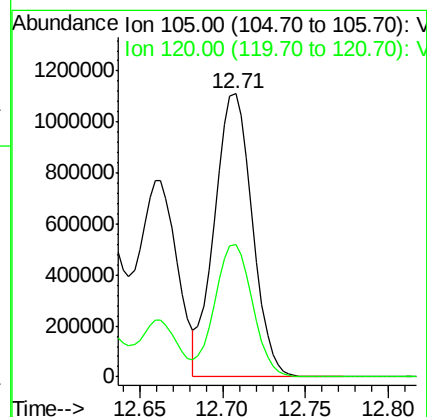
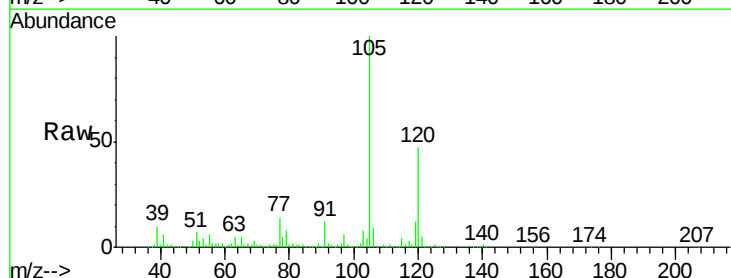
Acq: 17 Nov 2020 17:07

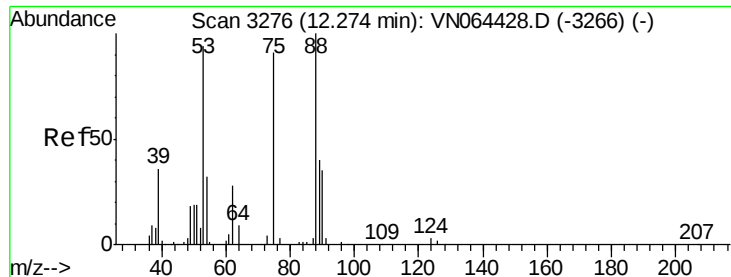
Tgt Ion: 105 Resp: 1757031

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 43.412 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4MSD

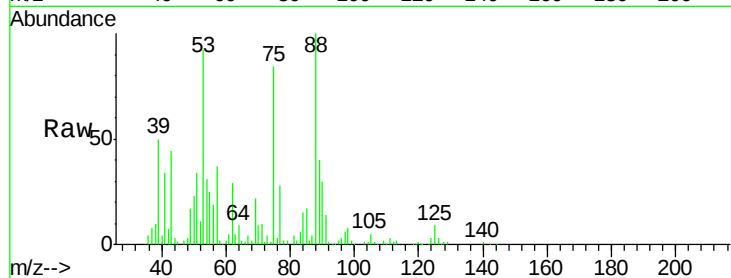
Tot Ion: 75 Resp: 106569

Ion Ratio Lower Upper

75 100

53 114.5 84.0 126.0

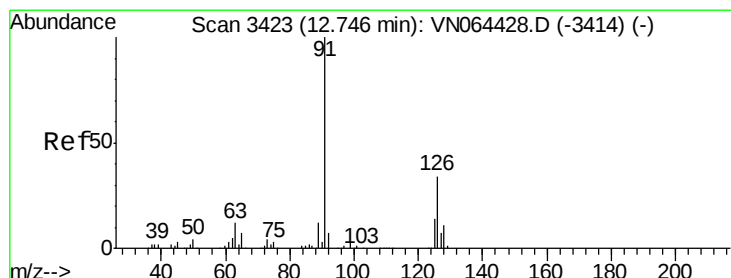
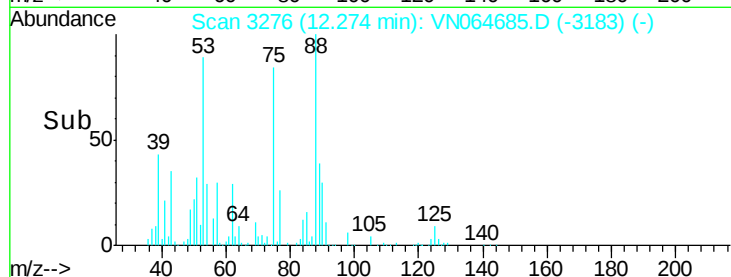
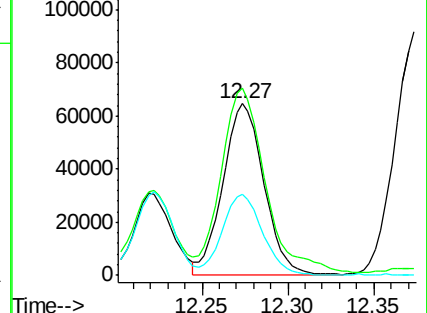
89 46.2 36.3 54.5



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: 45.341 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064685.D

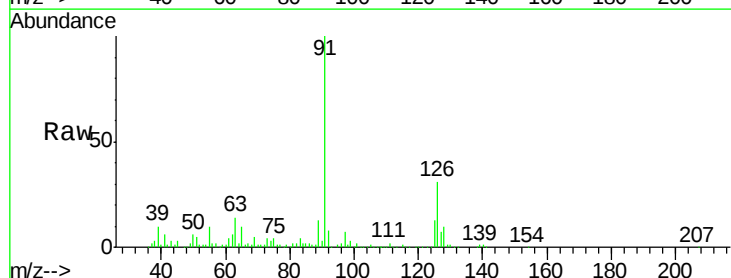
Acq: 17 Nov 2020 17:07

Tgt Ion: 91 Resp: 772013

Ion Ratio Lower Upper

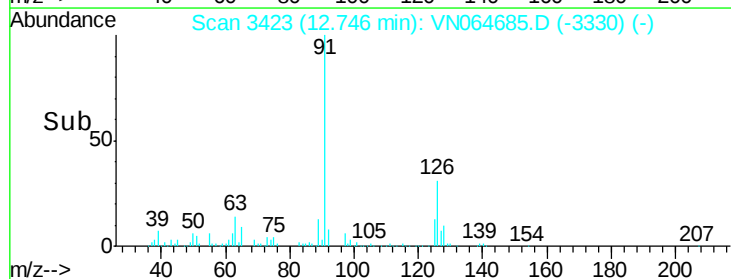
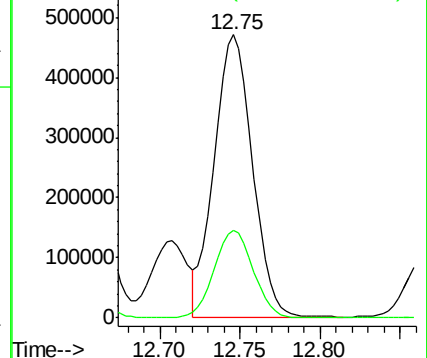
91 100

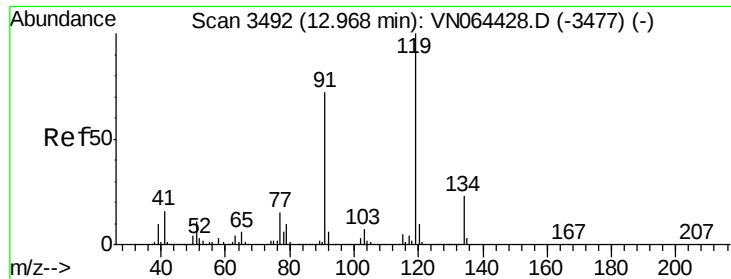
126 31.6 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

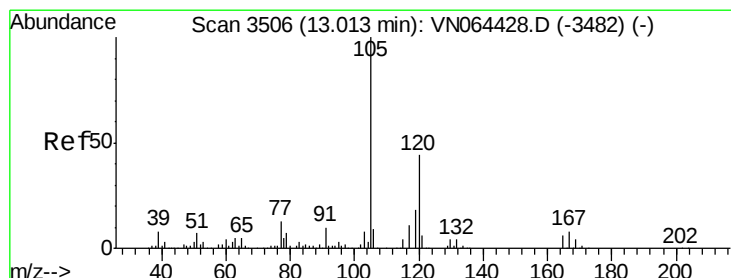
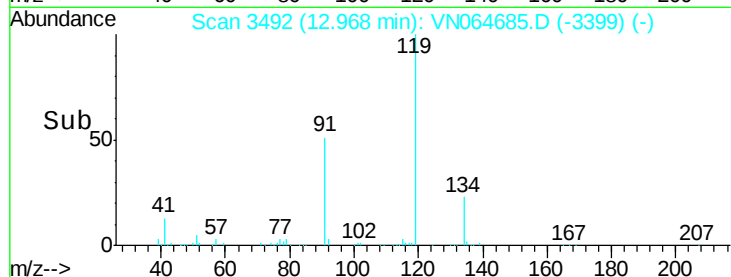
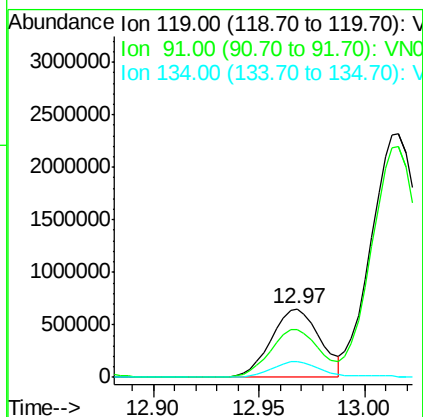
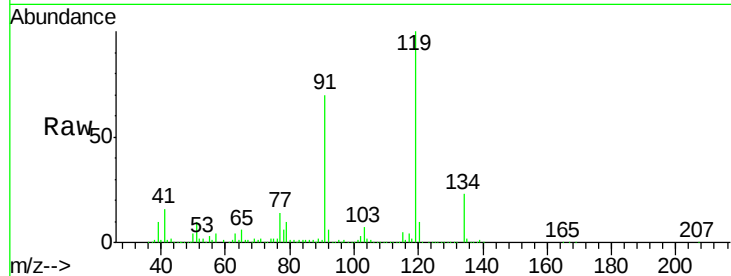




#83
tert-Butylbenzene
Concen: 72.666 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

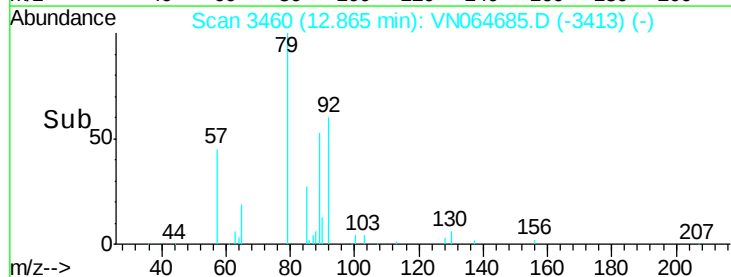
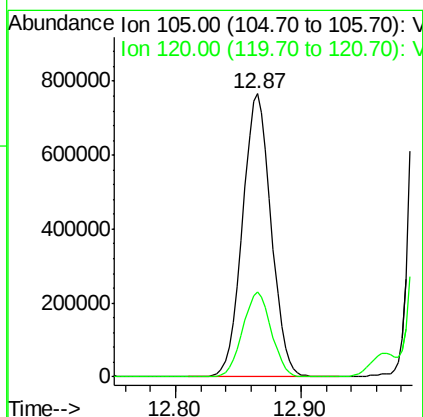
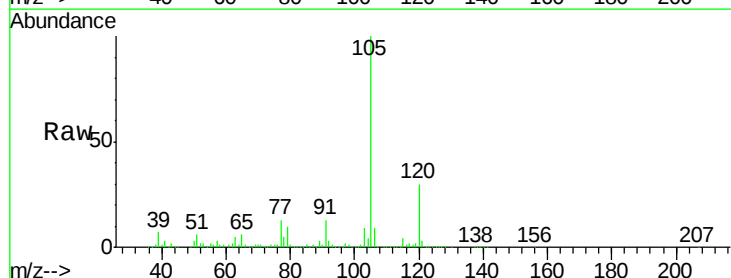
Instrument :
MSVOA_N
ClientSampled :
MW-4MSD

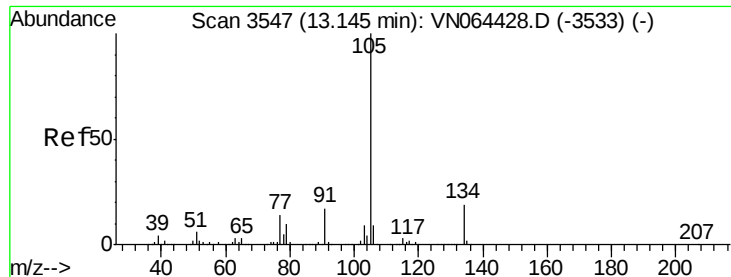
Tot Ion:119 Resp: 1052732
Ion Ratio Lower Upper
119 100
91 70.7 36.1 108.3
134 23.1 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 64.910 ug/l
RT: 12.87 min Scan# 3460
Delta R.T. -0.15 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion:105 Resp: 1210390
Ion Ratio Lower Upper
105 100
120 30.3 21.9 65.7





#85

sec-Butylbenzene

Concen: 135.783 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

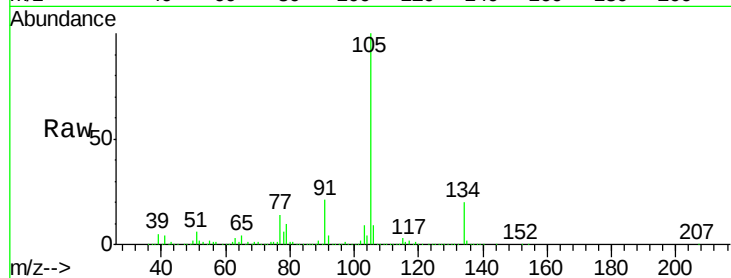
MW-4MSD

Tot Ion:105 Resp: 2491312

Ion Ratio Lower Upper

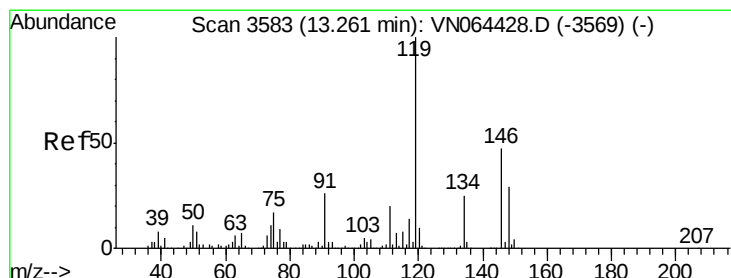
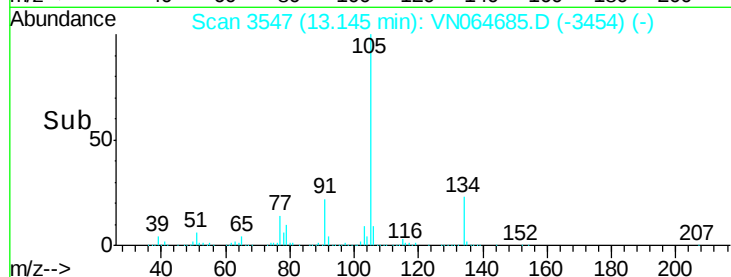
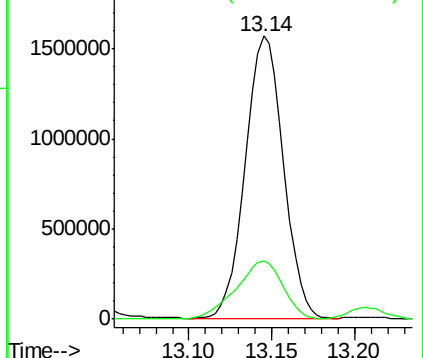
105 100

134 25.5 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 80.691 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

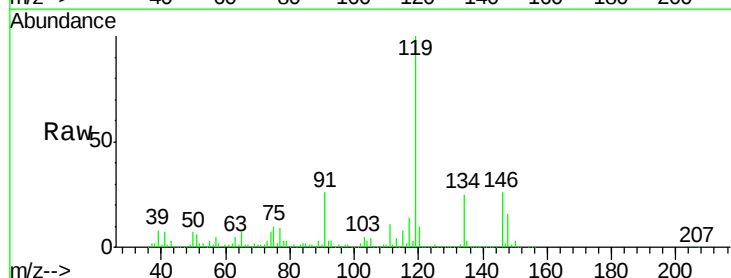
Tgt Ion:119 Resp: 1331686

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

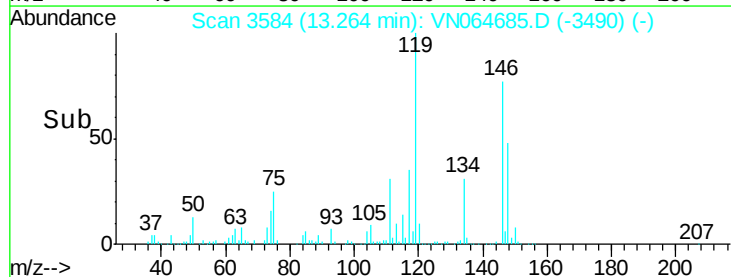
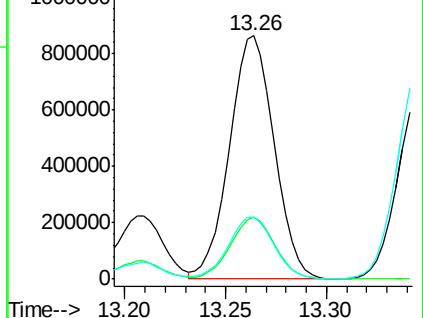
91 25.4 12.8 38.3

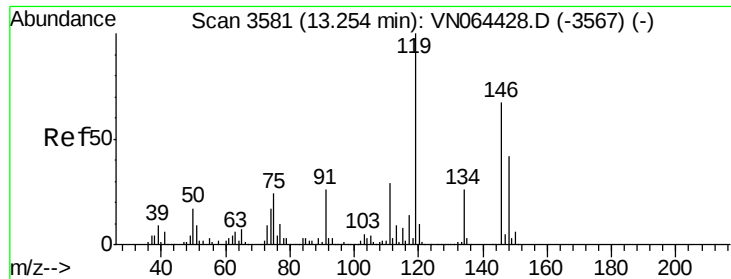


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

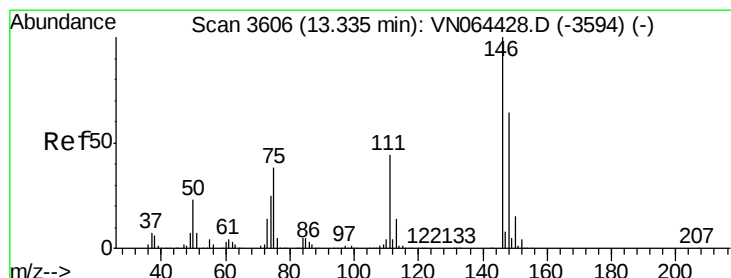
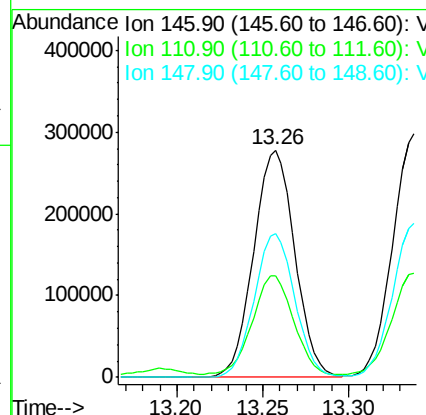
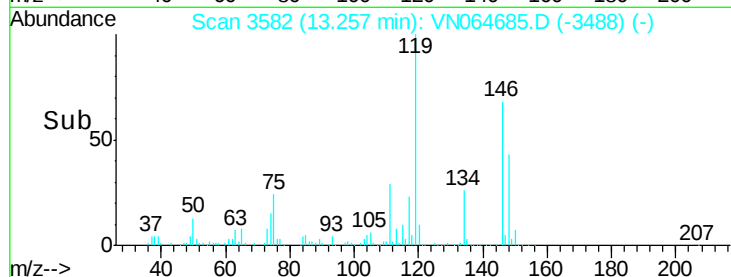
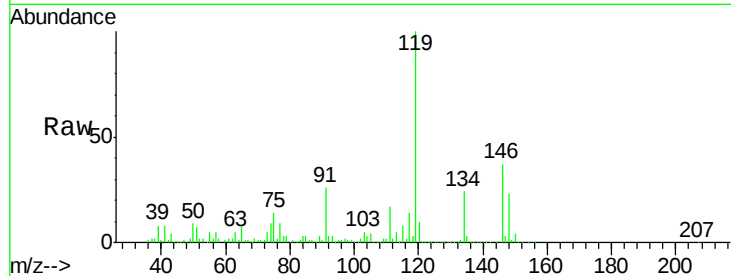




#87
 1,3-Dichlorobenzene
 Concen: 48.621 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

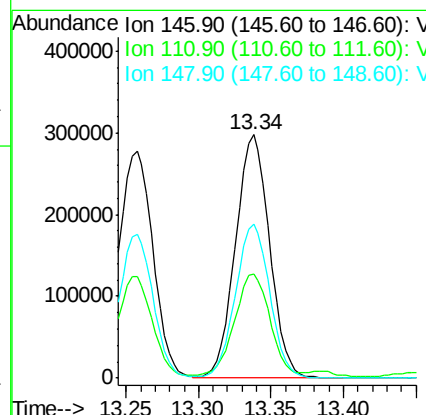
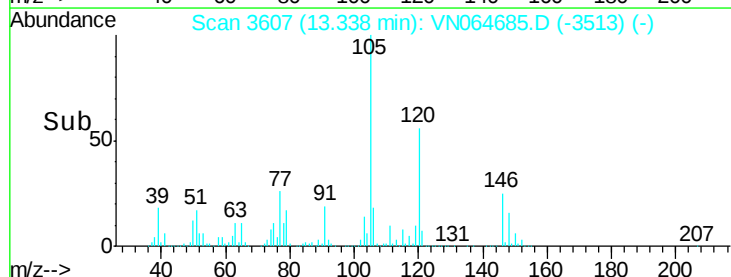
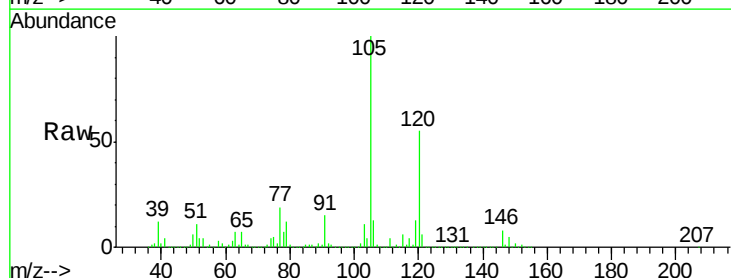
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

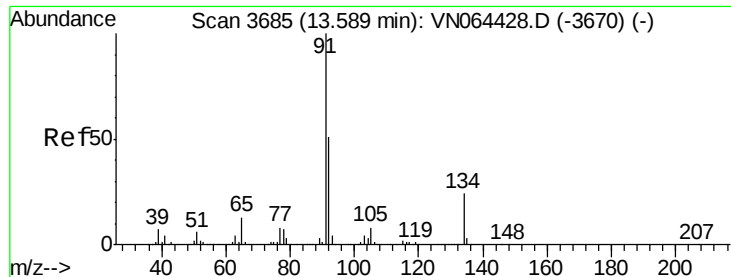
Tot Ion:146 Resp: 461382
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.1 66.1
 148 62.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 49.421 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion:146 Resp: 484650
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.8 65.3
 148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 115.158 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064685.D

Acq: 17 Nov 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4MSD

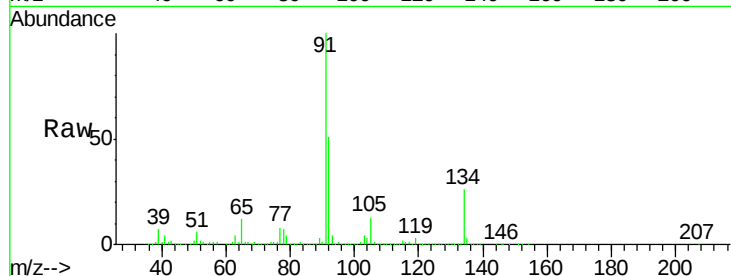
Tot Ion: 91 Resp: 1634045

Ion Ratio Lower Upper

91 100

92 47.8 25.3 75.9

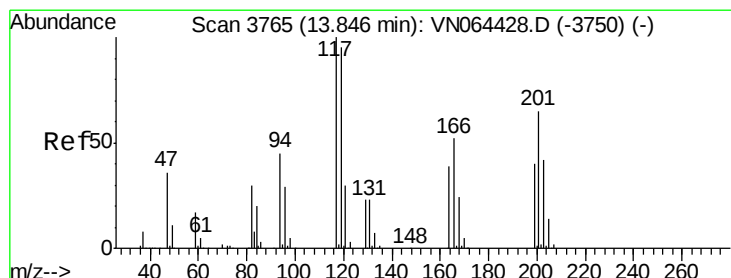
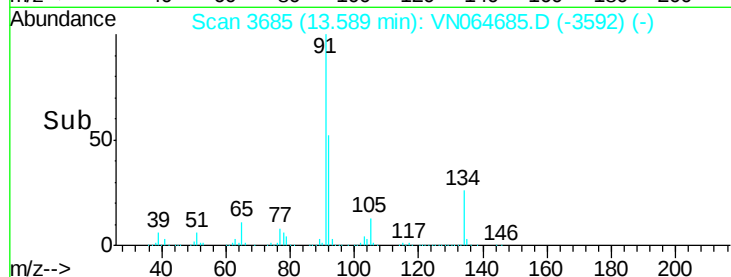
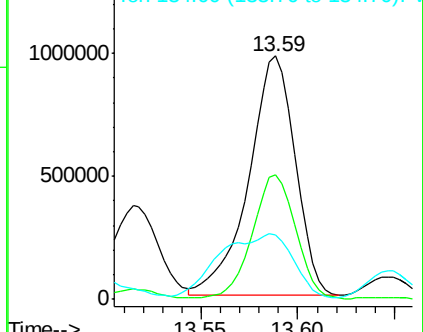
134 41.5 11.8 35.4#



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)



#90

Hexachloroethane

Concen: 121.567 ug/l

RT: 13.86 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN064685.D

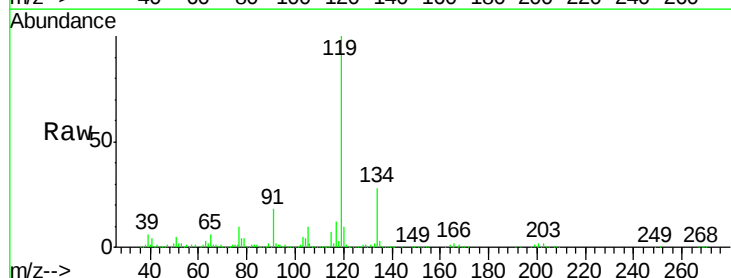
Acq: 17 Nov 2020 17:07

Tgt Ion: 117 Resp: 387021

Ion Ratio Lower Upper

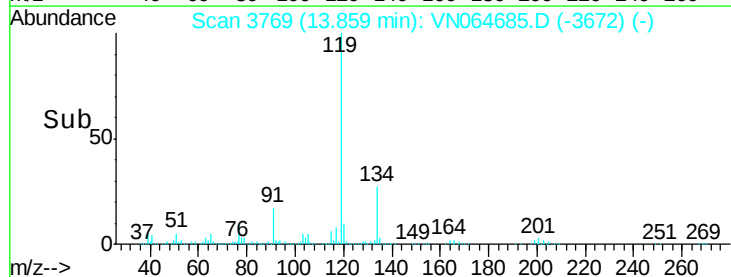
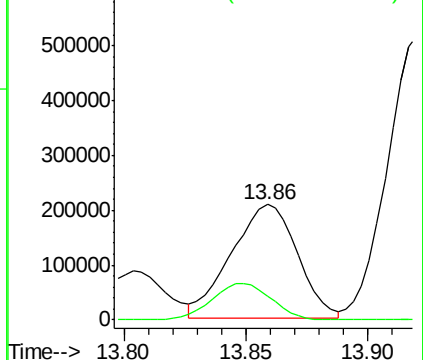
117 100

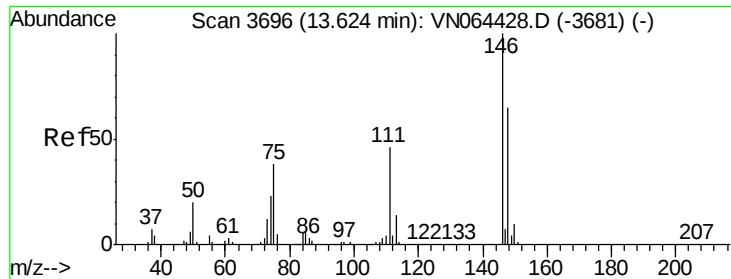
201 29.5 32.5 97.5#



Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)

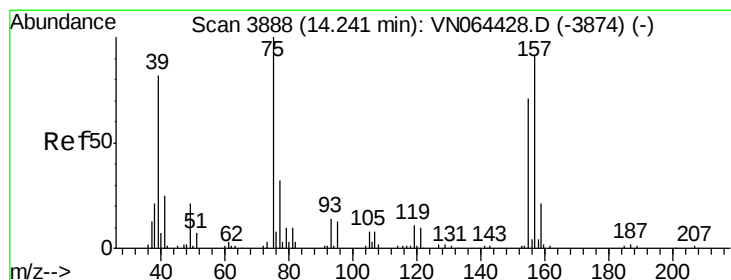
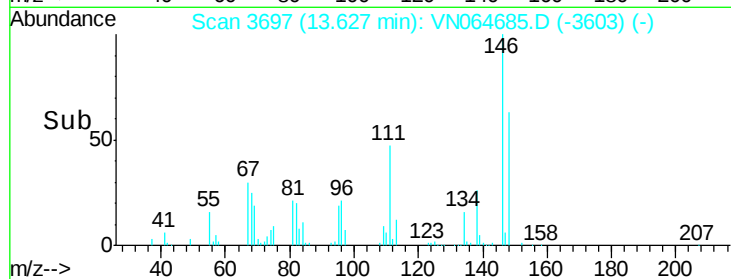
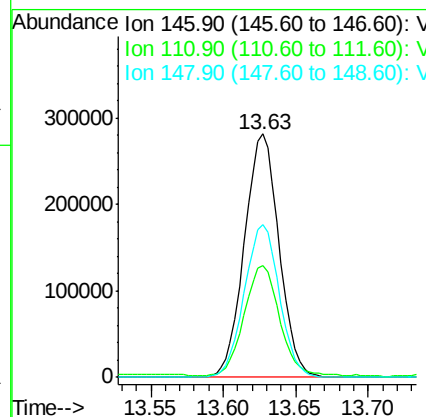
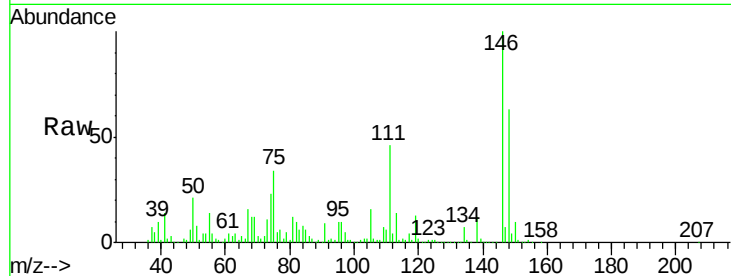




#91
 1,2-Dichlorobenzene
 Concen: 51.256 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

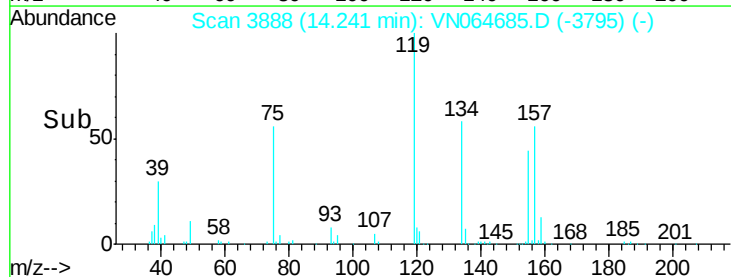
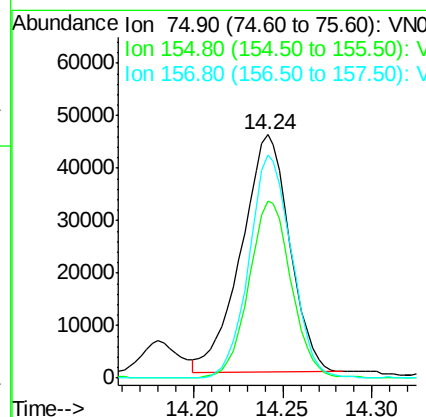
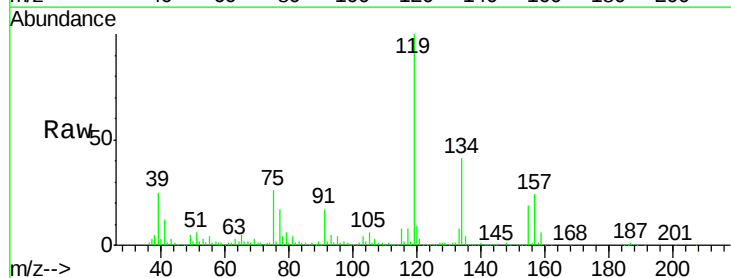
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

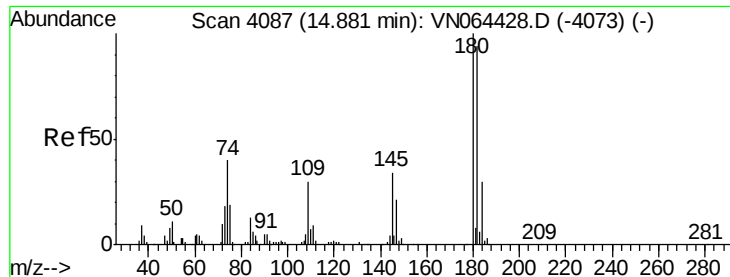
Tot Ion:146 Resp: 467863
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.9 68.7
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.399 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion: 75 Resp: 85800
 Ion Ratio Lower Upper
 75 100
 155 65.3 34.6 103.9
 157 82.5 43.0 128.8

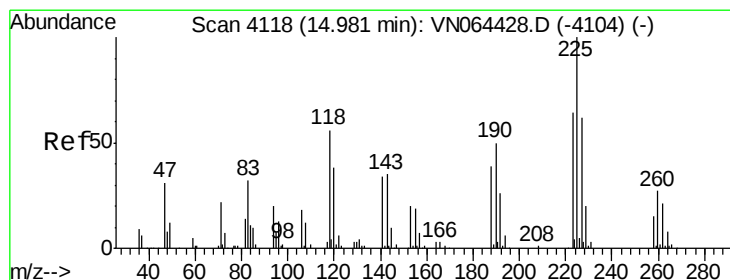
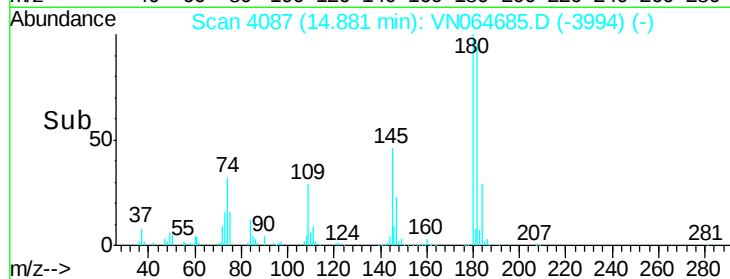
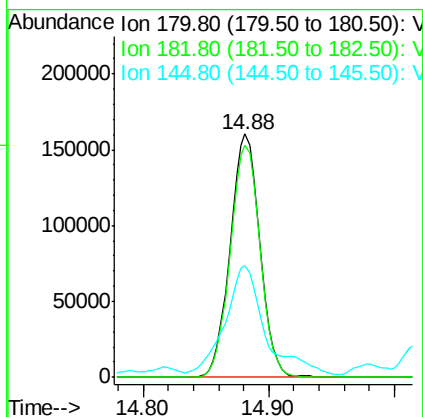
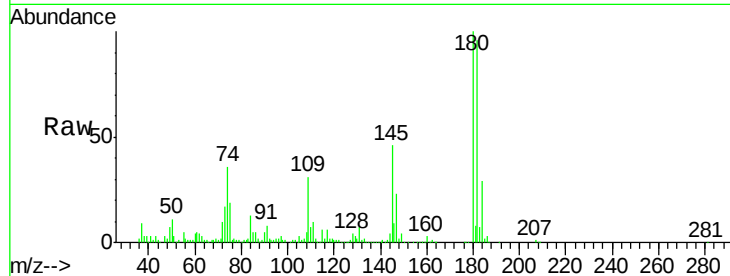




#93
 1,2,4-Trichlorobenzene
 Concen: 57.467 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

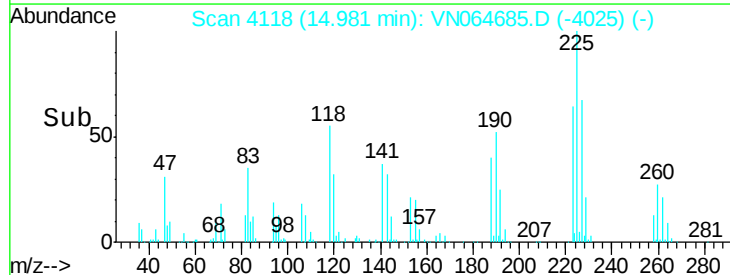
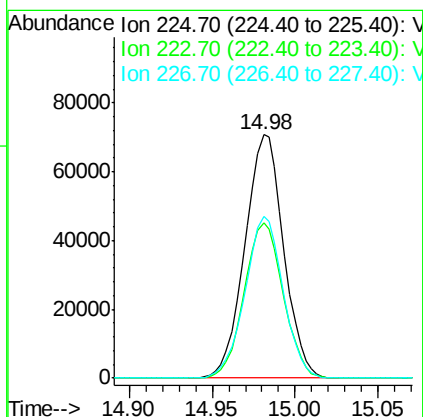
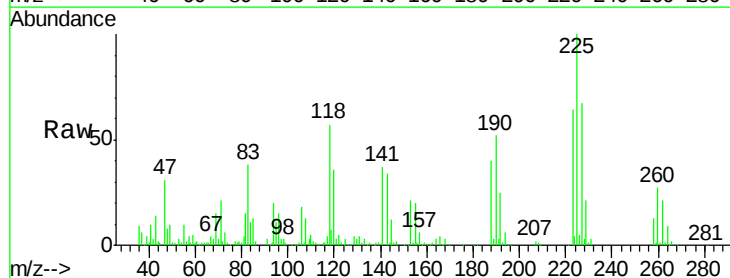
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4MSD

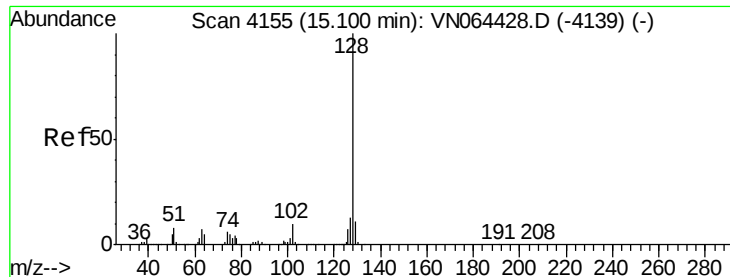
Tot Ion:180 Resp: 262768
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 142.0
 145 64.8 16.7 50.1#



#94
 Hexachlorobutadiene
 Concen: 61.631 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064685.D
 Acq: 17 Nov 2020 17:07

Tgt Ion:225 Resp: 114538
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.8 95.4
 227 65.3 31.8 95.4

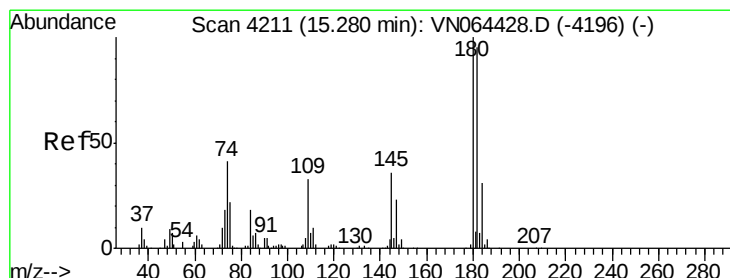
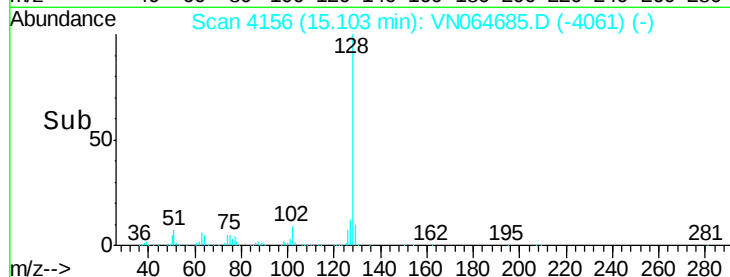
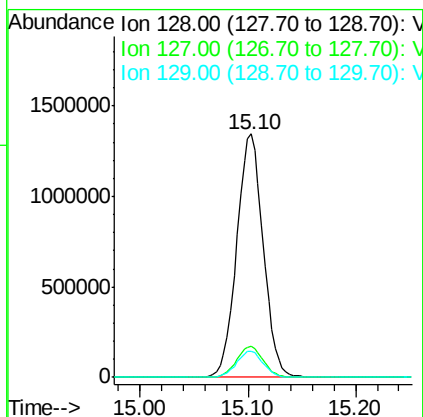
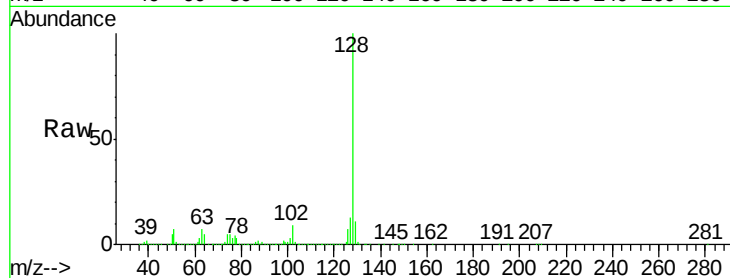




#95
Naphthalene
Concen: 141.043 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Instrument :
MSVOA_N
ClientSampleId :
MW-4MSD

Tot Ion:128 Resp: 2298696
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 58.410 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064685.D
Acq: 17 Nov 2020 17:07

Tgt Ion:180 Resp: 258686
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 39.4 18.3 54.8

