

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032620\
 Data File : VN060712.D
 Acq On : 26 Mar 2020 14:18
 Operator : JC/MD
 Sample : L1997-03MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

Quant Time: Mar 27 05:31:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143478	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131019	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.56	113	98490	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.08	98	389618	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.40	95	143315	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	90896	49.657	ug/l	99
3) Chloromethane	2.04	50	159490	46.652	ug/l	100
4) Vinyl Chloride	2.17	62	127916	47.838	ug/l	98
5) Bromomethane	2.55	94	60479	52.394	ug/l	98
6) Chloroethane	2.69	64	79180	51.405	ug/l	98
7) Trichlorofluoromethane	3.00	101	164591	49.968	ug/l	99
8) Diethyl Ether	3.38	74	69239	52.326	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	94435	49.477	ug/l	99
10) Methyl Iodide	3.93	142	89960	52.969	ug/l	100
11) Tert butyl alcohol	4.72	59	98808	258.706	ug/l	100
12) 1,1-Dichloroethene	3.72	96	105310	51.416	ug/l	100
13) Acrolein	3.57	56	120436	284.521	ug/l	99
14) Allyl chloride	4.29	41	173833	48.256	ug/l	98
15) Acrylonitrile	4.94	53	302577	269.411	ug/l	99
16) Acetone	3.78	43	244274	265.544	ug/l	99
17) Carbon Disulfide	4.03	76	301536	48.407	ug/l	100
18) Methyl Acetate	4.28	43	120869	46.681	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	358978	50.977	ug/l	97
20) Methylene Chloride	4.52	84	114931	50.789	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	110236	50.499	ug/l	95
22) Diisopropyl ether	5.91	45	408250	53.642	ug/l	95
23) Vinyl Acetate	5.86	43	1426974	229.800	ug/l	99
24) 1,1-Dichloroethane	5.82	63	229836	55.396	ug/l	99
25) 2-Butanone	6.80	43	395848	265.927	ug/l	99
26) 2,2-Dichloropropane	6.80	77	121074	37.090	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	135628	54.675	ug/l	98
28) Bromochloromethane	7.17	49	102876	51.826	ug/l	100
29) Tetrahydrofuran	7.18	42	271826	258.092	ug/l	99
30) Chloroform	7.35	83	208048	52.307	ug/l	100
31) Cyclohexane	7.63	56	202215	48.345	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	180969	52.779	ug/l	100
36) 1,1-Dichloropropene	7.77	75	157841	49.312	ug/l	99
37) Ethyl Acetate	6.89	43	147452	42.633	ug/l	99
38) Carbon Tetrachloride	7.75	117	144342	50.314	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	181253	47.650	ug/l	98
40) Benzene	8.02	78	478795	49.551	ug/l	100
41) Methacrylonitrile	7.18	41	244153	165.411	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	163420	49.488	ug/l	100
43) Isopropyl Acetate	8.14	43	264343	46.344	ug/l	99
44) Trichloroethene	8.82	130	166513	68.359	ug/l	96
45) 1,2-Dichloropropane	9.10	63	129893	50.945	ug/l	100
46) Dibromomethane	9.19	93	77645	50.372	ug/l	99
47) Bromodichloromethane	9.39	83	160511	50.111	ug/l	100
48) Methyl methacrylate	9.18	41	127728	50.296	ug/l	98
49) 1,4-Dioxane	9.18	88	29978	993.125	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	840356	258.907	ug/l	100
52) Toluene	10.14	92	291346	49.926	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	177845	48.336	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	189364	46.914	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	111211	49.537	ug/l	98
56) Ethyl methacrylate	10.42	69	178619	51.026	ug/l	99
57) 1,3-Dichloropropane	10.70	76	196839	50.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.82	63	1048	0.602	ug/l #	50
59) 2-Hexanone	10.74	43	611655	261.603	ug/l	100
60) Dibromochloromethane	10.89	129	119016	51.322	ug/l	99
61) 1,2-Dibromoethane	10.99	107	114591	50.760	ug/l	99
64) Tetrachloroethene	10.62	164	111879	46.976	ug/l	99
65) Chlorobenzene	11.43	112	293954	48.994	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	109650	50.476	ug/l	98
67) Ethyl Benzene	11.50	91	553444	49.602	ug/l	99
68) m/p-Xylenes	11.62	106	403468	97.310	ug/l	99
69) o-Xylene	11.94	106	197602	49.924	ug/l	99
70) Styrene	11.96	104	323059	49.906	ug/l	99
71) Bromoform	12.12	173	85138	47.251	ug/l #	100
73) Isopropylbenzene	12.24	105	521388	48.423	ug/l	100
74) N-amyl acetate	12.06	43	214183	43.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162390	49.872	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	214575	69.308	ug/l #	100
77) Bromobenzene	12.52	156	125107	48.219	ug/l	99
78) n-propylbenzene	12.59	91	613708	48.243	ug/l	99
79) 2-Chlorotoluene	12.67	91	362567	47.701	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	441242	48.289	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	52424	43.489	ug/l	100
82) 4-Chlorotoluene	12.77	91	371037	47.929	ug/l	100
83) tert-Butylbenzene	12.99	119	371483	49.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	440322	48.709	ug/l	100
85) sec-Butylbenzene	13.17	105	495599	48.656	ug/l	100
86) p-Isopropyltoluene	13.28	119	441076	48.156	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	223304	48.798	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	222730	48.445	ug/l	100
89) n-Butylbenzene	13.61	91	392995	47.523	ug/l	100
90) Hexachloroethane	13.87	117	67798	50.923	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	218177	49.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34301	50.295	ug/l	95

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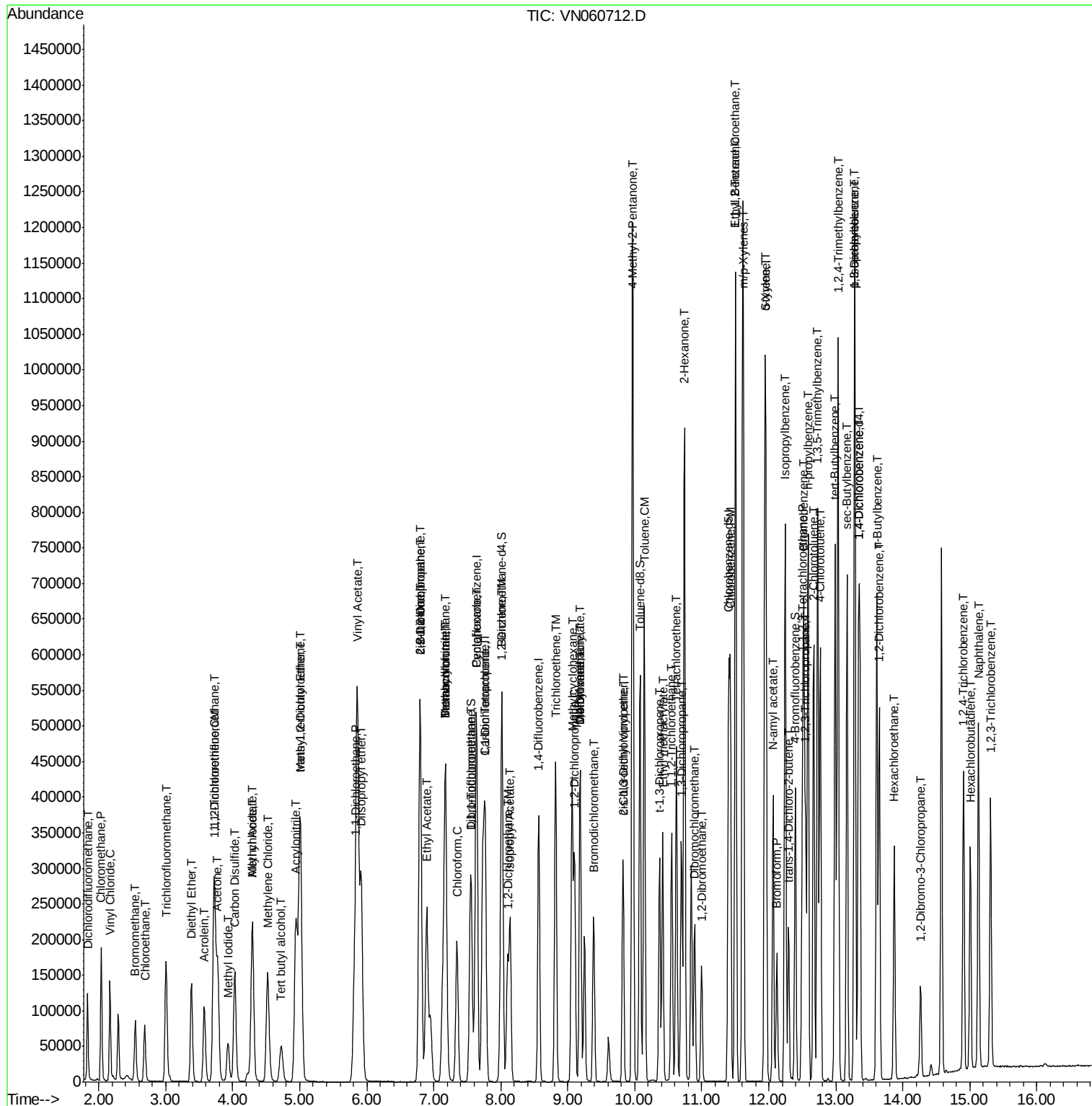
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	134190	49.940	ug/l	99
94) Hexachlorobutadiene	15.01	225	62600	47.523	ug/l	99
95) Naphthalene	15.13	128	403523	49.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	129298	48.853	ug/l	99

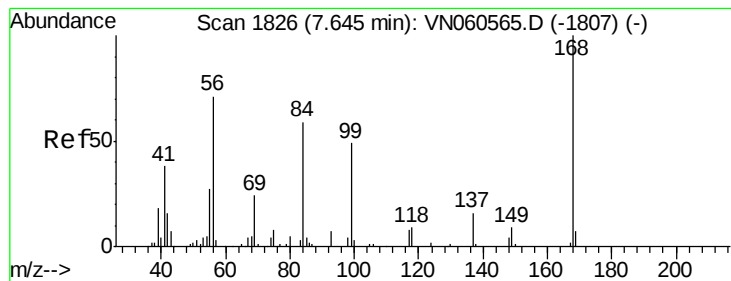
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

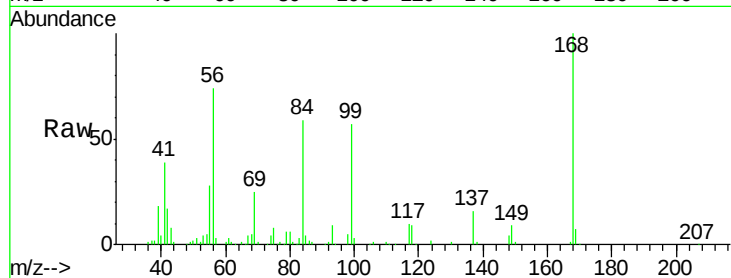
MW203D-20200315MSD

Tgt Ion: 168 Resp: 189177

Ion Ratio Lower Upper

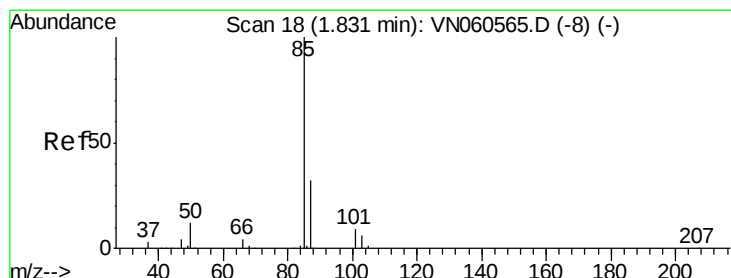
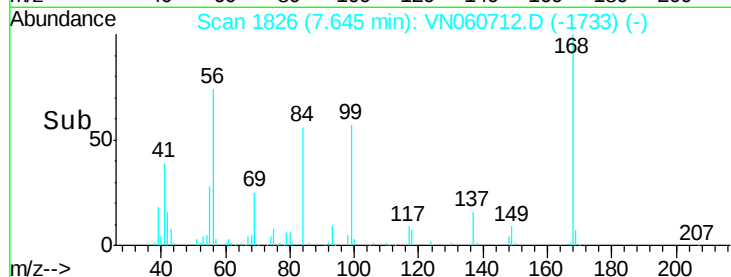
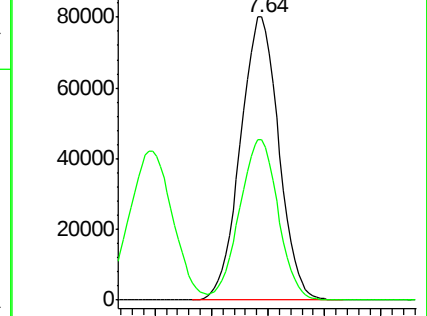
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.657 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060712.D

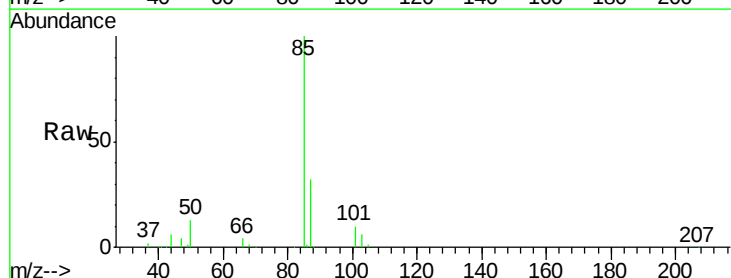
Acq: 26 Mar 2020 14:18

Tgt Ion: 85 Resp: 90896

Ion Ratio Lower Upper

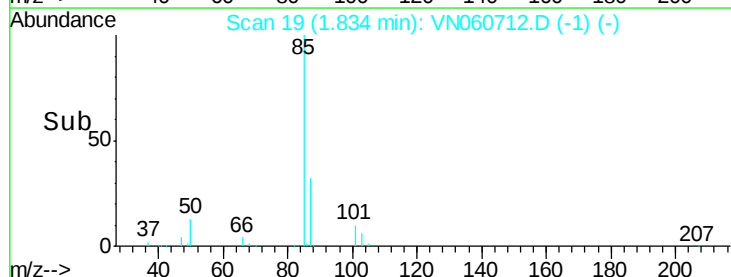
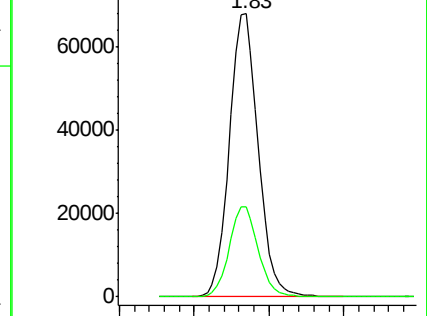
85 100

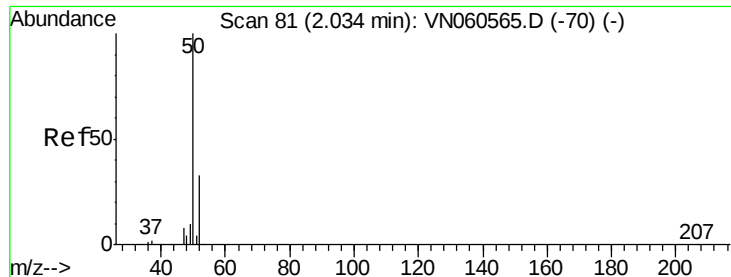
87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.652 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

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ClientSampleId :

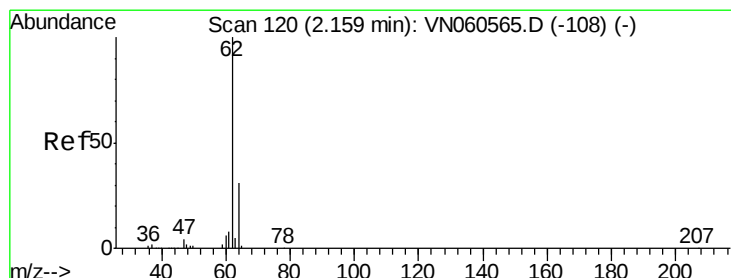
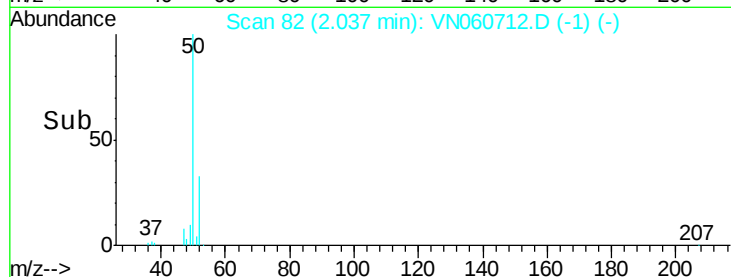
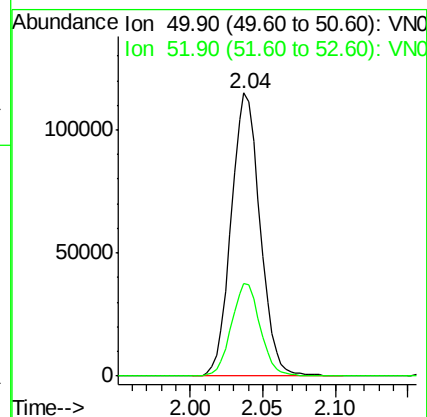
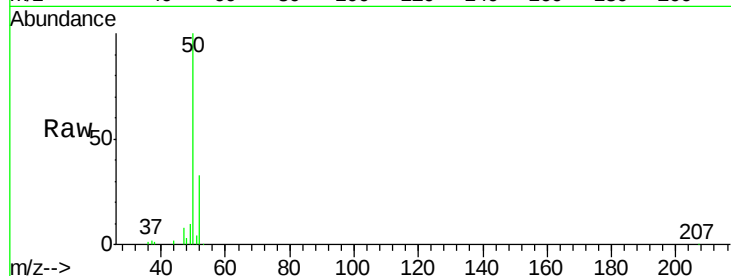
MW203D-20200315MSD

Tgt Ion: 50 Resp: 159490

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 47.838 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060712.D

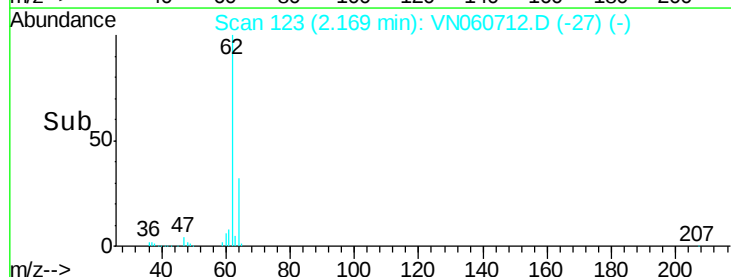
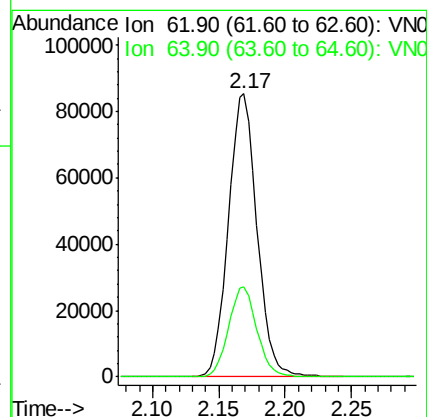
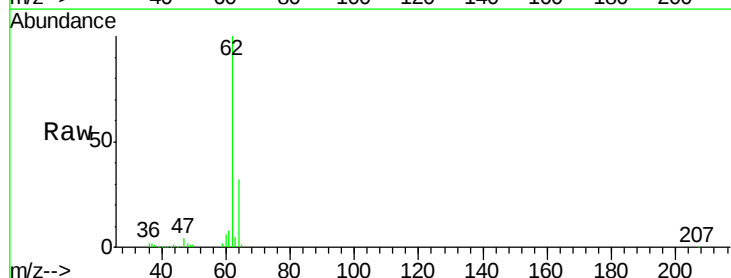
Acq: 26 Mar 2020 14:18

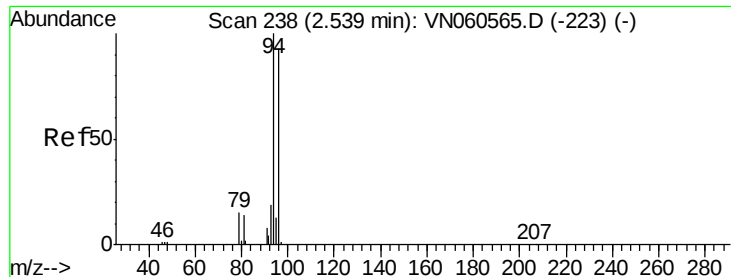
Tgt Ion: 62 Resp: 127916

Ion Ratio Lower Upper

62 100

64 32.0 24.7 37.1





#5

Bromomethane

Concen: 52.394 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

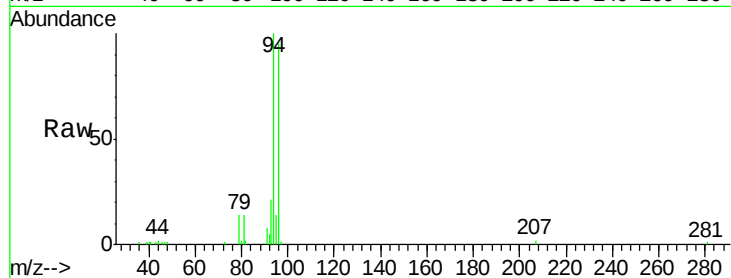
MW203D-20200315MSD

Tgt Ion: 94 Resp: 60479

Ion Ratio Lower Upper

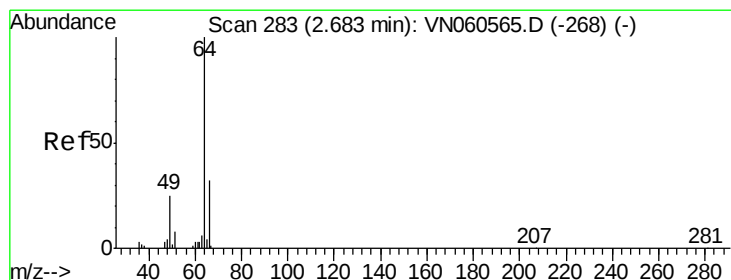
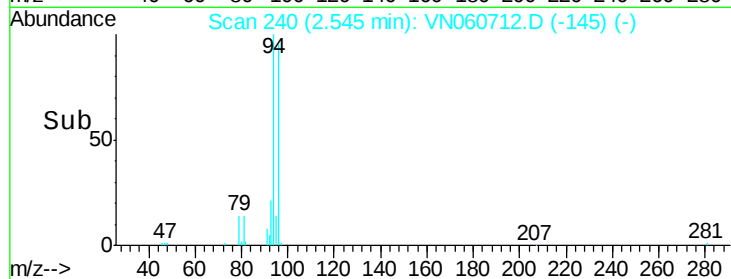
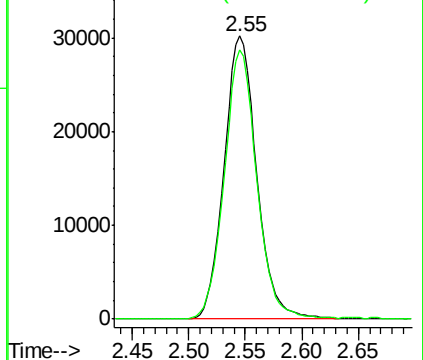
94 100

96 95.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 51.405 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060712.D

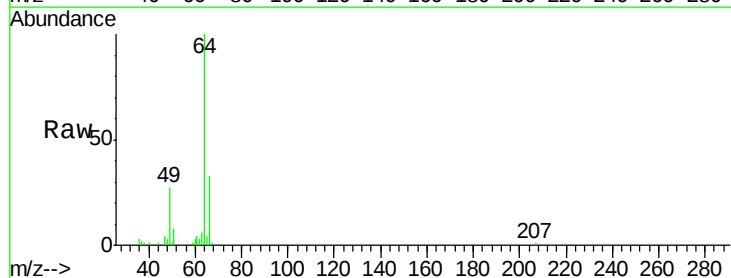
Acq: 26 Mar 2020 14:18

Tgt Ion: 64 Resp: 79180

Ion Ratio Lower Upper

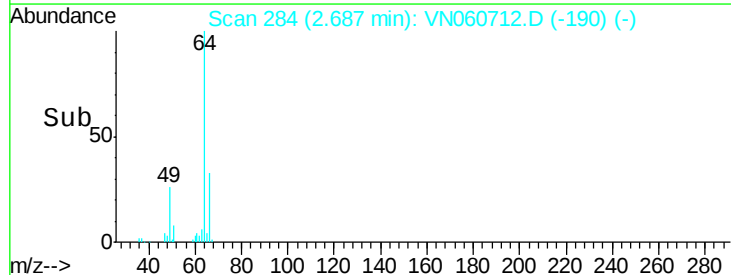
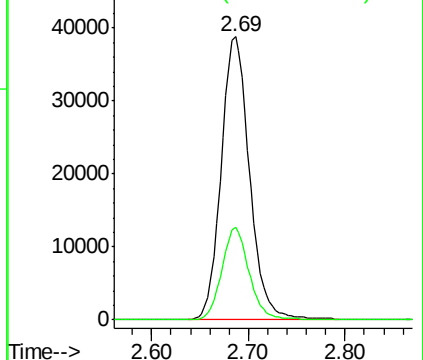
64 100

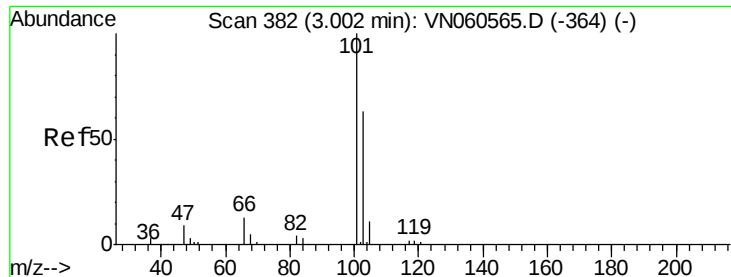
66 32.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



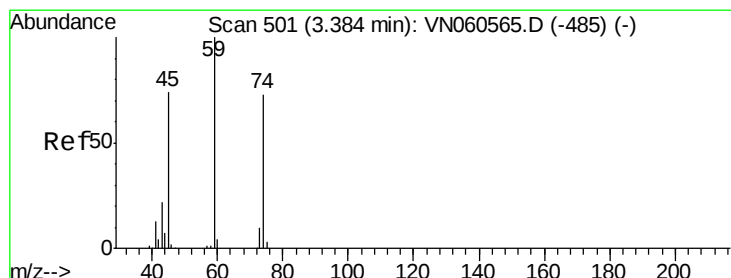
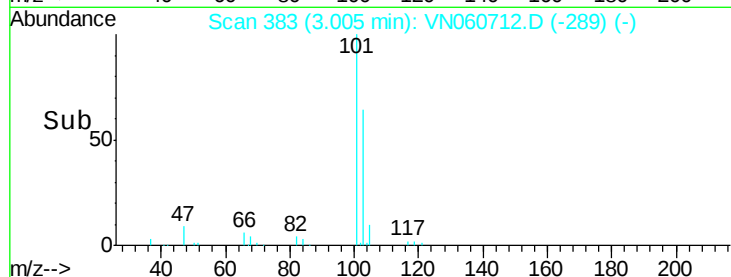
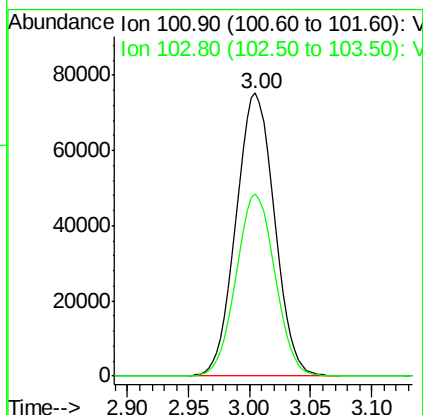
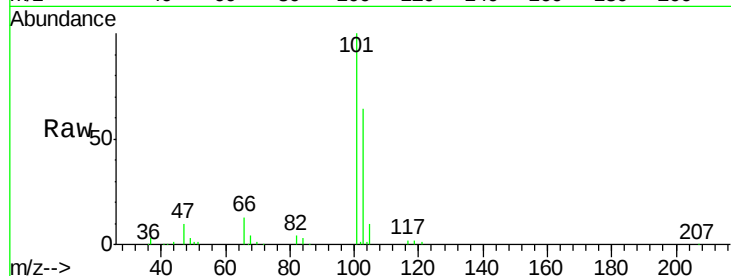


#7

Trichlorofluoromethane
 Concen: 49.968 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060712.D
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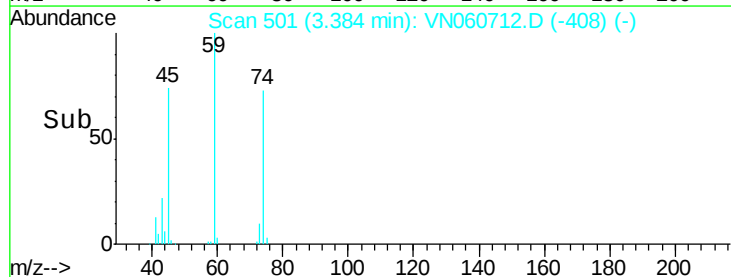
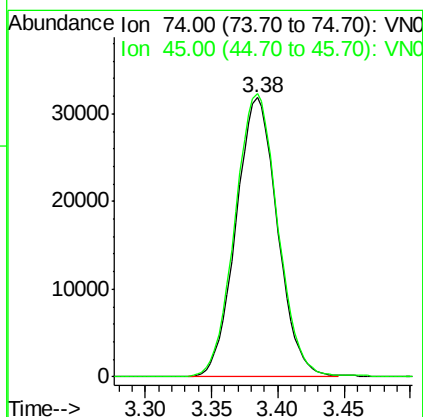
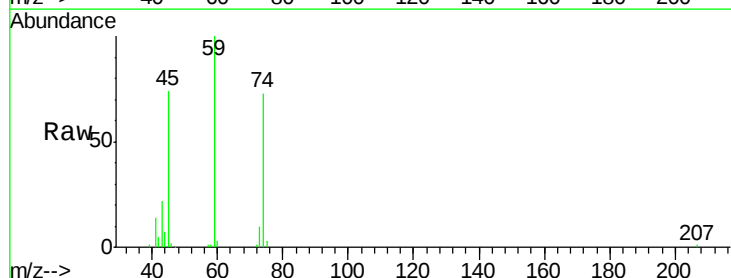
Tgt Ion:101 Resp: 164591
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.6 76.0

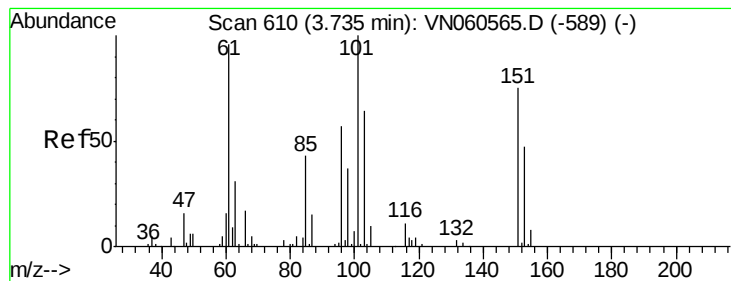


#8

Diethyl Ether
 Concen: 52.326 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion: 74 Resp: 69239
 Ion Ratio Lower Upper
 74 100
 45 105.1 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.477 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060712.D

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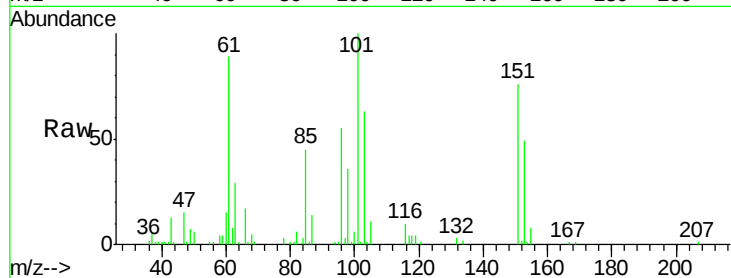
Tgt Ion:101 Resp: 94435

Ion Ratio Lower Upper

101 100

85 45.2 35.6 53.4

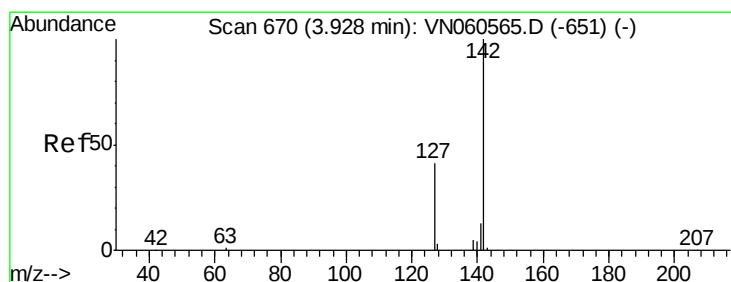
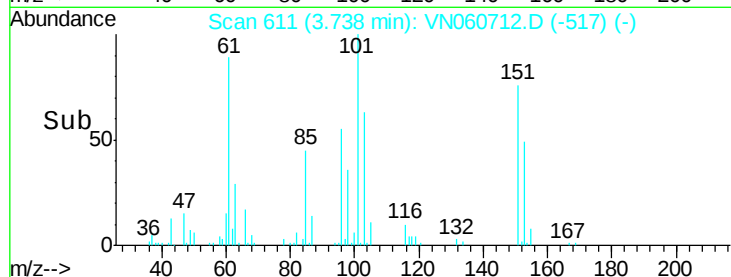
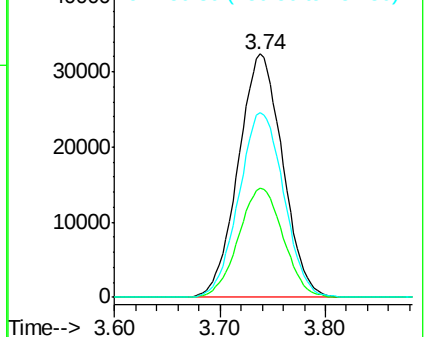
151 77.1 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.969 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

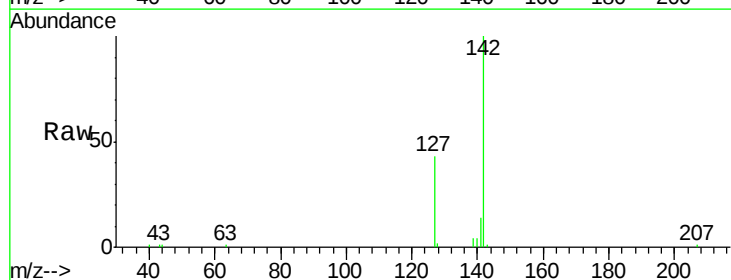
Tgt Ion:142 Resp: 89960

Ion Ratio Lower Upper

142 100

127 42.0 33.5 50.3

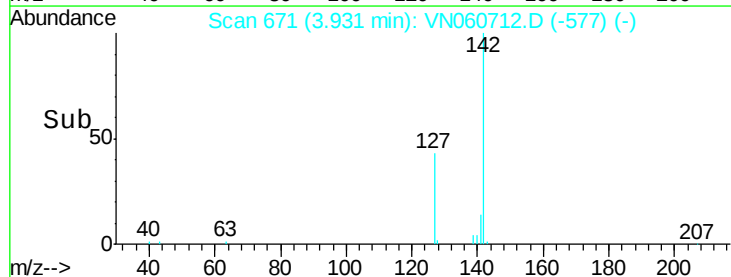
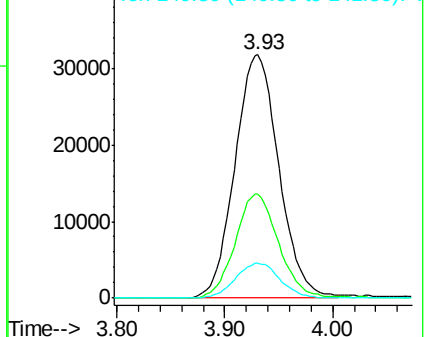
141 14.4 11.0 16.6

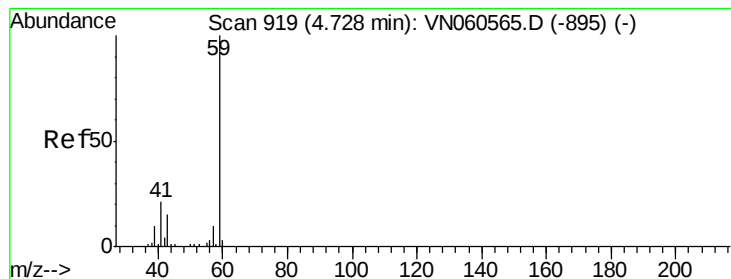


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



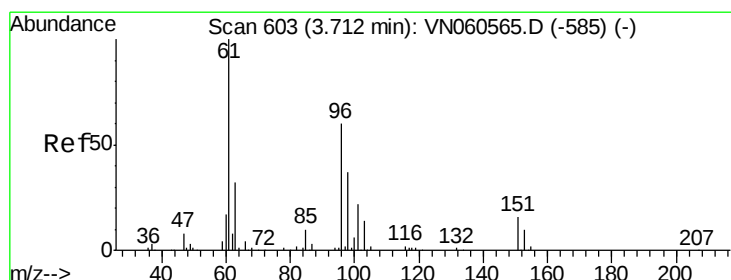
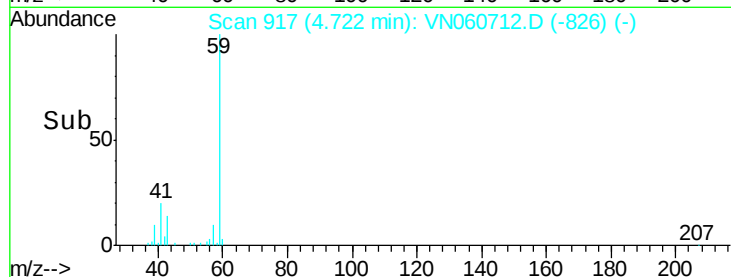
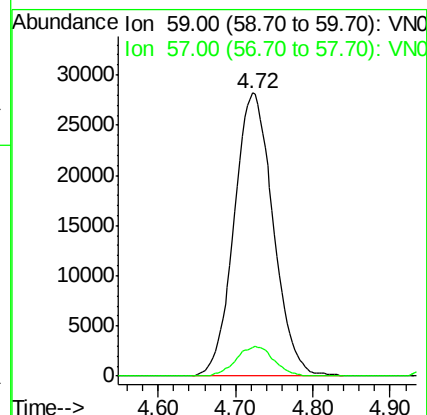
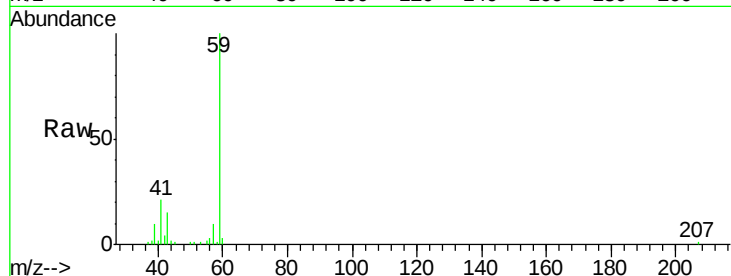


#11

Tert butyl alcohol
 Concen: 258.706 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

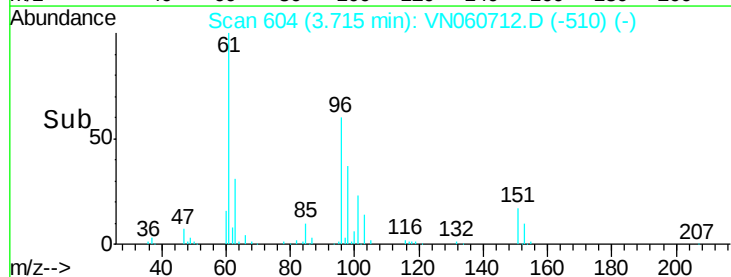
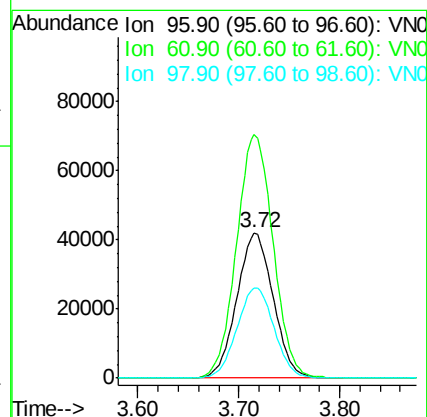
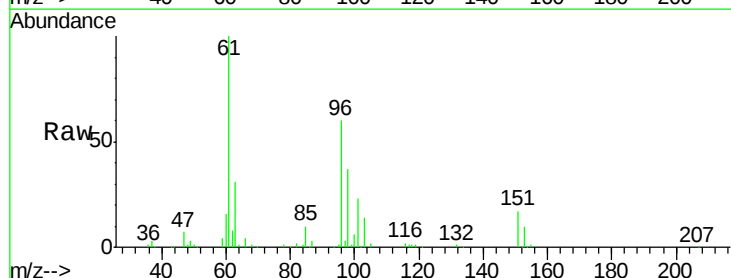
Tgt Ion: 59 Resp: 98808
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

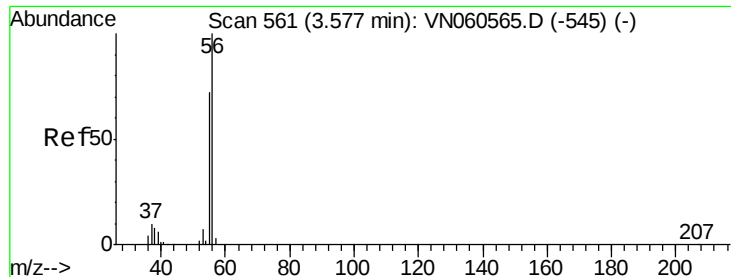


#12

1,1-Dichloroethene
 Concen: 51.416 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion: 96 Resp: 105310
 Ion Ratio Lower Upper
 96 100
 61 167.2 134.1 201.1
 98 62.1 49.9 74.9





#13

Acrolein

Concen: 284.521 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

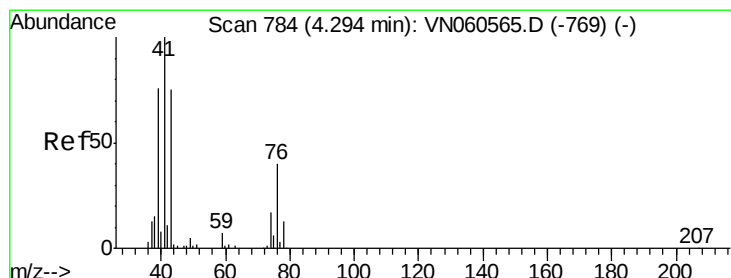
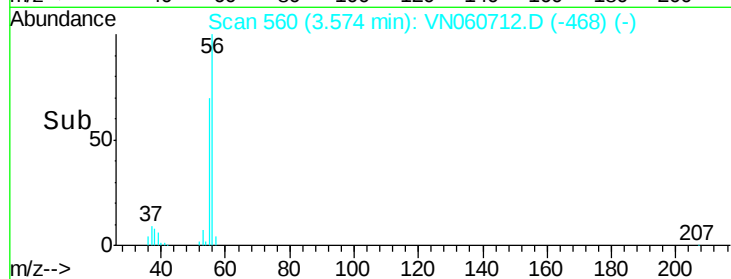
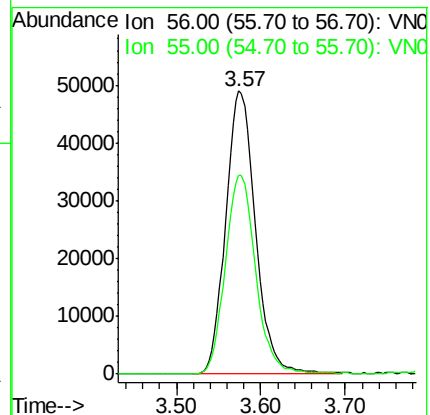
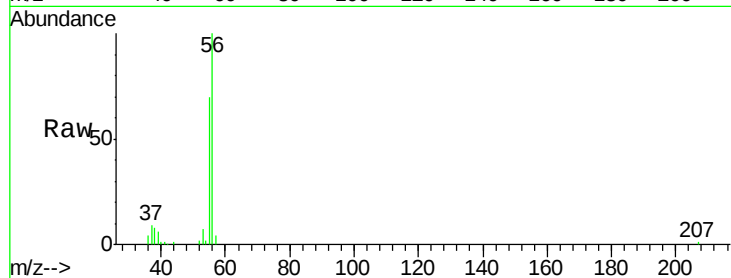
MW203D-20200315MSD

Tgt Ion: 56 Resp: 120436

Ion Ratio Lower Upper

56 100

55 71.6 56.7 85.1



#14

Allyl chloride

Concen: 48.256 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

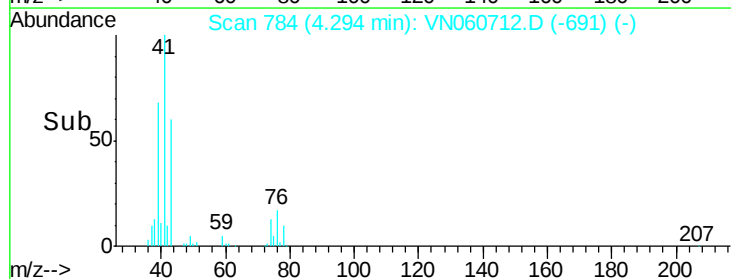
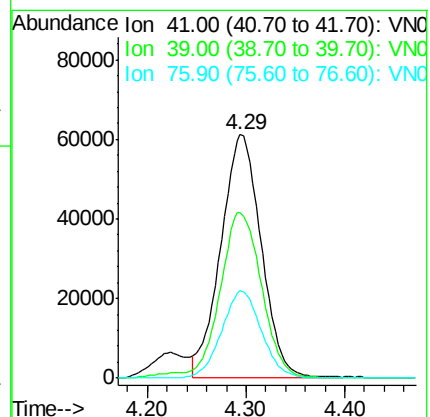
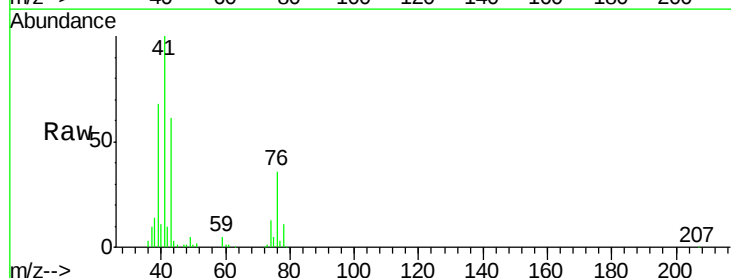
Tgt Ion: 41 Resp: 173833

Ion Ratio Lower Upper

41 100

39 70.1 57.8 86.8

76 35.5 28.6 43.0





#15

Acrylonitrile

Concen: 269.411 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MSD

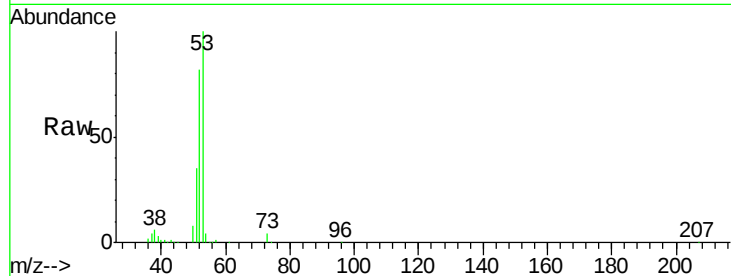
Tgt Ion: 53 Resp: 302577

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

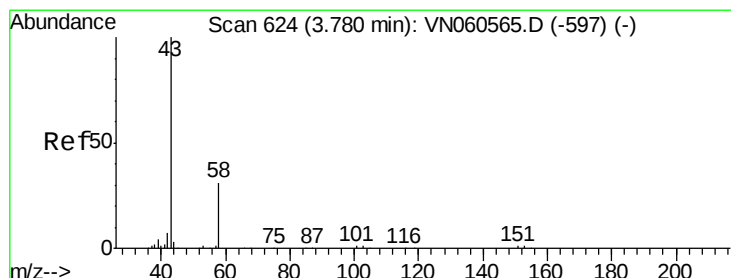
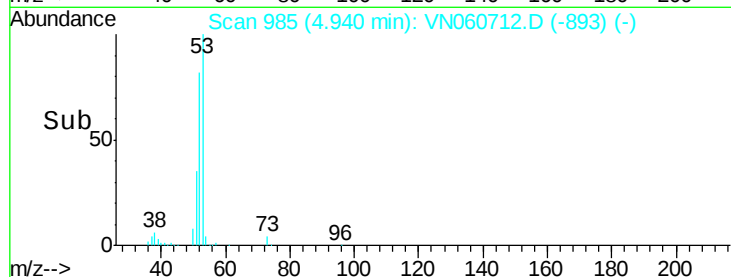
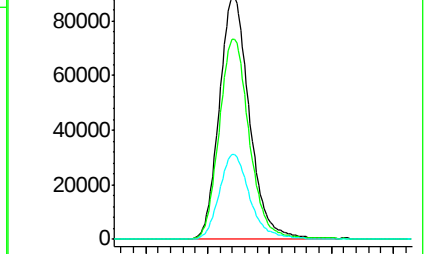
51 35.6 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN060712.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060712.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060712.D (-964) (-)



#16

Acetone

Concen: 265.544 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060712.D

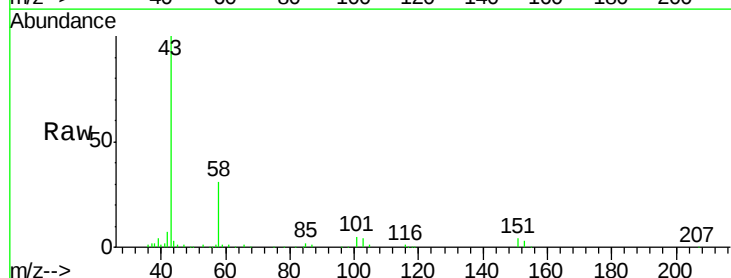
Acq: 26 Mar 2020 14:18

Tgt Ion: 43 Resp: 244274

Ion Ratio Lower Upper

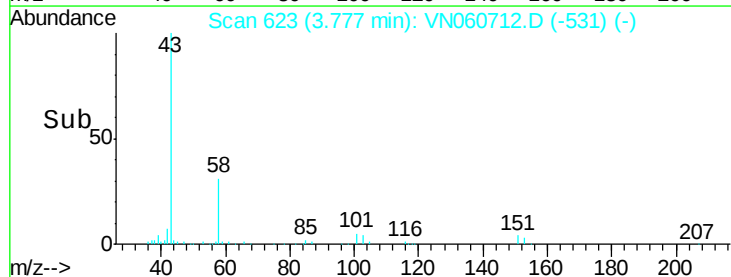
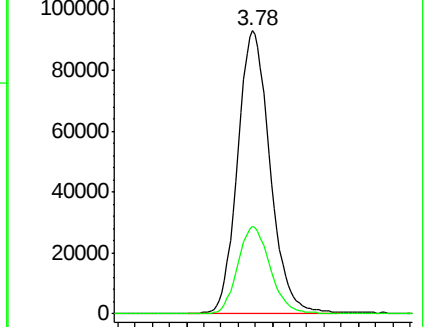
43 100

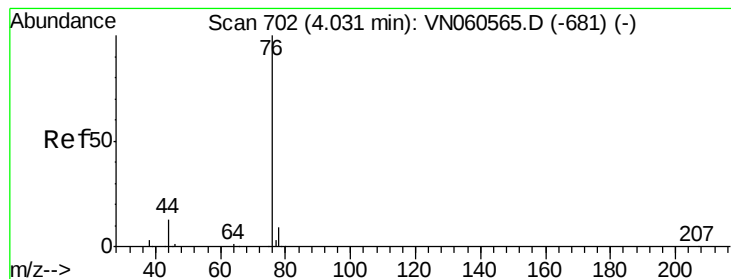
58 30.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060712.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060712.D (-531) (-)





#17

Carbon Disulfide

Concen: 48.407 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

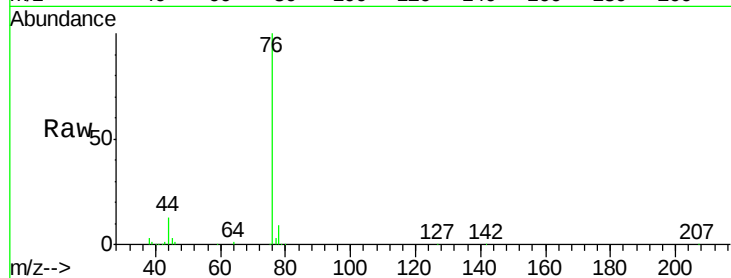
MW203D-20200315MSD

Tgt Ion: 76 Resp: 301536

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060712.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060712.D (-681) (-)

4.03

120000

100000

80000

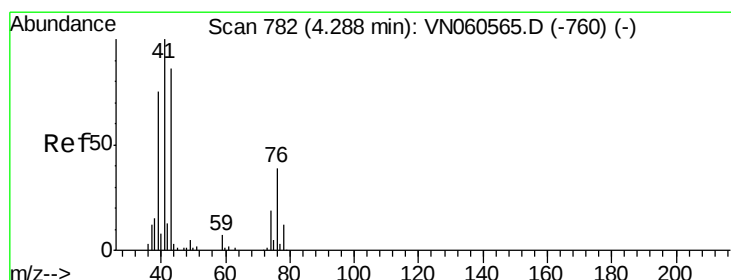
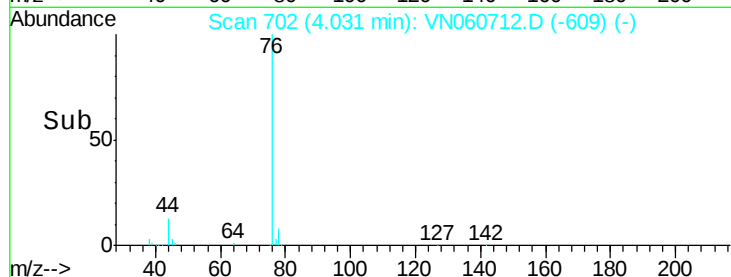
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 46.681 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060712.D

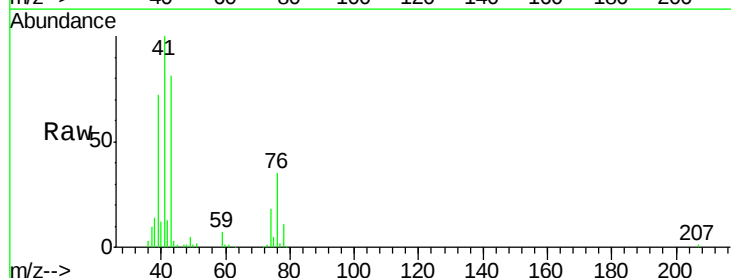
Acq: 26 Mar 2020 14:18

Tgt Ion: 43 Resp: 120869

Ion Ratio Lower Upper

43 100

74 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060712.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060712.D (-689) (-)

4.28

50000

40000

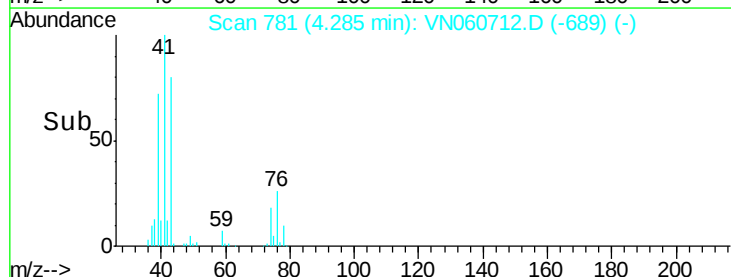
30000

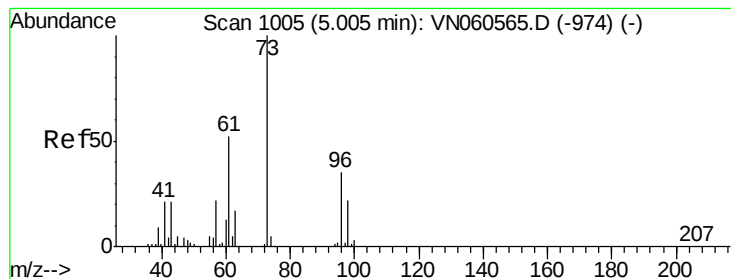
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 50.977 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

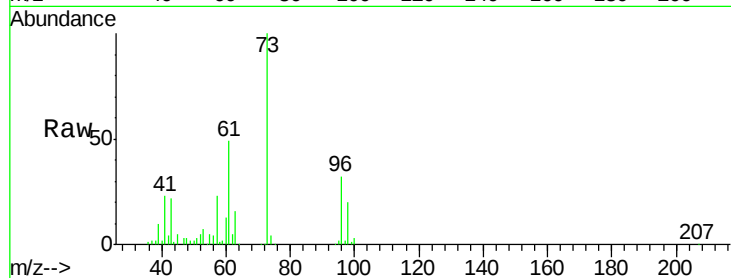
MW203D-20200315MSD

Tgt Ion: 73 Resp: 358978

Ion Ratio Lower Upper

73 100

57 23.4 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VN060712.D (-912) (-)

Ion 57.00 (56.70 to 57.70): VN060712.D (-912) (-)

5.00

100000

80000

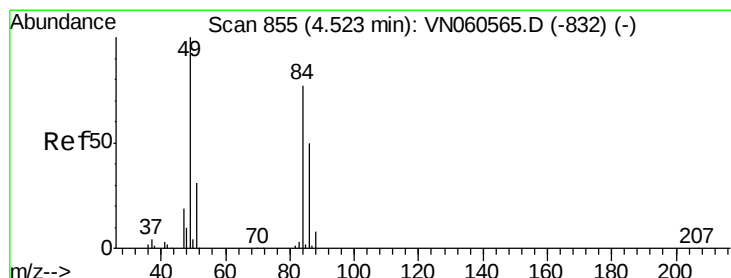
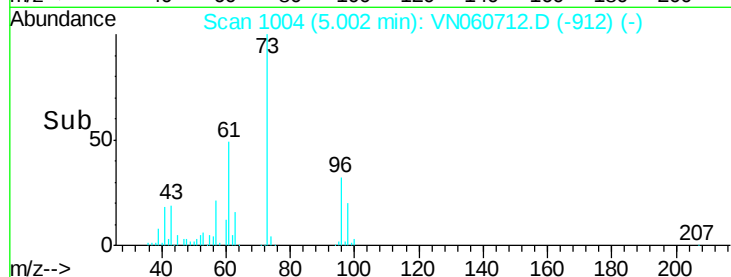
60000

40000

20000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 50.789 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Tgt Ion: 84 Resp: 114931

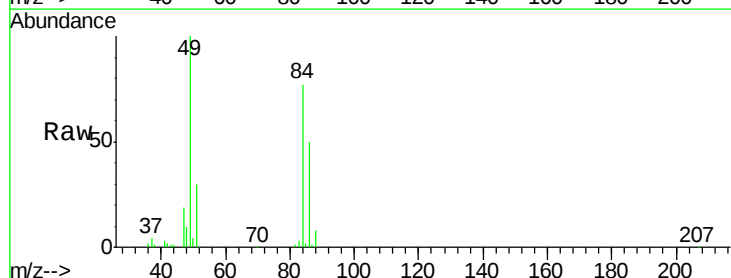
Ion Ratio Lower Upper

84 100

49 129.5 103.3 154.9

51 39.0 31.6 47.4

86 64.7 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VN060712.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN060712.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN060712.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN060712.D (-762) (-)

4.52

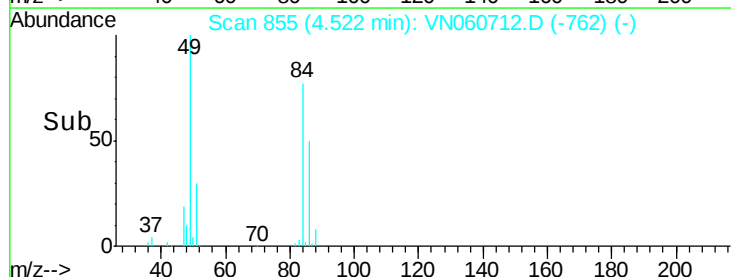
60000

40000

20000

0

Time--> 4.40 4.50 4.60 4.70

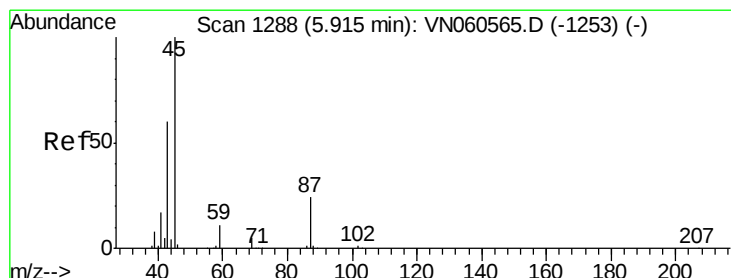
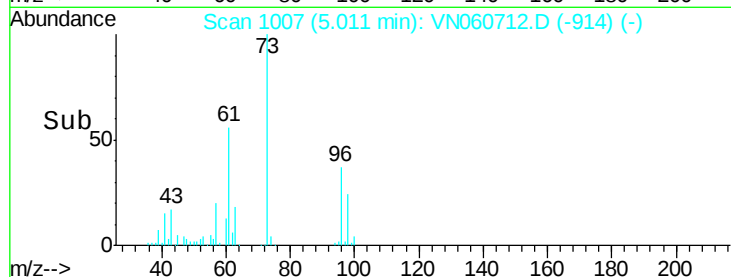
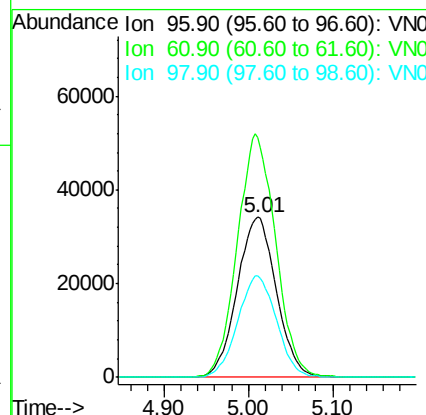
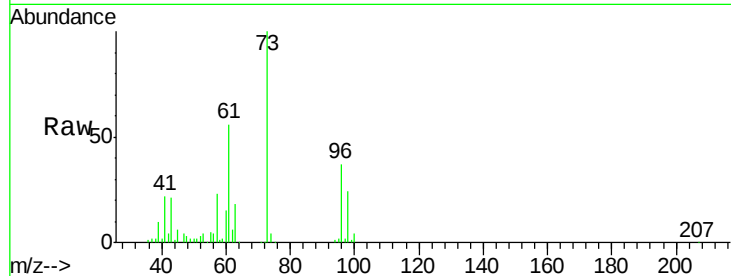




#21
trans-1,2-Dichloroethene
Concen: 50.499 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

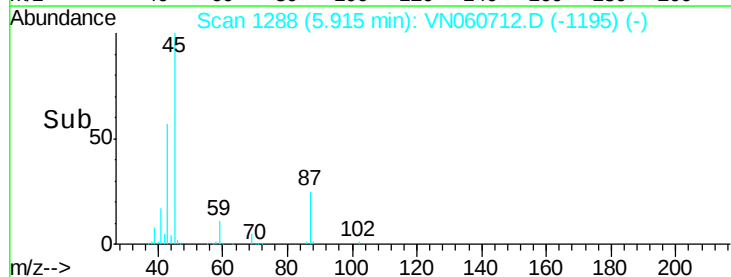
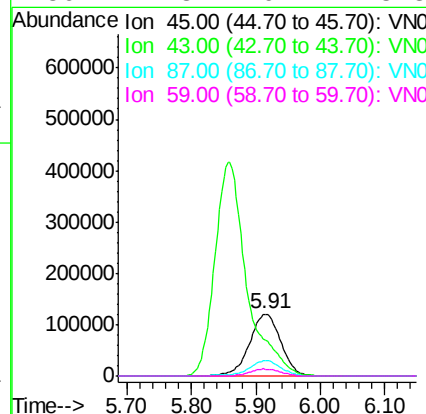
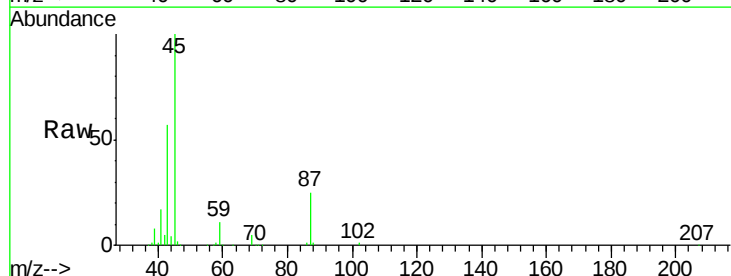
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

Tgt Ion: 96 Resp: 110236
Ion Ratio Lower Upper
96 100
61 149.7 114.4 171.6
98 63.4 48.4 72.6



#22
Diisopropyl ether
Concen: 53.642 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion: 45 Resp: 408250
Ion Ratio Lower Upper
45 100
43 56.6 49.8 74.8
87 24.9 20.1 30.1
59 11.3 9.2 13.8





#23

Vinyl Acetate

Concen: 229.800 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

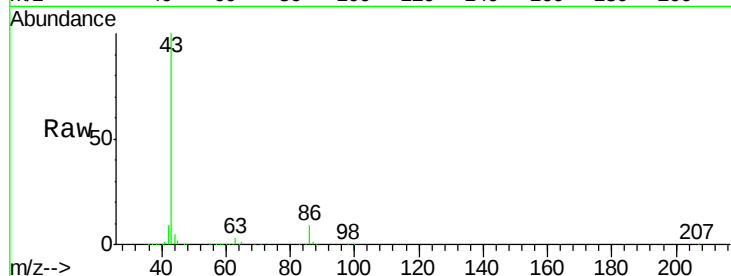
MW203D-20200315MSD

Tgt Ion: 43 Resp: 1426974

Ion Ratio Lower Upper

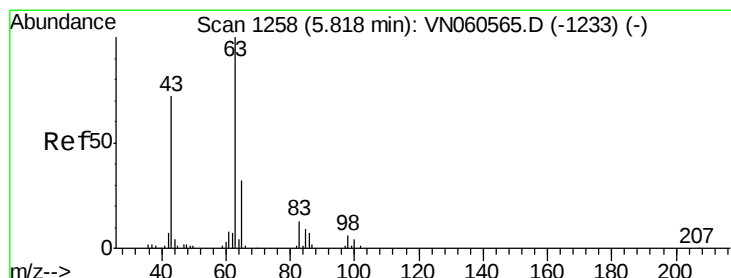
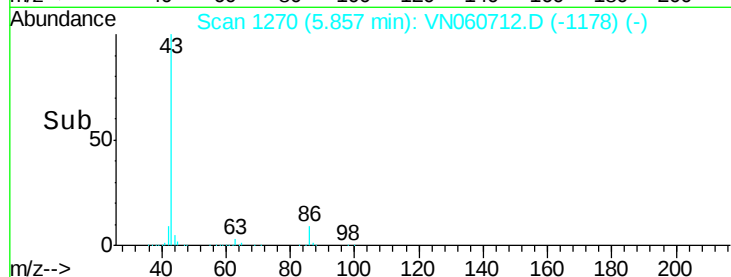
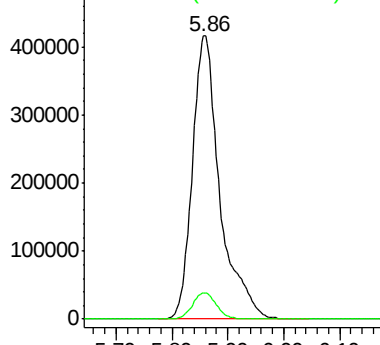
43 100

86 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060712.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060712.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 55.396 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

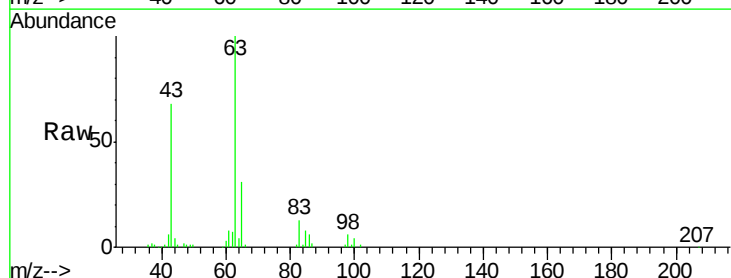
Tgt Ion: 63 Resp: 229836

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

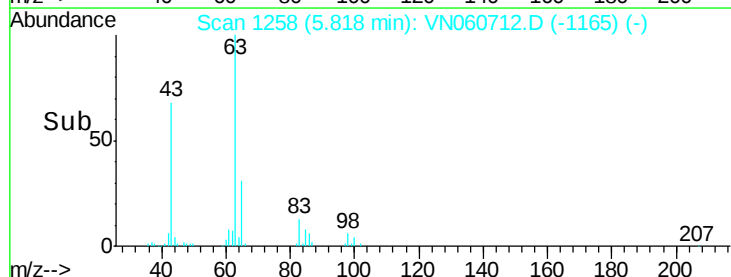
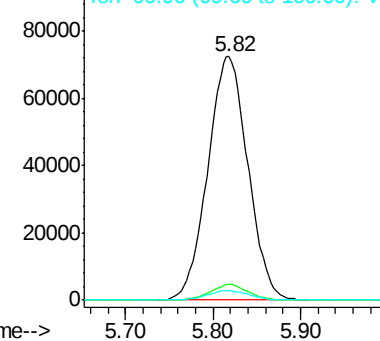
100 3.7 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060712.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060712.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060712.D (-1165) (-)





#25

2-Butanone

Concen: 265.927 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

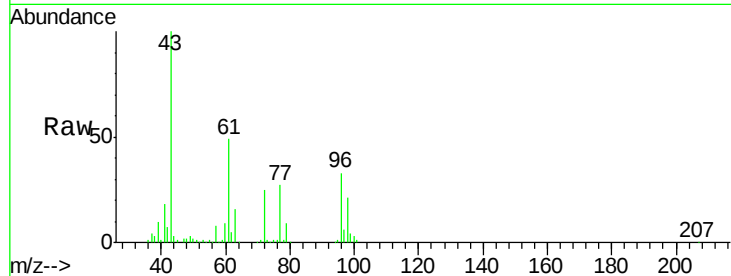
MW203D-20200315MSD

Tgt Ion: 43 Resp: 395848

Ion Ratio Lower Upper

43 100

72 25.0 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

150000

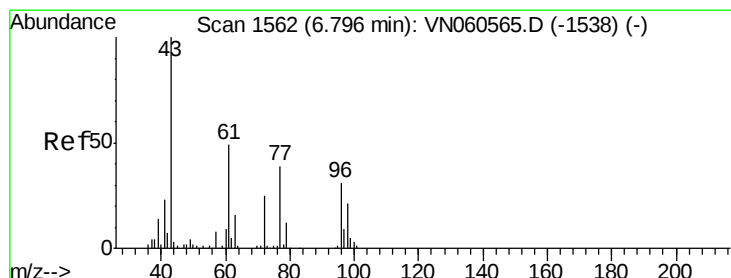
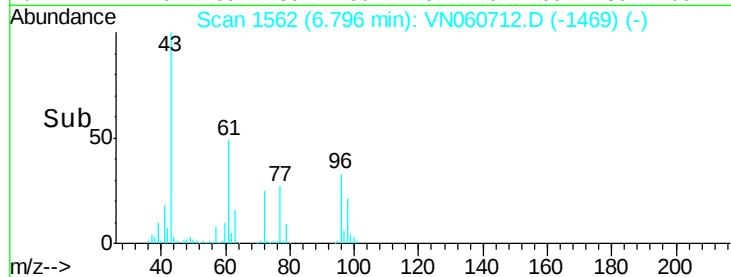
100000

50000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 37.090 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060712.D

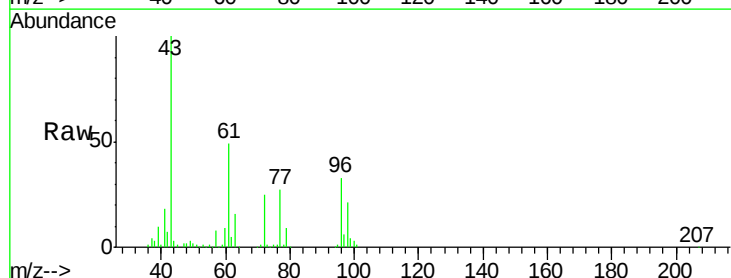
Acq: 26 Mar 2020 14:18

Tgt Ion: 77 Resp: 121074

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

40000

30000

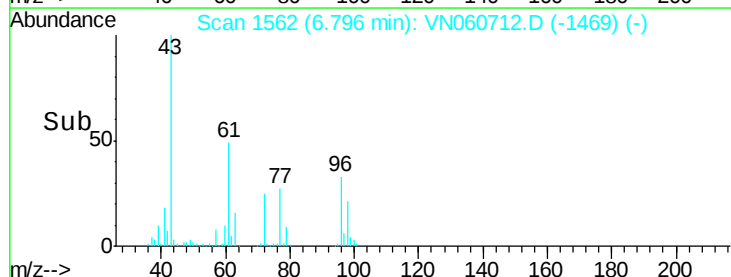
20000

10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 54.675 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MSD

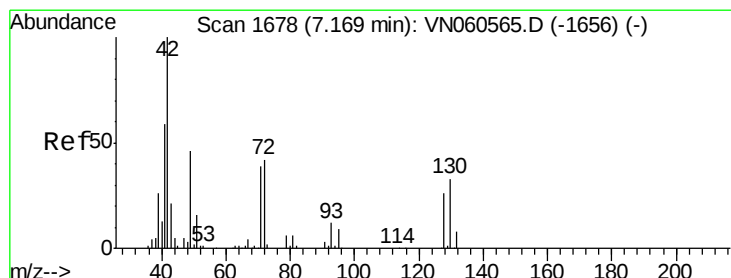
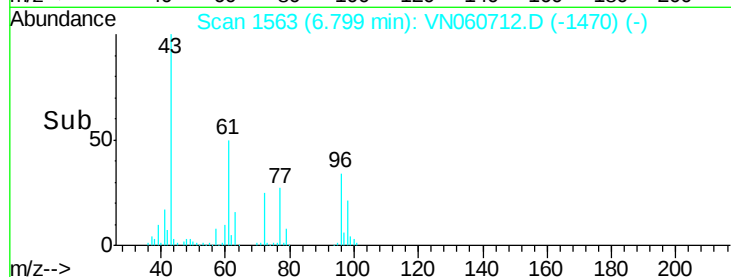
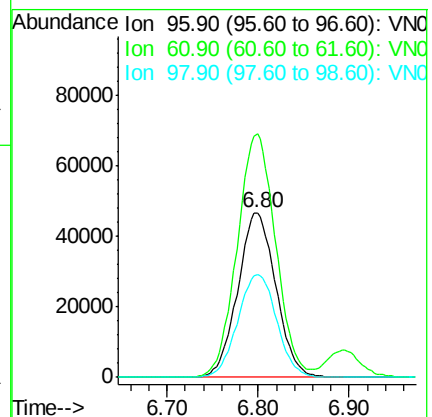
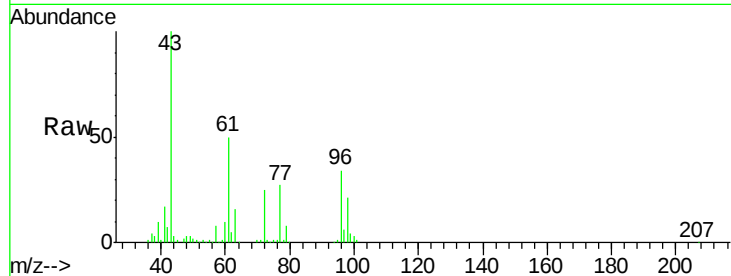
Tgt Ion: 96 Resp: 135628

Ion Ratio Lower Upper

96 100

61 148.9 0.0 305.6

98 63.7 0.0 127.6



#28

Bromochloromethane

Concen: 51.826 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

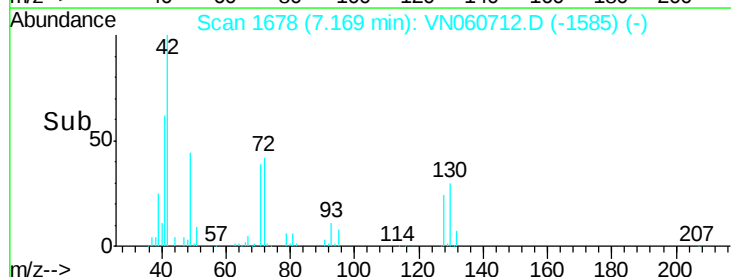
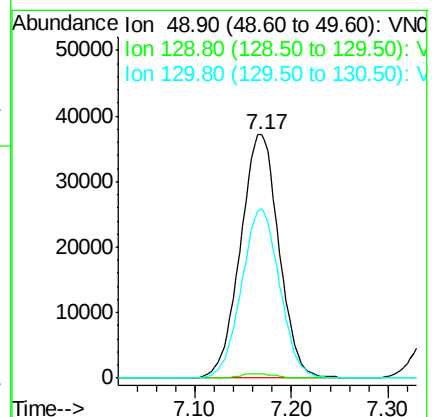
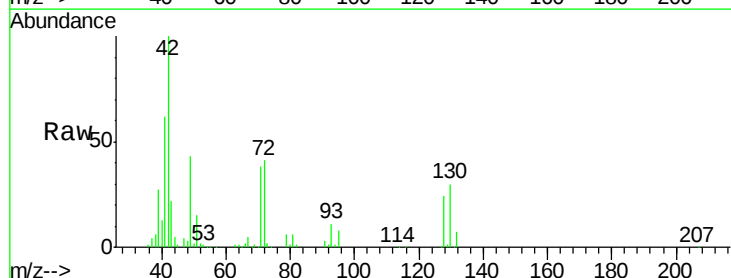
Tgt Ion: 49 Resp: 102876

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.4

130 68.5 55.0 82.4

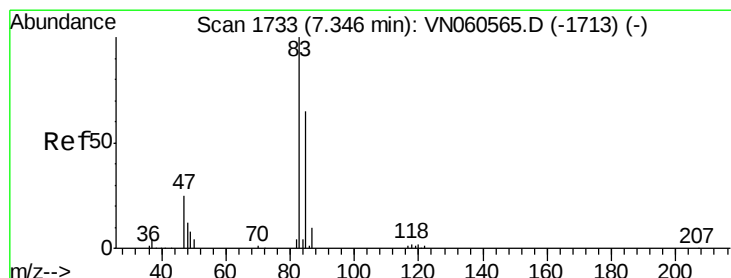
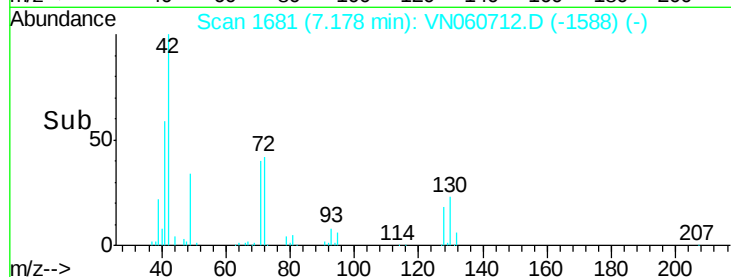
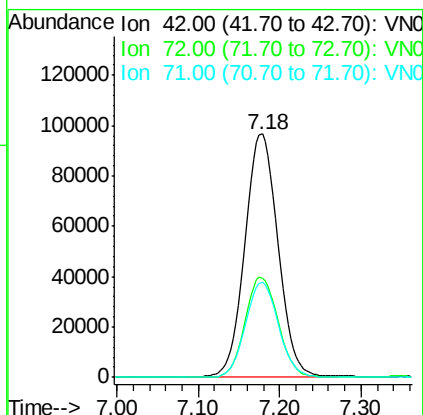
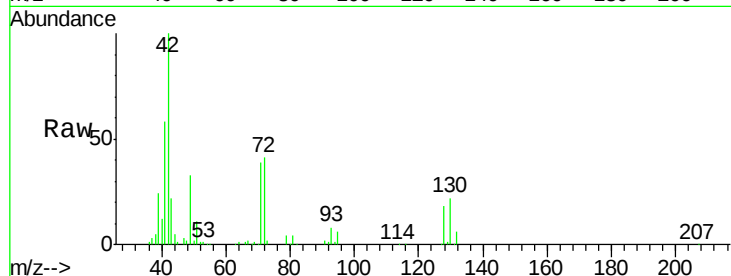




#29
Tetrahydrofuran
Concen: 258.092 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

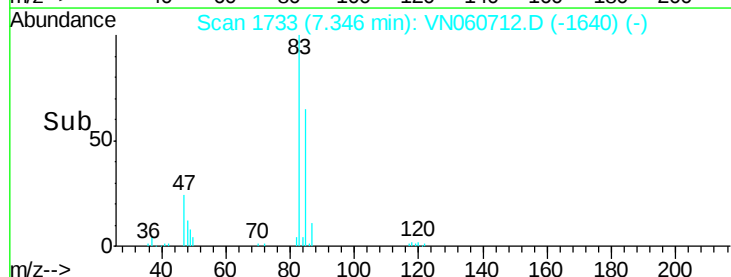
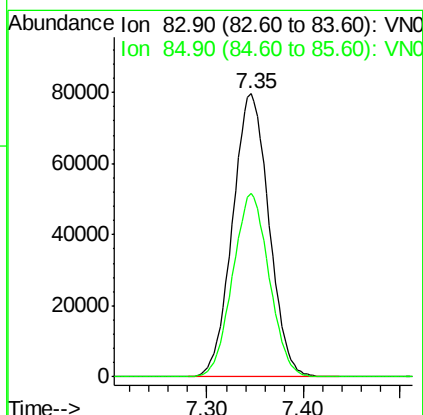
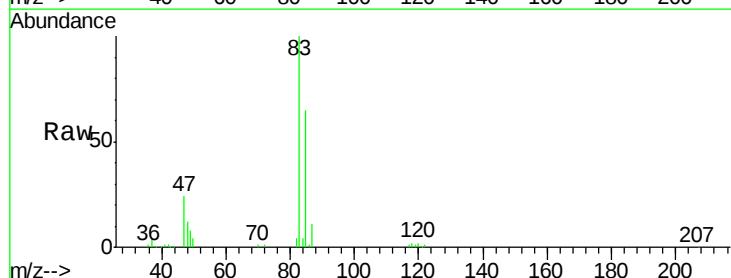
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

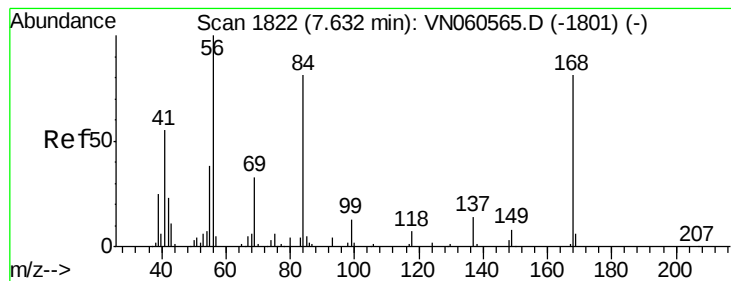
Tgt Ion: 42 Resp: 271826
Ion Ratio Lower Upper
42 100
72 40.9 33.2 49.8
71 38.8 31.1 46.7



#30
Chloroform
Concen: 52.307 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion: 83 Resp: 208048
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8





#31

Cyclohexane

Concen: 48.345 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MSD

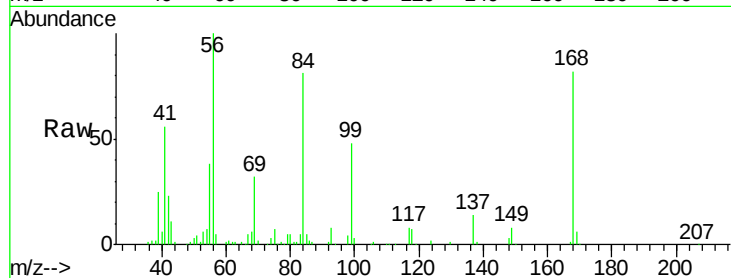
Tgt Ion: 56 Resp: 202215

Ion Ratio Lower Upper

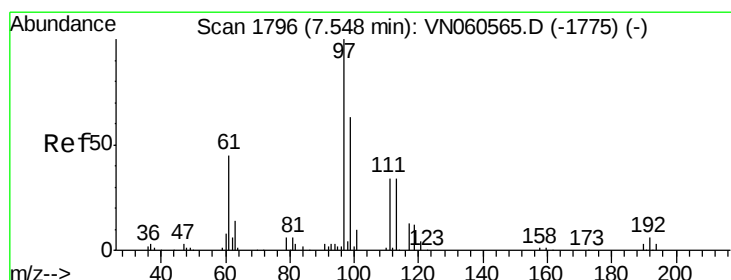
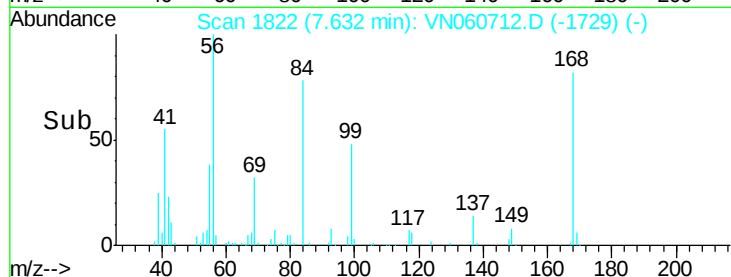
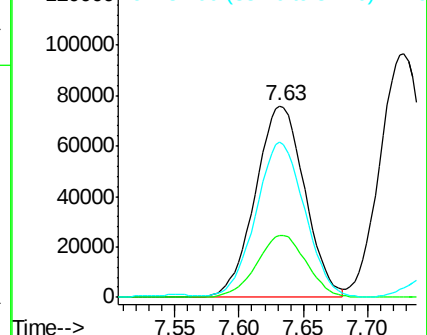
56 100

69 32.4 26.6 40.0

84 80.2 64.3 96.5



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



#32

1,1,1-Trichloroethane

Concen: 52.779 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

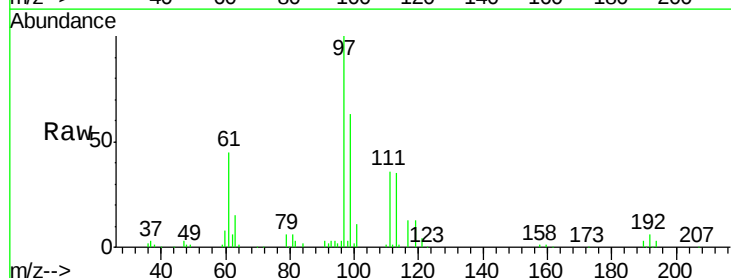
Tgt Ion: 97 Resp: 180969

Ion Ratio Lower Upper

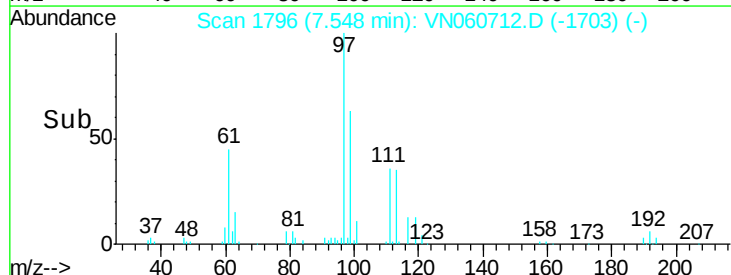
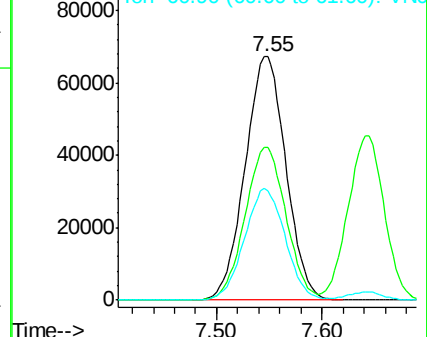
97 100

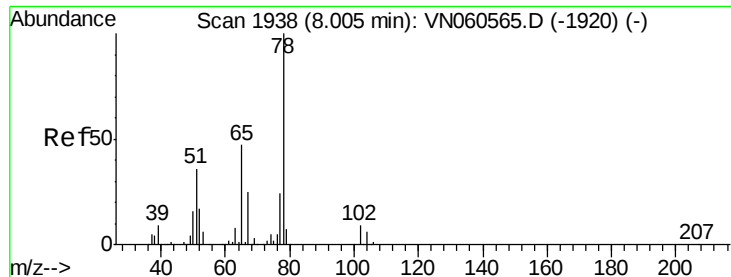
99 62.9 50.6 75.8

61 45.7 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.451 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

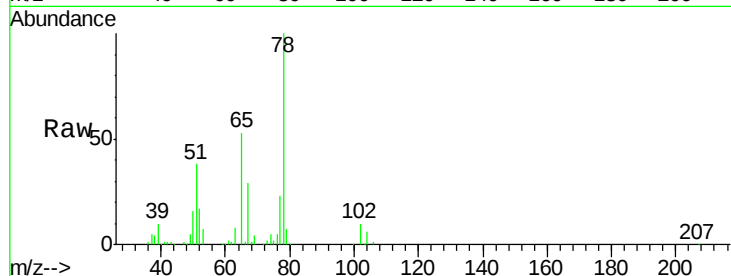
MW203D-20200315MSD

Tgt Ion: 65 Resp: 131019

Ion Ratio Lower Upper

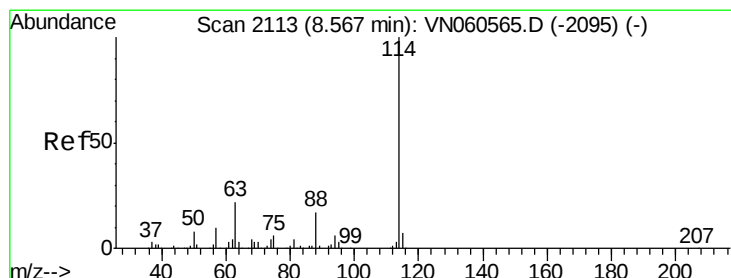
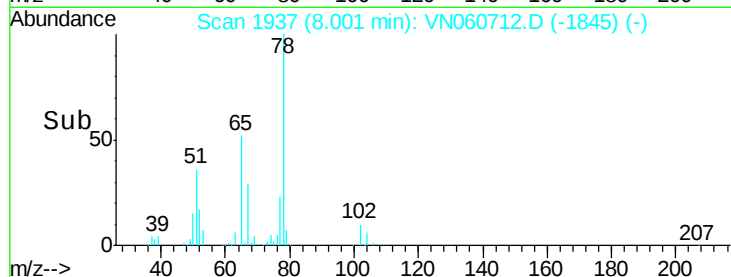
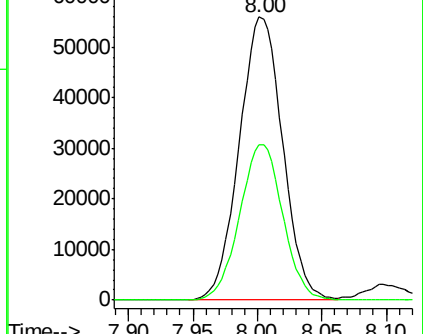
65 100

67 54.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060712.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060712.D (-1920) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

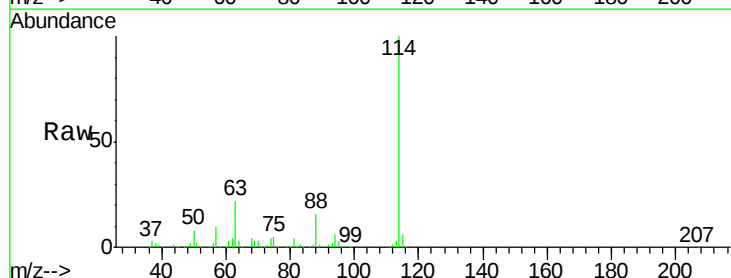
Tgt Ion: 114 Resp: 330563

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

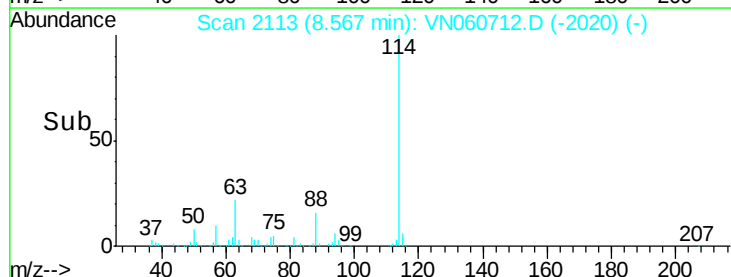
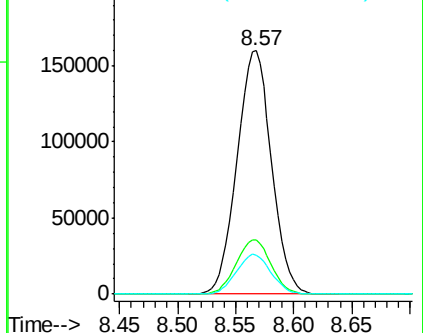
88 16.2 0.0 33.0

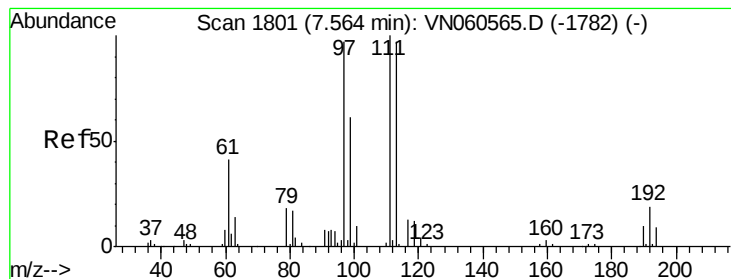


Abundance Ion 113.90 (113.60 to 114.60): VN060712.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN060712.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN060712.D (-2095) (-)





#35

Dibromofluoromethane

Concen: 49.274 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MSD

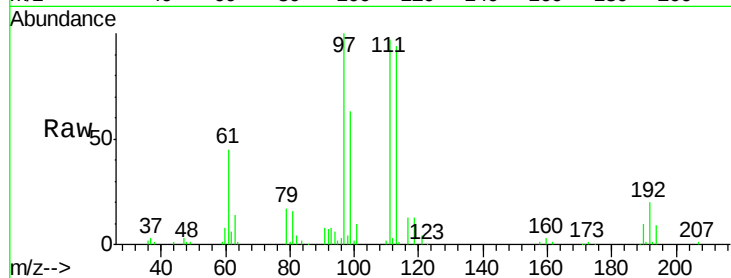
Tgt Ion: 113 Resp: 98490

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

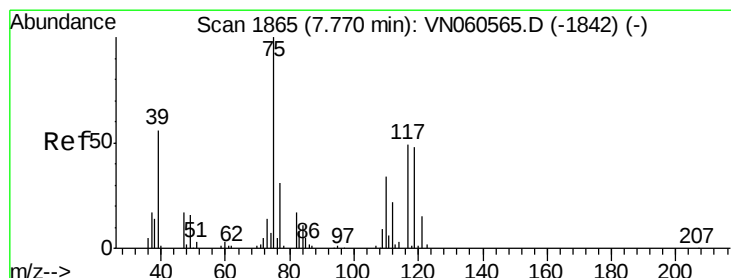
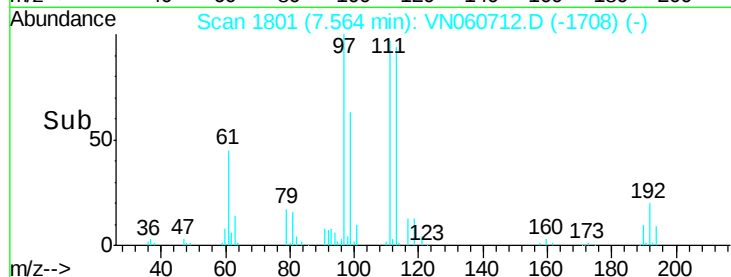
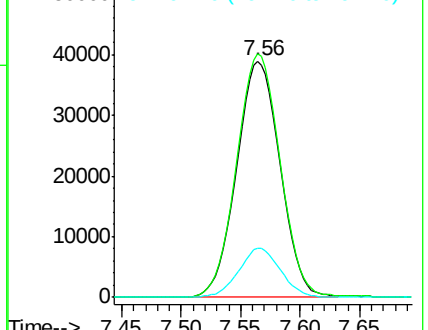
192 20.0 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.312 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

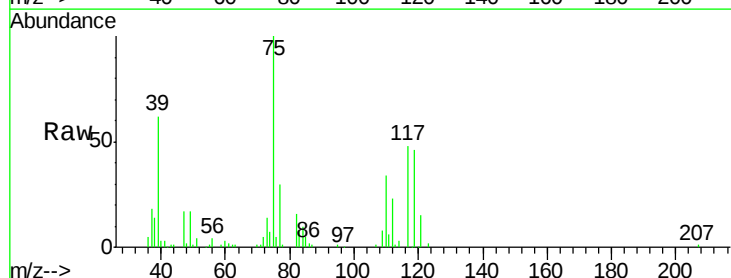
Tgt Ion: 75 Resp: 157841

Ion Ratio Lower Upper

75 100

110 33.5 16.9 50.6

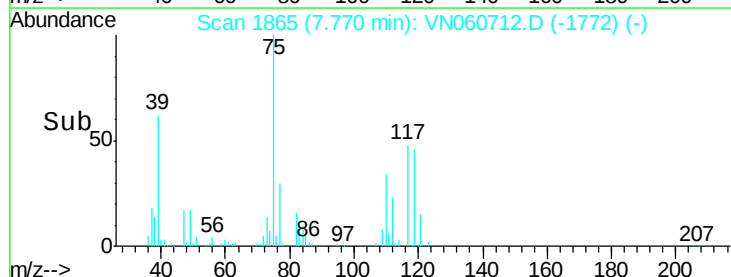
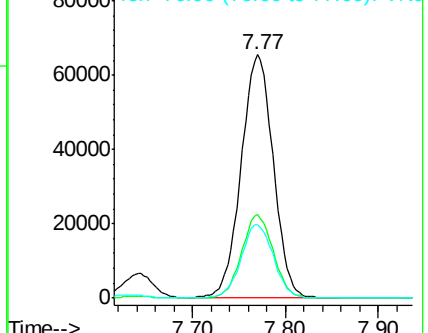
77 30.4 24.6 36.8

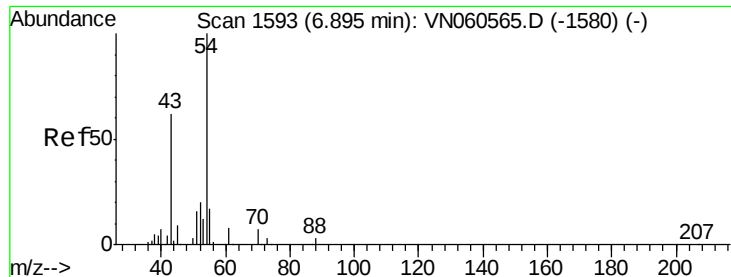


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

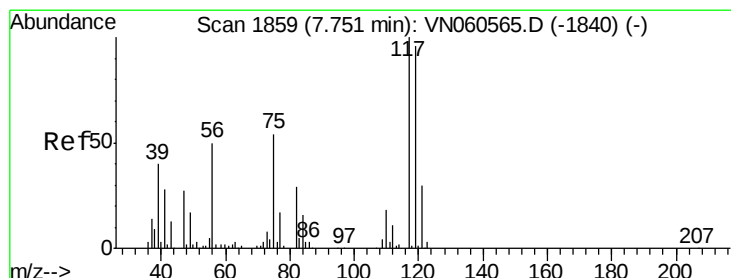
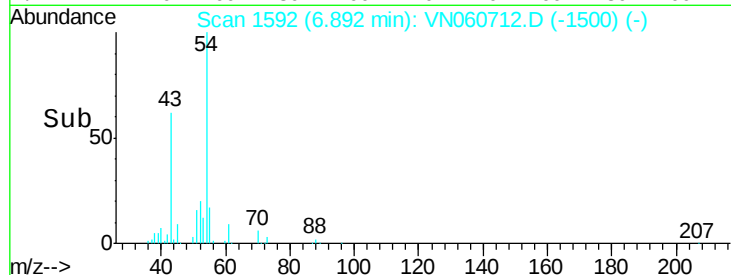
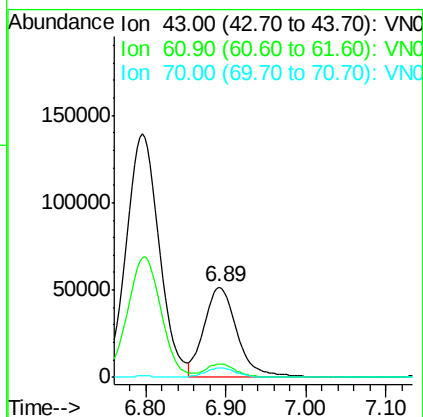
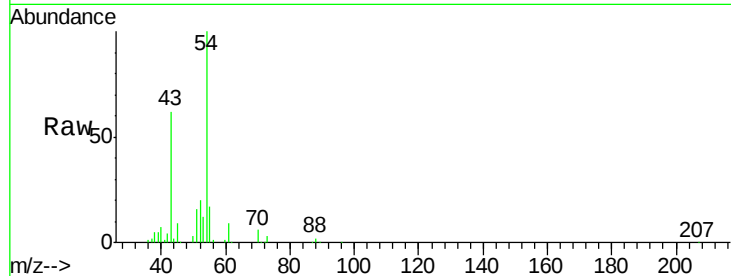




#37
 Ethyl Acetate
 Concen: 42.633 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

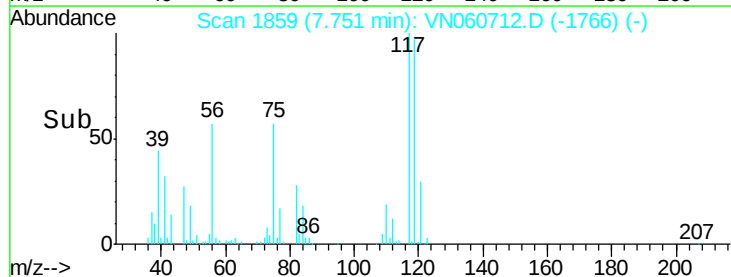
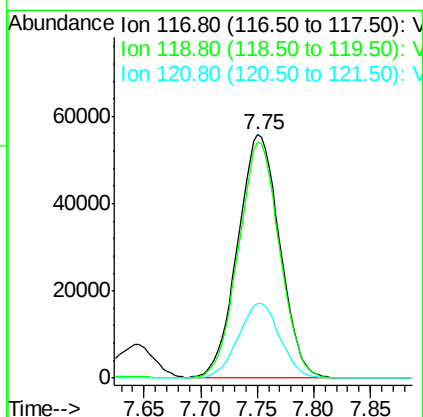
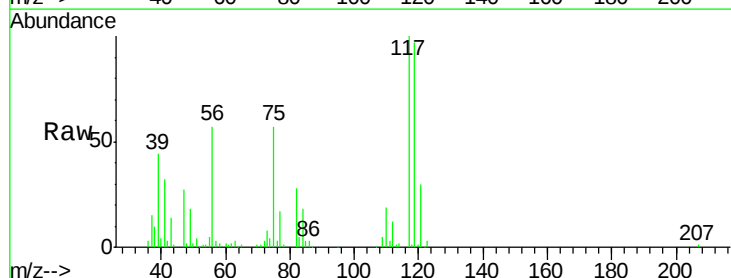
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

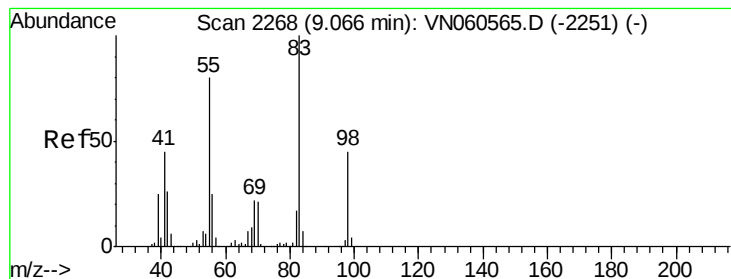
Tgt Ion: 43 Resp: 147452
 Ion Ratio Lower Upper
 43 100
 61 14.1 10.6 15.8
 70 10.1 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 50.314 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion: 117 Resp: 144342
 Ion Ratio Lower Upper
 117 100
 119 96.6 76.2 114.2
 121 30.4 23.7 35.5

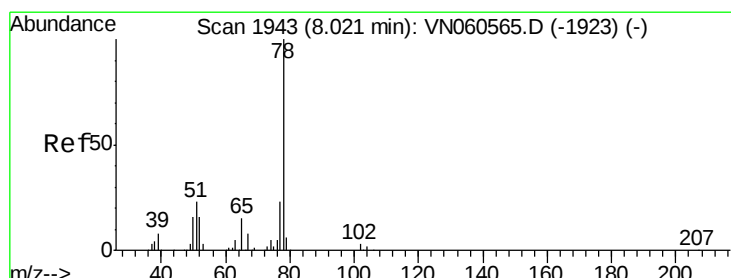
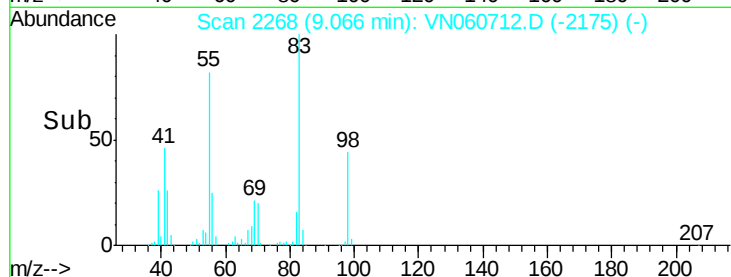
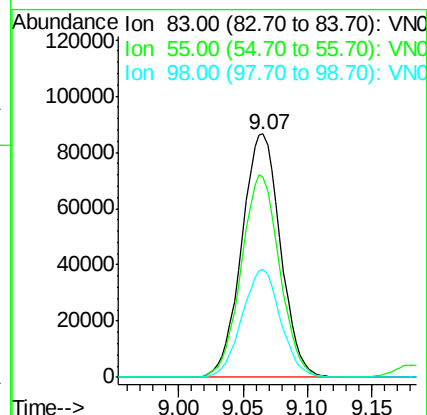
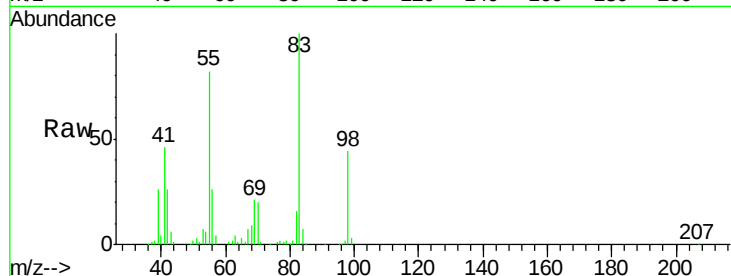




#39
Methylcyclohexane
Concen: 47.650 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

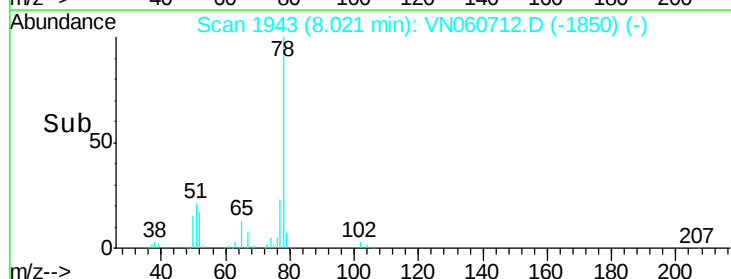
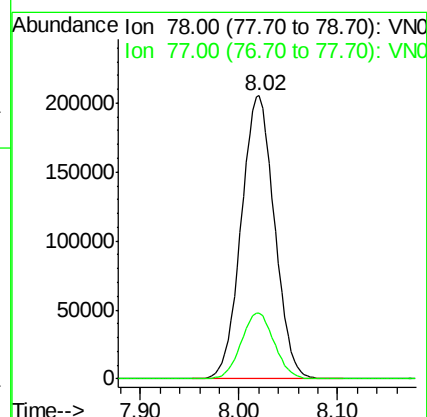
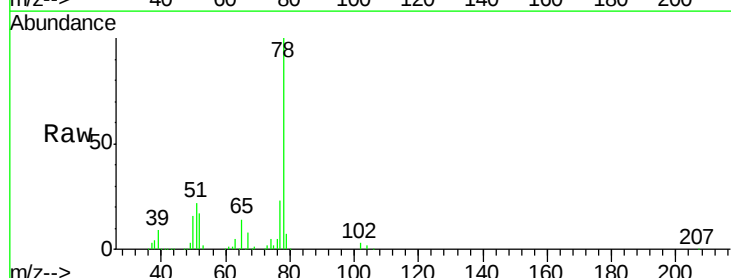
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

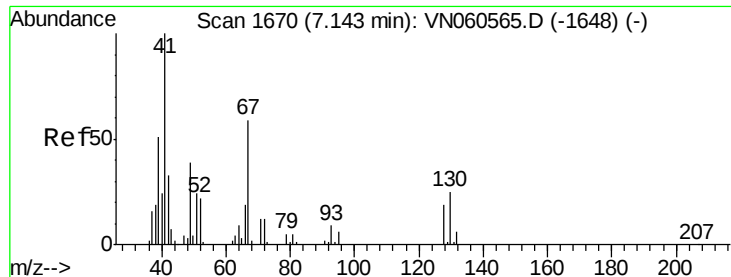
Tgt Ion: 83 Resp: 181253
Ion Ratio Lower Upper
83 100
55 82.3 63.6 95.4
98 44.3 36.0 54.0



#40
Benzene
Concen: 49.551 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion: 78 Resp: 478795
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0

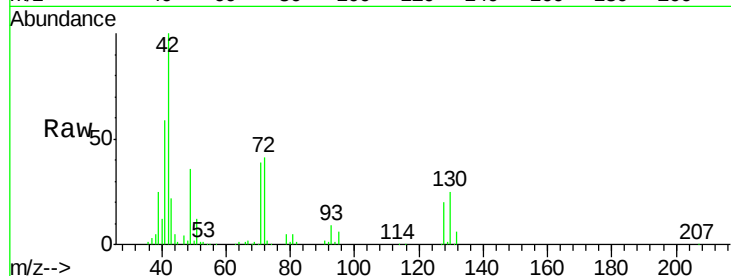




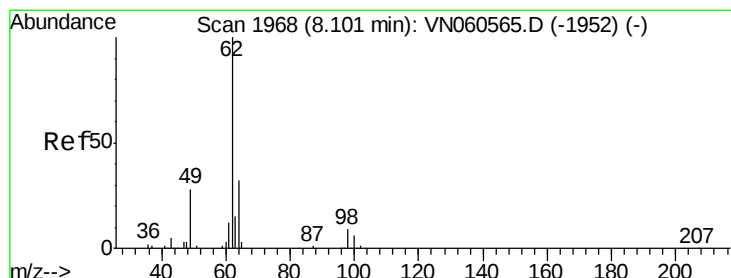
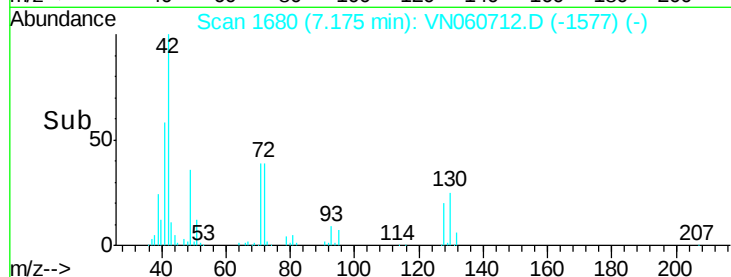
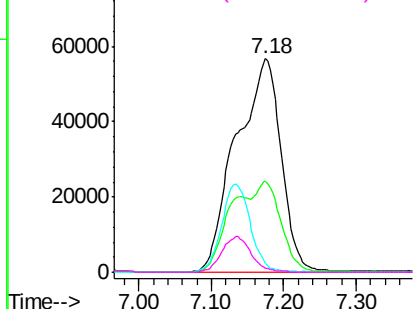
#41
Methacrylonitrile
Concen: 165.411 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

Tgt Ion:	41	Resp:	244153
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

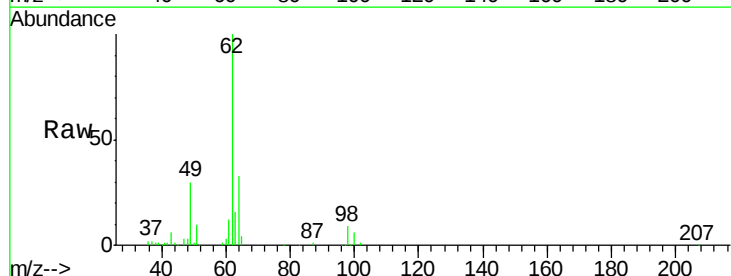


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

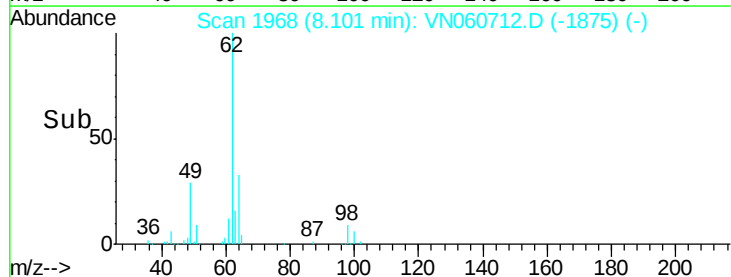
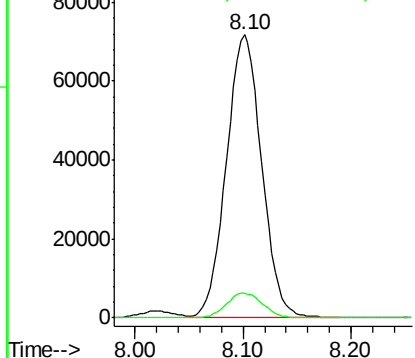


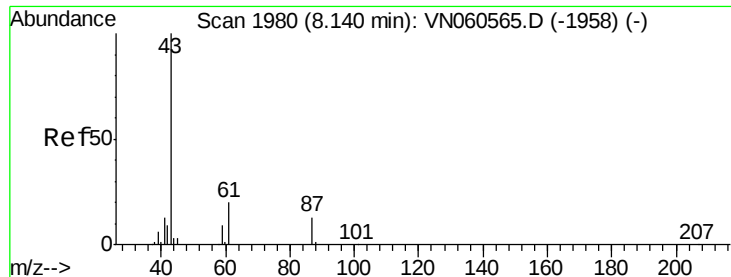
#42
1,2-Dichloroethane
Concen: 49.488 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion:	62	Resp:	163420
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 46.344 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MSD

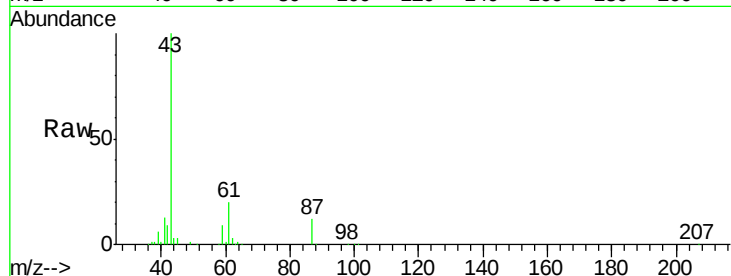
Tgt Ion: 43 Resp: 264343

Ion Ratio Lower Upper

43 100

61 26.5 20.7 31.1

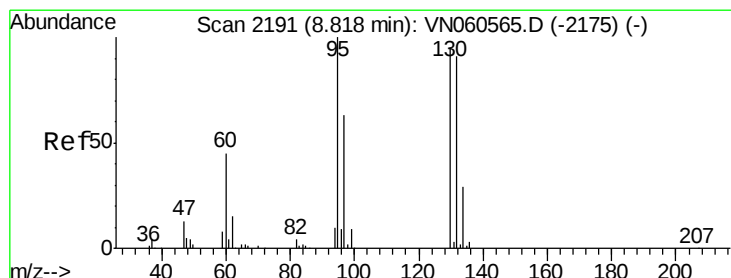
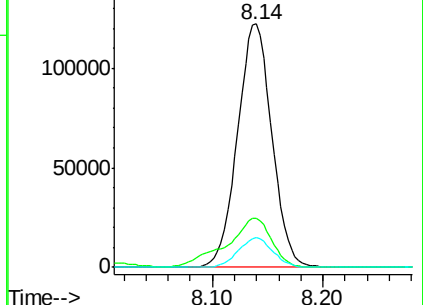
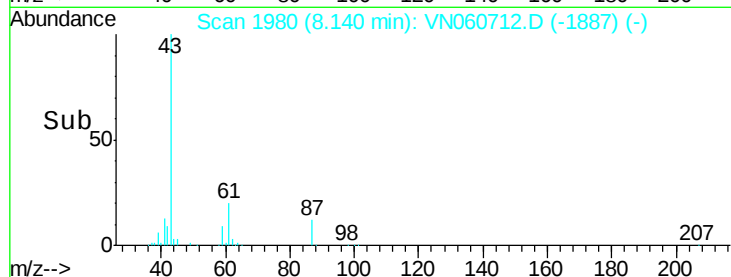
87 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060712.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060712.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060712.D (-1887) (-)



#44

Trichloroethene

Concen: 68.359 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060712.D

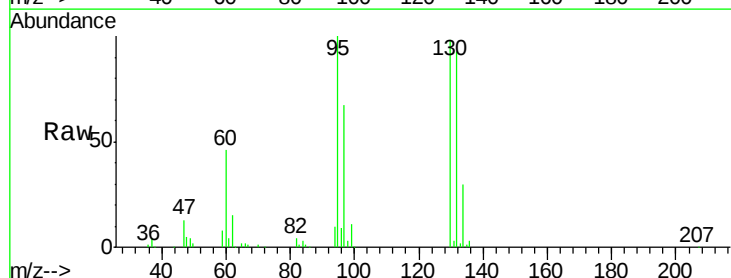
Acq: 26 Mar 2020 14:18

Tgt Ion: 130 Resp: 166513

Ion Ratio Lower Upper

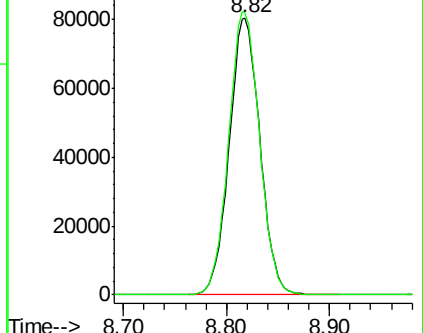
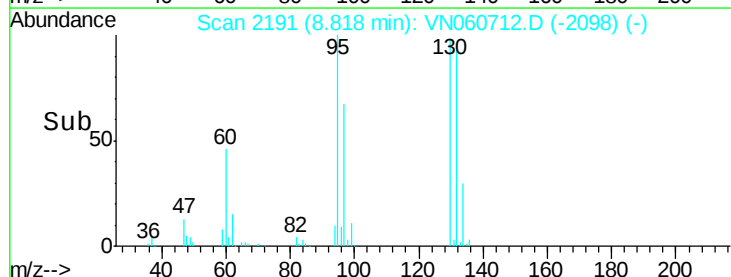
130 100

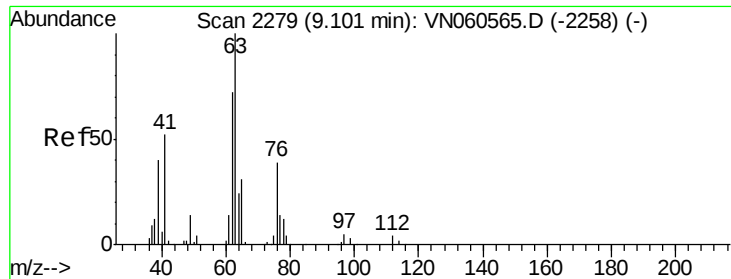
95 101.9 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060712.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060712.D (-2098) (-)

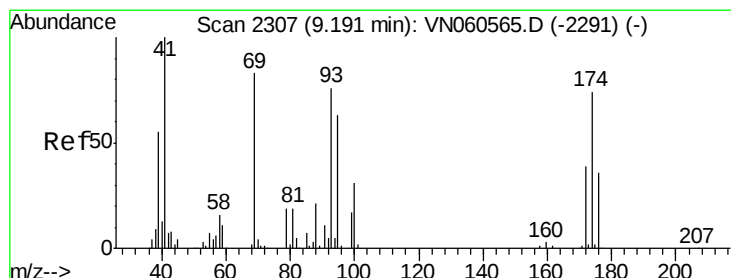
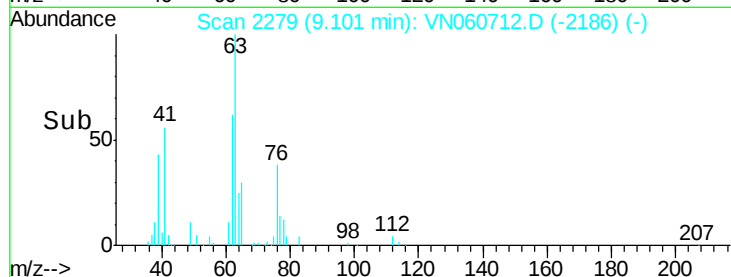
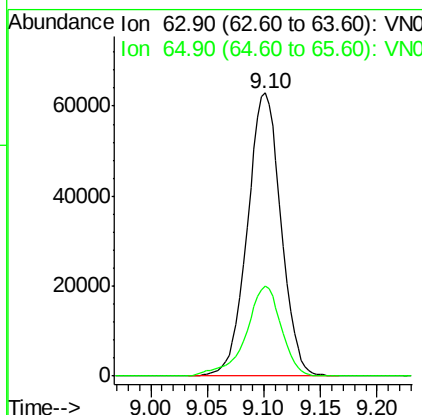
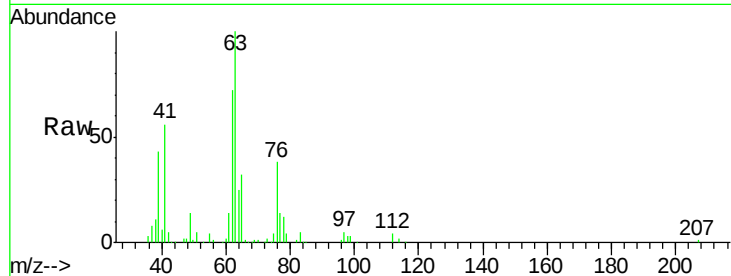




#45
 1,2-Dichloropropane
 Concen: 50.945 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

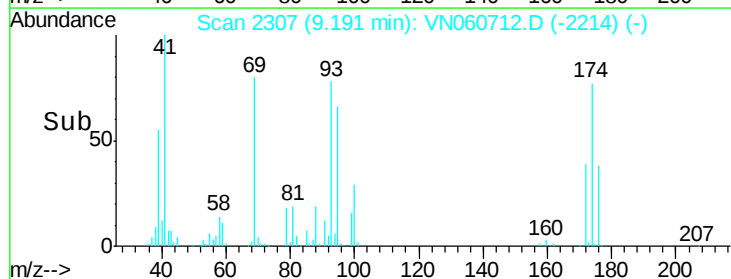
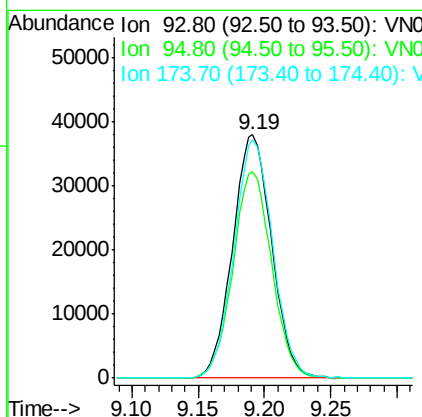
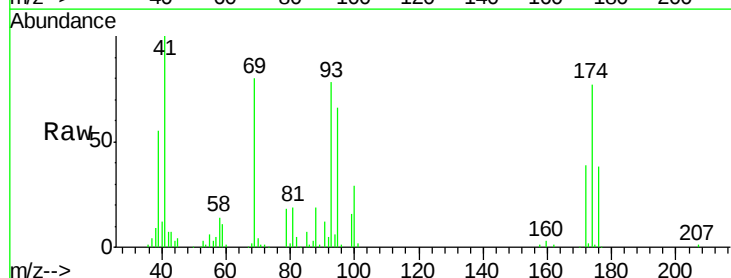
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

Tgt Ion: 63 Resp: 129893
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.0



#46
 Dibromomethane
 Concen: 50.372 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion: 93 Resp: 77645
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.2 99.4
 174 97.3 77.9 116.9





#47

Bromodichloromethane

Concen: 50.111 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MSD

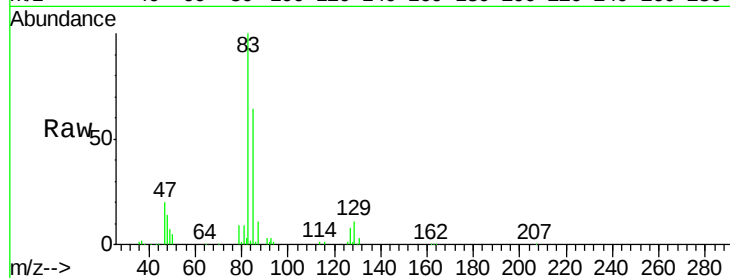
Tgt Ion: 83 Resp: 160511

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6

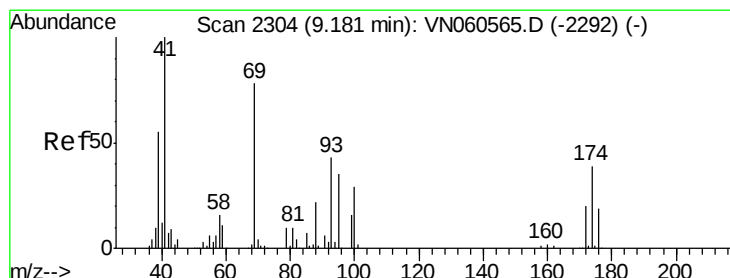
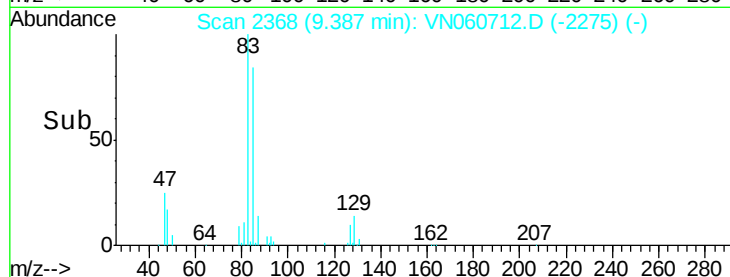
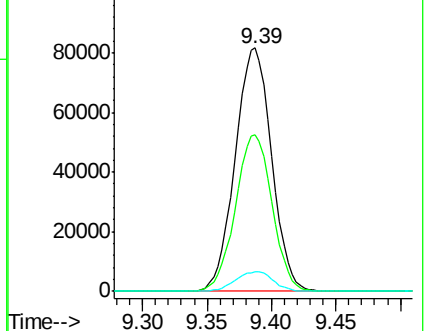
127 8.0 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060712.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060712.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060712.D (-2275) (-)



#48

Methyl methacrylate

Concen: 50.296 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

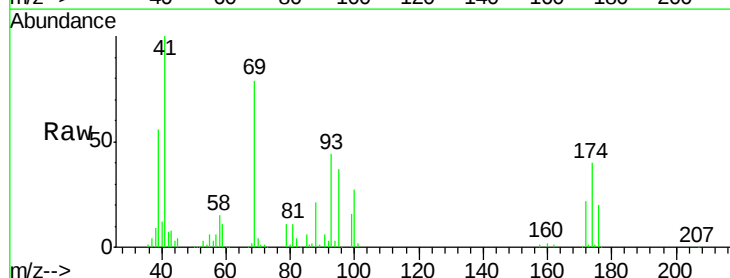
Tgt Ion: 41 Resp: 127728

Ion Ratio Lower Upper

41 100

69 80.9 65.4 98.0

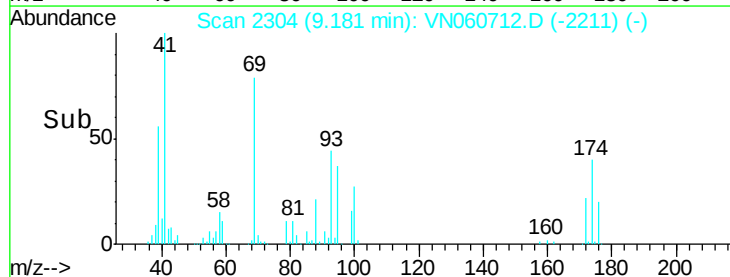
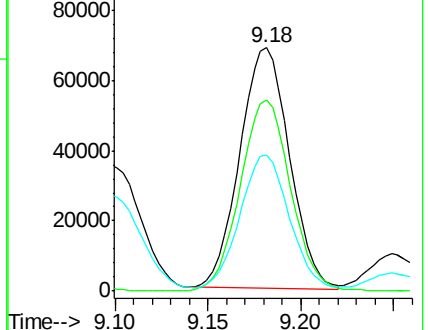
39 57.4 44.0 66.0

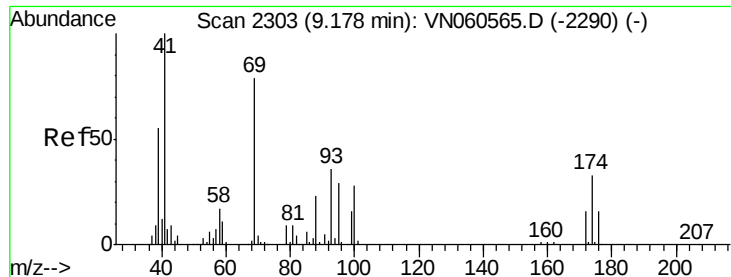


Abundance Ion 41.00 (40.70 to 41.70): VN060712.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060712.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060712.D (-2211) (-)

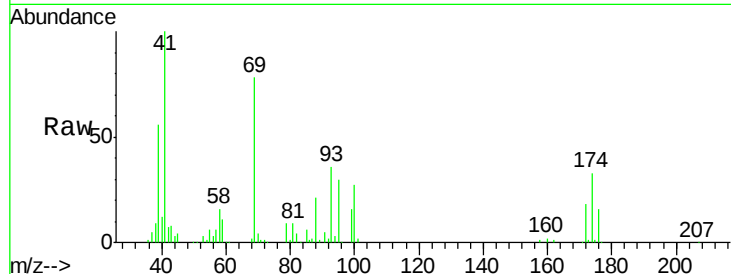




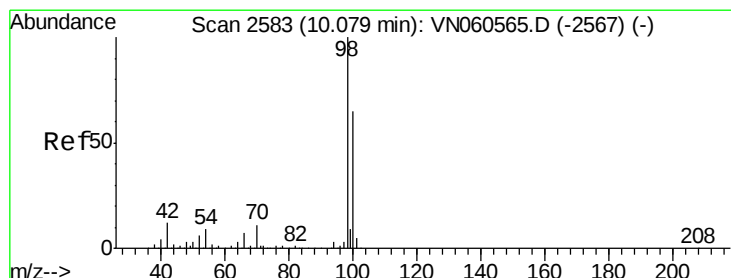
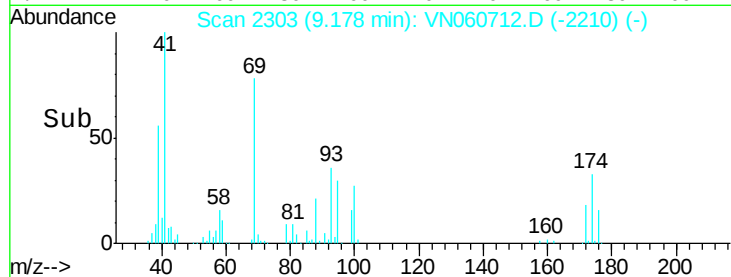
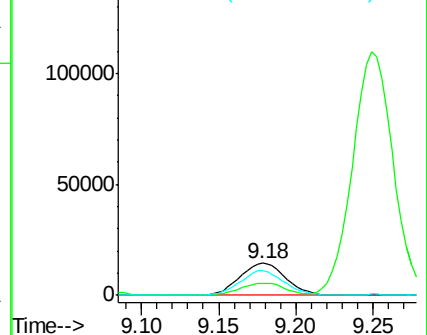
#49
1,4-Dioxane
Concen: 993.125 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

Tgt Ion: 88 Resp: 29978
Ion Ratio Lower Upper
88 100
43 37.3 30.8 46.2
58 74.2 59.8 89.8

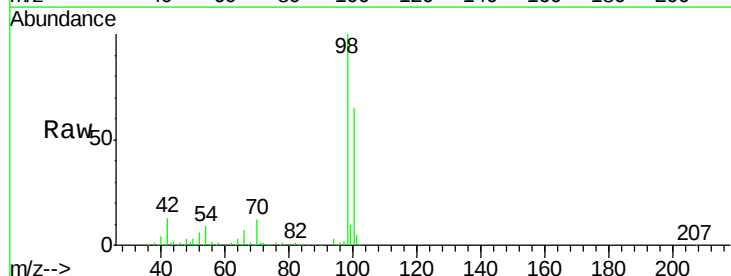


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

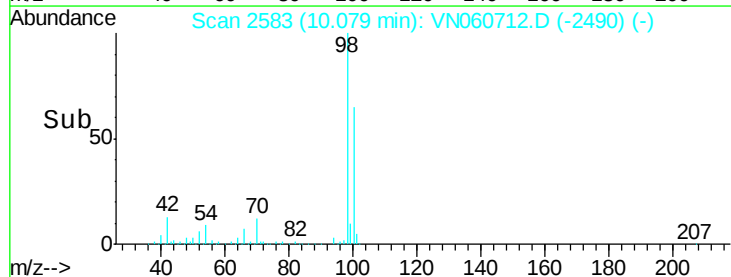
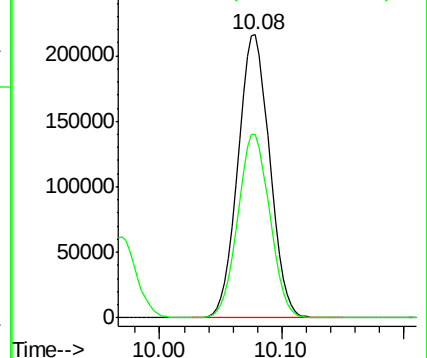


#50
Toluene-d8
Concen: 47.722 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion: 98 Resp: 389618
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.8



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

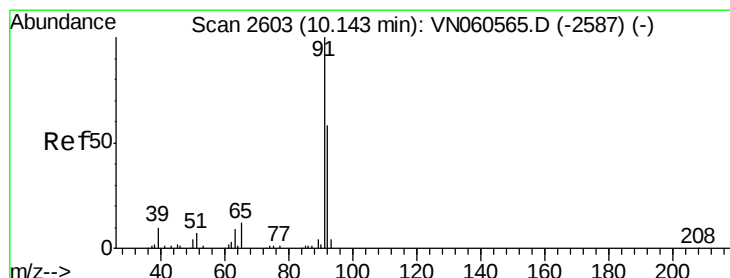
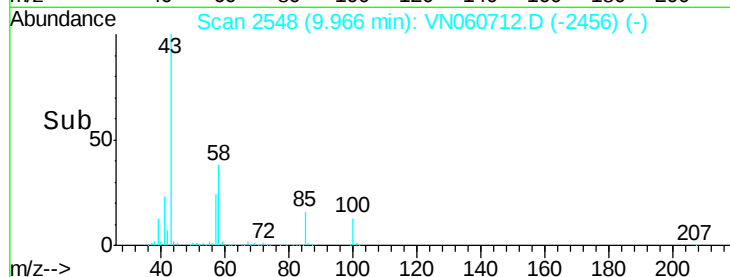
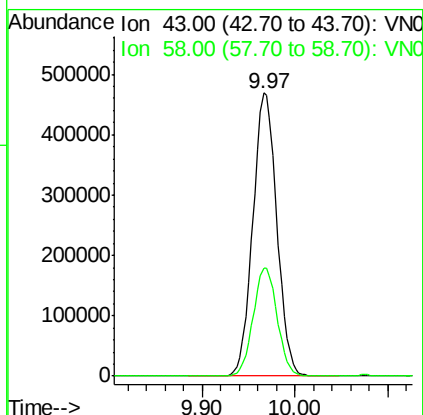
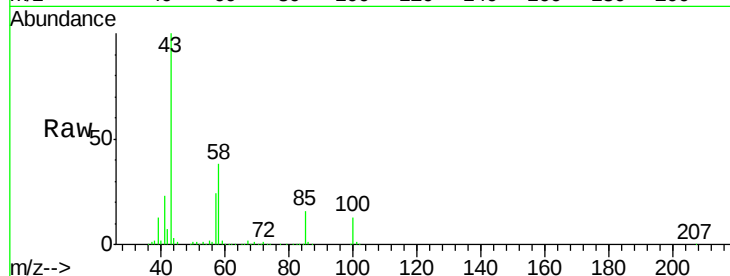




#51
 4-Methyl-2-Pentanone
 Concen: 258.907 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

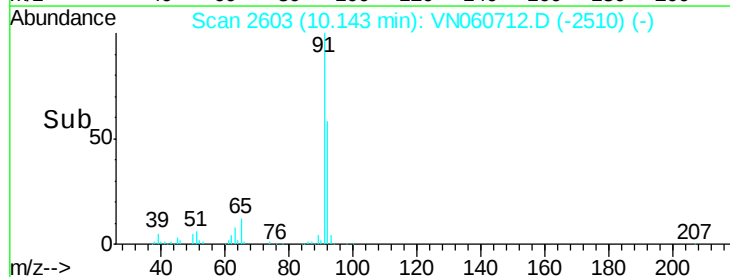
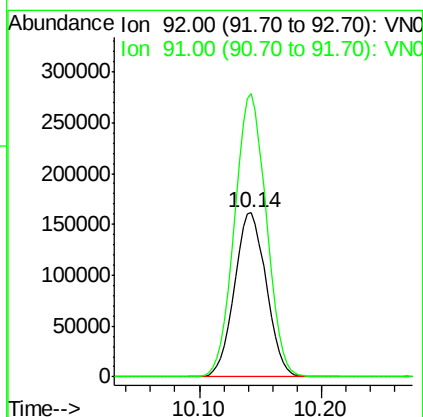
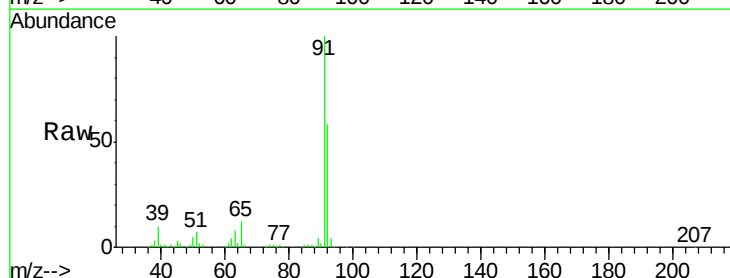
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

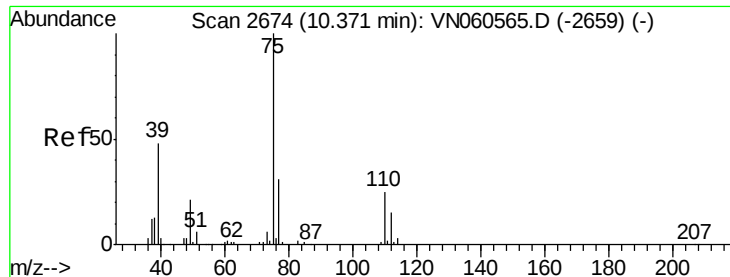
Tgt Ion: 43 Resp: 840356
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.8 46.2



#52
 Toluene
 Concen: 49.926 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion: 92 Resp: 291346
 Ion Ratio Lower Upper
 92 100
 91 172.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 48.336 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

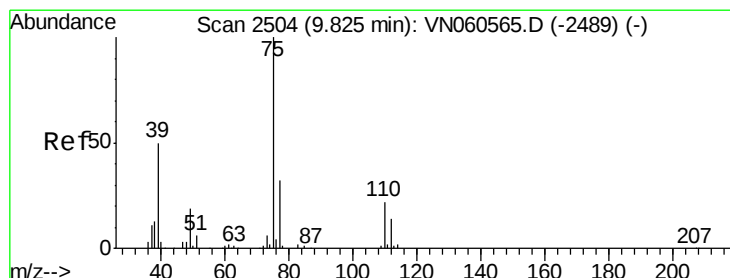
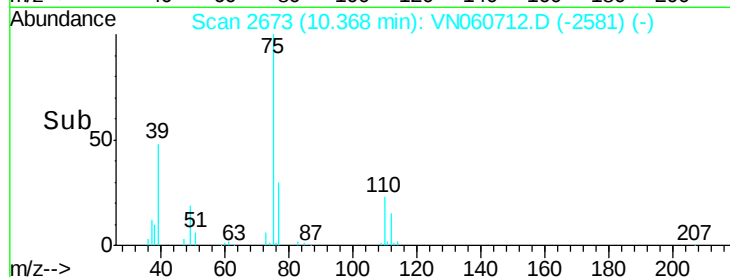
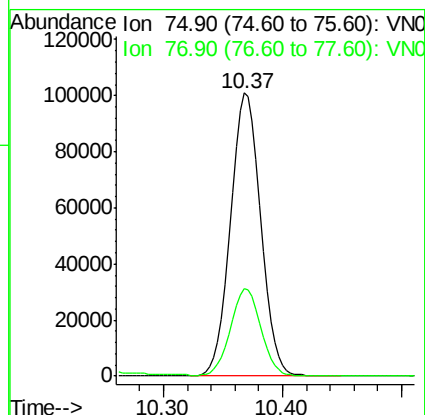
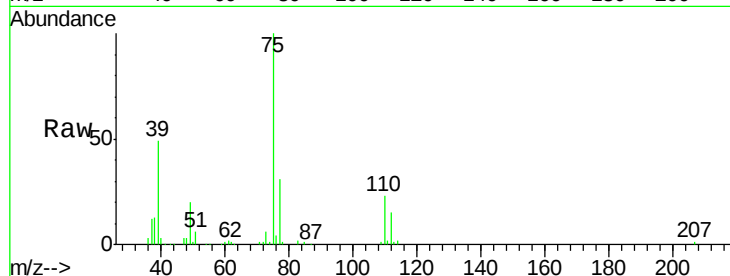
MW203D-20200315MSD

Tgt Ion: 75 Resp: 177845

Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 46.914 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

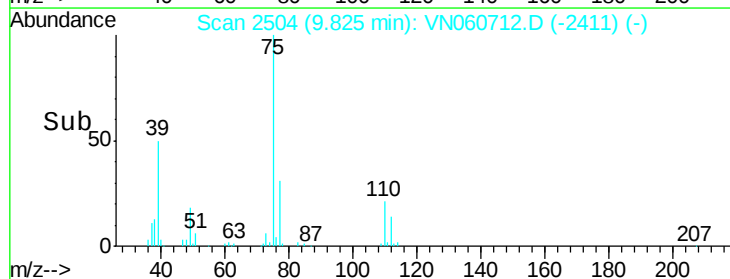
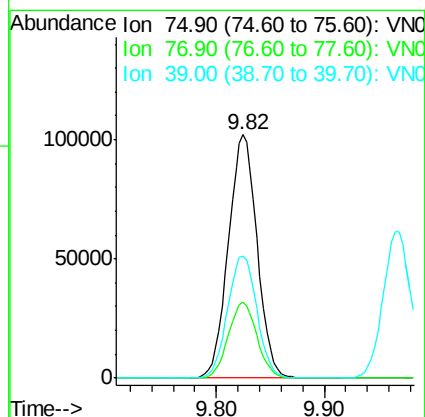
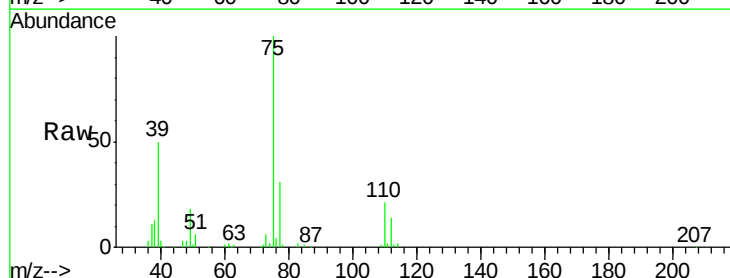
Tgt Ion: 75 Resp: 189364

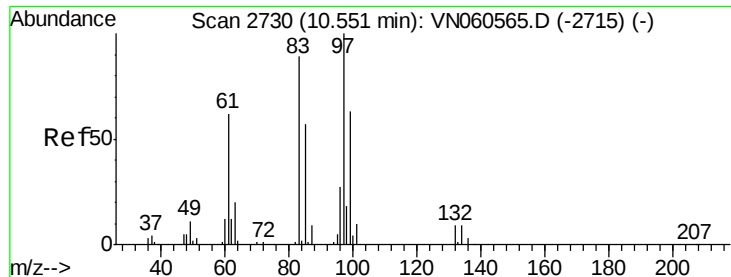
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 50.3 40.2 60.4

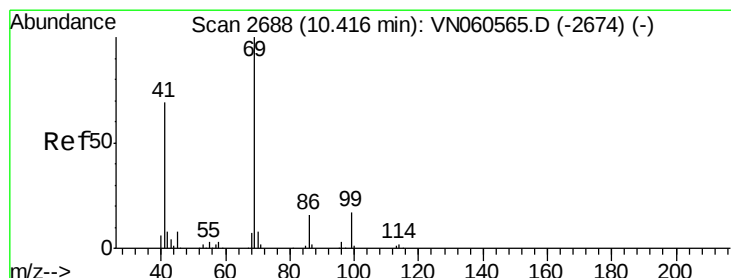
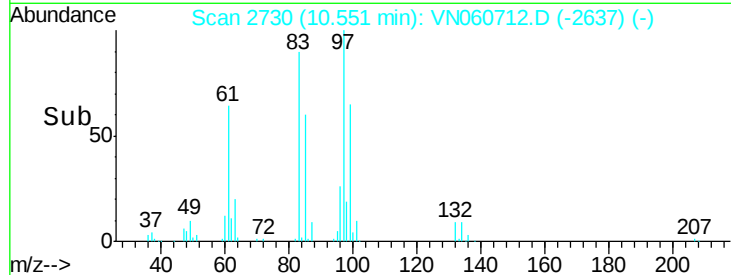
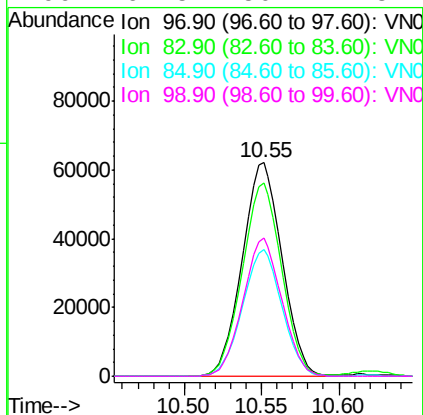
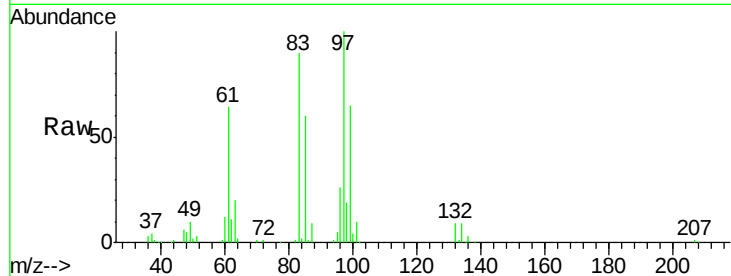




#55
 1,1,2-Trichloroethane
 Concen: 49.537 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

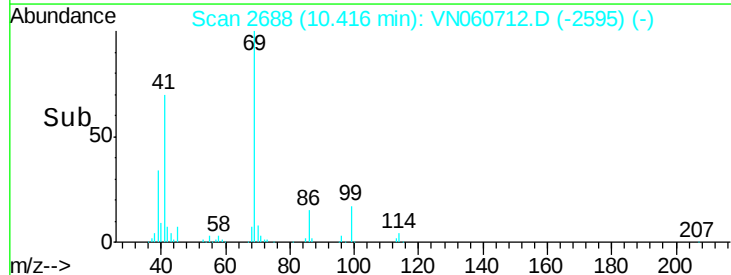
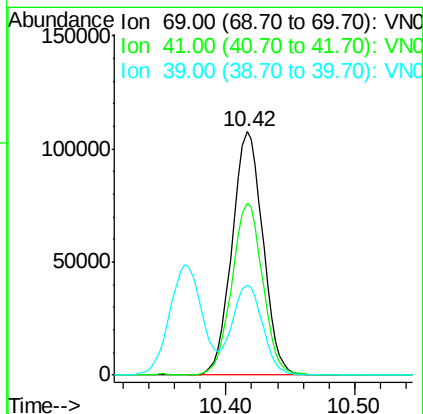
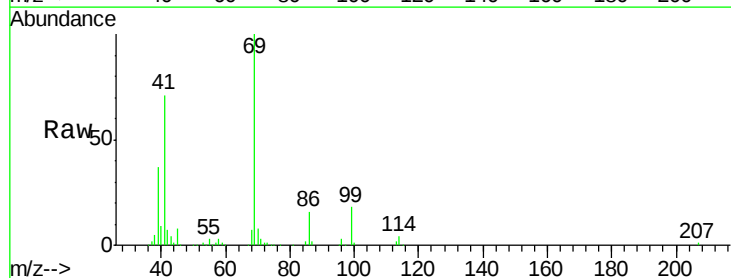
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

Tgt Ion: 97 Resp: 111211
 Ion Ratio Lower Upper
 97 100
 83 90.2 71.3 106.9
 85 59.5 45.2 67.8
 99 64.5 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 51.026 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion: 69 Resp: 178619
 Ion Ratio Lower Upper
 69 100
 41 70.1 55.4 83.2
 39 37.2 29.4 44.0

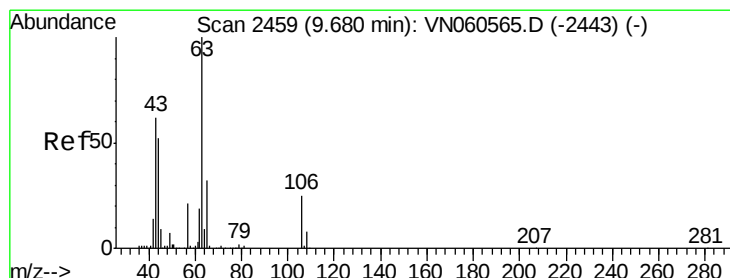
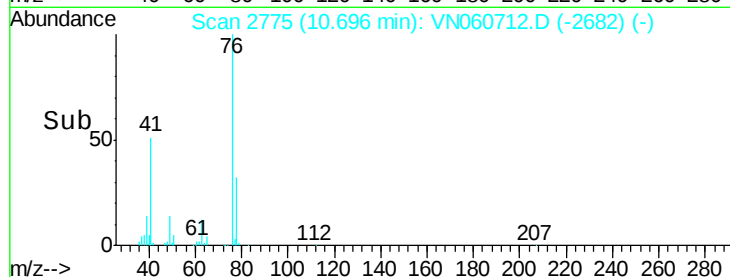
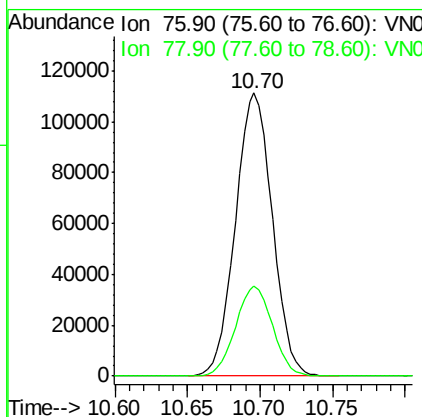
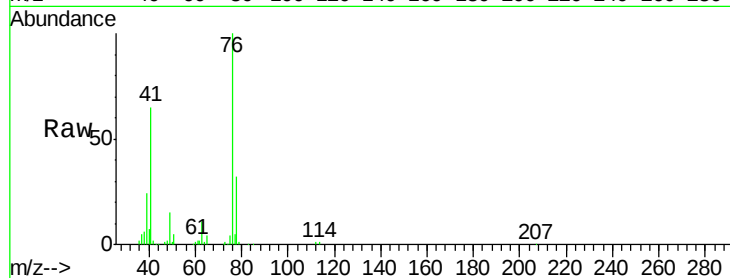




#57
 1,3-Dichloropropane
 Concen: 50.526 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

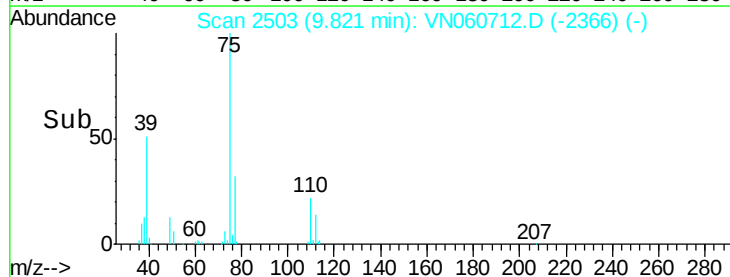
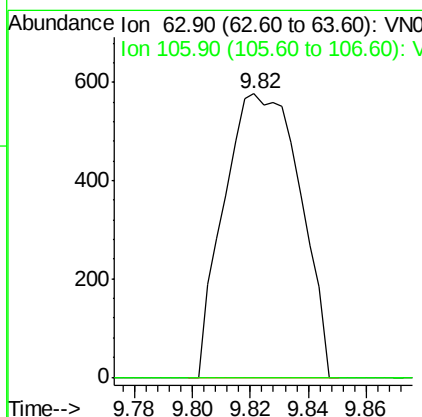
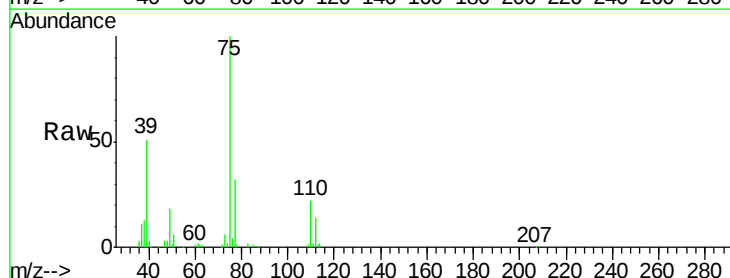
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

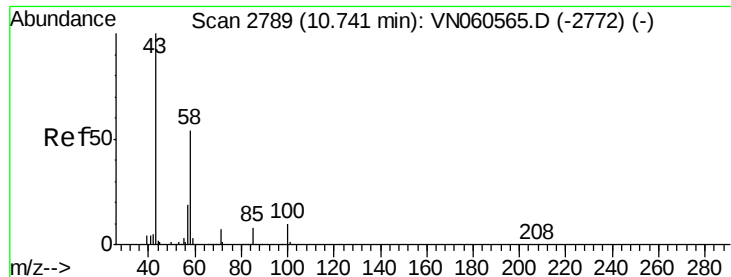
Tgt Ion: 76 Resp: 196839
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.602 ug/l
 RT: 9.82 min Scan# 2503
 Delta R.T. 0.14 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion: 63 Resp: 1048
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#

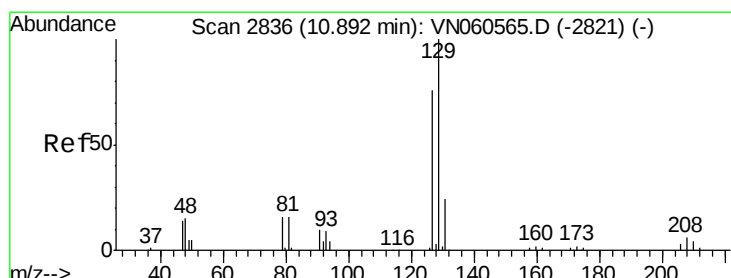
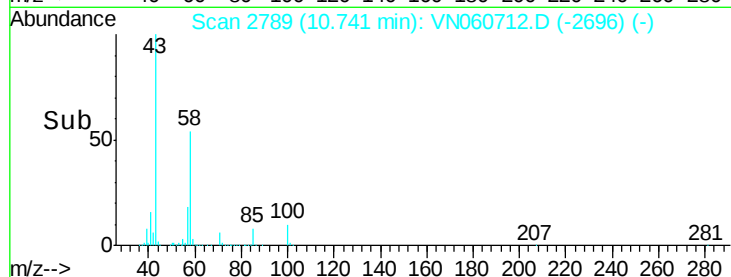
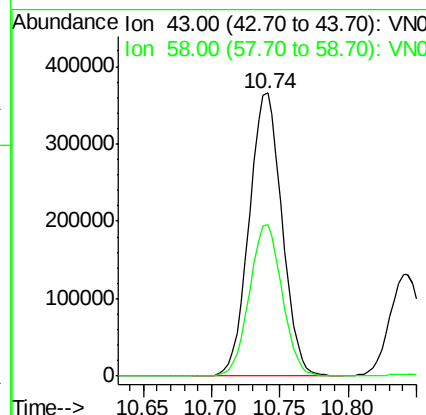
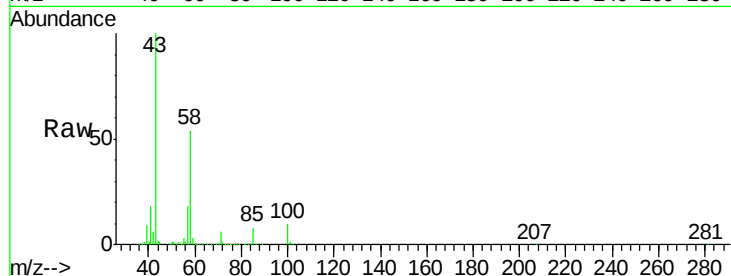




#59
2-Hexanone
Concen: 261.603 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

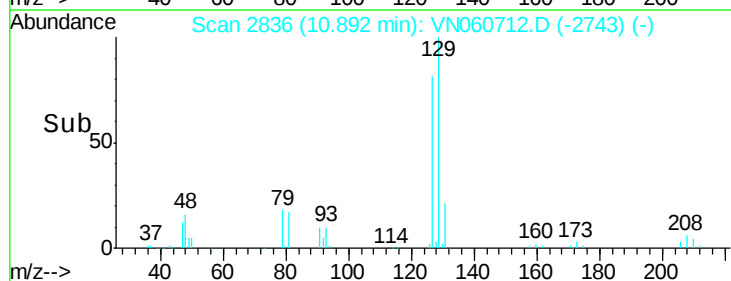
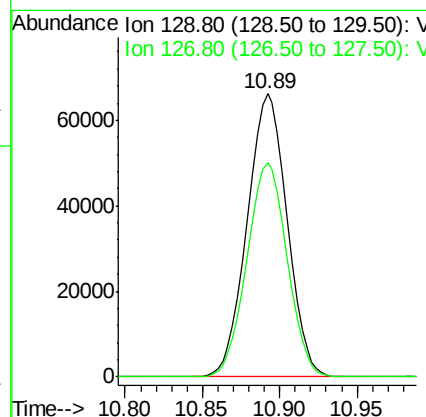
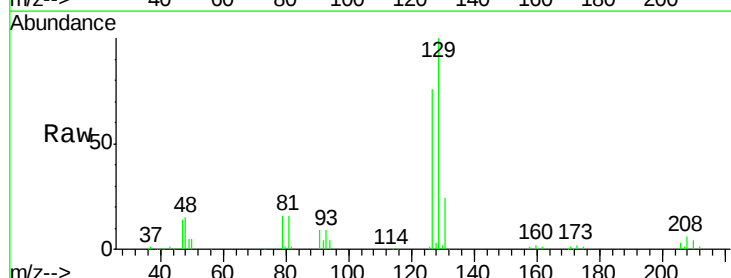
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

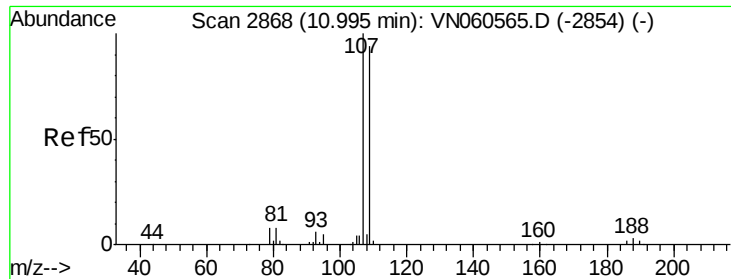
Tgt Ion: 43 Resp: 611655
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 51.322 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion: 129 Resp: 119016
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

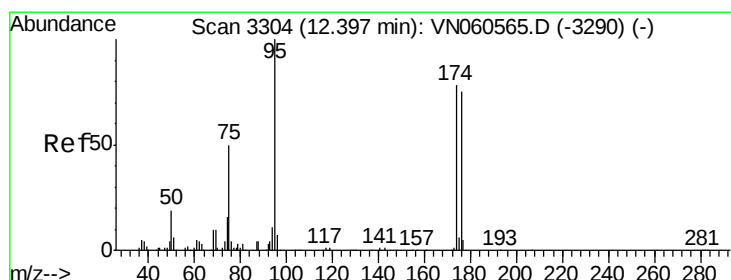
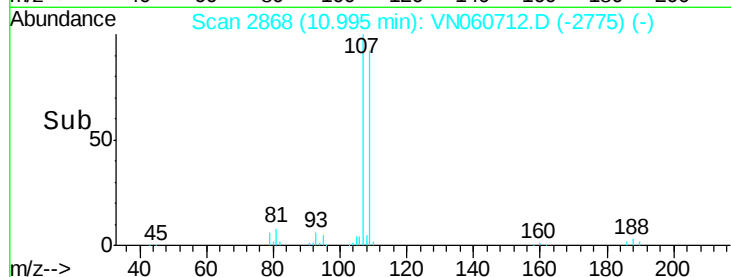
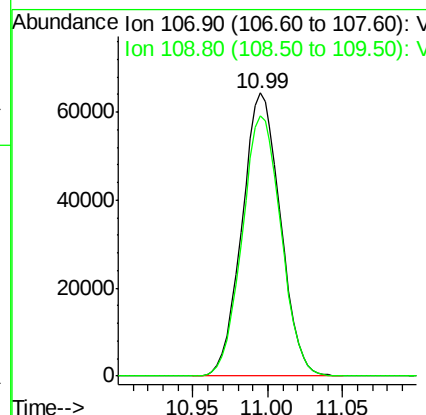
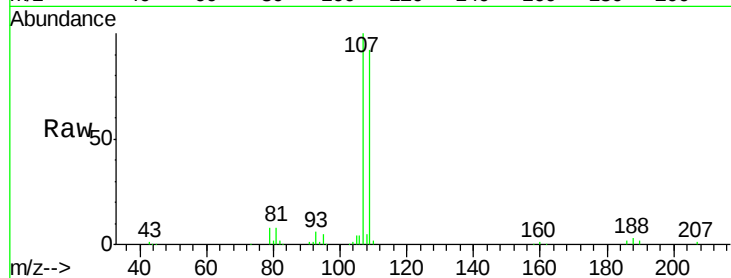




#61
 1,2-Dibromoethane
 Concen: 50.760 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

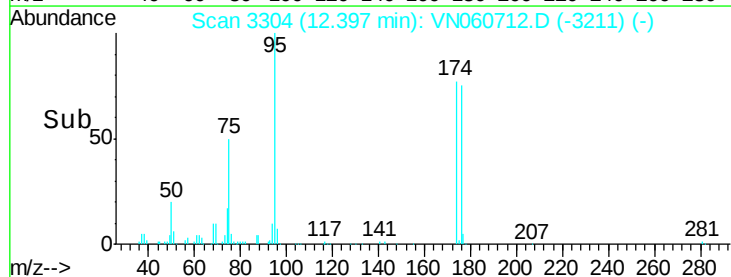
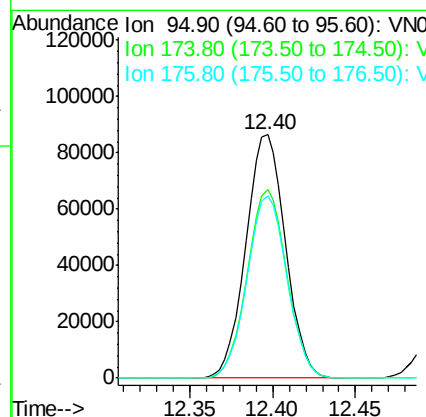
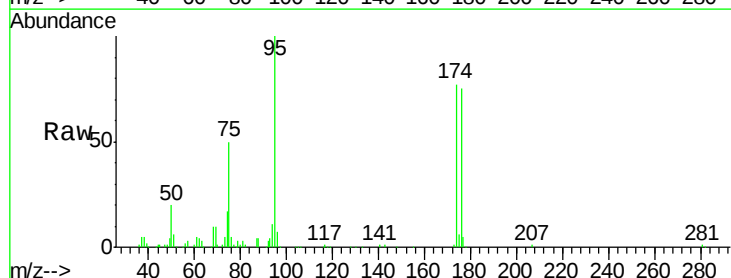
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

Tgt Ion:107 Resp: 114591
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.897 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion: 95 Resp: 143315
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 157.6
 176 75.4 0.0 150.6

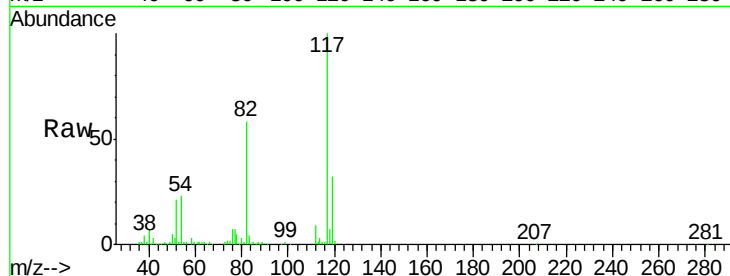




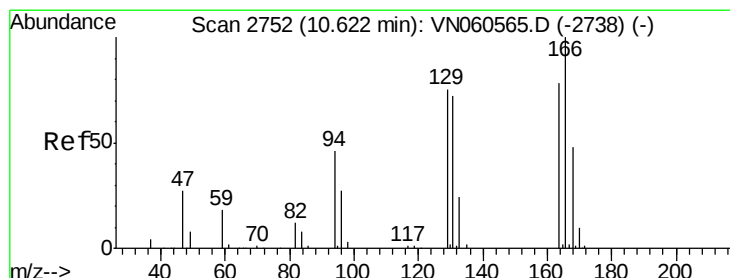
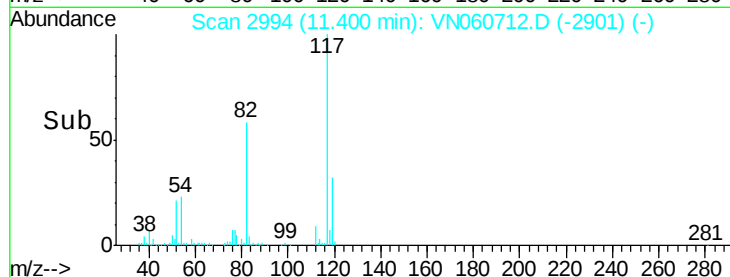
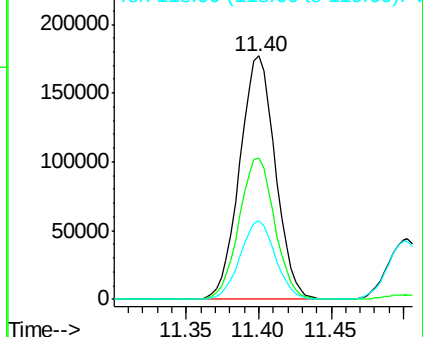
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

Tgt Ion:117 Resp: 302654
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 32.1 25.5 38.3

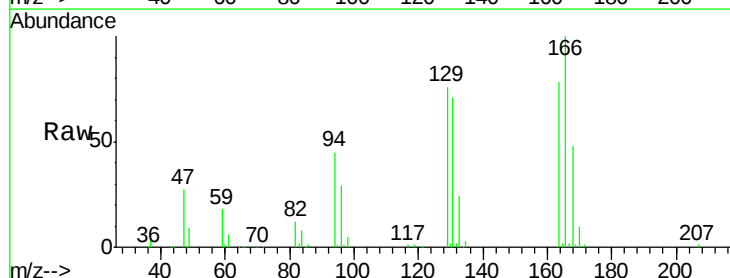


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

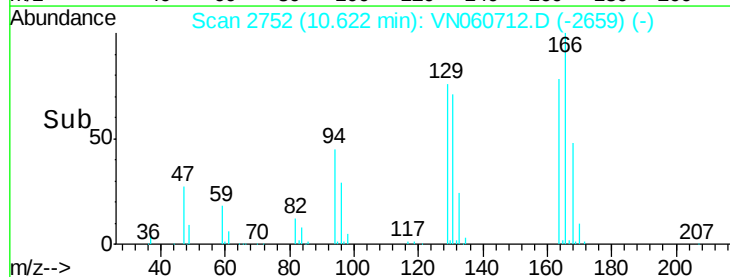
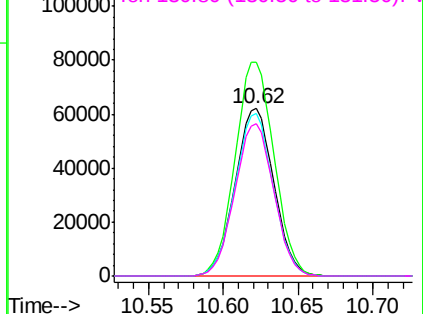


#64
Tetrachloroethene
Concen: 46.976 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion:164 Resp: 111879
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 96.8 77.2 115.8
131 90.7 73.8 110.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.994 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

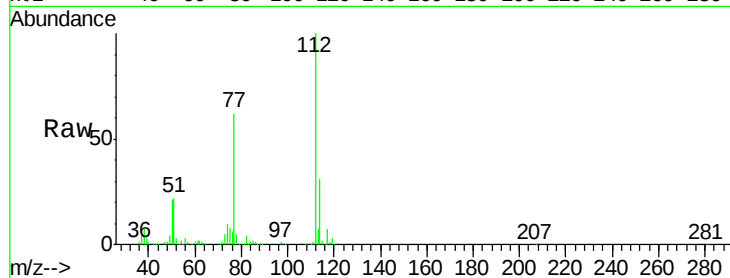
MW203D-20200315MSD

Tgt Ion:112 Resp: 293954

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

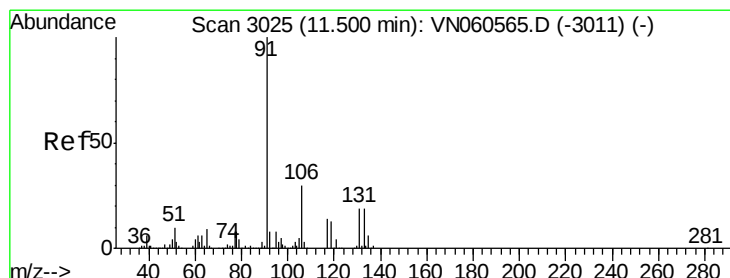
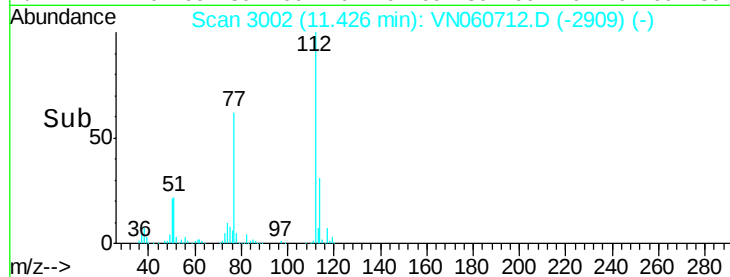
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.476 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

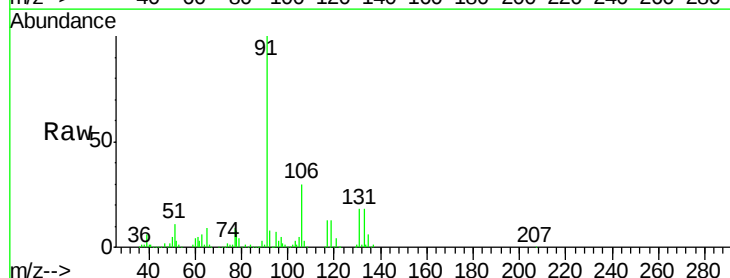
Tgt Ion:131 Resp: 109650

Ion Ratio Lower Upper

131 100

133 94.8 48.9 146.8

119 67.2 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

80000

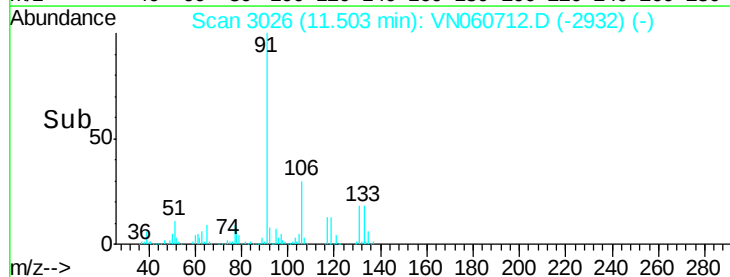
60000

40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 49.602 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

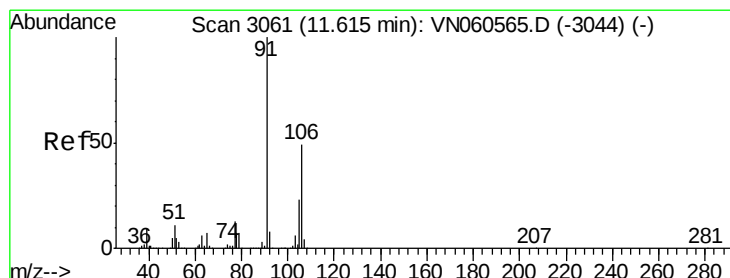
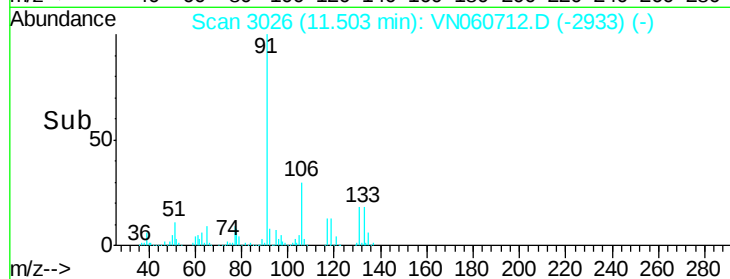
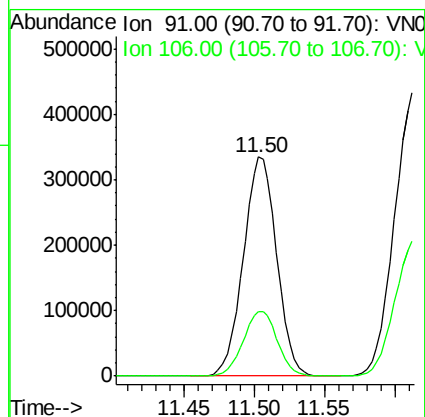
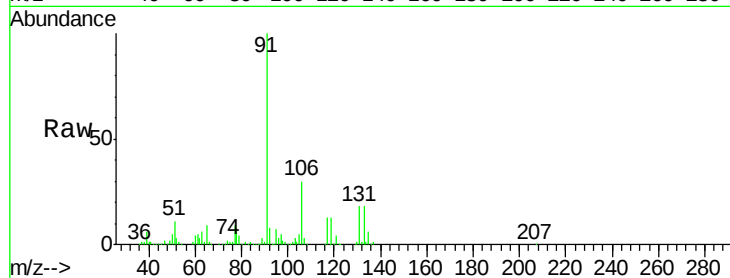
MW203D-20200315MSD

Tgt Ion: 91 Resp: 553444

Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.2



#68

m/p-Xylenes

Concen: 97.310 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060712.D

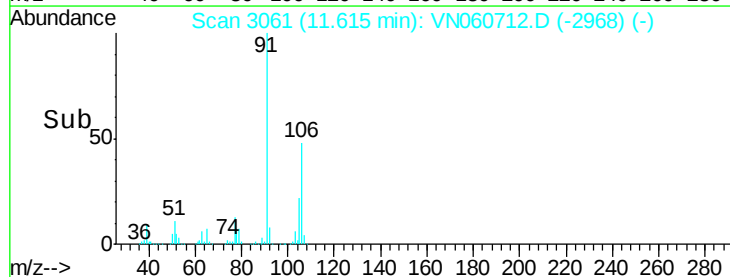
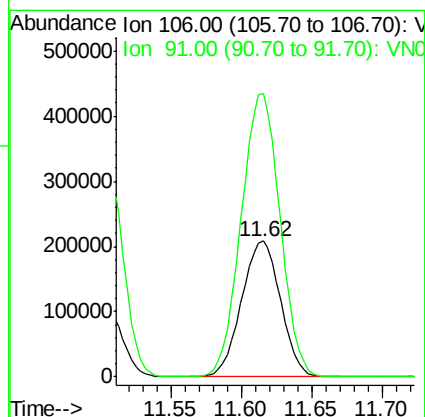
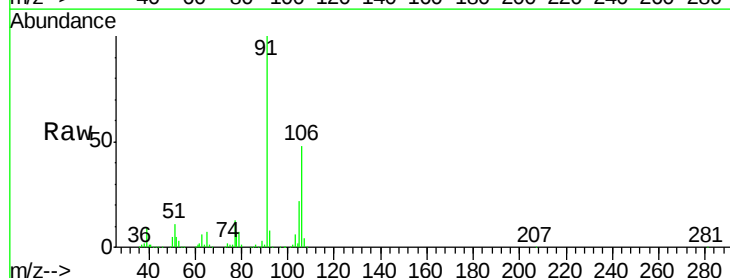
Acq: 26 Mar 2020 14:18

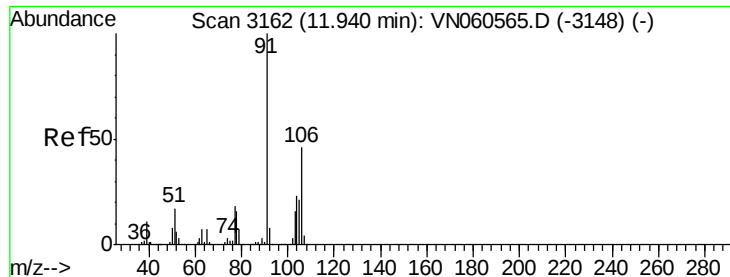
Tgt Ion: 106 Resp: 403468

Ion Ratio Lower Upper

106 100

91 208.3 165.0 247.4

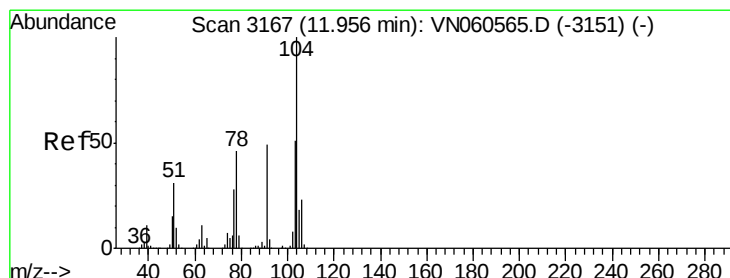
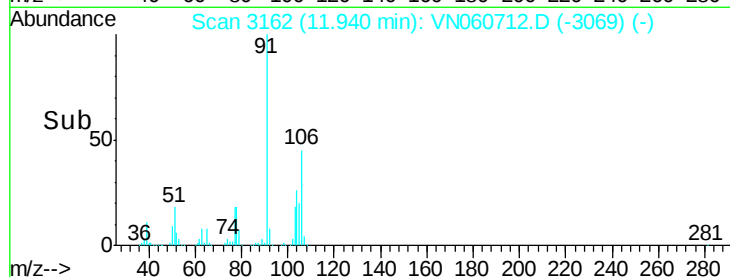
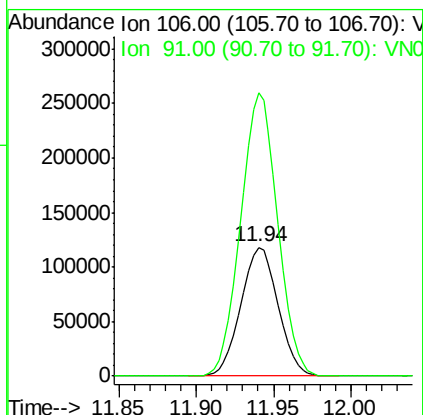
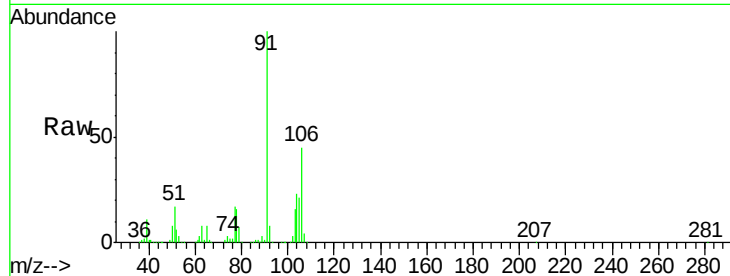




#69
o-Xylene
Concen: 49.924 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

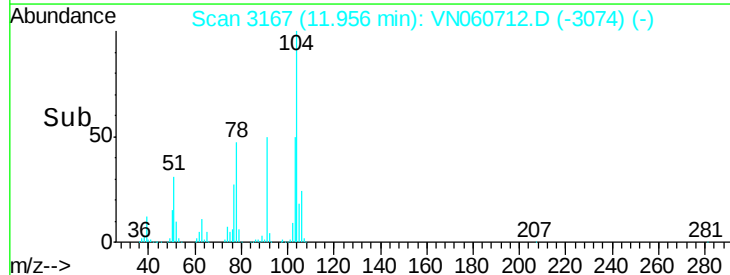
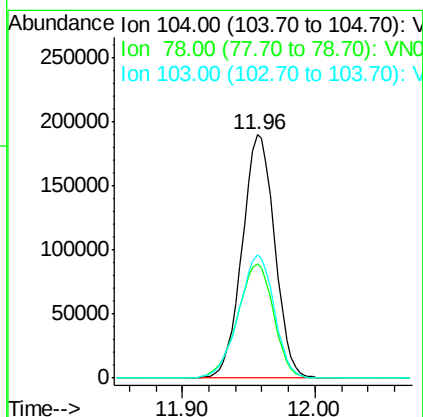
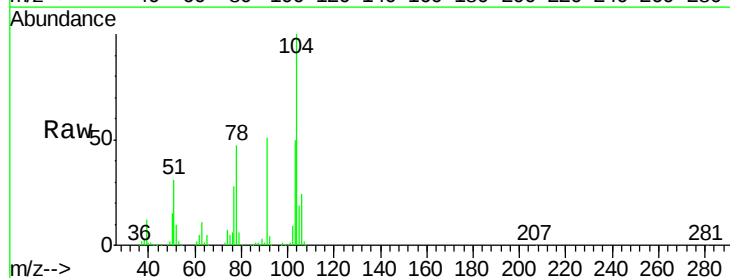
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

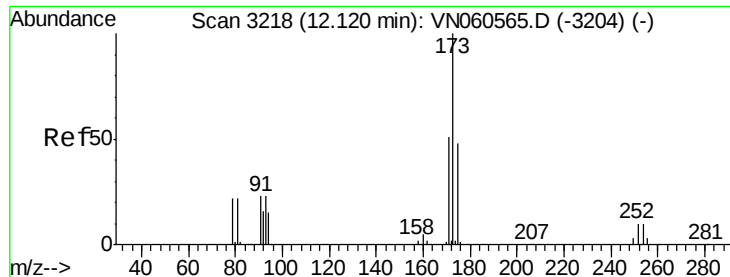
Tgt Ion:106 Resp: 197602
Ion Ratio Lower Upper
106 100
91 218.0 109.5 328.4



#70
Styrene
Concen: 49.906 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion:104 Resp: 323059
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.2 44.0 66.0

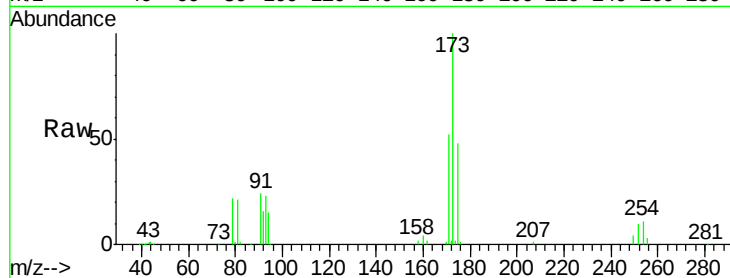




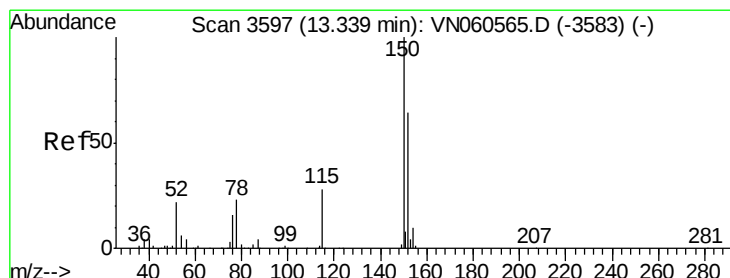
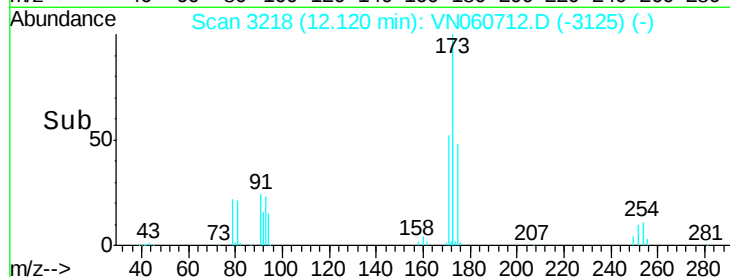
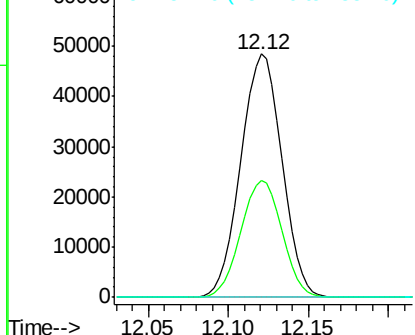
#71
Bromoform
Concen: 47.251 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

Tgt Ion:173 Resp: 85138
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

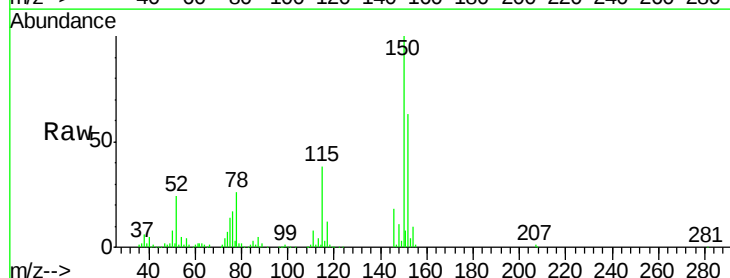


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

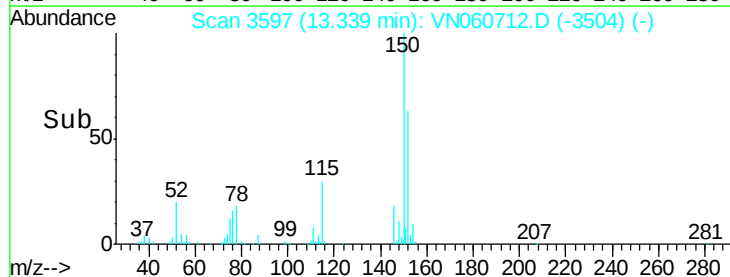
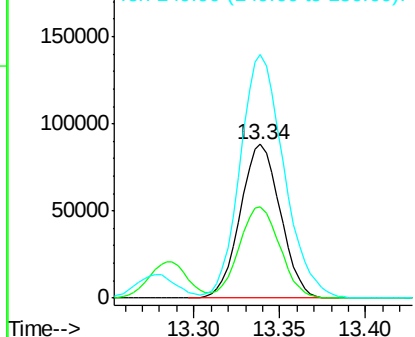


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion:152 Resp: 143478
Ion Ratio Lower Upper
152 100
115 59.9 30.2 90.6
150 172.5 0.0 350.2



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: 48.423 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

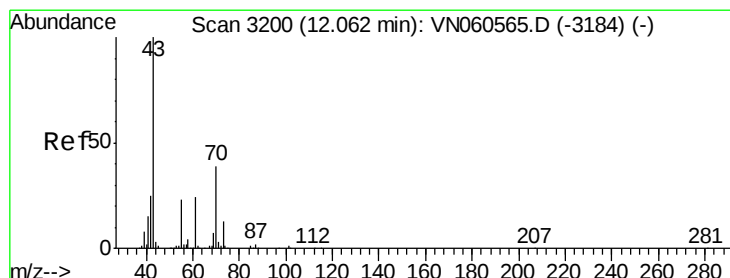
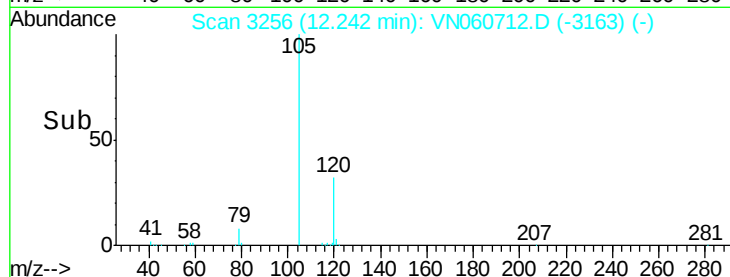
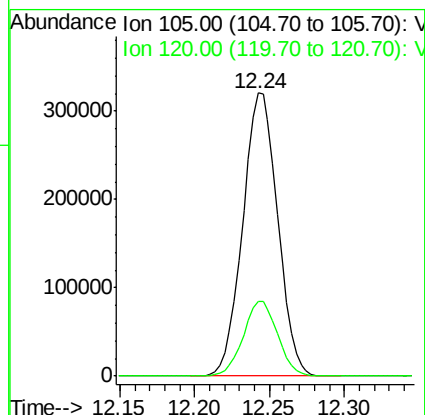
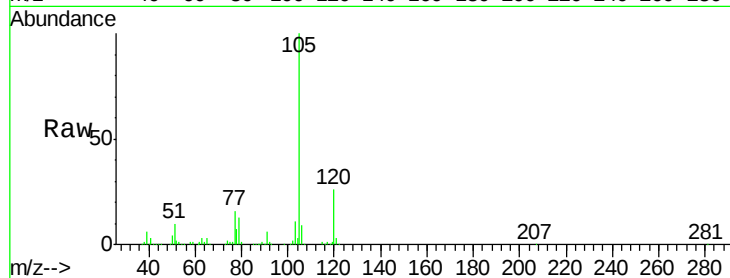
MW203D-20200315MSD

Tgt Ion:105 Resp: 521388

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 43.047 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Tgt Ion: 43 Resp: 214183

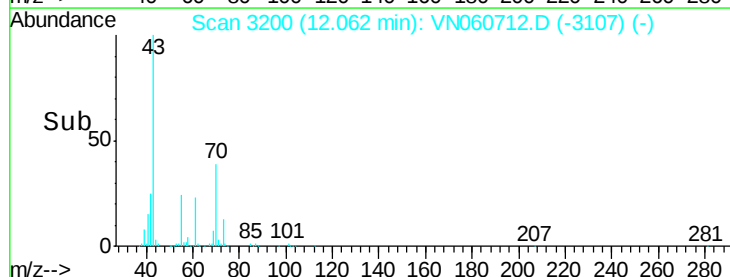
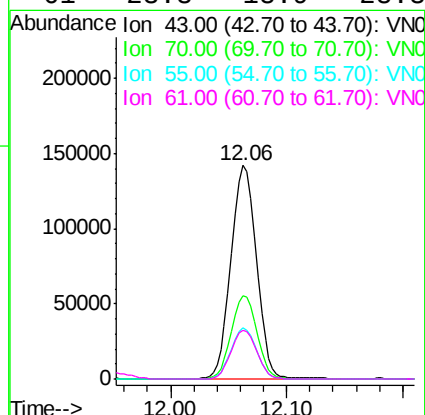
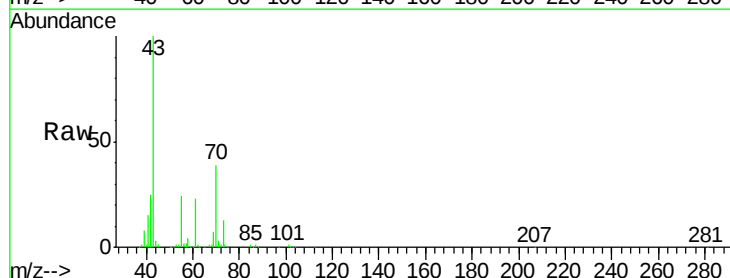
Ion Ratio Lower Upper

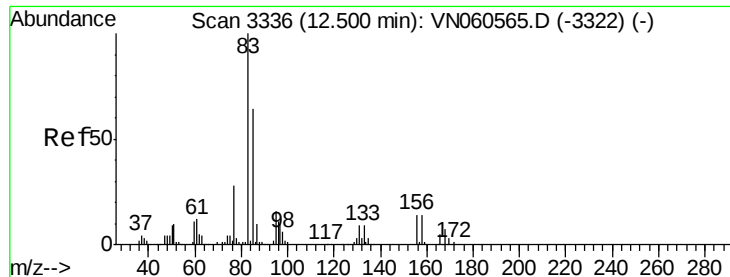
43 100

70 39.3 31.1 46.7

55 24.0 18.6 27.8

61 23.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.872 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MSD

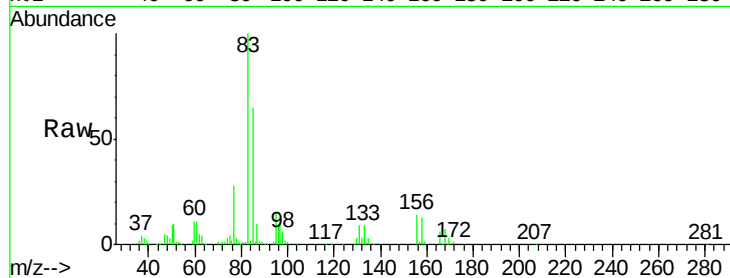
Tgt Ion: 83 Resp: 162390

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

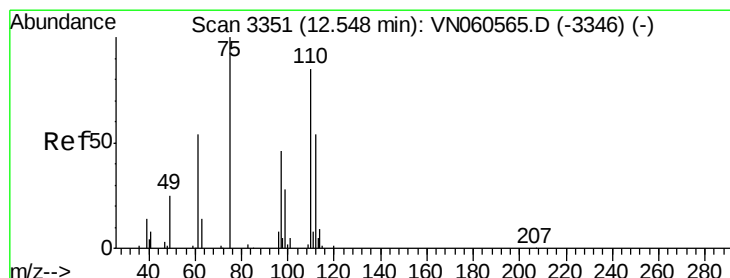
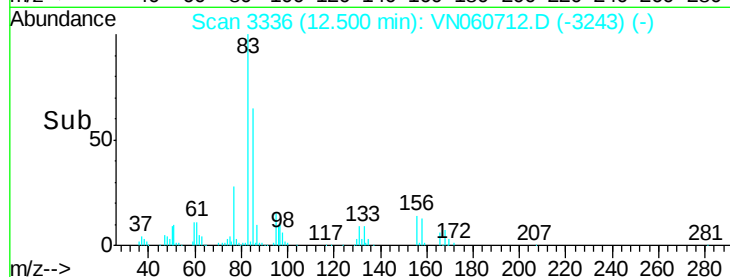
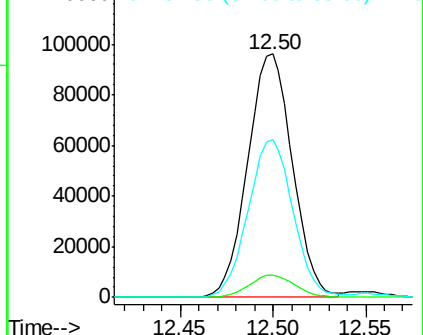
85 64.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060712.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060712.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060712.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 69.308 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060712.D

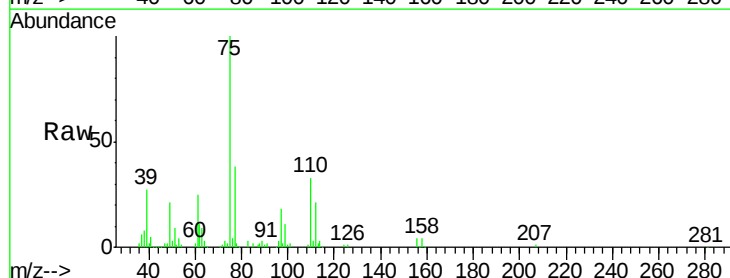
Acq: 26 Mar 2020 14:18

Tgt Ion: 75 Resp: 214575

Ion Ratio Lower Upper

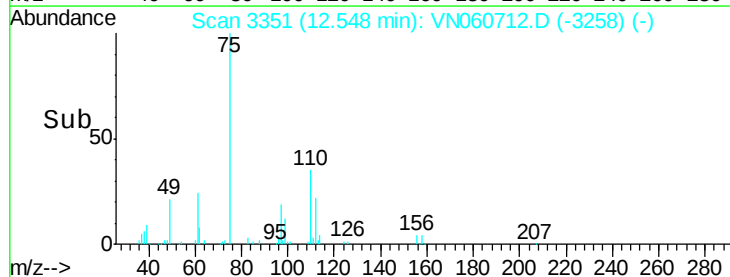
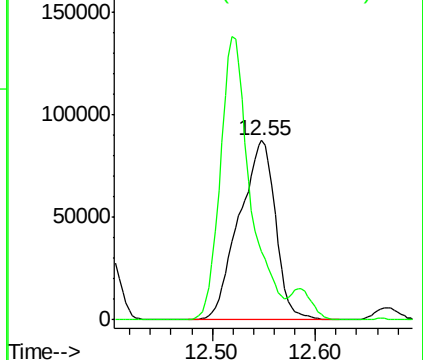
75 100

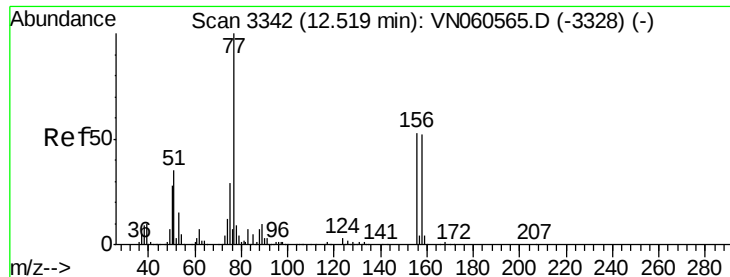
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060712.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060712.D (-3258) (-)





#77

Bromobenzene

Concen: 48.219 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MSD

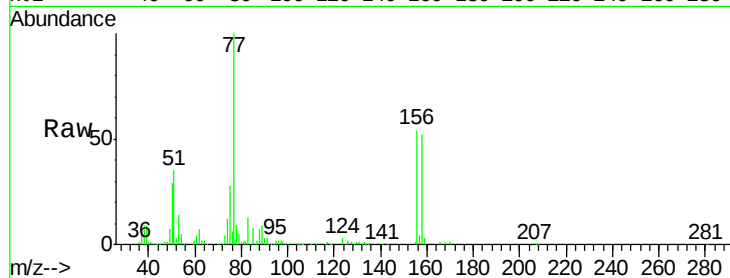
Tgt Ion:156 Resp: 125107

Ion Ratio Lower Upper

156 100

77 223.2 112.3 337.0

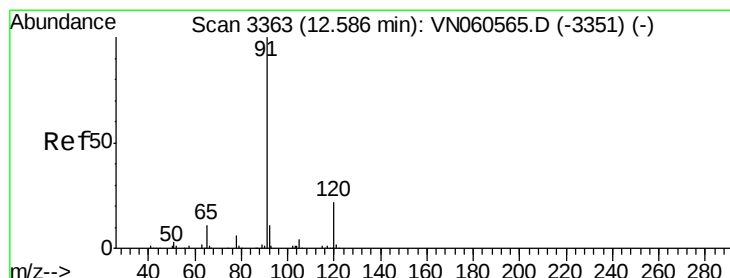
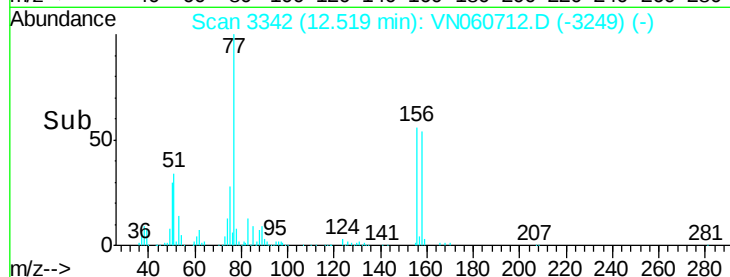
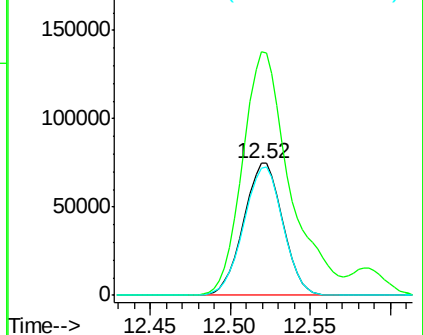
158 97.6 48.6 145.8



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: 48.243 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060712.D

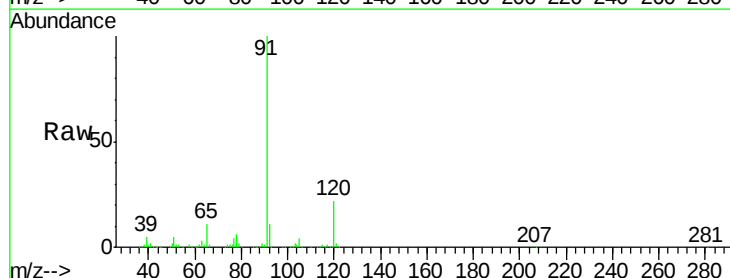
Acq: 26 Mar 2020 14:18

Tgt Ion: 91 Resp: 613708

Ion Ratio Lower Upper

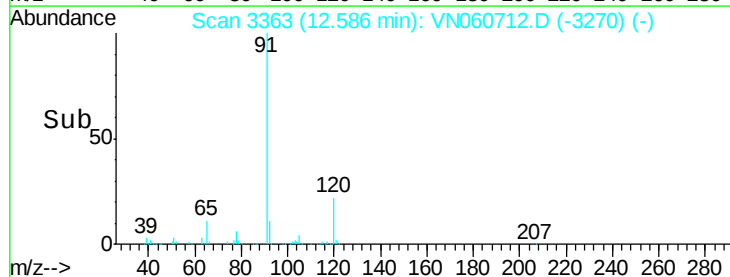
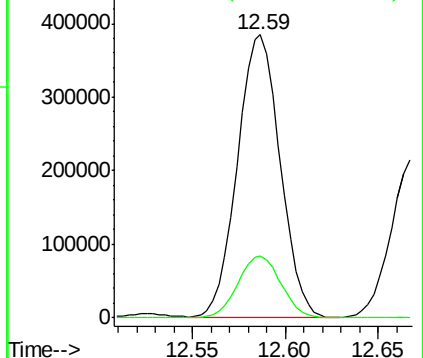
91 100

120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.701 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

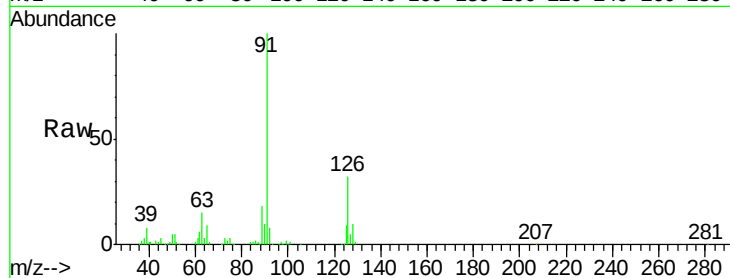
MW203D-20200315MSD

Tgt Ion: 91 Resp: 362567

Ion Ratio Lower Upper

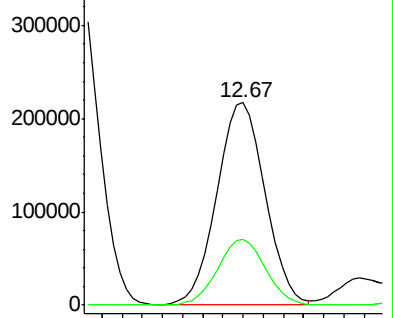
91 100

126 32.4 16.4 49.1

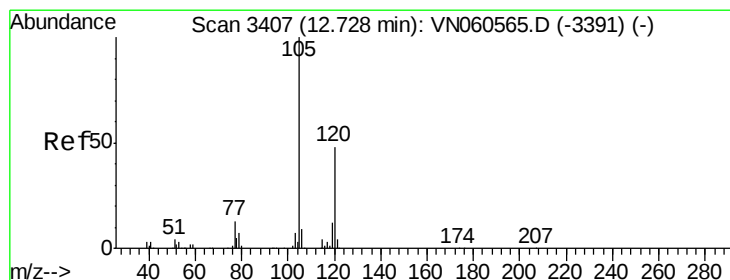
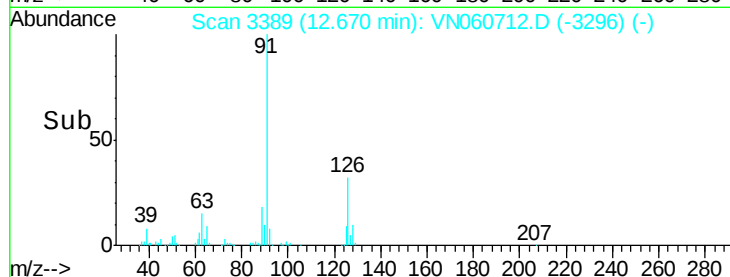


Abundance Ion 91.00 (90.70 to 91.70): VN060712.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060712.D (-3376) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.289 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060712.D

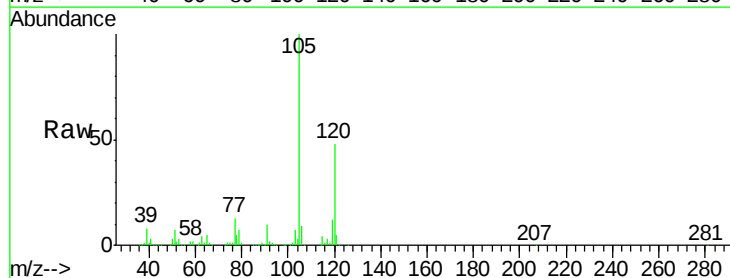
Acq: 26 Mar 2020 14:18

Tgt Ion: 105 Resp: 441242

Ion Ratio Lower Upper

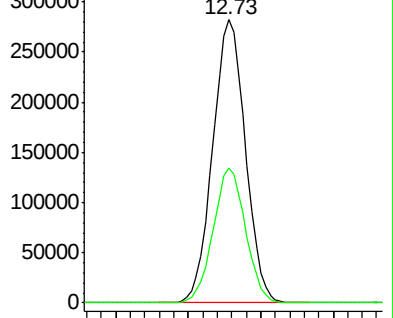
105 100

120 47.2 23.9 71.7

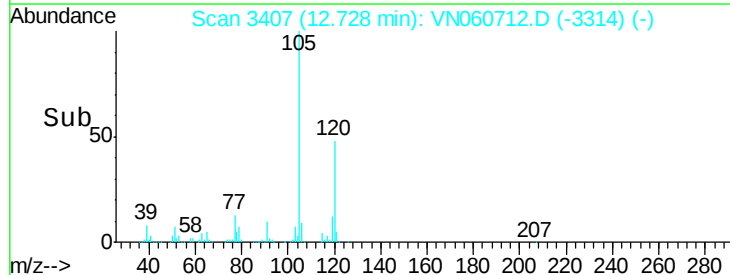


Abundance Ion 105.00 (104.70 to 105.70): VN060712.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN060712.D (-3391) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.489 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060712.D

Acq: 26 Mar 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MSD

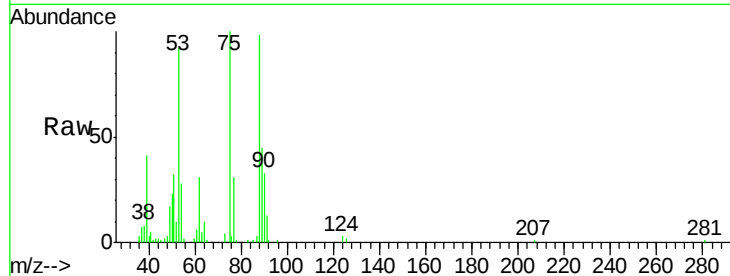
Tgt Ion: 75 Resp: 52424

Ion Ratio Lower Upper

75 100

53 91.5 73.0 109.4

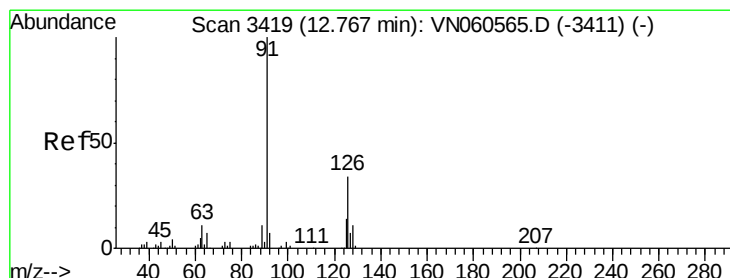
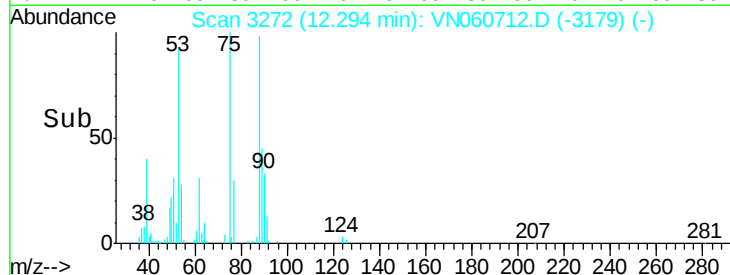
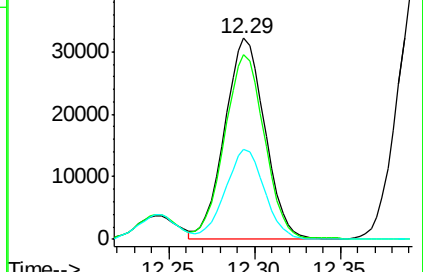
89 43.6 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN060712.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN060712.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN060712.D (-3179) (-)



#82

4-Chlorotoluene

Concen: 47.929 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060712.D

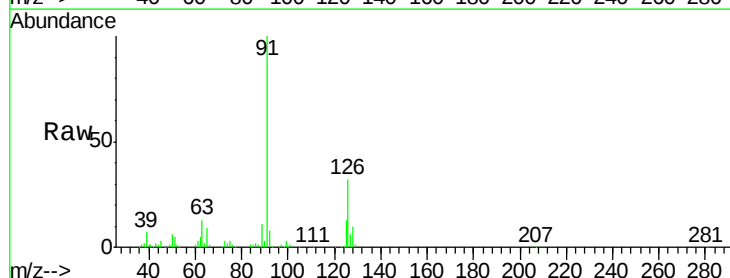
Acq: 26 Mar 2020 14:18

Tgt Ion: 91 Resp: 371037

Ion Ratio Lower Upper

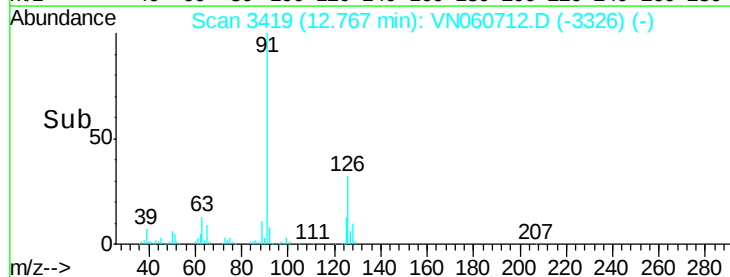
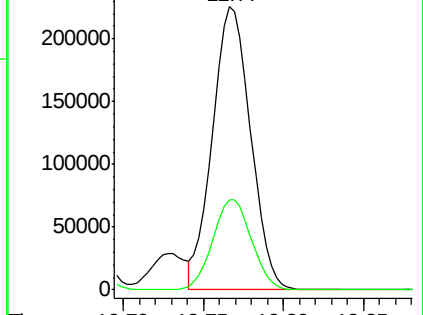
91 100

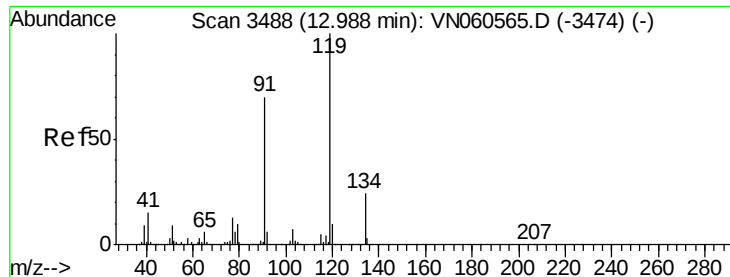
126 32.4 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN060712.D (-3326) (-)

Ion 125.90 (125.60 to 126.60): VN060712.D (-3326) (-)

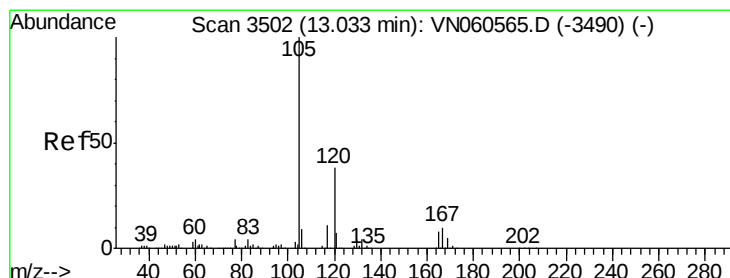
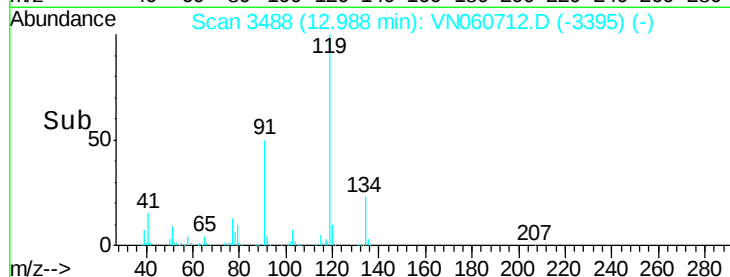
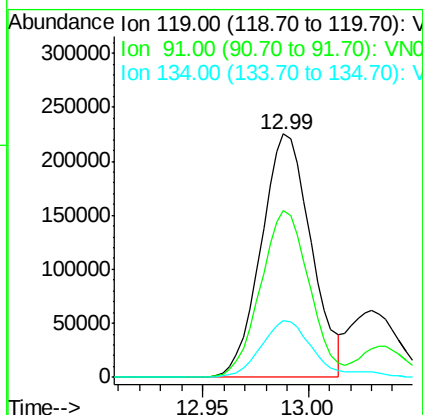
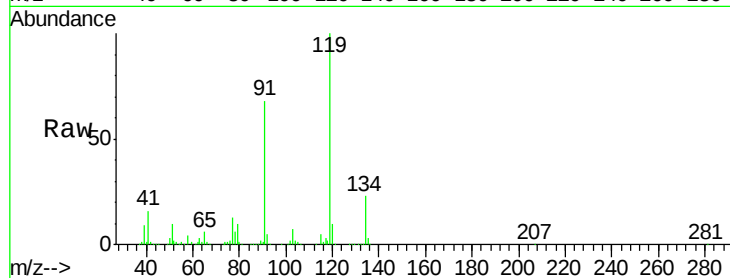




#83
 tert-Butylbenzene
 Concen: 49.042 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

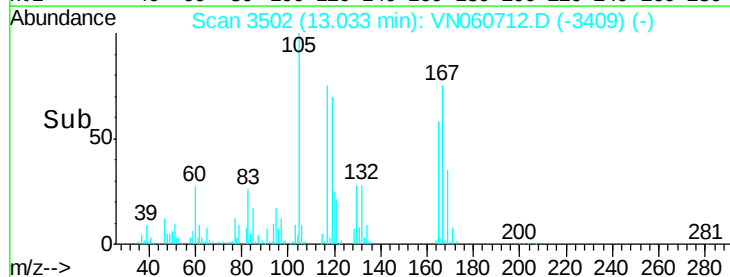
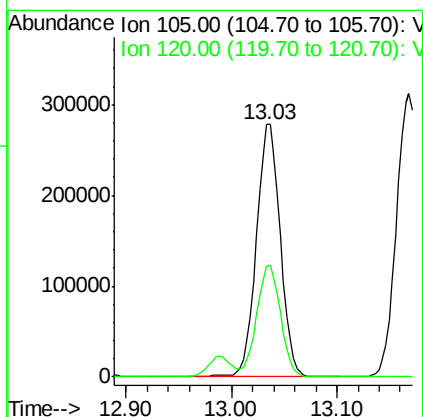
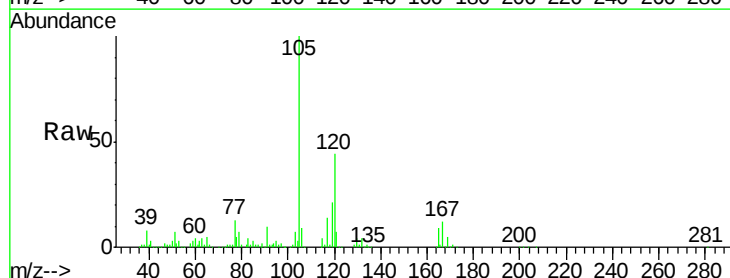
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

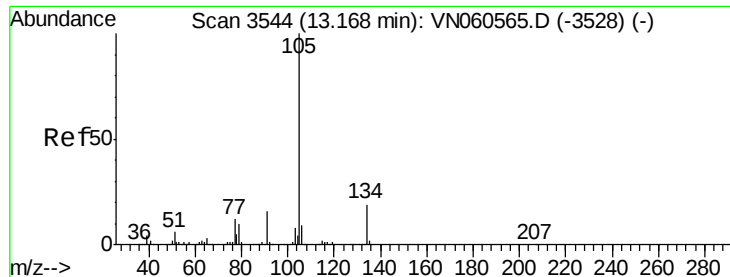
Tgt Ion:119 Resp: 371483
 Ion Ratio Lower Upper
 119 100
 91 67.2 34.0 101.8
 134 24.7 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.709 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion:105 Resp: 440322
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5

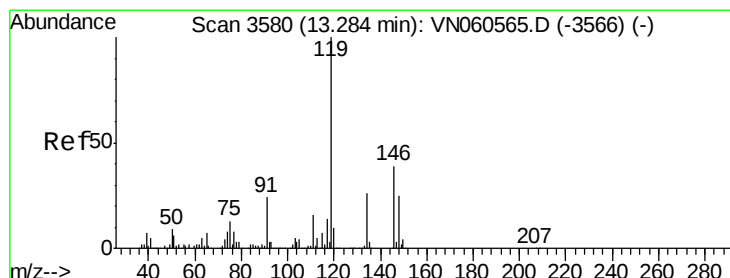
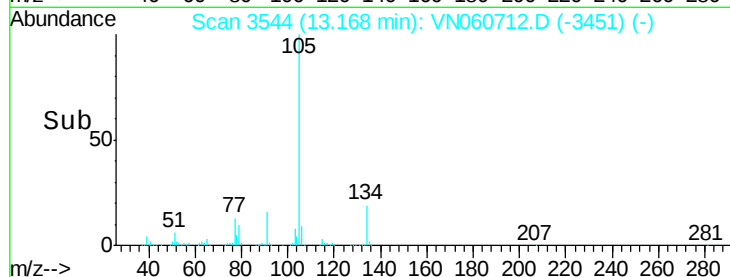
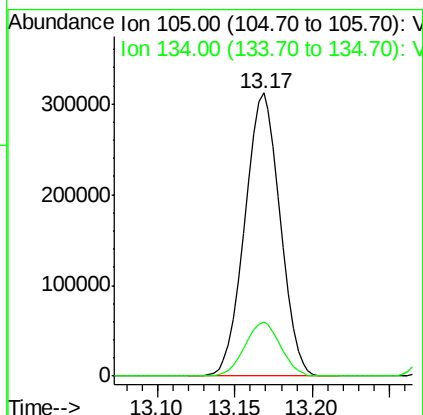
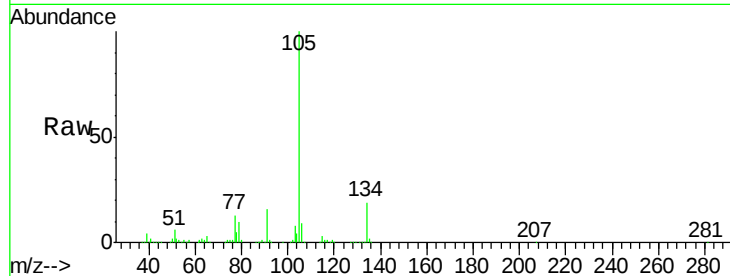




#85
 sec-Butylbenzene
 Concen: 48.656 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

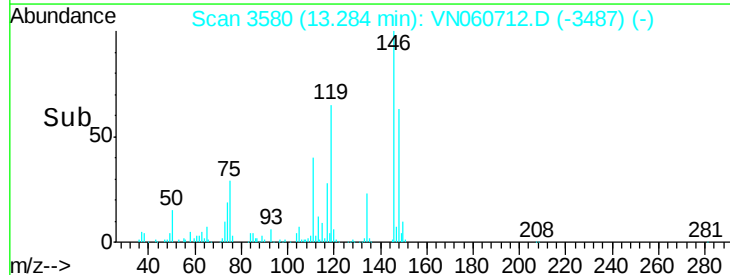
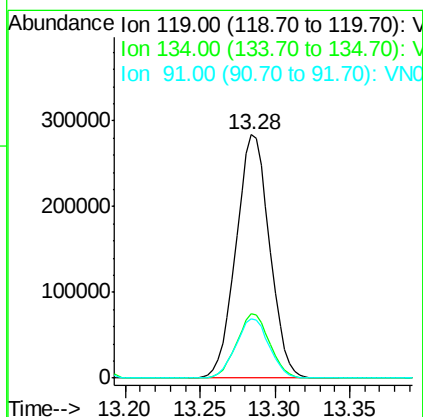
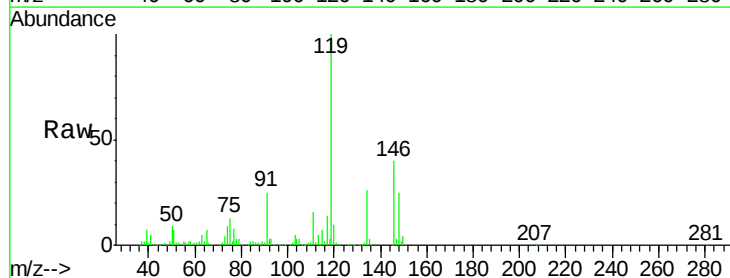
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

Tgt Ion:105 Resp: 495599
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 48.156 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion:119 Resp: 441076
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 24.3 12.0 36.0

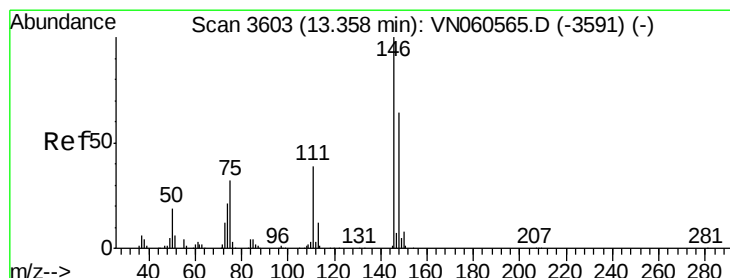
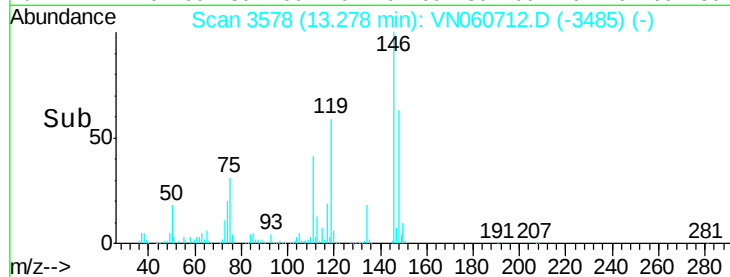
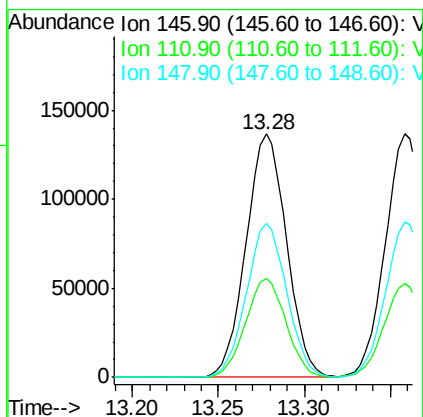
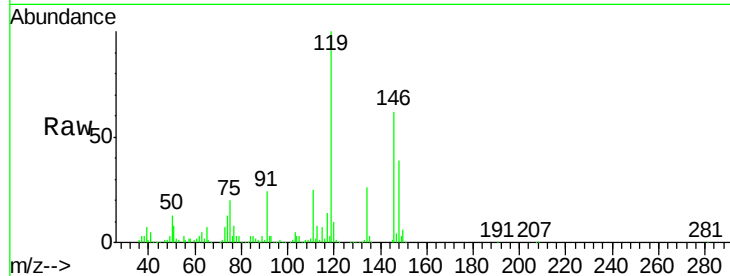




#87
 1,3-Dichlorobenzene
 Concen: 48.798 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

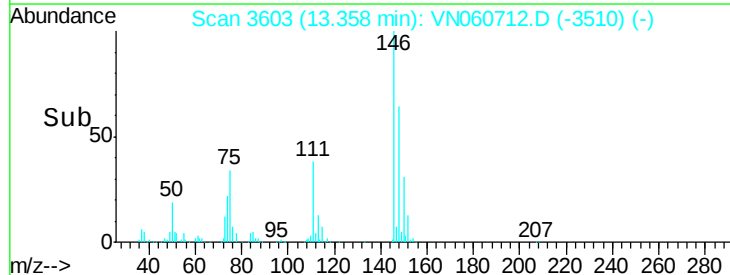
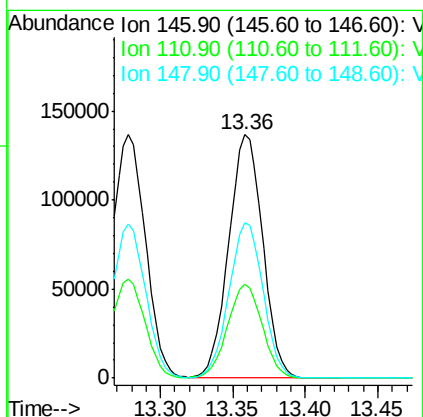
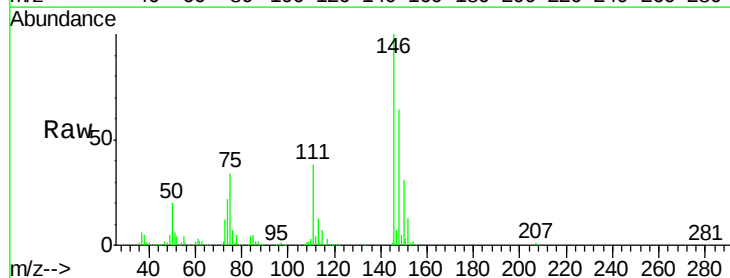
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

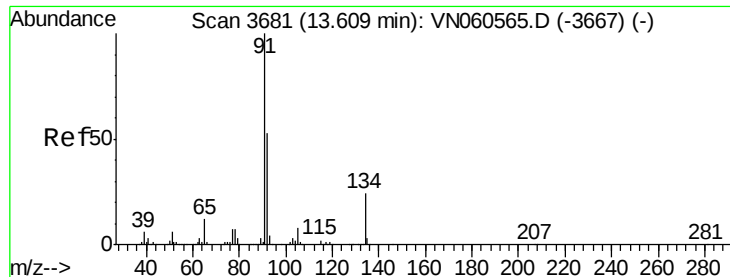
Tgt Ion:146 Resp: 223304
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 62.8 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 48.445 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion:146 Resp: 222730
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 63.9 32.1 96.3

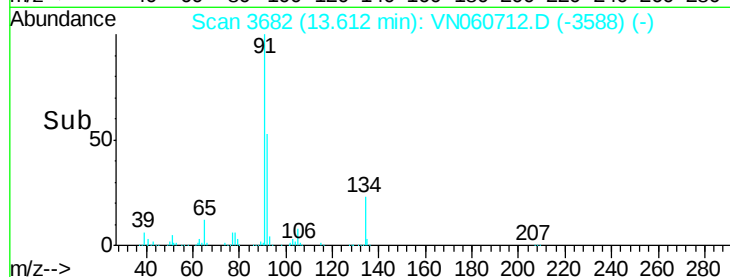
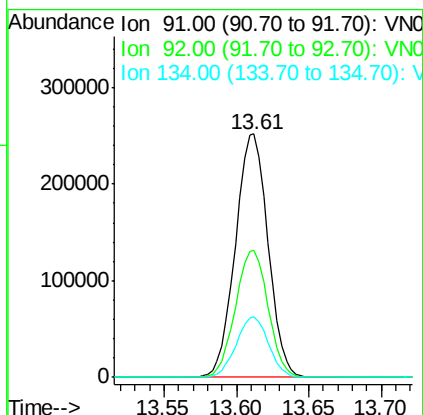
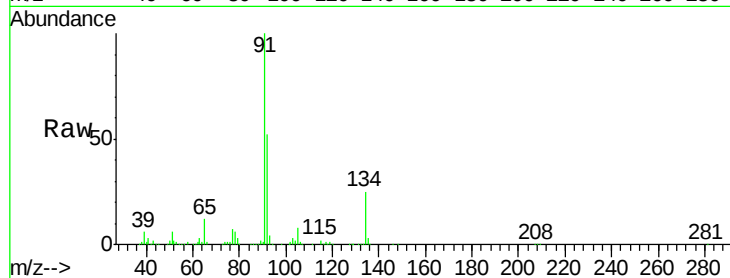




#89
n-Butylbenzene
Concen: 47.523 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

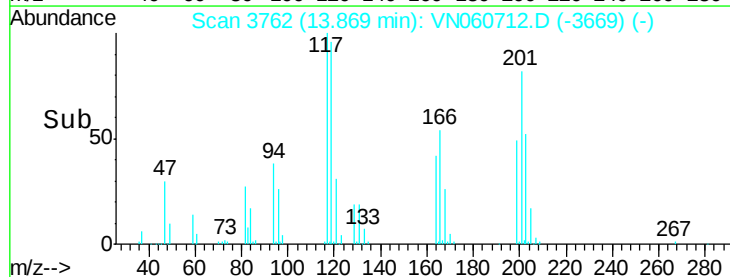
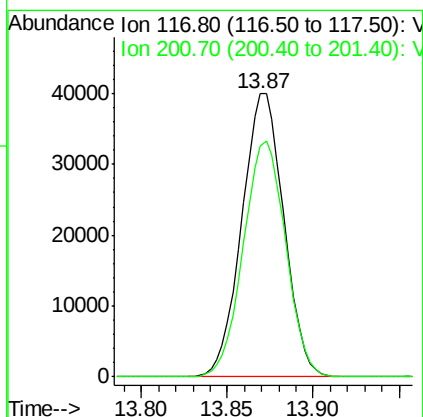
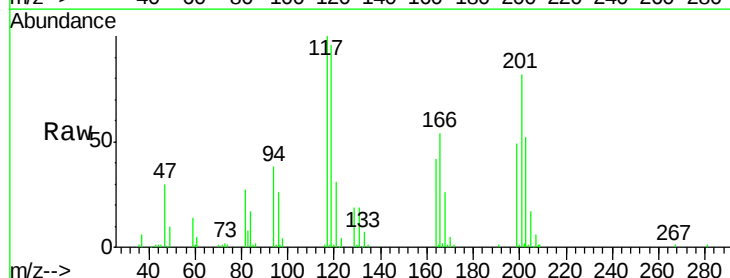
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

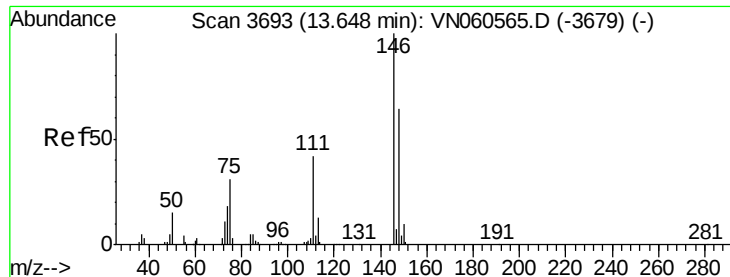
Tgt Ion: 91 Resp: 392995
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 50.923 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion: 117 Resp: 67798
Ion Ratio Lower Upper
117 100
201 83.8 40.8 122.5

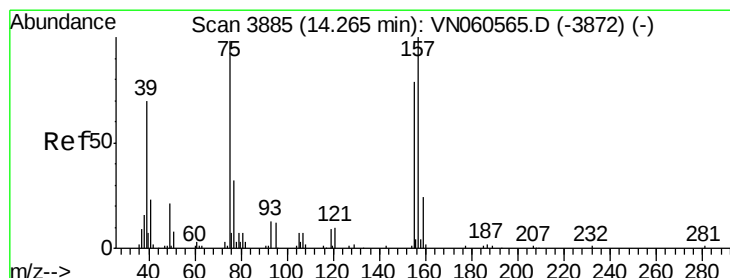
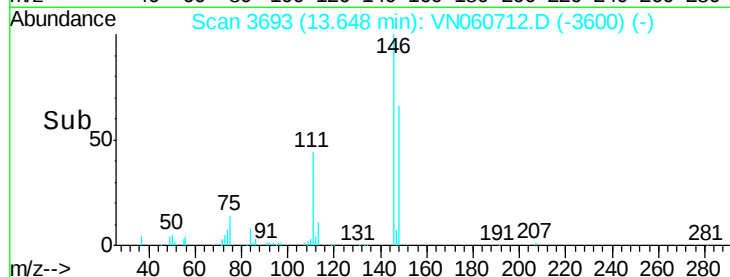
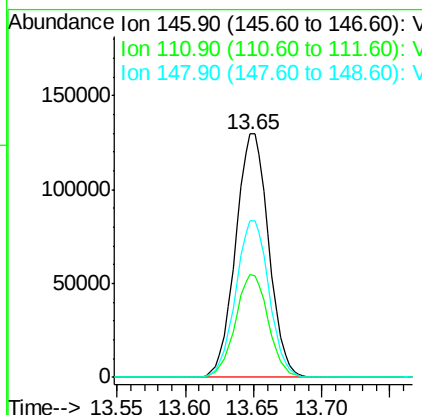
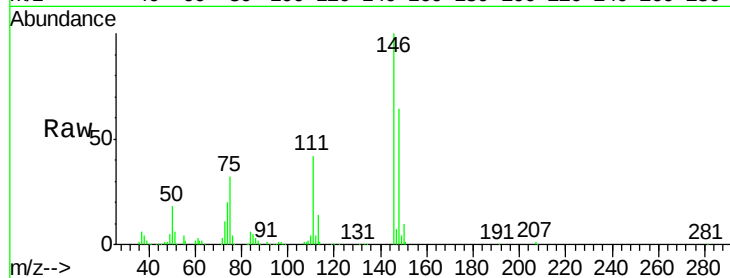




#91
 1,2-Dichlorobenzene
 Concen: 49.862 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

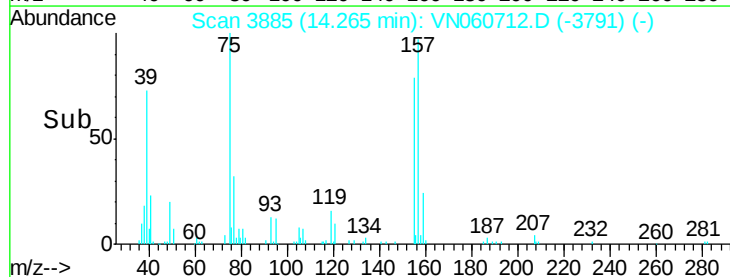
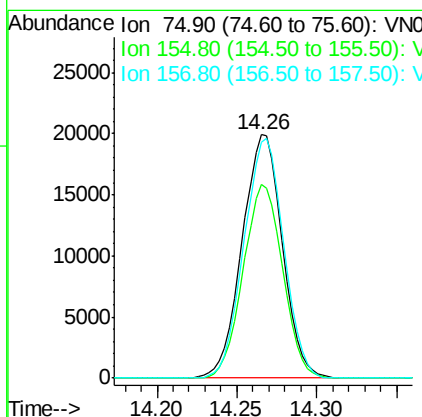
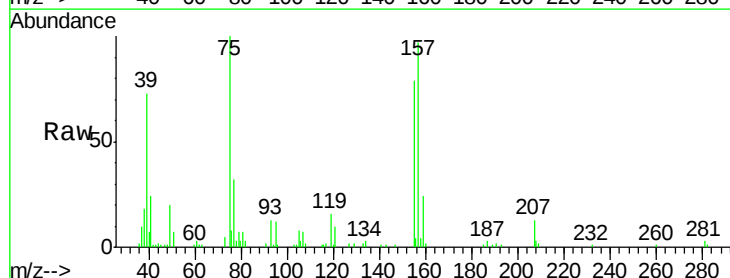
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

Tgt Ion: 146 Resp: 218177
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.0 63.0
 148 64.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.295 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion: 75 Resp: 34301
 Ion Ratio Lower Upper
 75 100
 155 78.0 40.7 122.1
 157 97.1 51.5 154.7

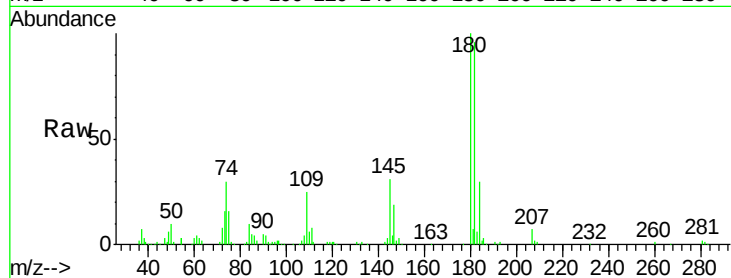




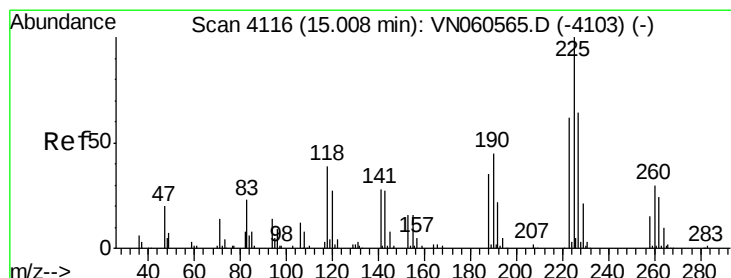
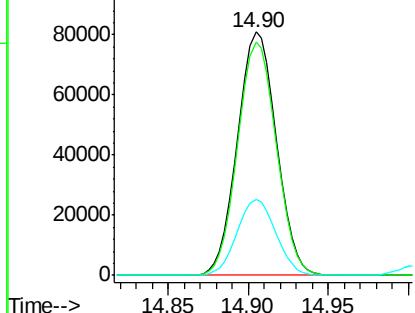
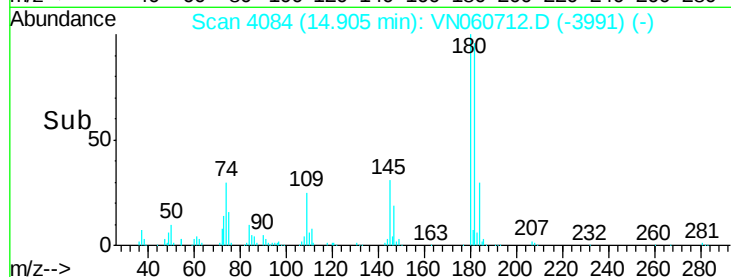
#93
 1,2,4-Trichlorobenzene
 Concen: 49.940 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

Tgt Ion:180 Resp: 134190
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.8
 145 31.2 15.4 46.2

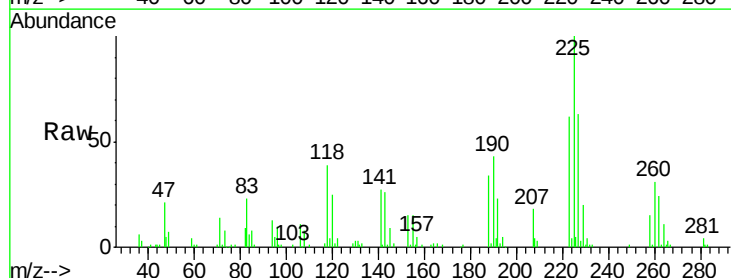


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

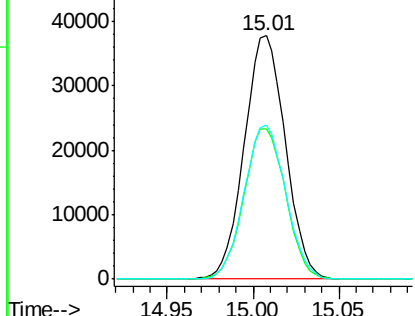
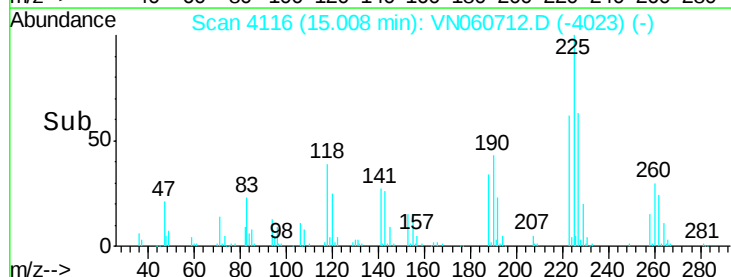


#94
 Hexachlorobutadiene
 Concen: 47.523 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060712.D
 Acq: 26 Mar 2020 14:18

Tgt Ion:225 Resp: 62600
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.0 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

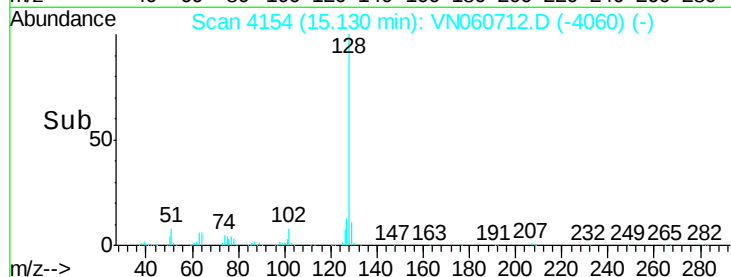
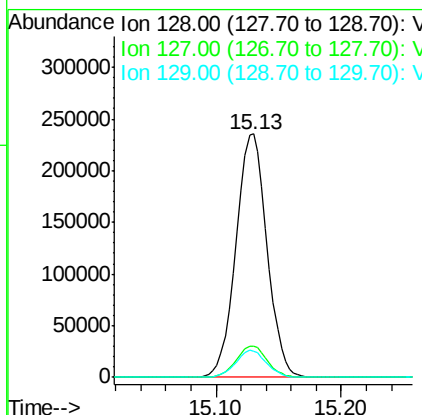
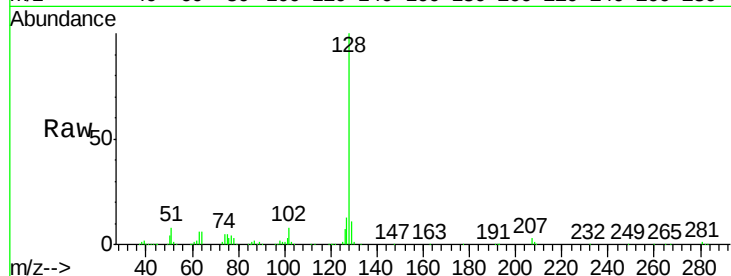




#95
Naphthalene
Concen: 49.928 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MSD

Tgt Ion:128 Resp: 403523
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.853 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060712.D
Acq: 26 Mar 2020 14:18

Tgt Ion:180 Resp: 129298
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.6
145 31.5 16.3 48.8

