

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060711.D
 Acq On : 26 Mar 2020 13:55
 Operator : JC/MD
 Sample : L1997-02MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Manual Integrations
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 3/27/2020 10:11:17 AM

Quant Time: Mar 27 06:54:10 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	184590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	322386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140761	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	135712	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
35) Dibromofluoromethane	7.56	113	101955	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	10.08	98	405429	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	147582	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	88646	49.632	ug/l	100
3) Chloromethane	2.04	50	159157	47.712	ug/l	100
4) Vinyl Chloride	2.17	62	125372	48.052	ug/l	98
5) Bromomethane	2.55	94	59187	52.549	ug/l	99
6) Chloroethane	2.69	64	78422	52.178	ug/l	100
7) Trichlorofluoromethane	3.00	101	162763	50.641	ug/l	99
8) Diethyl Ether	3.38	74	68855	53.328	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91869	49.329	ug/l	100
10) Methyl Iodide	3.93	142	87421	52.753	ug/l	99
11) Tert butyl alcohol	4.72	59	100259	269.028	ug/l	99
12) 1,1-Dichloroethene	3.72	96	103118	51.597	ug/l	100
13) Acrolein	3.57	56	120653	292.117	ug/l	99
14) Allyl chloride	4.29	41	170967	48.639	ug/l	100
15) Acrylonitrile	4.94	53	303894	277.307	ug/l	100
16) Acetone	3.78	43	249950	278.466	ug/l	99
17) Carbon Disulfide	4.03	76	293556	48.297	ug/l	99
18) Methyl Acetate	4.29	43	122909	48.648	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	358119	52.119	ug/l	98
20) Methylene Chloride	4.52	84	114811	51.997	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	108591	50.982	ug/l	96
22) Diisopropyl ether	5.91	45	401525	54.070	ug/l	96
23) Vinyl Acetate	5.86	43	1432864	236.482	ug/l	99
24) 1,1-Dichloroethane	5.82	63	228467	56.435	ug/l	99
25) 2-Butanone	6.80	43	401399	276.357	ug/l	99
26) 2,2-Dichloropropane	6.79	77	120555	37.849	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	135120	55.823	ug/l	98
28) Bromochloromethane	7.17	49	98954	51.089	ug/l	99
29) Tetrahydrofuran	7.18	42	278502	271.002	ug/l	98
30) Chloroform	7.35	83	204332	52.650	ug/l	100
31) Cyclohexane	7.63	56	192027	47.050	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	179528	53.660	ug/l	99
36) 1,1-Dichloropropene	7.77	75	154636	49.536	ug/l	99
37) Ethyl Acetate	6.89	43	150729	44.686	ug/l	100
38) Carbon Tetrachloride	7.75	117	141841	50.697	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	174518	47.043	ug/l	98
40) Benzene	8.02	78	474396	50.341	ug/l	99
41) Methacrylonitrile	7.15	41	80116m	55.654	ug/l	
42) 1,2-Dichloroethane	8.10	62	163305	50.707	ug/l	100
43) Isopropyl Acetate	8.14	43	267087	48.013	ug/l	100
44) Trichloroethene	8.82	130	163085	68.650	ug/l	97
45) 1,2-Dichloropropane	9.10	63	129179	51.950	ug/l	97
46) Dibromomethane	9.19	93	77333	51.442	ug/l	100
47) Bromodichloromethane	9.38	83	160849	51.491	ug/l	99
48) Methyl methacrylate	9.18	41	128843	52.021	ug/l	99
49) 1,4-Dioxane	9.18	88	30448	1034.280	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	846322	267.359	ug/l	99
52) Toluene	10.14	92	287859	50.579	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	174474	48.623	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	186049	47.262	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	111237	50.805	ug/l	99
56) Ethyl methacrylate	10.42	69	177923	52.117	ug/l	99
57) 1,3-Dichloropropane	10.70	76	193873	51.027	ug/l	99
59) 2-Hexanone	10.74	43	618230	271.121	ug/l	100
60) Dibromochloromethane	10.89	129	118467	52.381	ug/l	99
61) 1,2-Dibromoethane	10.99	107	113897	51.732	ug/l	100
64) Tetrachloroethene	10.62	164	111690	47.921	ug/l	99
65) Chlorobenzene	11.42	112	288571	49.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	108109	50.854	ug/l	98
67) Ethyl Benzene	11.50	91	543635	49.788	ug/l	100
68) m/p-Xylenes	11.61	106	397100	97.867	ug/l	99
69) o-Xylene	11.94	106	191728	49.498	ug/l	98
70) Stvrene	11.96	104	317869	50.177	ug/l	100
71) Bromoform	12.12	173	85750	48.581	ug/l #	98
73) Isopropylbenzene	12.24	105	512822	48.546	ug/l	100
74) N-amyl acetate	12.06	43	215565	44.161	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162474	50.860	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	155610m	51.232	ug/l	
77) Bromobenzene	12.52	156	124513	48.916	ug/l	99
78) n-propylbenzene	12.59	91	594893	47.667	ug/l	99
79) 2-Chlorotoluene	12.67	91	354861	47.588	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	434454	48.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	52842	44.682	ug/l	100
82) 4-Chlorotoluene	12.77	91	367695	48.414	ug/l	99
83) tert-Butylbenzene	12.99	119	364221	49.012	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	431840	48.693	ug/l	100
85) sec-Butylbenzene	13.17	105	482405	48.275	ug/l	100
86) p-Isopropyltoluene	13.28	119	427746	47.602	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	217928	48.543	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	215951	47.878	ug/l	99
89) n-Butylbenzene	13.61	91	373355	46.020	ug/l	100
90) Hexachloroethane	13.87	117	65213	49.927	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	214220	49.903	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33676	50.332	ug/l	98
93) 1,2,4-Trichlorobenzene	14.90	180	127520	48.373	ug/l	100

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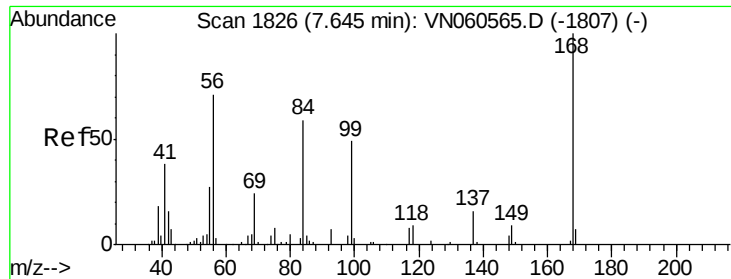
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	58355	45.156	ug/l	100
95) Naphthalene	15.13	128	396858	50.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	123924	47.726	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

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ClientSampleId :

MW203D-20200315MS

Tot Ion:168 Resp: 184590

Ion Ratio Lower Upper

168 100

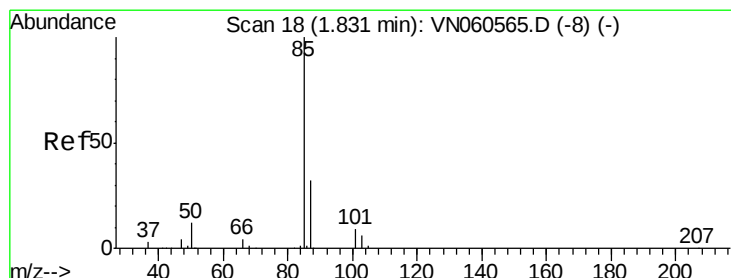
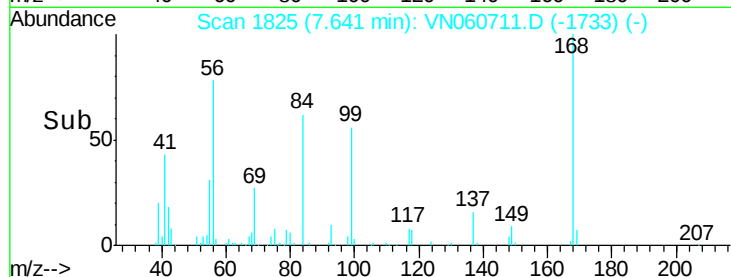
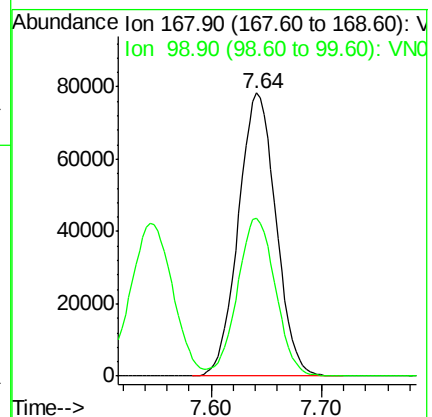
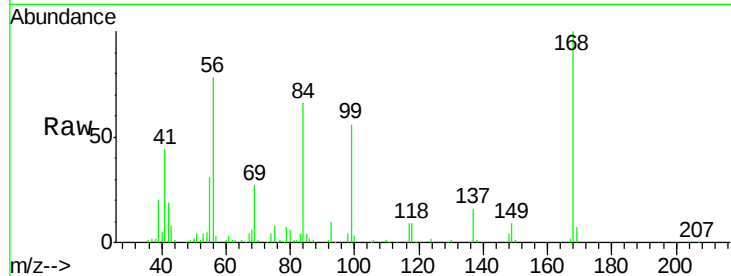
99 55.9 44.0 66.0

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#2

Dichlorodifluoromethane

Concen: 49.632 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060711.D

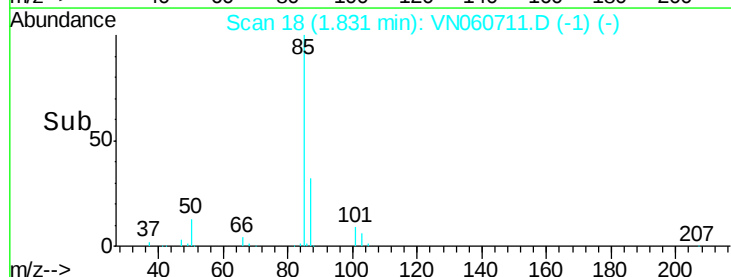
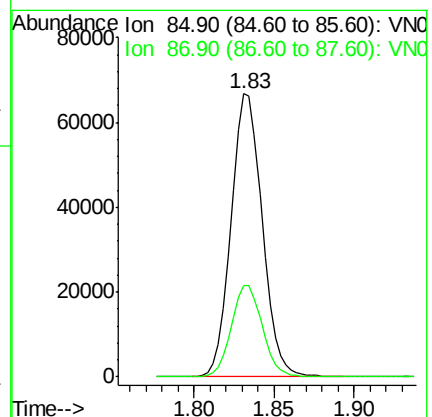
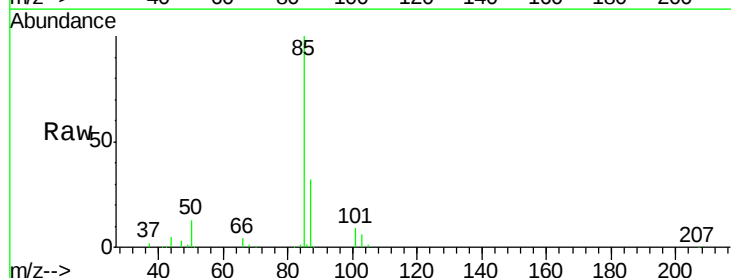
Acq: 26 Mar 2020 13:55

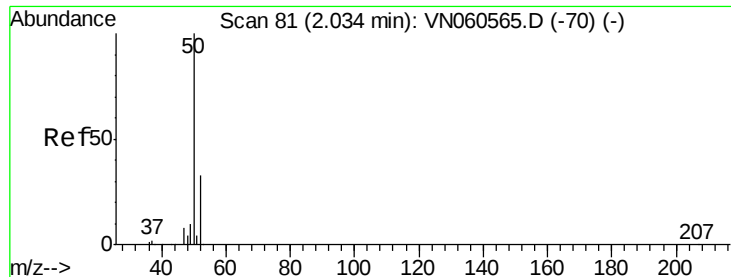
Tgt Ion: 85 Resp: 88646

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5





#3

Chloromethane

Concen: 47.712 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

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ClientSampleId :

MW203D-20200315MS

Tot Ion: 50 Resp: 159157

Ion Ratio Lower Upper

50 100

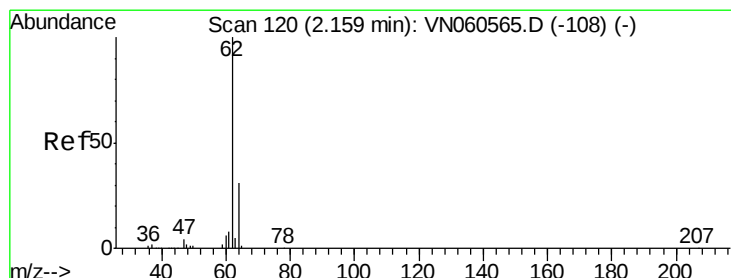
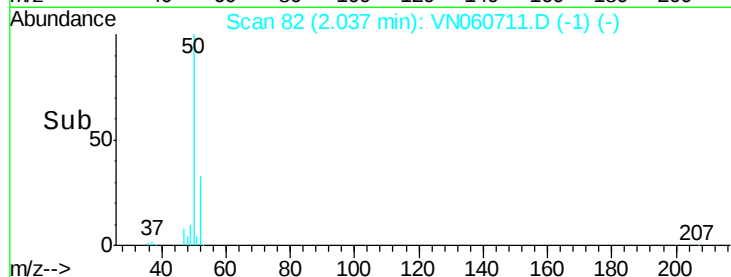
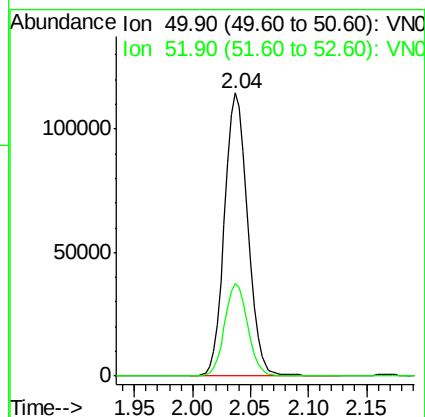
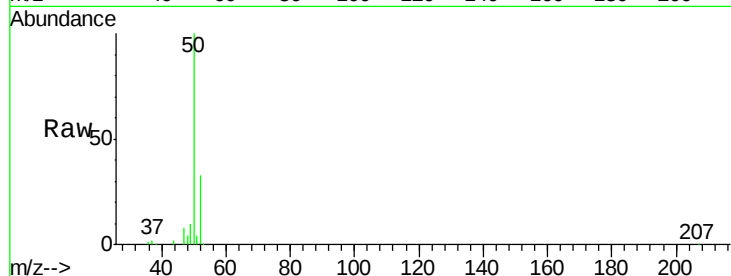
52 32.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 48.052 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060711.D

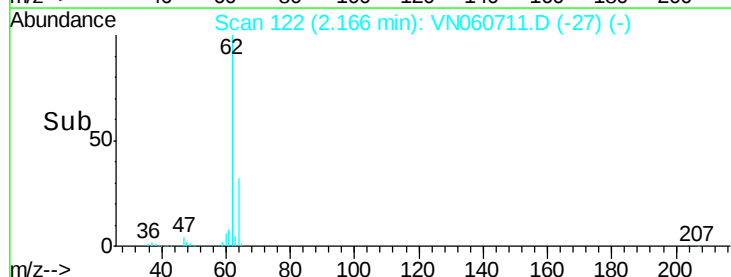
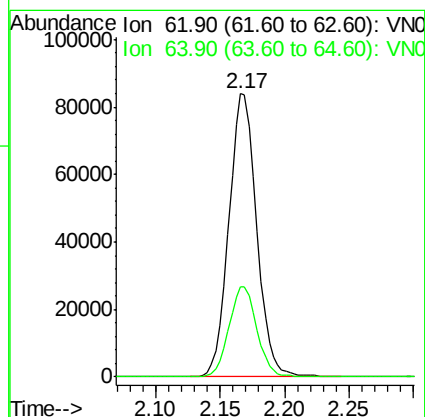
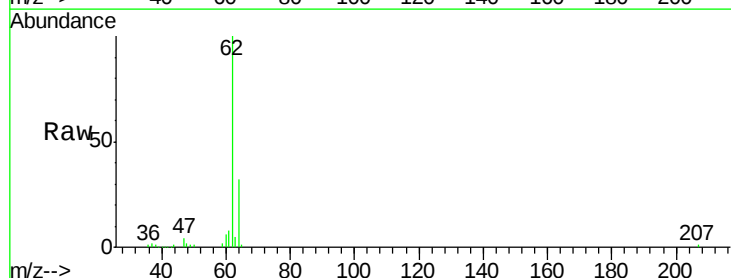
Acq: 26 Mar 2020 13:55

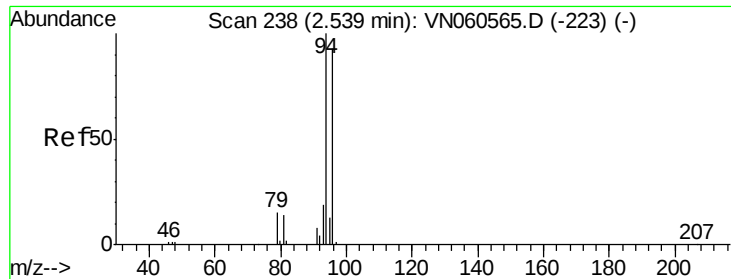
Tgt Ion: 62 Resp: 125372

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1





#5

Bromomethane

Concen: 52.549 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

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Tot Ion: 94 Resp: 59187

Ion Ratio Lower Upper

94 100

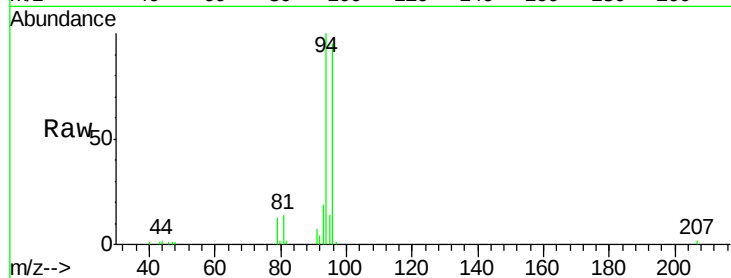
96 94.6 74.6 112.0

Manual Integrations

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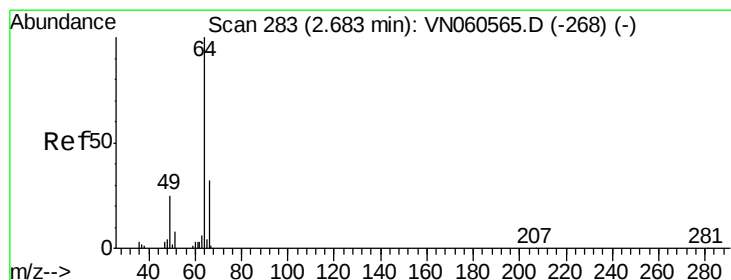
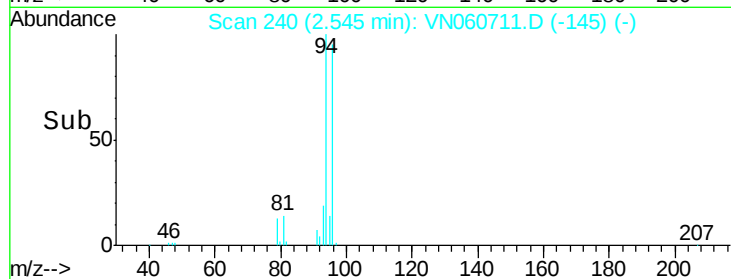
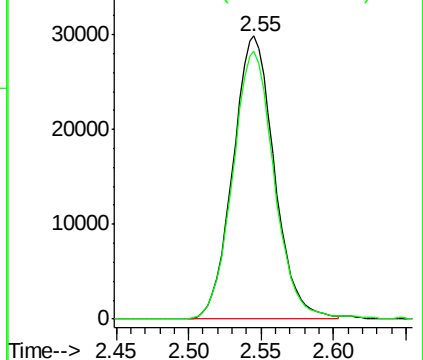
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 52.178 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060711.D

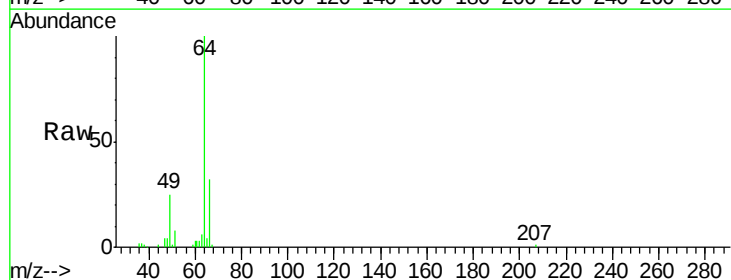
Acq: 26 Mar 2020 13:55

Tgt Ion: 64 Resp: 78422

Ion Ratio Lower Upper

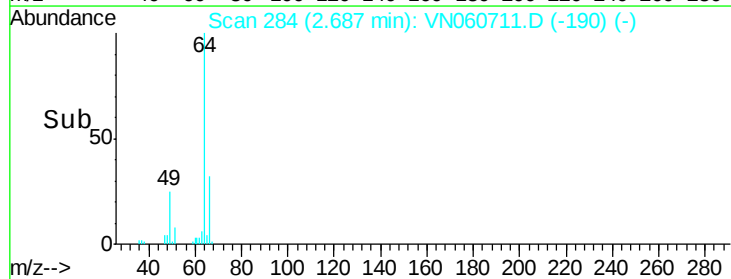
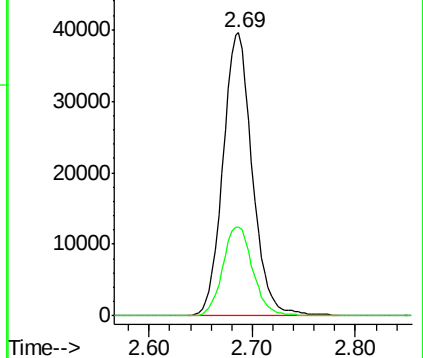
64 100

66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

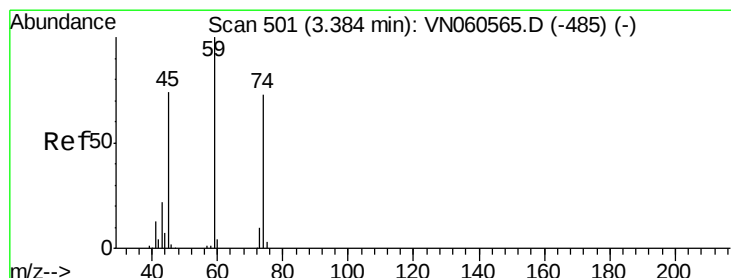
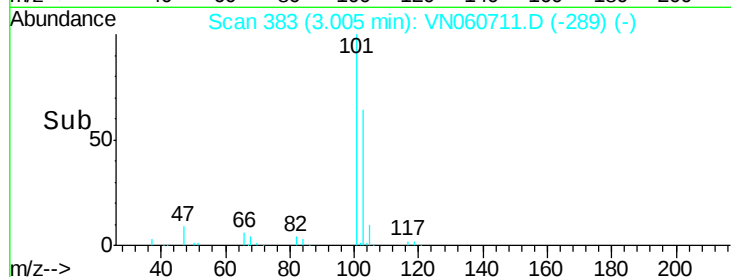
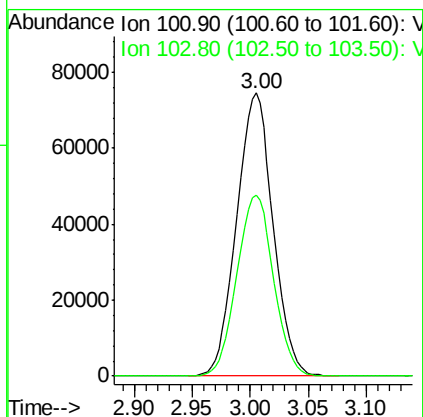
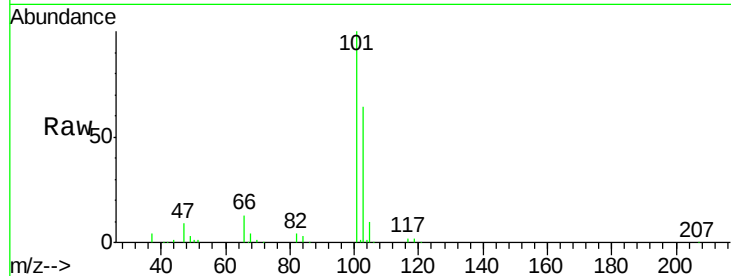
Trichlorofluoromethane
 Concen: 50.641 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060711.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		162763		
103	63.8	50.6	76.0		

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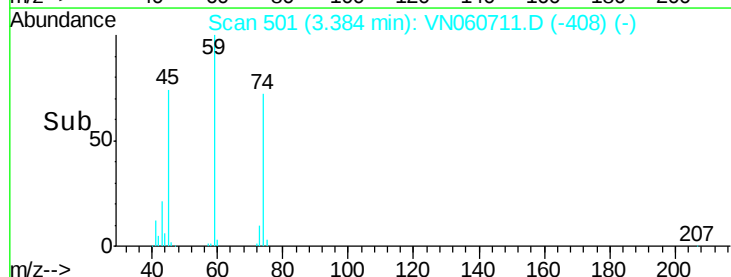
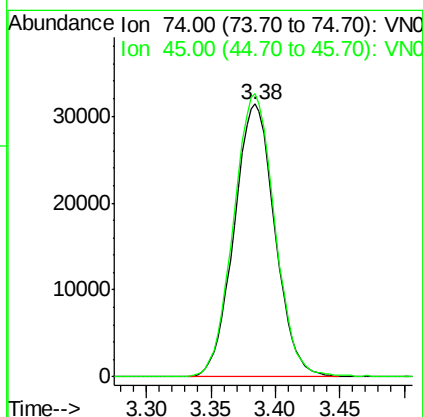
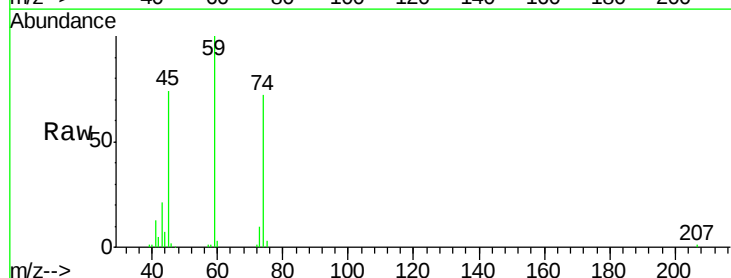
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#8

Diethyl Ether
 Concen: 53.328 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		68855		
45	105.3	51.3	153.9		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.329 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

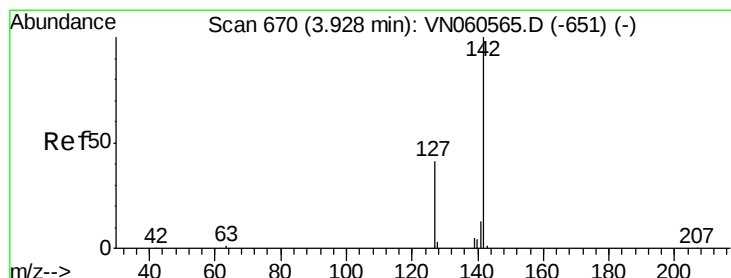
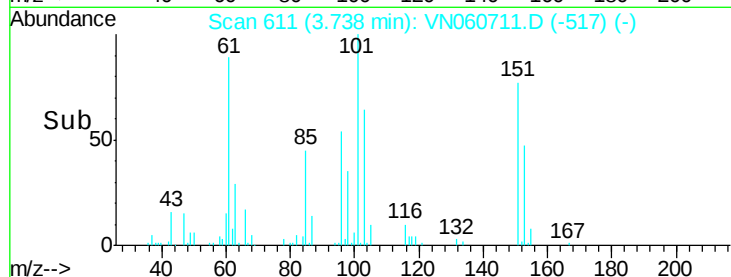
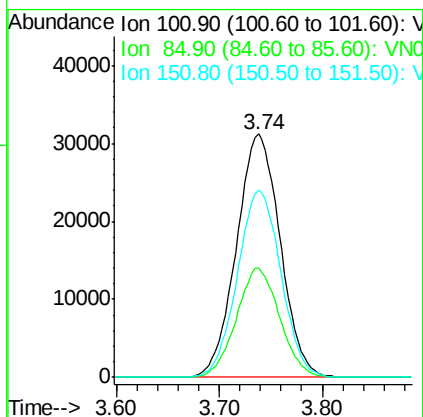
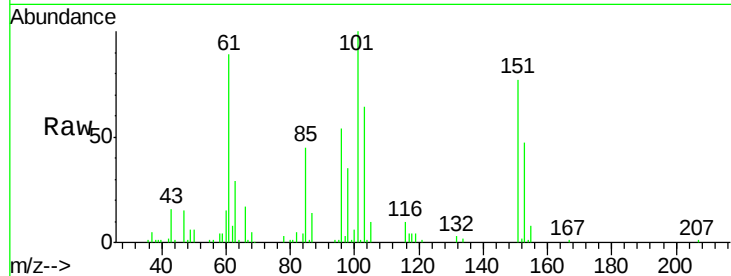
ClientSampleId :

MW203D-20200315MS

Tot Ion:	101	Resp:	91869
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.6	53.4
151	76.7	61.4	92.2

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#10

Methyl Iodide

Concen: 52.753 ug/l

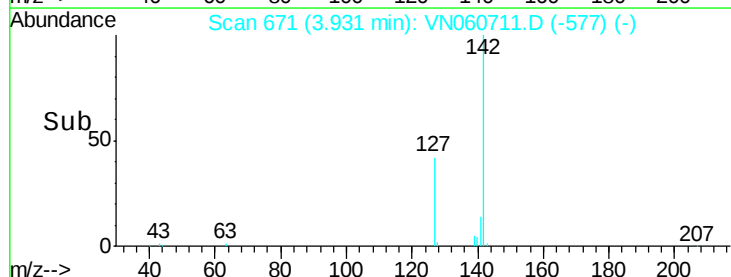
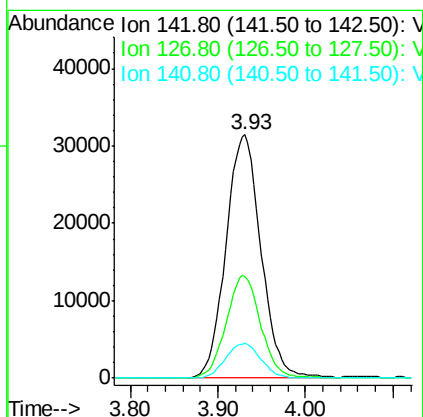
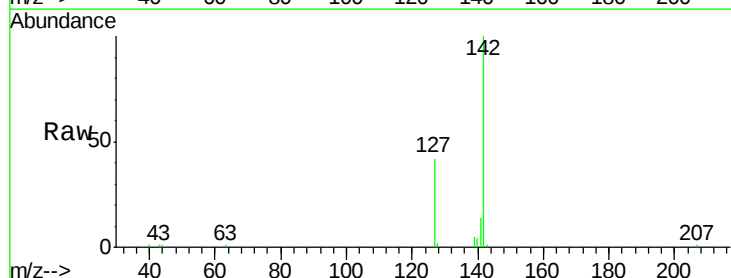
RT: 3.93 min Scan# 671

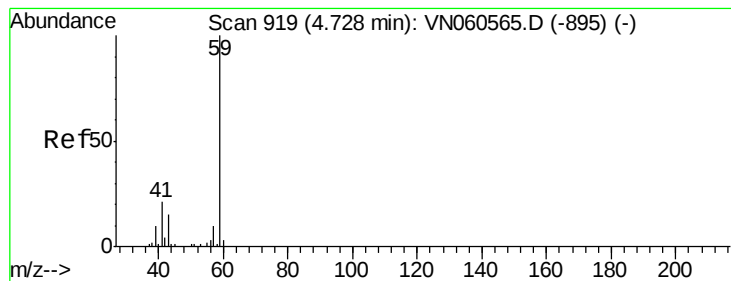
Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion:	142	Resp:	87421
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.5	50.3
141	14.2	11.0	16.6





#11

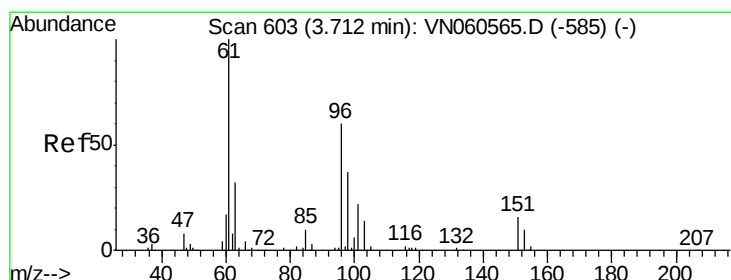
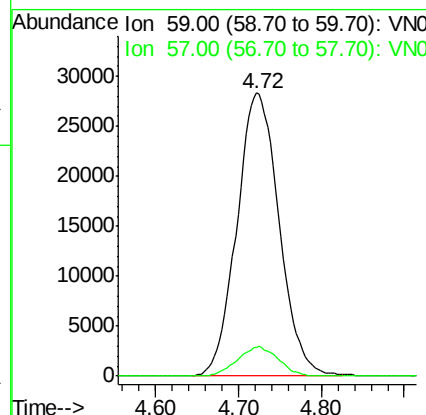
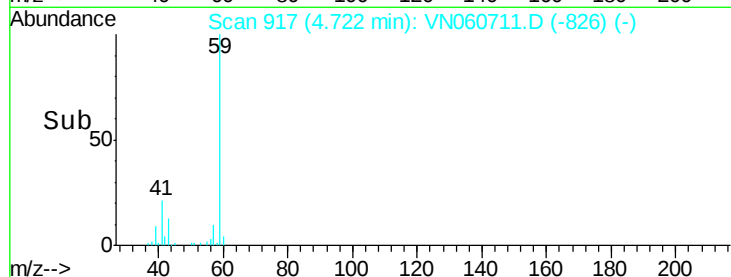
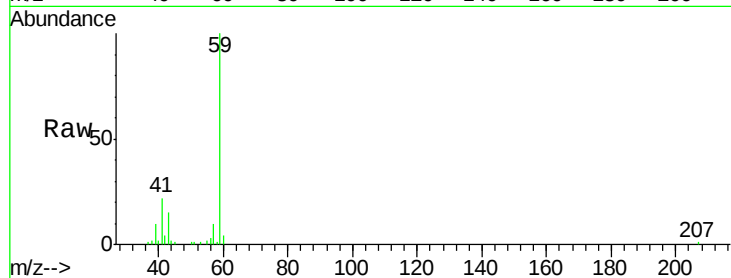
Tert butyl alcohol
Concen: 269.028 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

Manual Integrations
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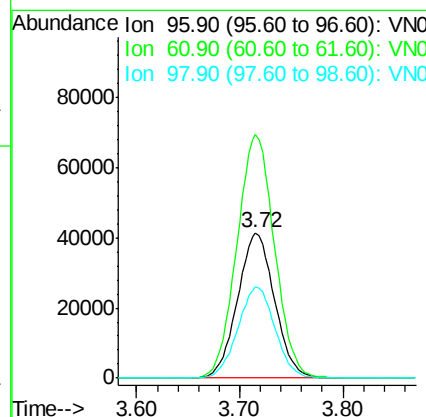
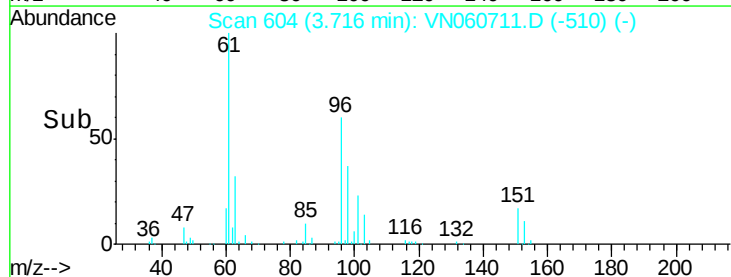
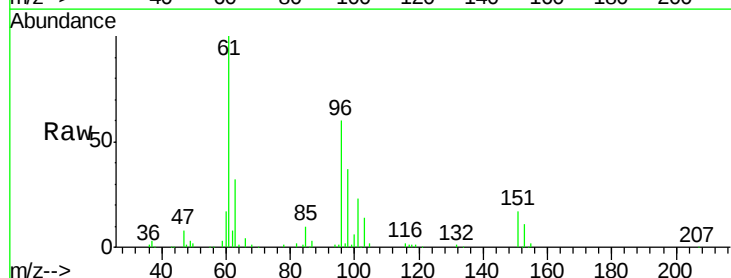
apatel
3/27/2020 10:11:17 AM



#12

1,1-Dichloroethene
Concen: 51.597 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.6	134.1	201.1
98	62.8	49.9	74.9





#13

Acrolein

Concen: 292.117 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MS

Tot Ion: 56 Resp: 120653

Ion Ratio Lower Upper

56 100

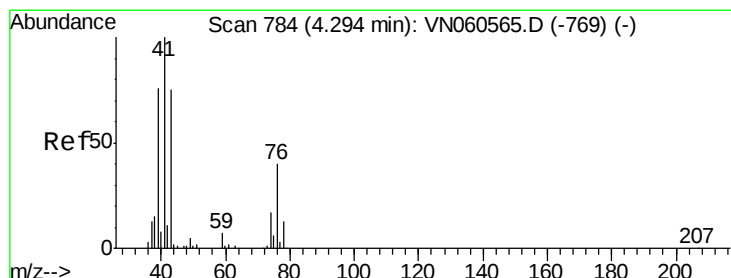
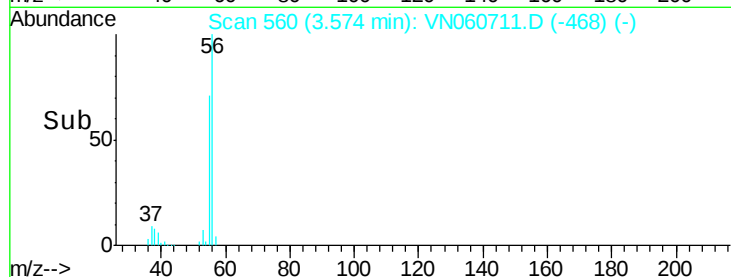
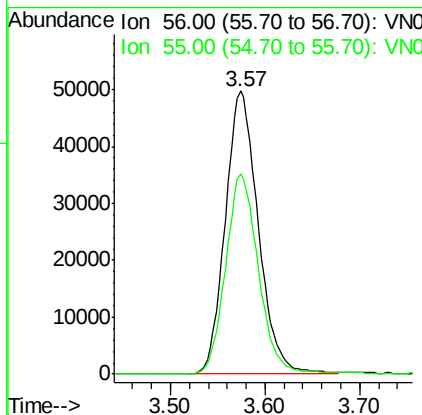
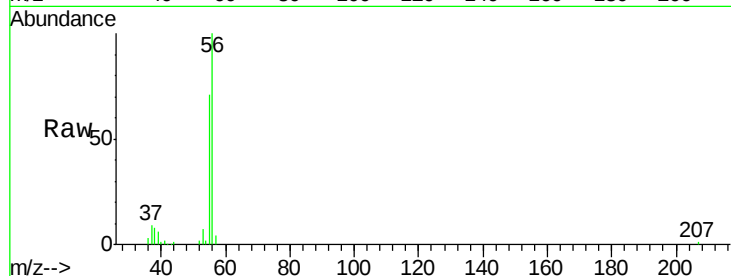
55 70.4 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 48.639 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

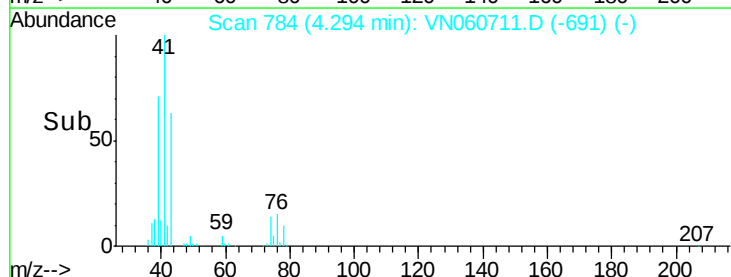
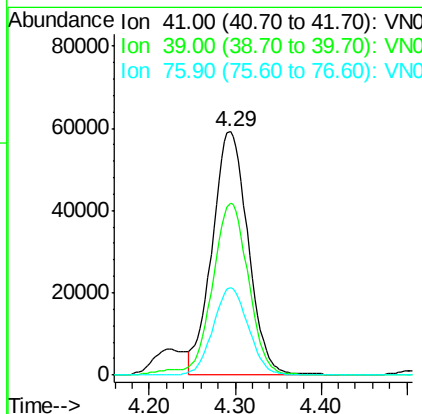
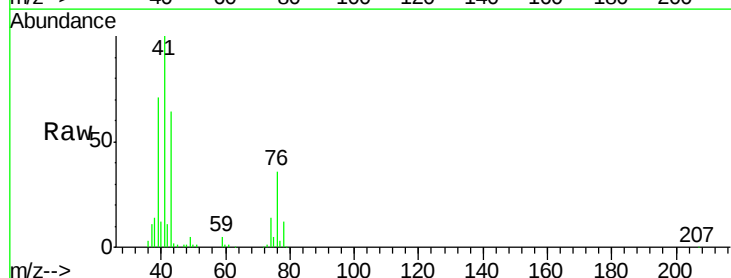
Tgt Ion: 41 Resp: 170967

Ion Ratio Lower Upper

41 100

39 72.2 57.8 86.8

76 35.4 28.6 43.0





#15

Acrylonitrile

Concen: 277.307 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

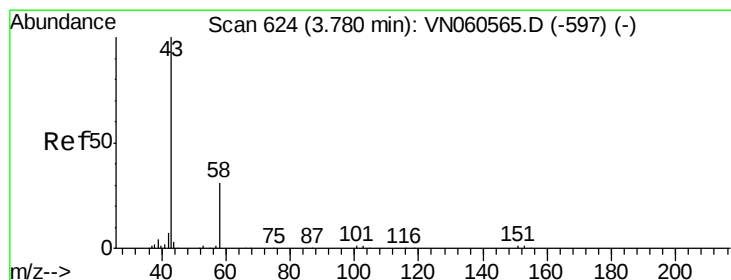
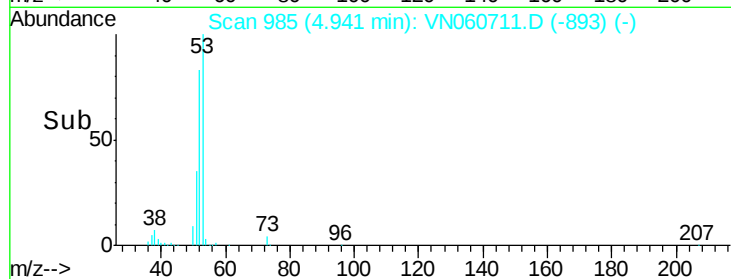
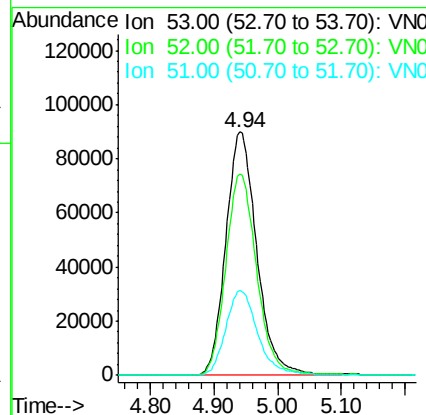
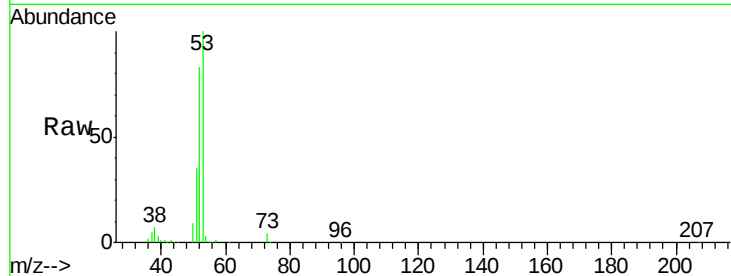
ClientSampleId :

MW203D-20200315MS

Tot Ion:	53	Resp:	303894
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.2	99.4
51	36.1	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 278.466 ug/l

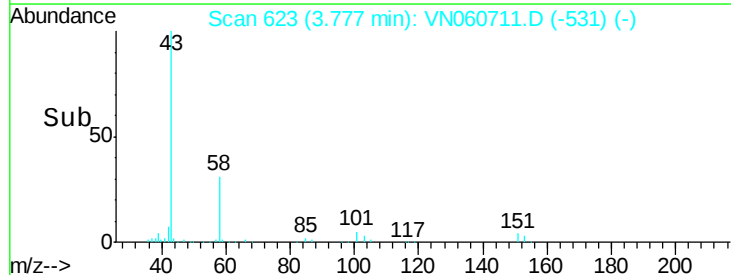
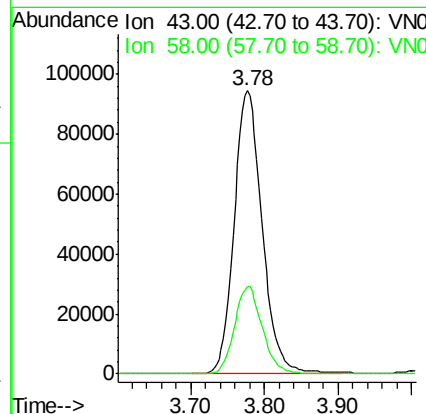
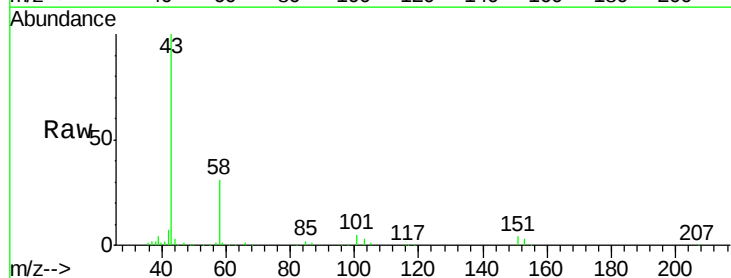
RT: 3.78 min Scan# 623

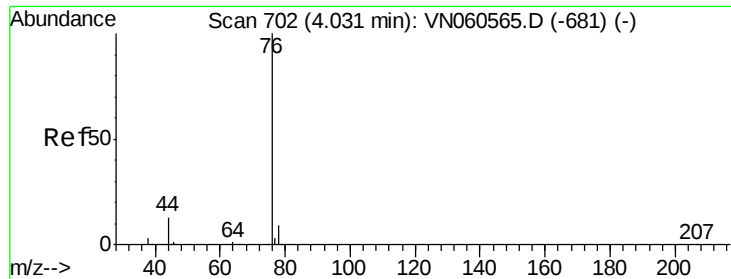
Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion:	43	Resp:	249950
Ion Ratio	Lower	Upper	
43	100		
58	30.7	25.1	37.7





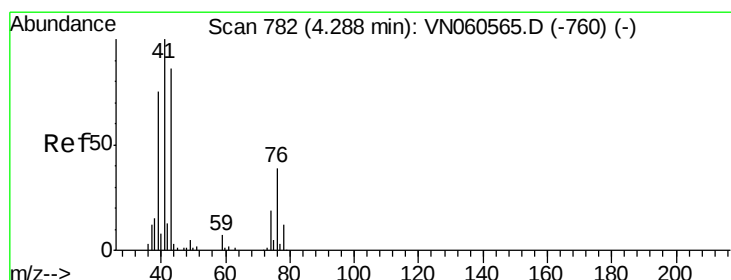
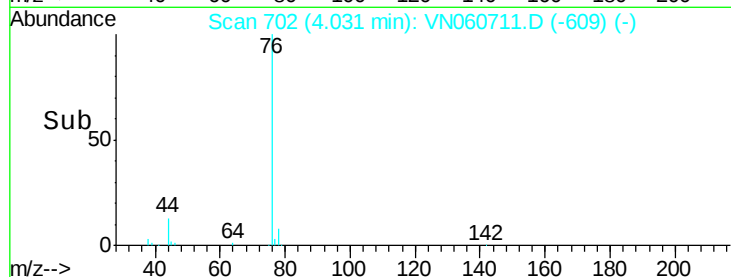
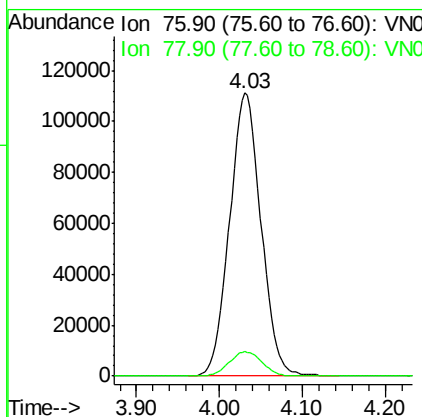
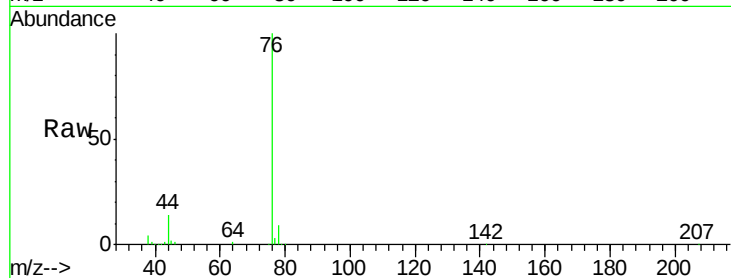
#17
Carbon Disulfide
Concen: 48.297 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

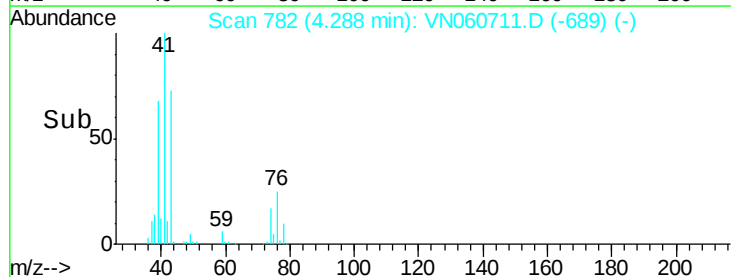
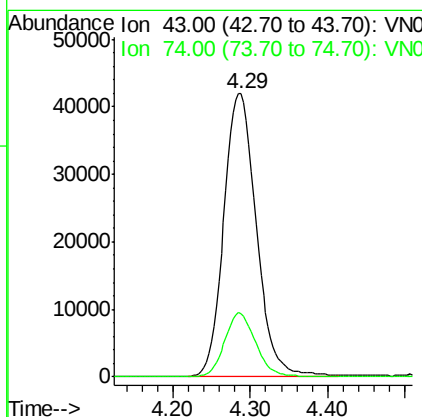
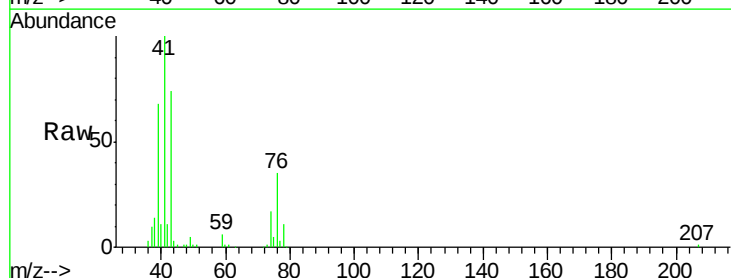
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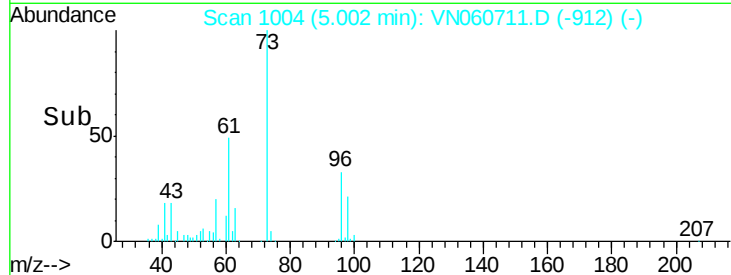
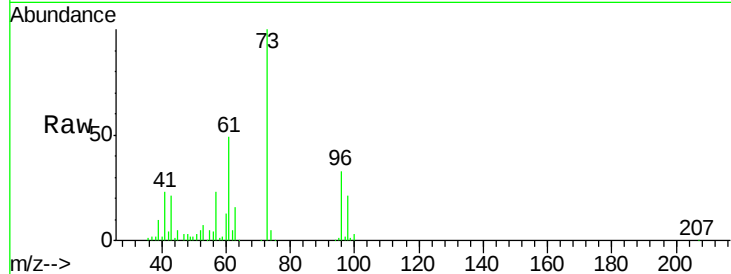
apatel
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#18
Methyl Acetate
Concen: 48.648 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.5	26.3





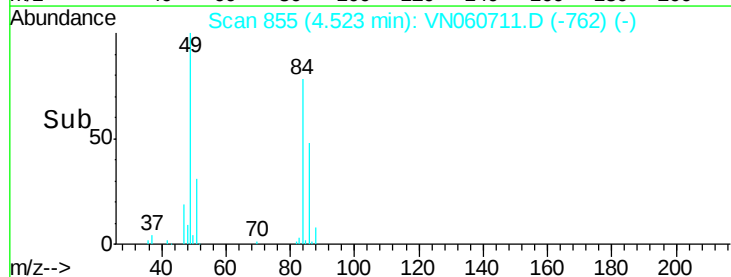
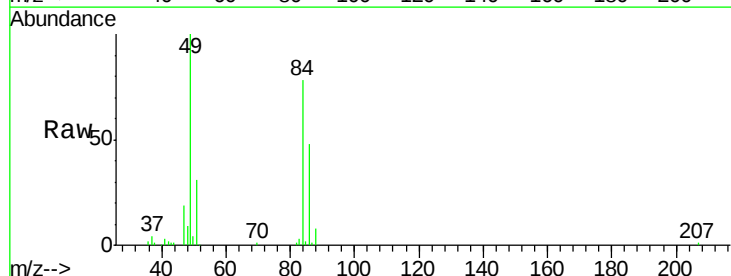
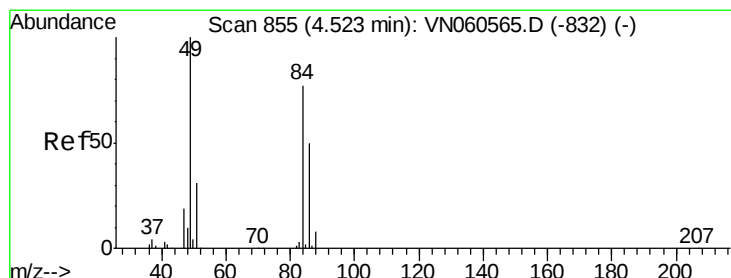
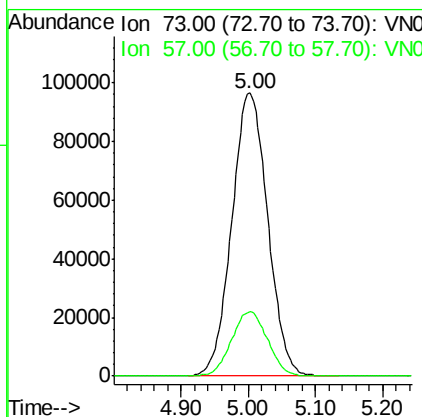
#19
Methvl tert-butvl Ether
Concen: 52.119 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tot Ion: 73 Resp: 358119
Ion Ratio Lower Upper
73 100
57 22.7 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

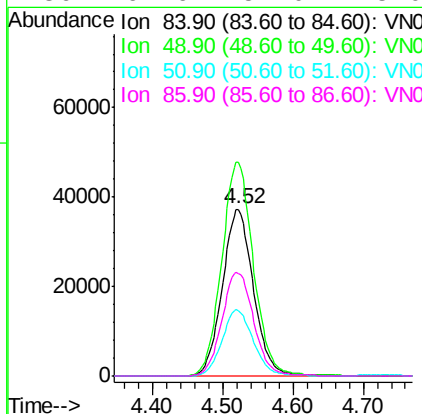
Manual Integrations
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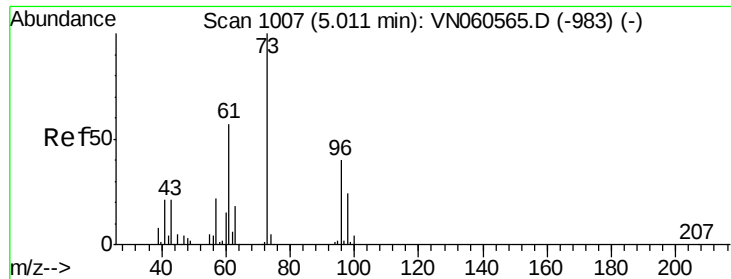
apatel
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#20
Methylene Chloride
Concen: 51.997 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion: 84 Resp: 114811
Ion Ratio Lower Upper
84 100
49 128.2 103.3 154.9
51 39.3 31.6 47.4
86 61.6 52.0 78.0





#21

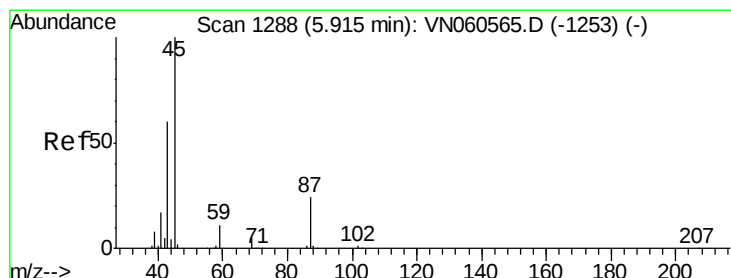
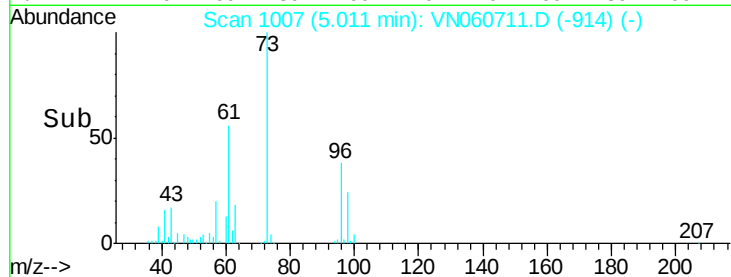
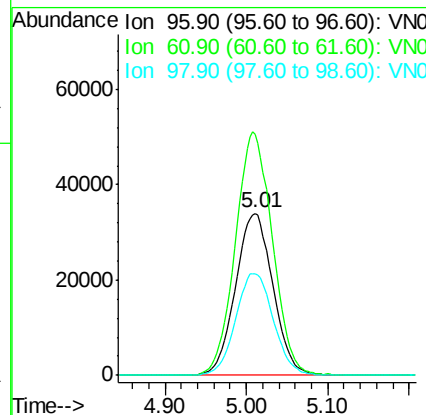
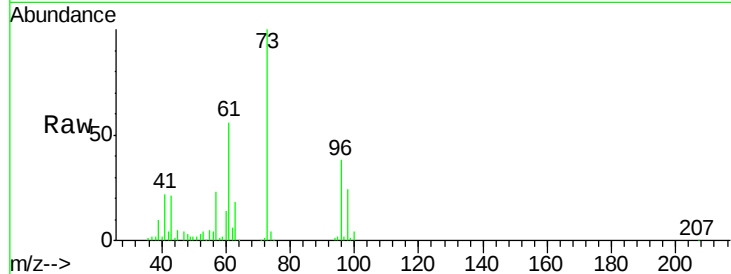
trans-1,2-Dichloroethene
Concen: 50.982 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.9	114.4	171.6
98	62.6	48.4	72.6

Manual Integrations
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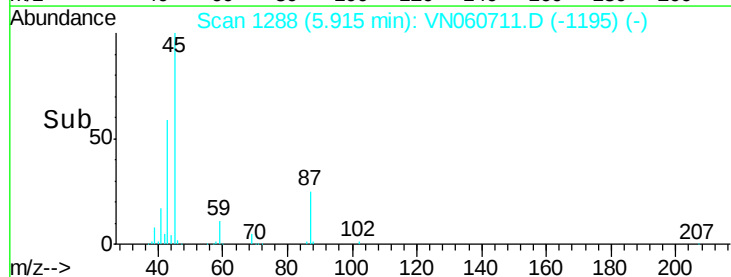
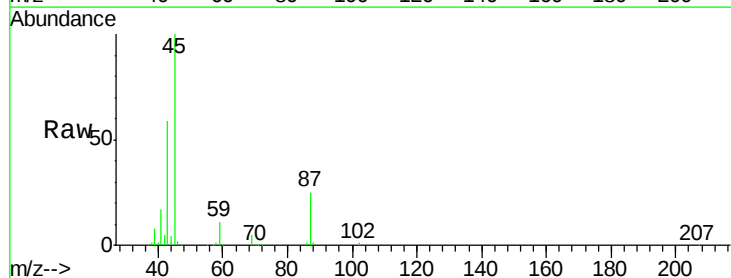
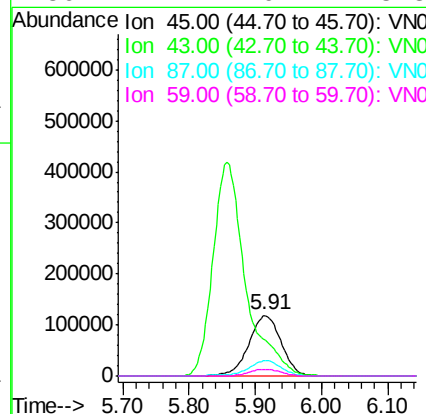
apatel
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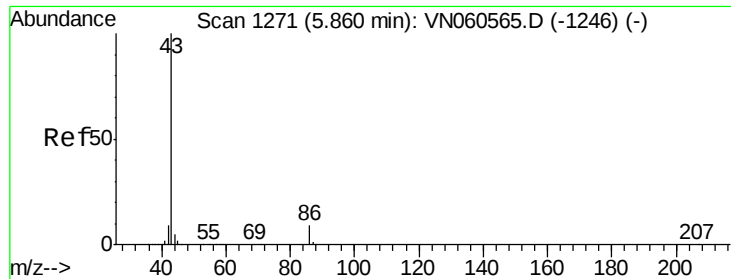


#22

Diisopropyl ether
Concen: 54.070 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.0	49.8	74.8
87	25.3	20.1	30.1
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 236.482 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MS

Tot Ion: 43 Resp: 1432864

Ion Ratio Lower Upper

43 100

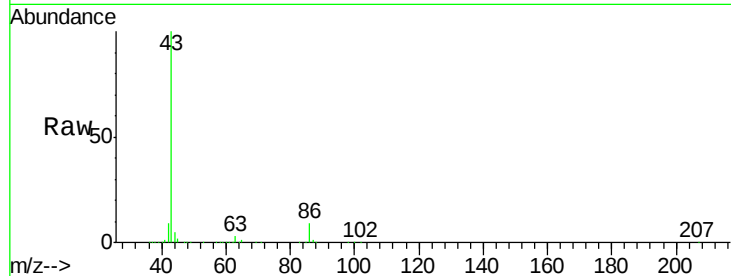
86 9.3 7.6 11.4

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Abundance Ion 43.00 (42.70 to 43.70): VN060711.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060711.D (-1178) (-)

5.86

400000

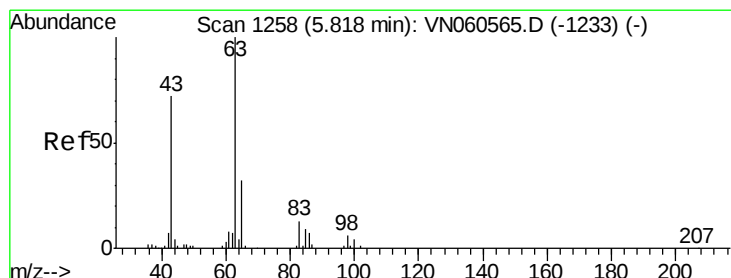
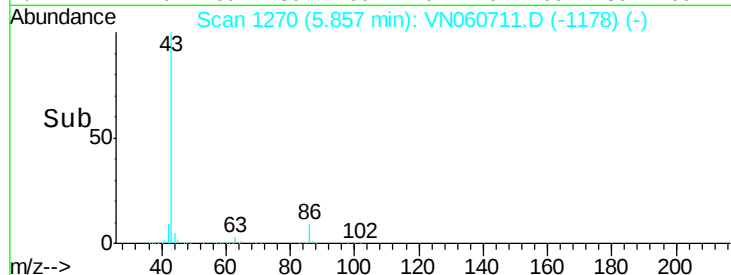
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 56.435 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

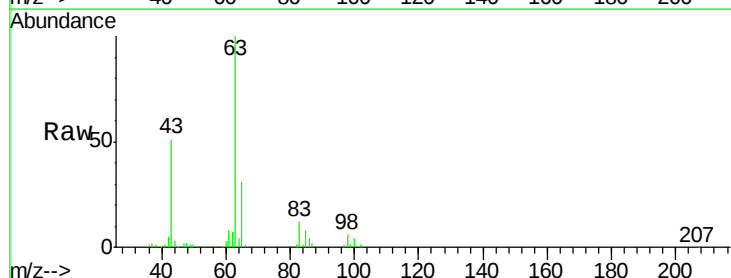
Tgt Ion: 63 Resp: 228467

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060711.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060711.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060711.D (-1165) (-)

5.82

100000

80000

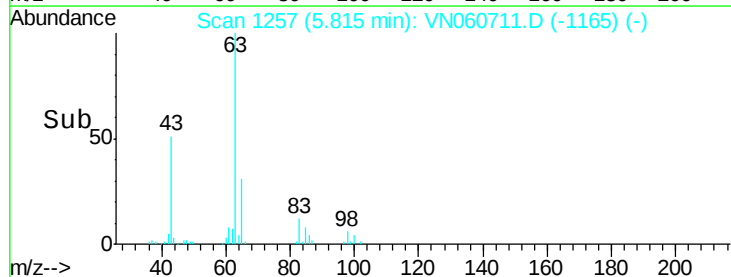
60000

40000

20000

0

Time-->





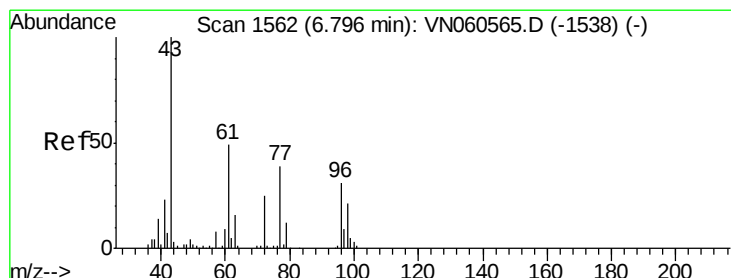
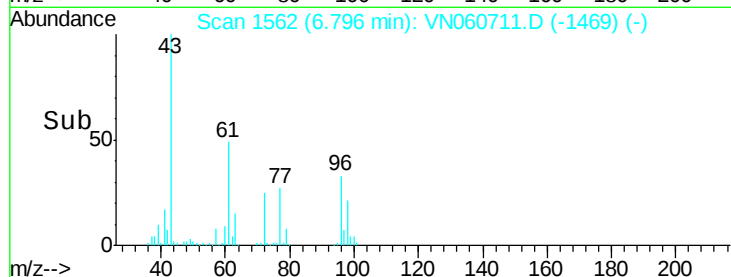
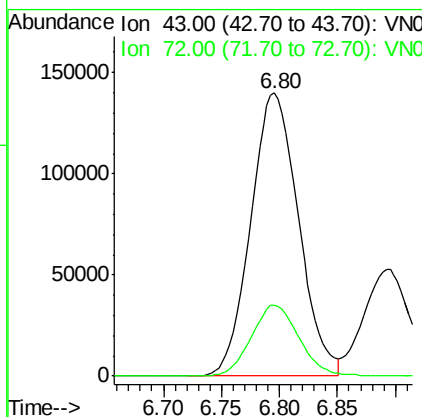
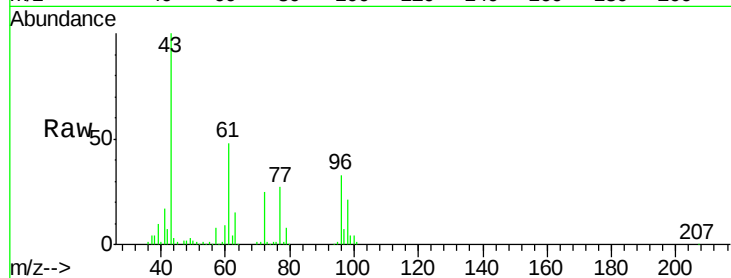
#25
2-Butanone
Concen: 276.357 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion: 43 Resp: 401399
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6

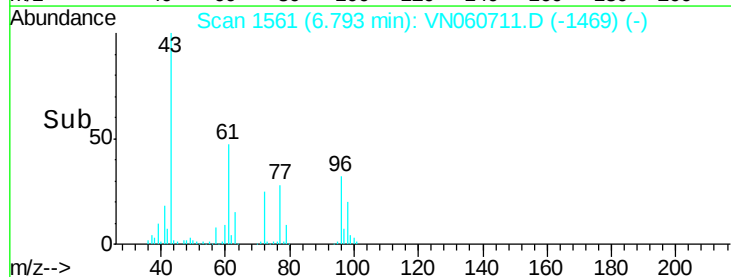
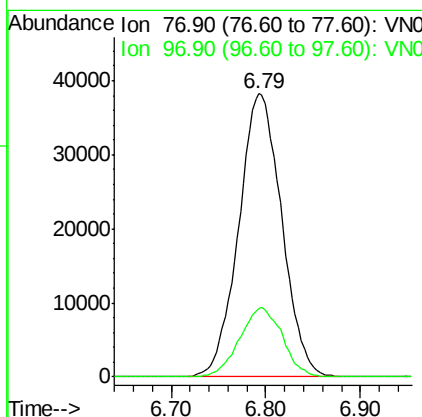
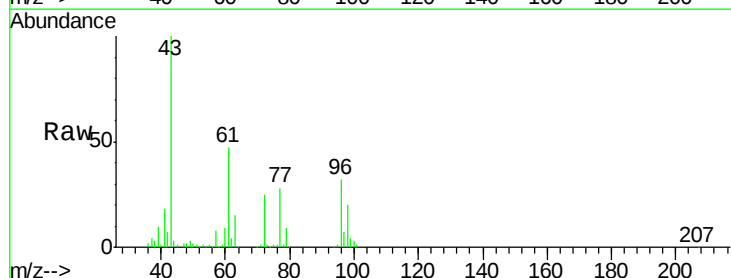
Manual Integrations
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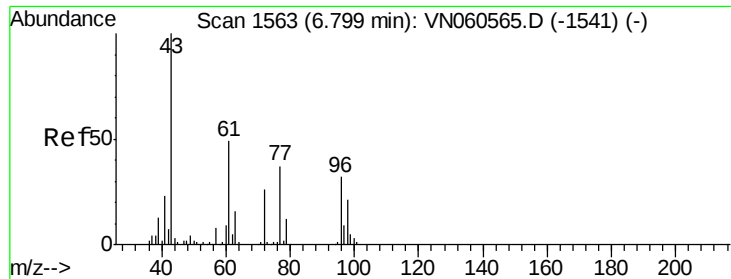
apatel
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#26
2,2-Dichloropropane
Concen: 37.849 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion: 77 Resp: 120555
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 55.823 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060711.D

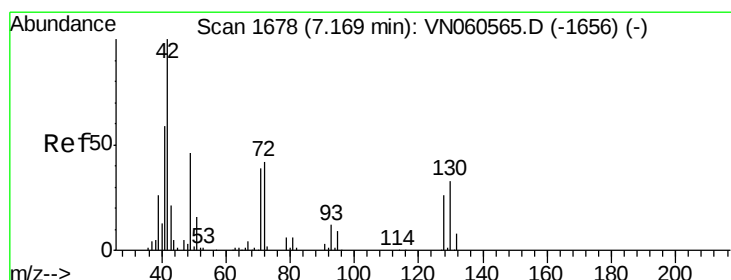
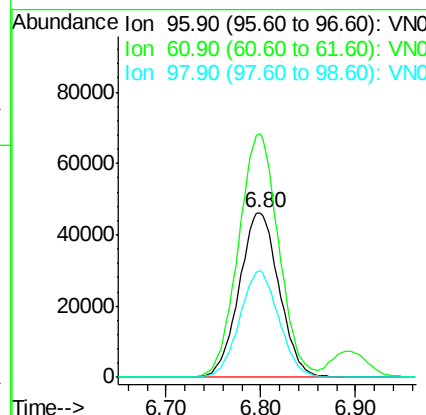
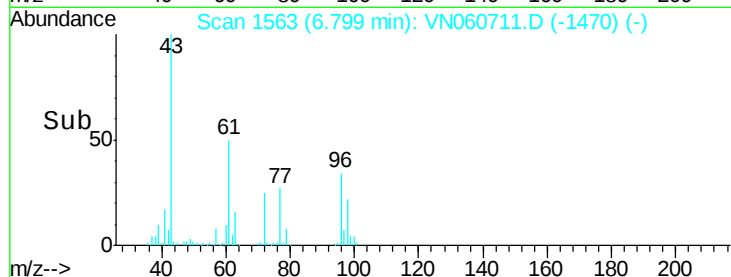
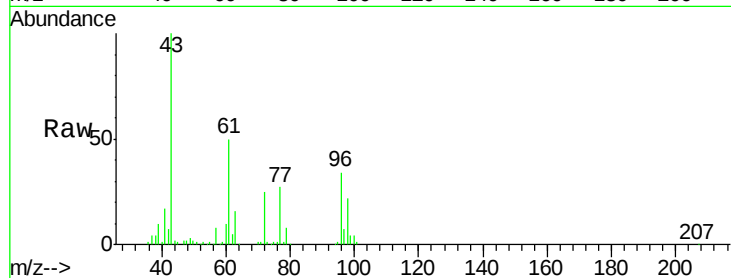
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.2	0.0	305.6	
98	63.6	0.0	127.6	

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#28

Bromochloromethane

Concen: 51.089 ug/l

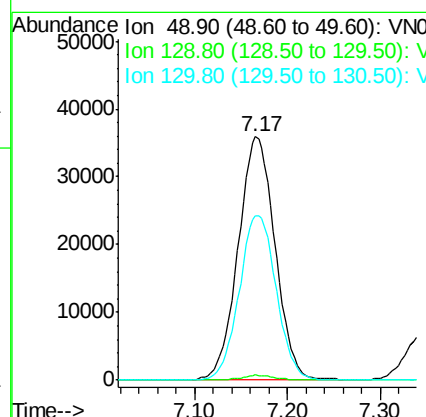
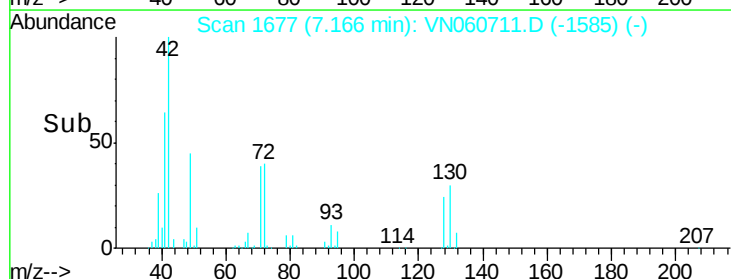
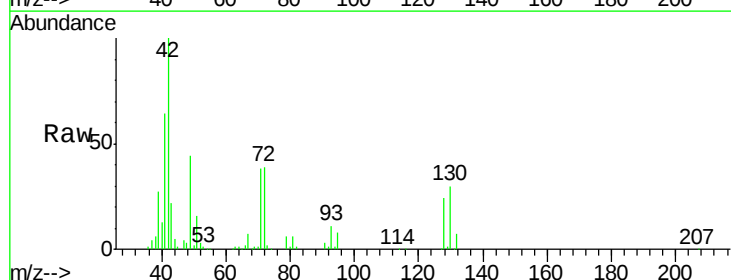
RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	3.4	
130	67.8	55.0	82.4	





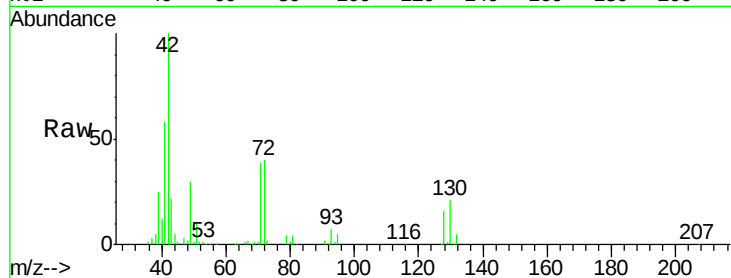
#29
Tetrahydrofuran
Concen: 271.002 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

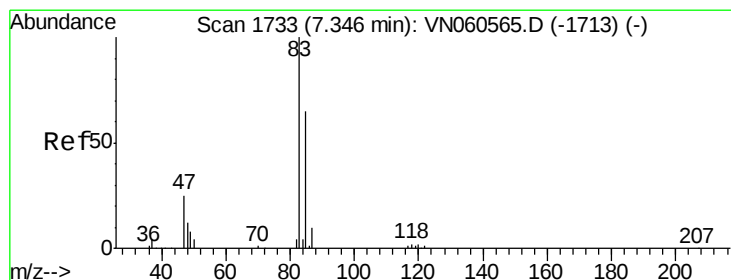
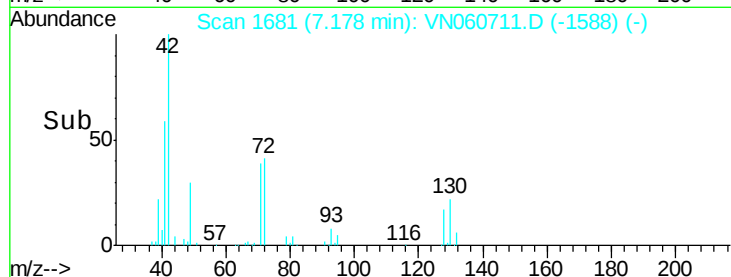
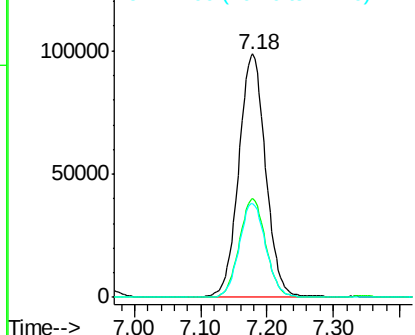
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.2	49.8
71	38.2	31.1	46.7

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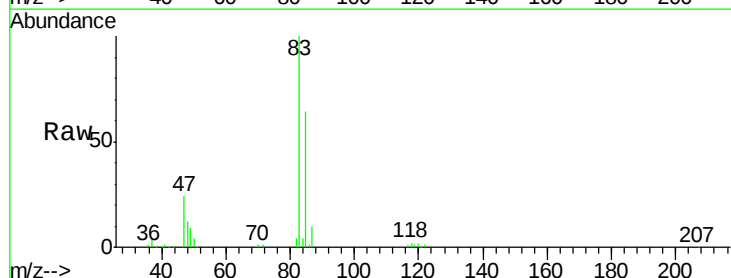


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

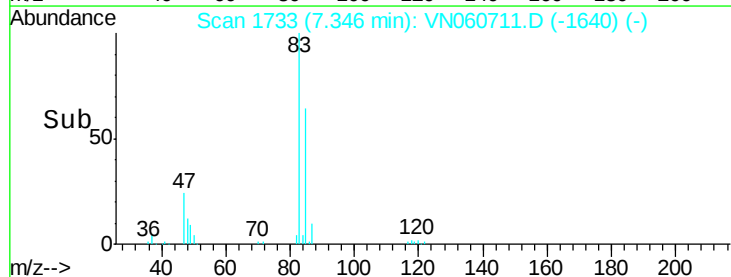
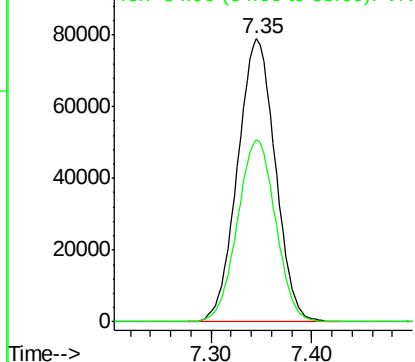


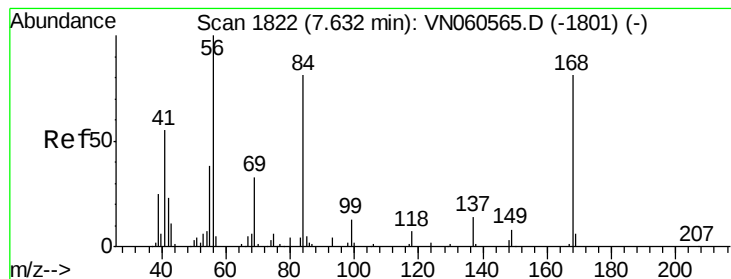
#30
Chloroform
Concen: 52.650 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.8



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





#31

Cyclohexane

Concen: 47.050 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

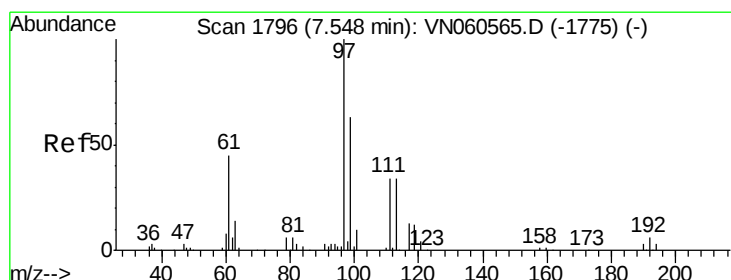
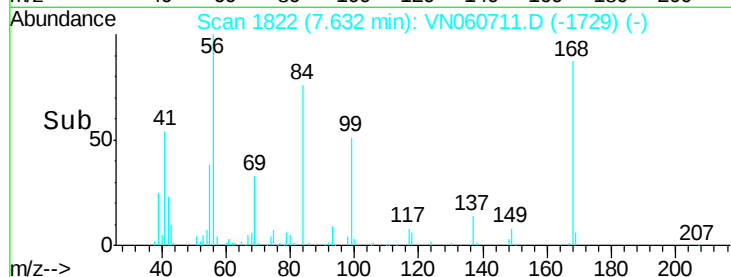
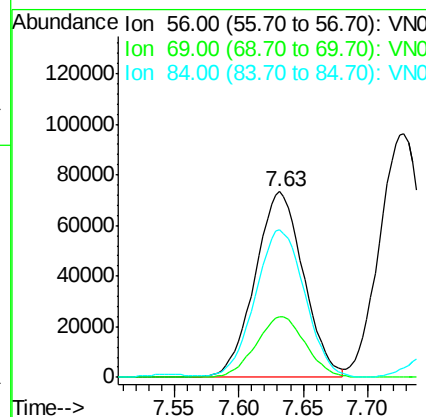
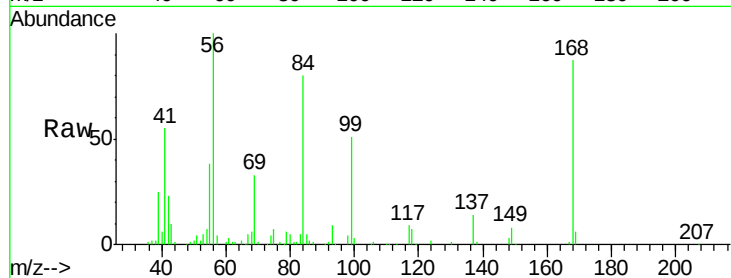
MW203D-20200315MS

Tot Ion: 56 Resp: 192027

Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.6	40.0
84	78.5	64.3	96.5

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#32

1,1,1-Trichloroethane

Concen: 53.660 ug/l

RT: 7.54 min Scan# 1795

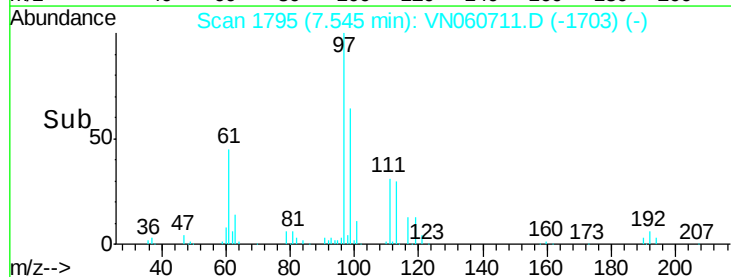
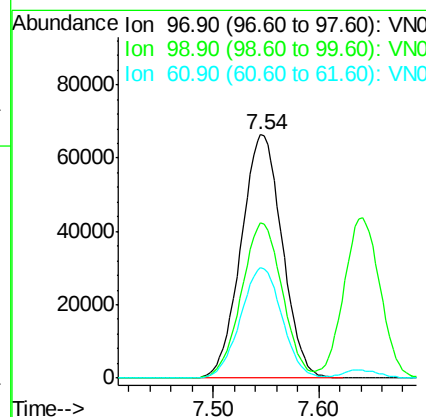
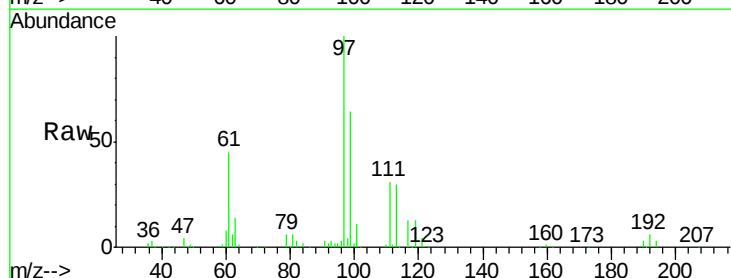
Delta R.T. -0.00 min

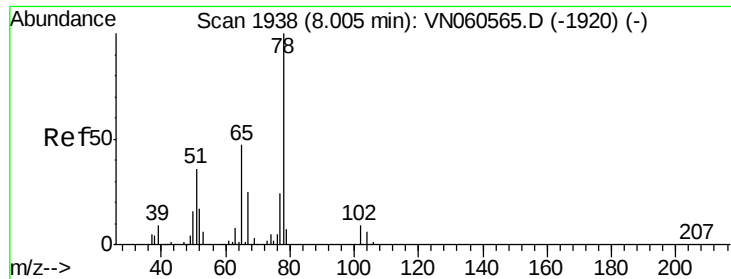
Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion: 97 Resp: 179528

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	75.8
61	45.8	36.2	54.4





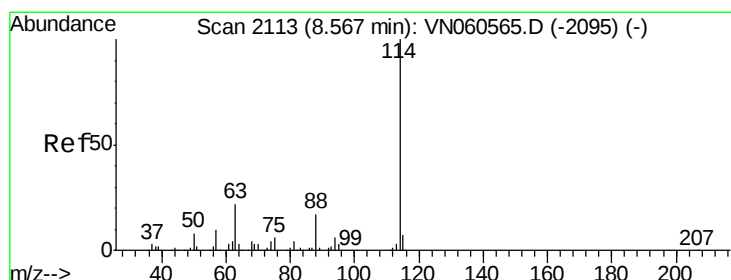
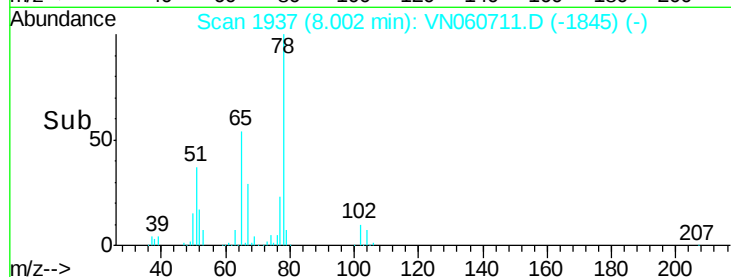
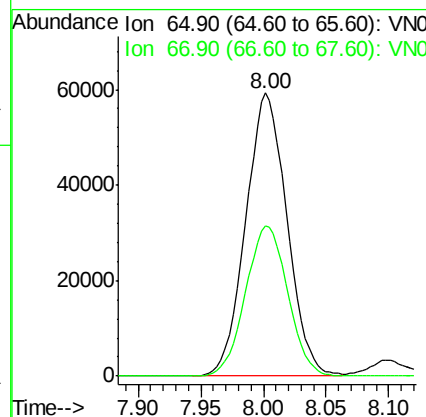
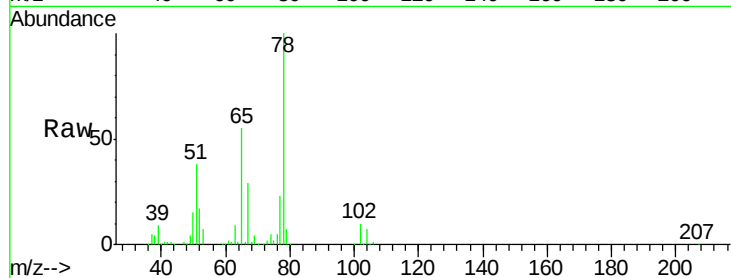
#33
 1,2-Dichloroethane-d4
 Concen: 53.556 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.2	0.0	107.6	

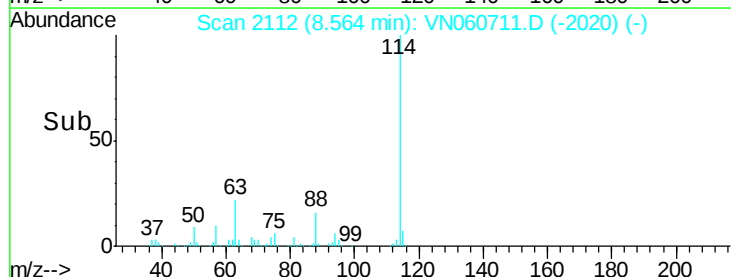
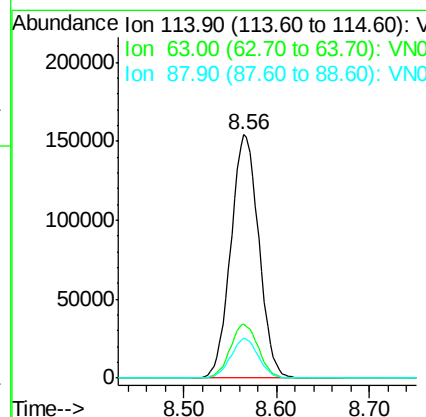
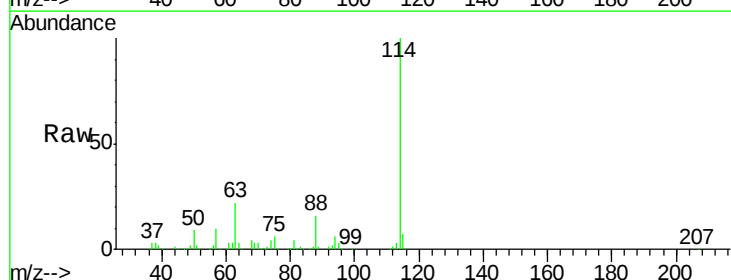
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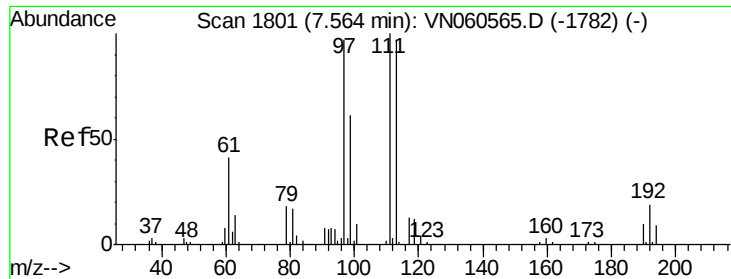
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.1	0.0	43.8	
88	16.2	0.0	33.0	





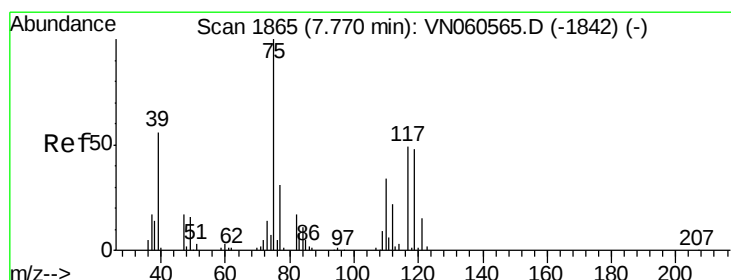
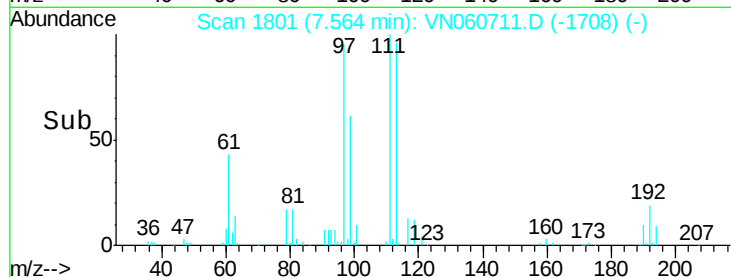
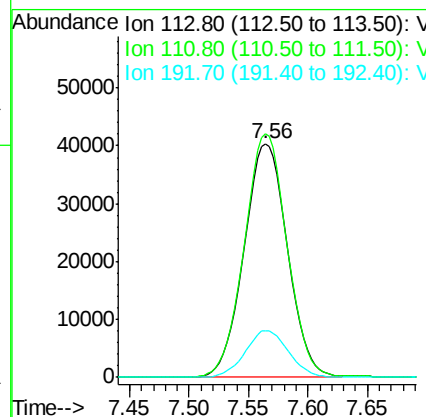
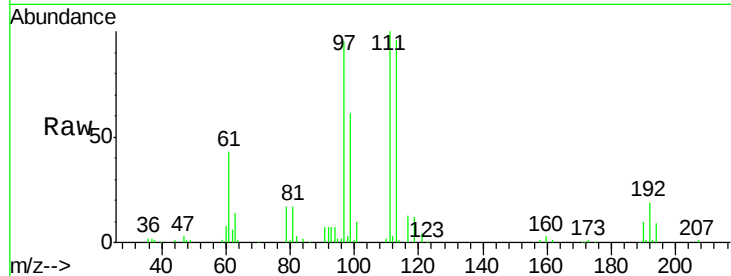
#35
 Dibromofluoromethane
 Concen: 52.302 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	82.9	124.3	
192	19.9	15.8	23.8	

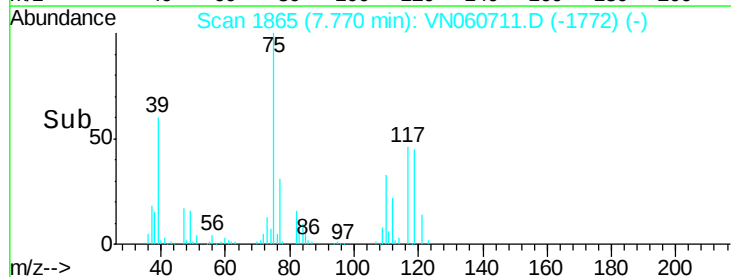
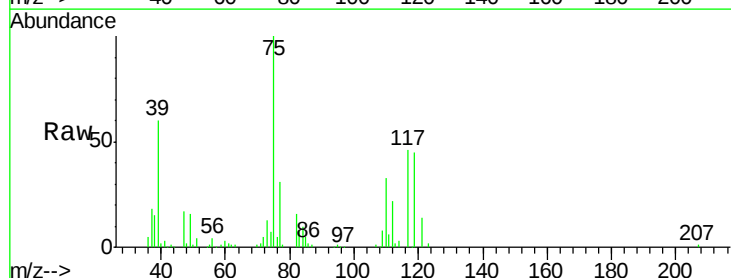
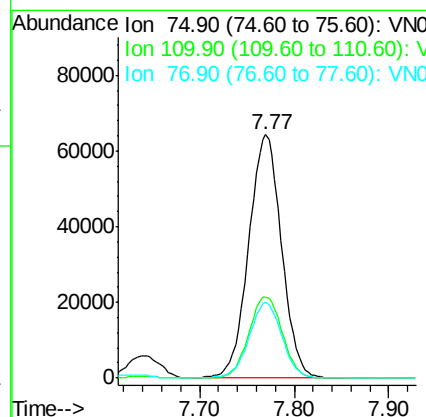
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#36
 1,1-Dichloropropene
 Concen: 49.536 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.0	16.9	50.6	
77	31.0	24.6	36.8	





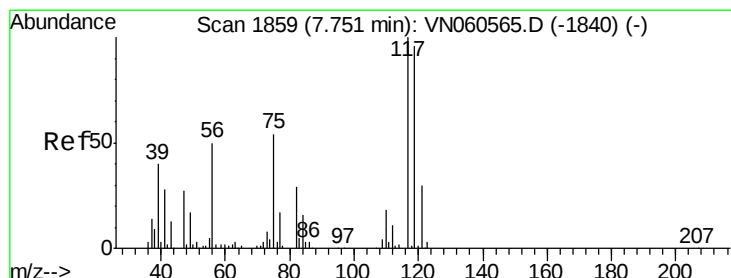
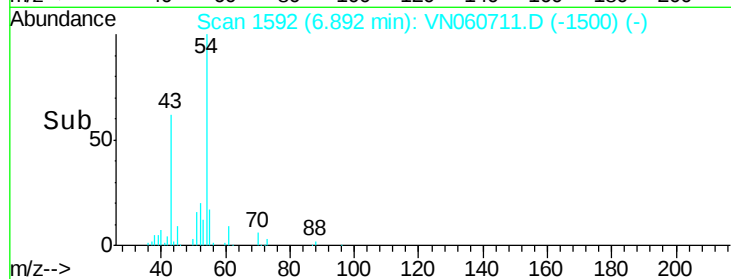
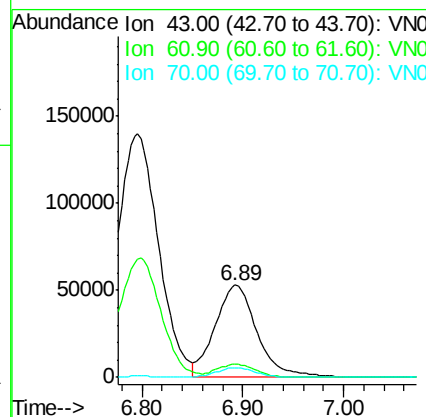
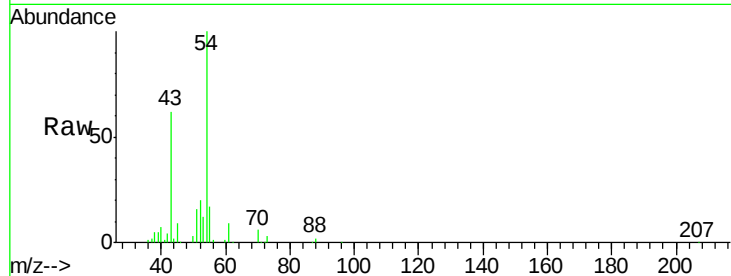
#37
Ethyl Acetate
Concen: 44.686 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	15.8
70	9.9	7.9	11.9

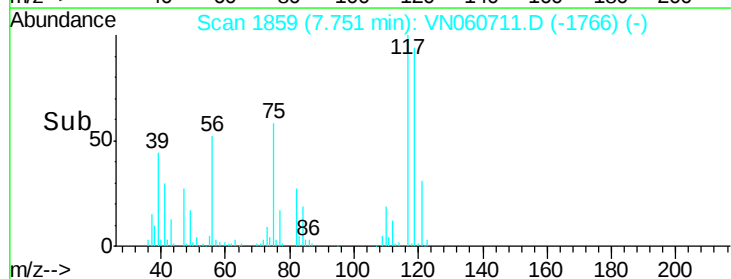
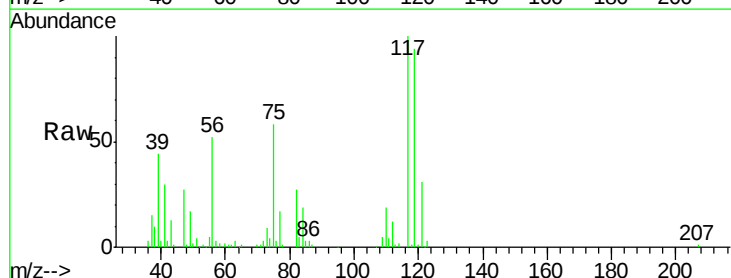
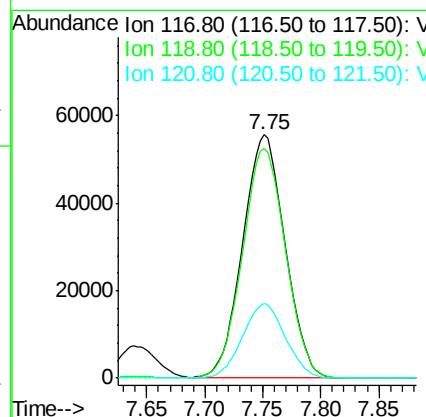
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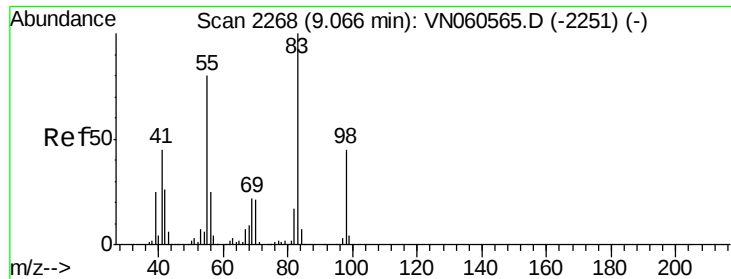
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#38
Carbon Tetrachloride
Concen: 50.697 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.2	114.2
121	30.6	23.7	35.5





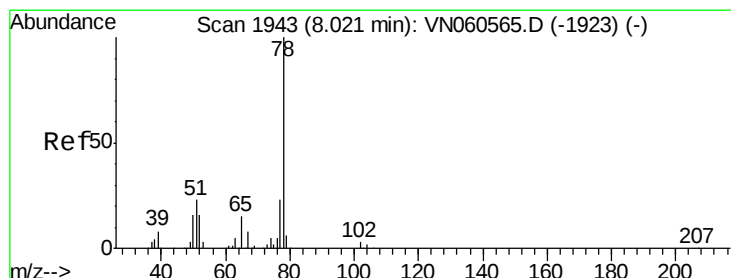
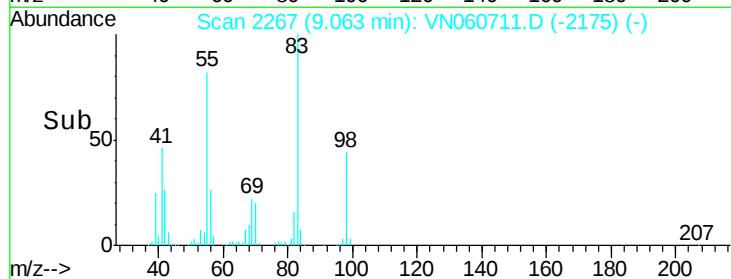
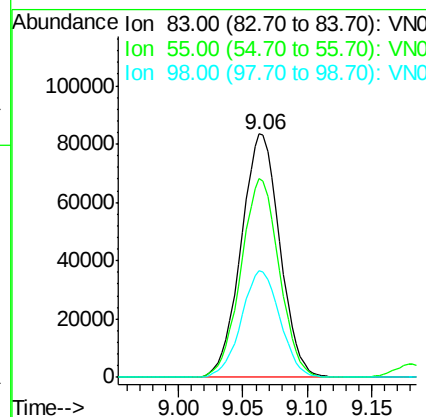
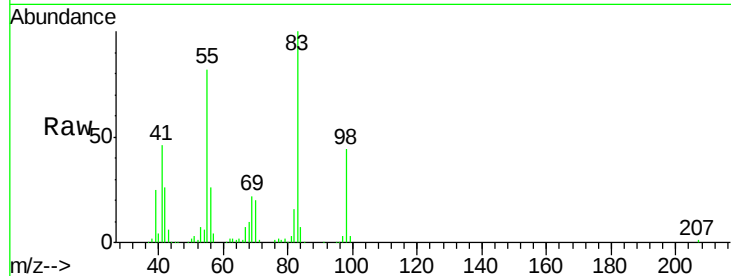
#39
Methvlcvclohexane
Concen: 47.043 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	174518		
55	81.6	63.6	95.4	
98	43.6	36.0	54.0	

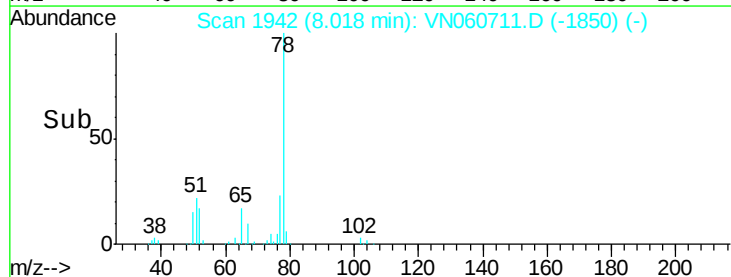
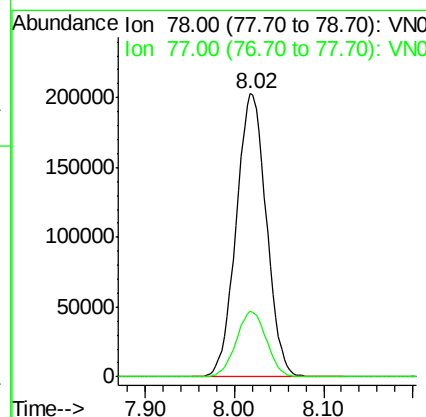
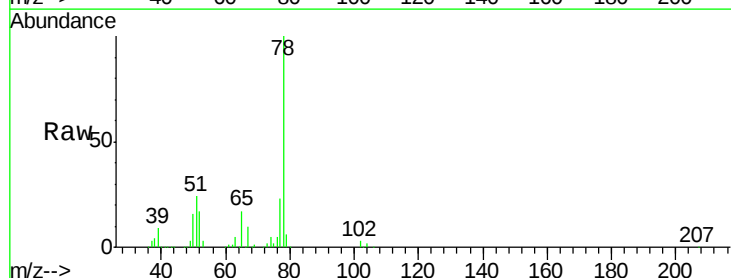
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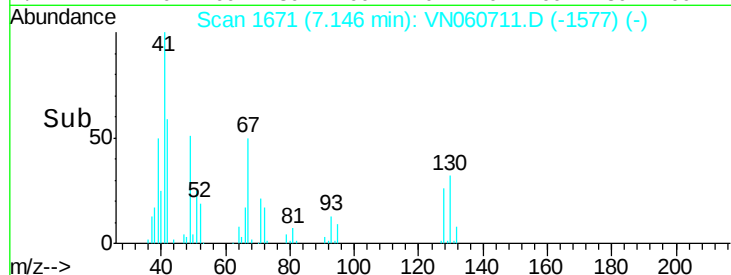
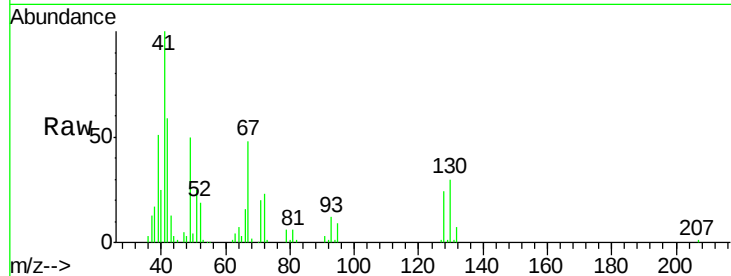
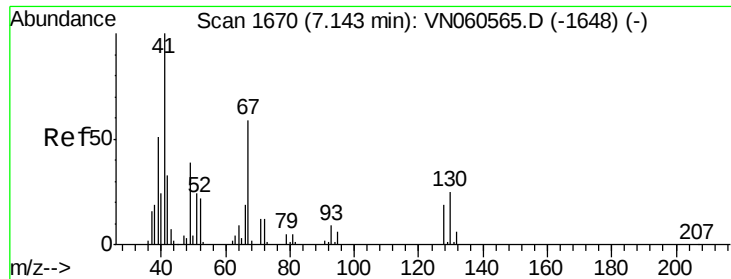
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#40
Benzene
Concen: 50.341 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	474396		
77	23.1	18.6	28.0	





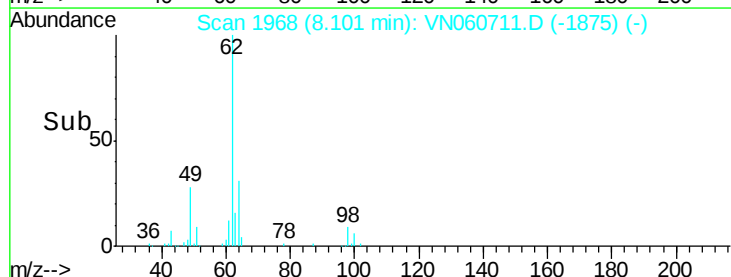
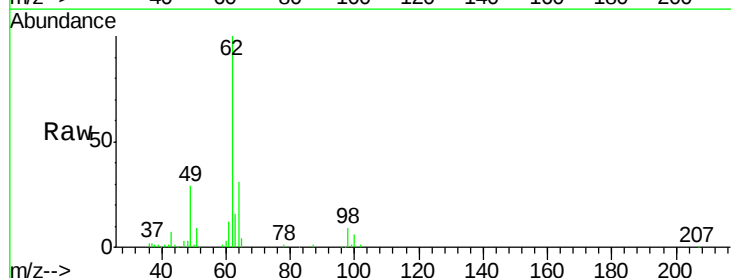
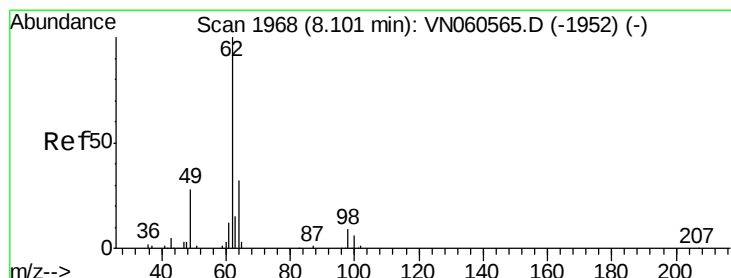
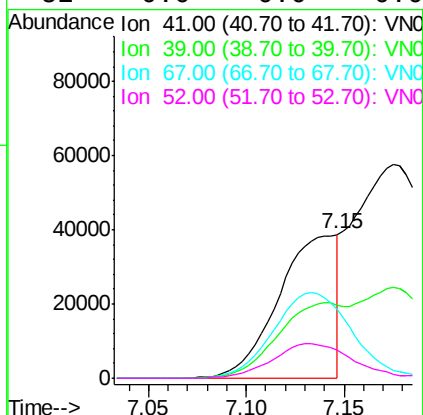
#41
Methacrylonitrile
Concen: 55.654 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tot Ion	41	Resp	80116
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

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

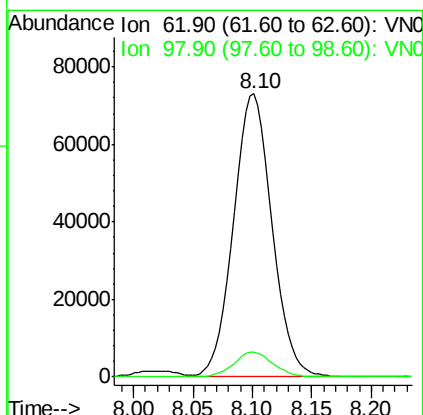
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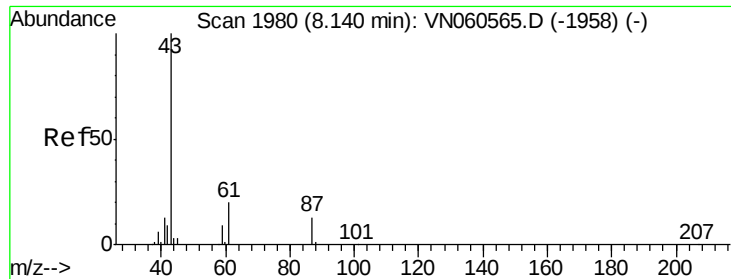
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#42
1,2-Dichloroethane
Concen: 50.707 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	62	Resp	163305
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 48.013 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

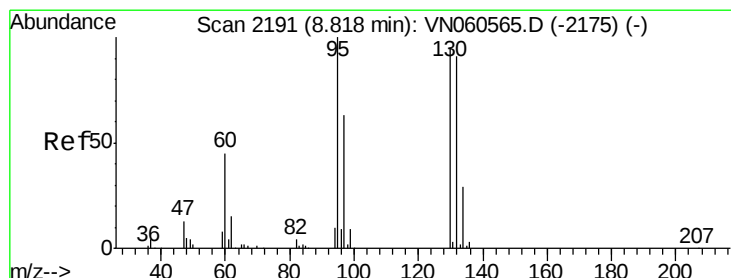
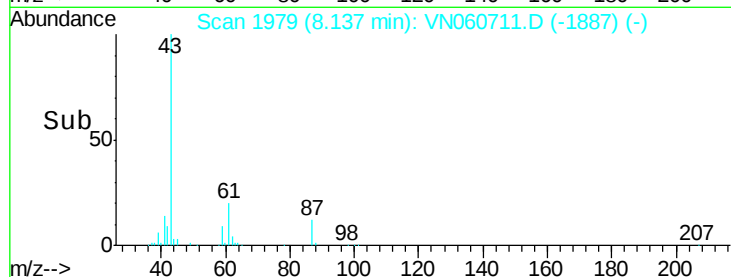
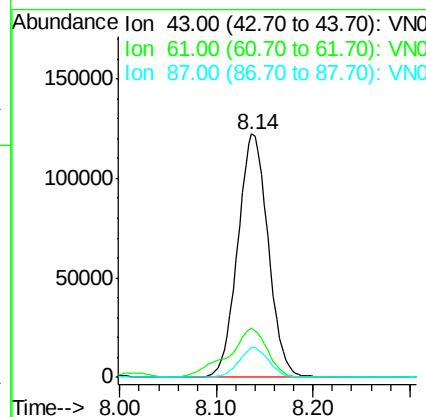
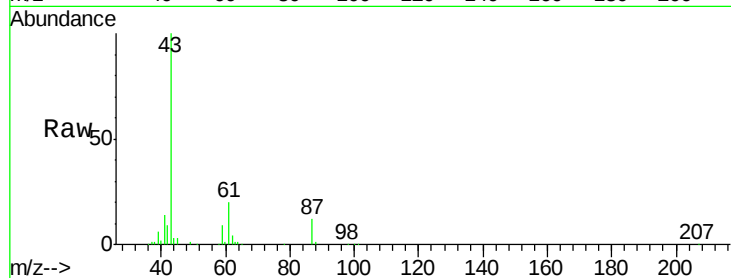
ClientSampleId :

MW203D-20200315MS

Tot Ion:	43	Resp:	267087
Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.7	31.1
87	12.0	9.8	14.8

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#44

Trichloroethene

Concen: 68.650 ug/l

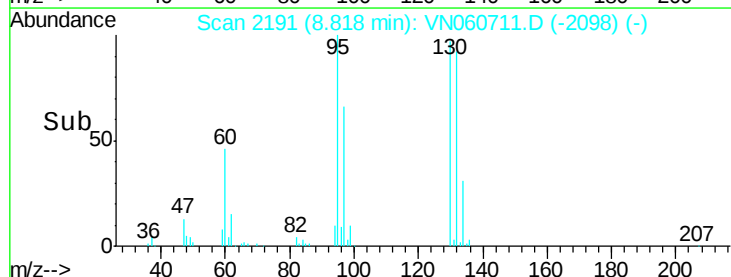
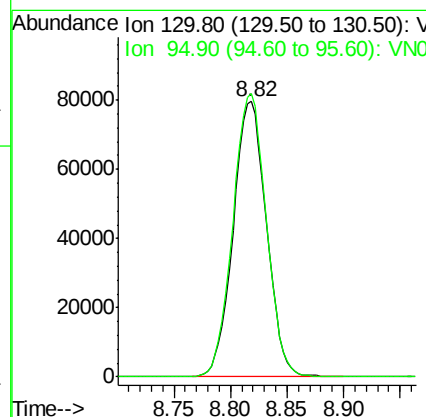
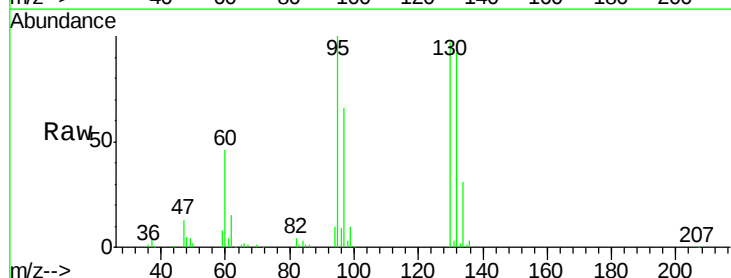
RT: 8.82 min Scan# 2191

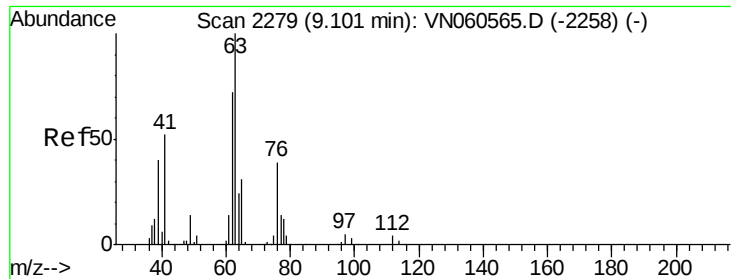
Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion:	130	Resp:	163085
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	211.2





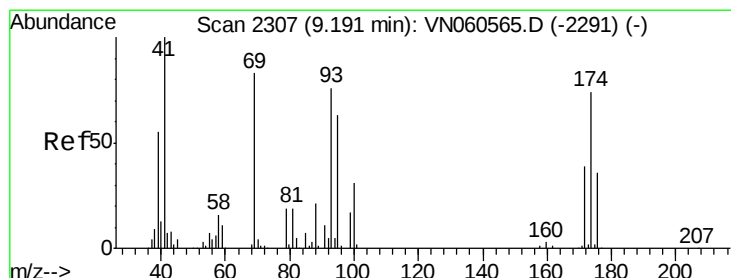
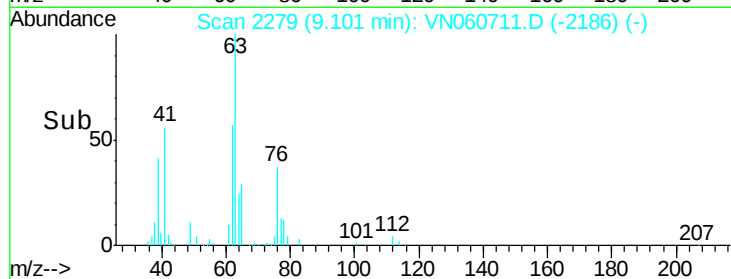
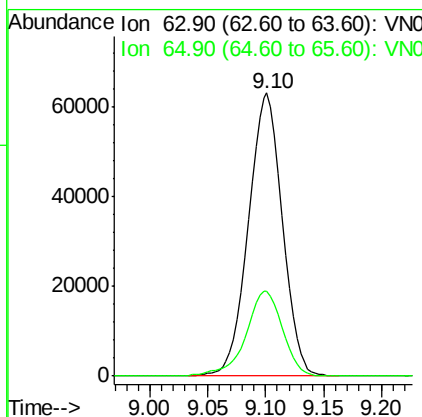
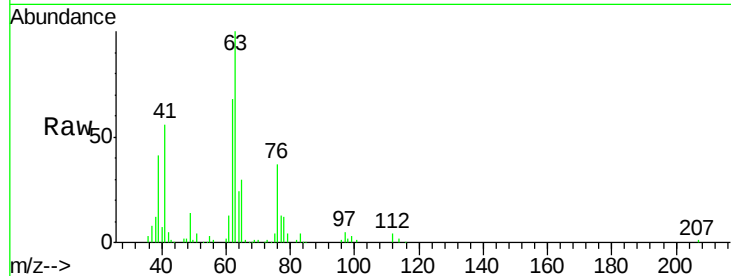
#45
 1,2-Dichloropropane
 Concen: 51.950 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion: 63 Resp: 129179
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.0

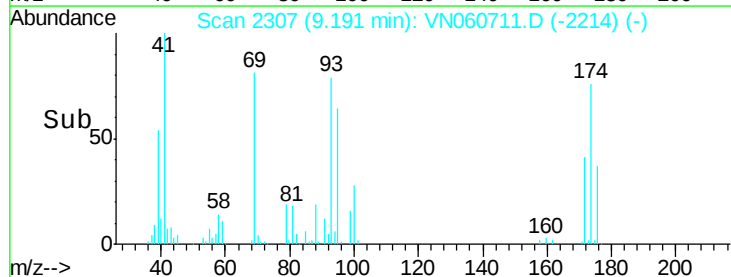
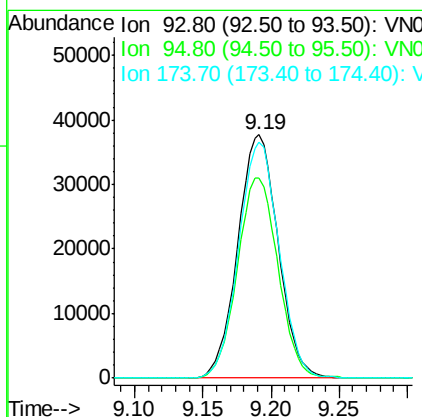
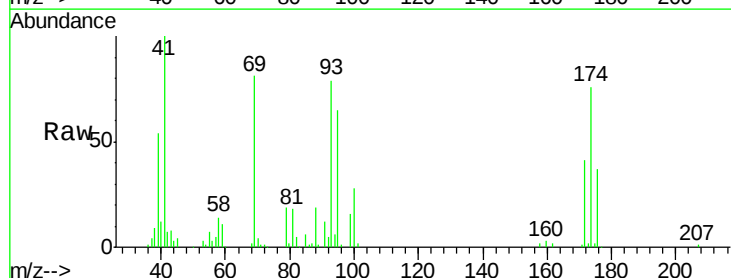
Manual Integrations
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#46
 Dibromomethane
 Concen: 51.442 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion: 93 Resp: 77333
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.4
 174 97.1 77.9 116.9





#47

Bromodichloromethane

Concen: 51.491 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

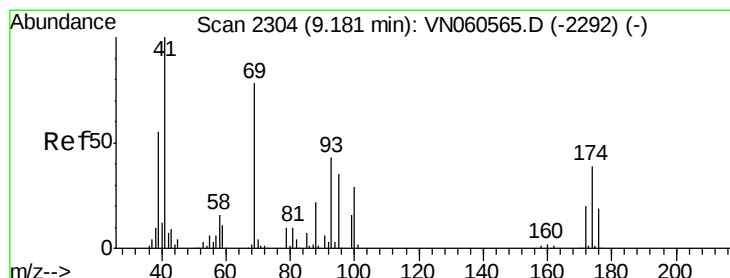
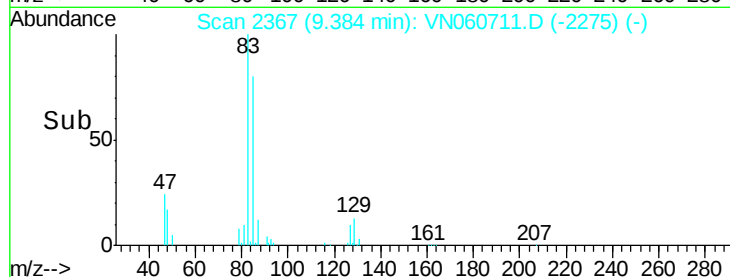
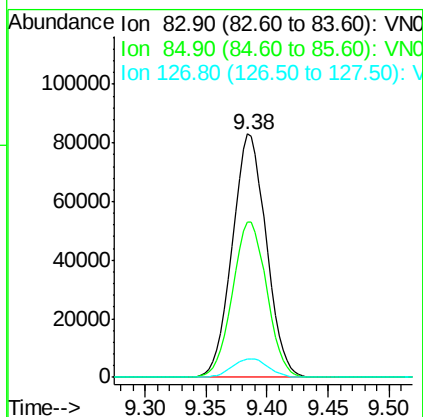
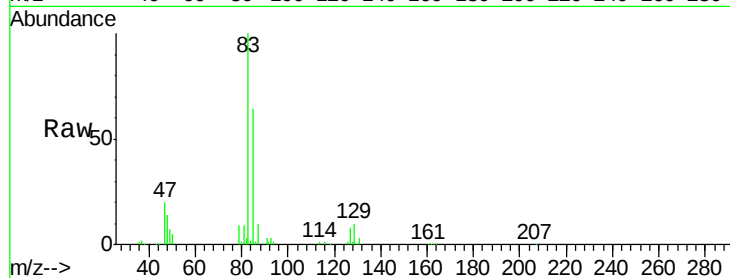
ClientSampleId :

MW203D-20200315MS

Tot Ion:	83	Resp:	160849
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.8	77.6
127	7.6	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.021 ug/l

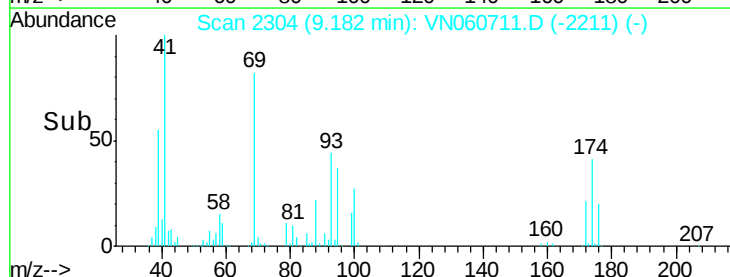
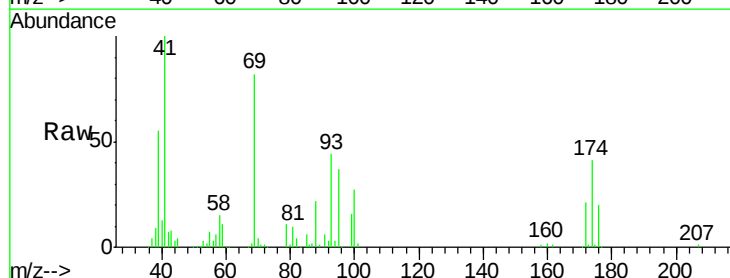
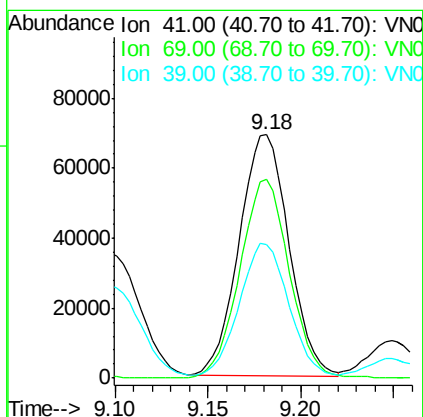
RT: 9.18 min Scan# 2304

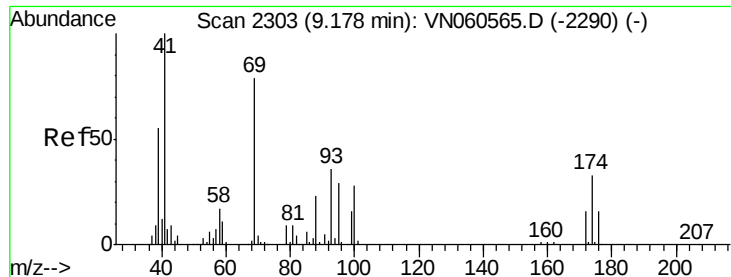
Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion:	41	Resp:	128843
Ion Ratio	Lower	Upper	
41	100		
69	82.3	65.4	98.0
39	56.5	44.0	66.0





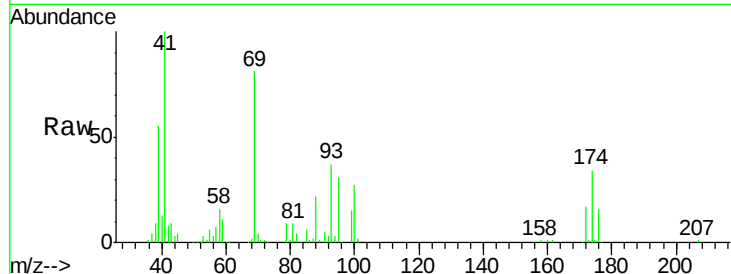
#49
1,4-Dioxane
Concen: 1034.280 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	30.8	46.2
58	73.8	59.8	89.8

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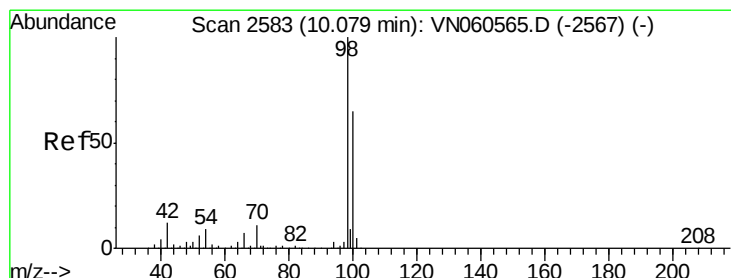
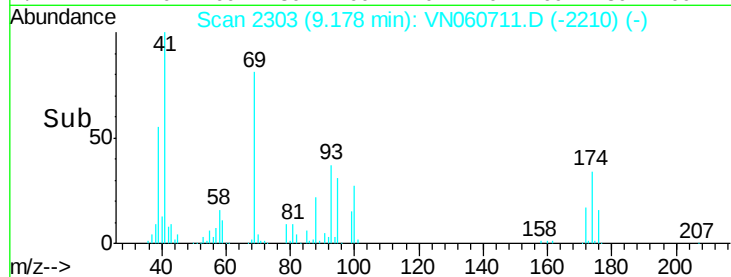
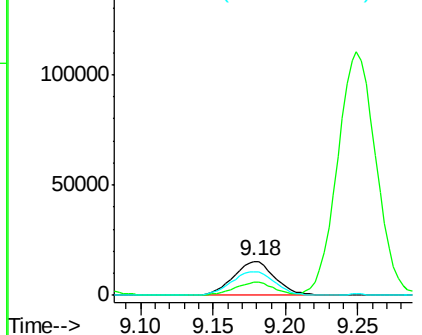
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Abundance Ion 88.00 (87.70 to 88.70): VN060711.D (-2210) (-)

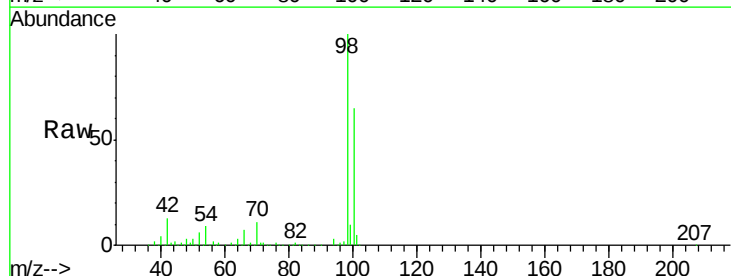
Ion 43.00 (42.70 to 43.70): VN060711.D (-2210) (-)

Ion 58.00 (57.70 to 58.70): VN060711.D (-2210) (-)



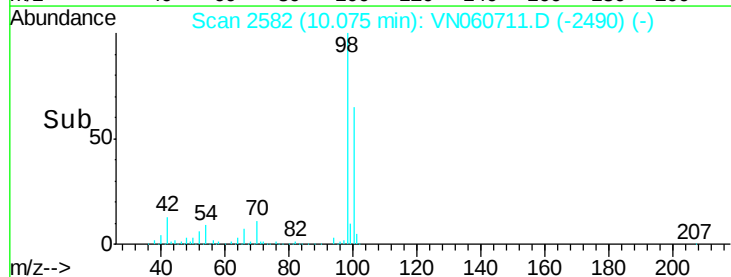
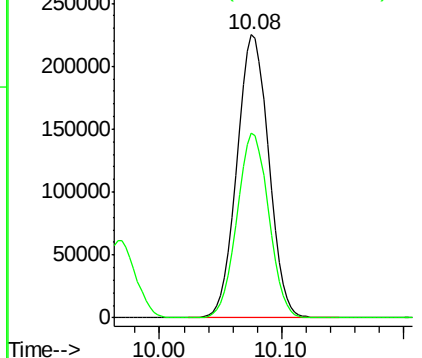
#50
Toluene-d8
Concen: 50.918 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060711.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060711.D (-2490) (-)





#51

4-Methyl-2-Pentanone

Concen: 267.359 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MS

Tot Ion: 43 Resp: 846322

Ion Ratio Lower Upper

43 100

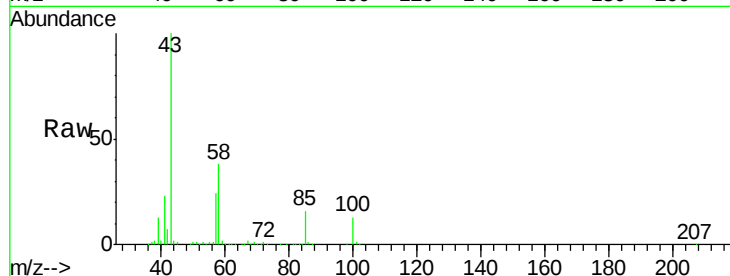
58 37.9 30.8 46.2

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Abundance Ion 43.00 (42.70 to 43.70): VN060711.D (-2549) (-)

Ion 58.00 (57.70 to 58.70): VN060711.D (-2549) (-)

9.97

500000

400000

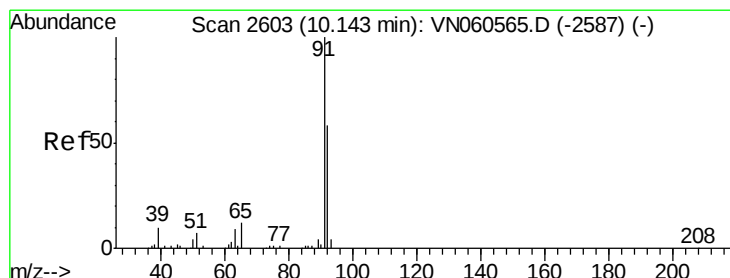
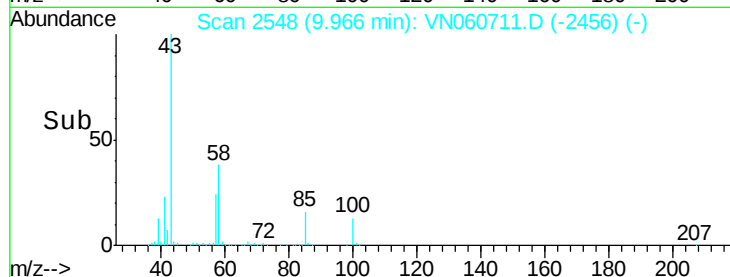
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.579 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060711.D

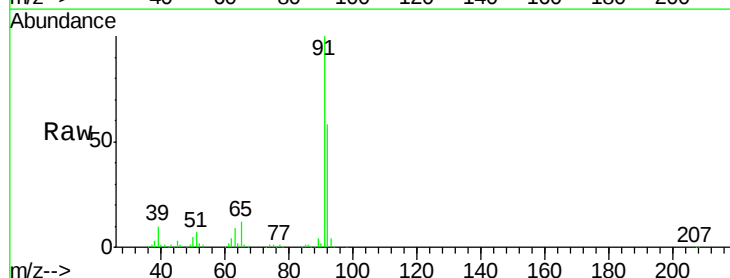
Acq: 26 Mar 2020 13:55

Tgt Ion: 92 Resp: 287859

Ion Ratio Lower Upper

92 100

91 173.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060711.D (-2603) (-)

Ion 91.00 (90.70 to 91.70): VN060711.D (-2603) (-)

10.14

300000

250000

200000

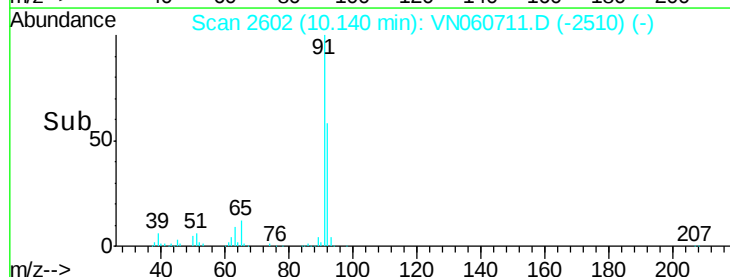
150000

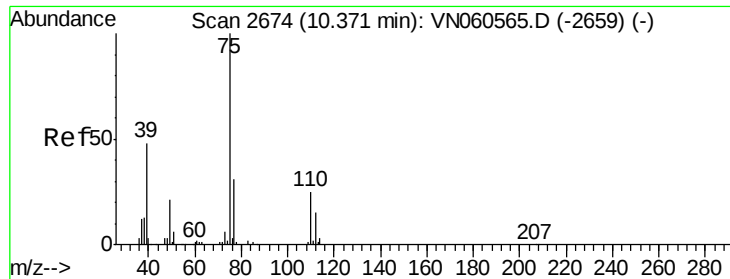
100000

50000

0

Time-->





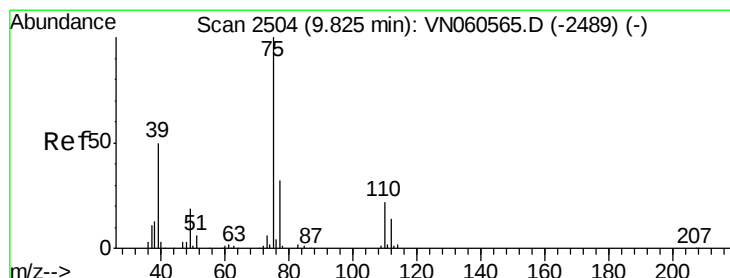
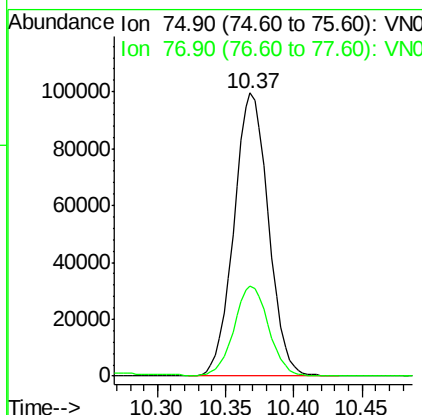
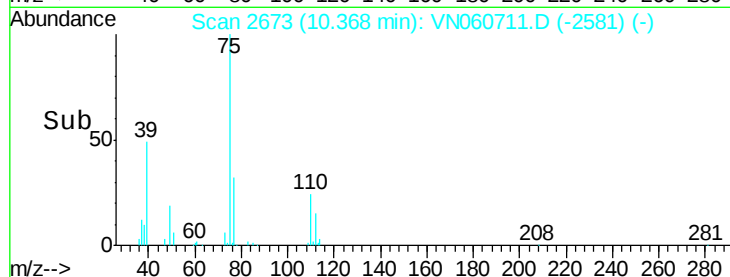
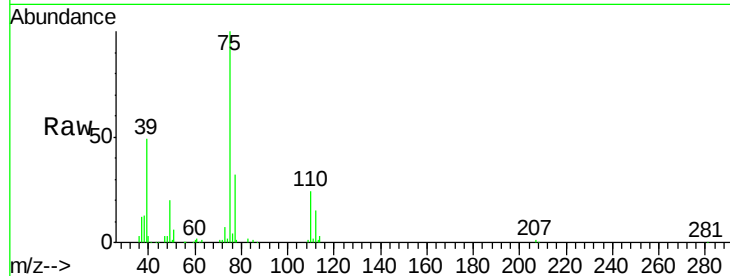
#53
t-1,3-Dichloropropene
Concen: 48.623 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion: 75 Resp: 174474
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7

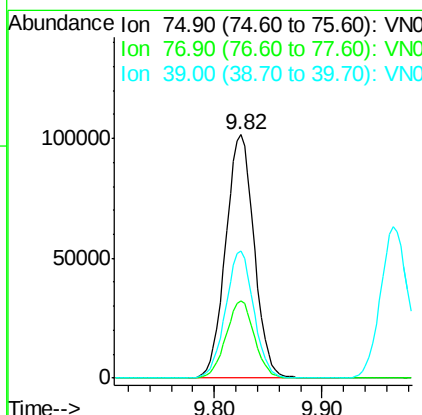
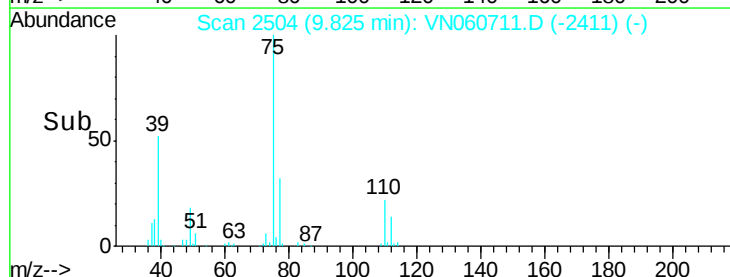
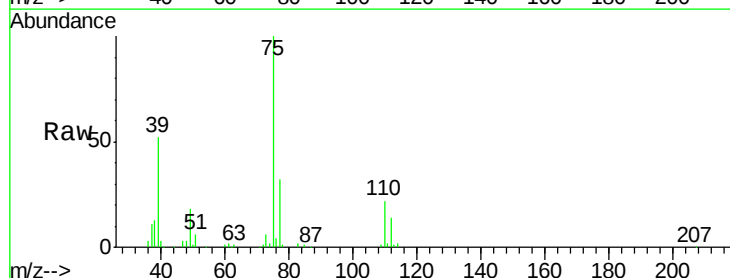
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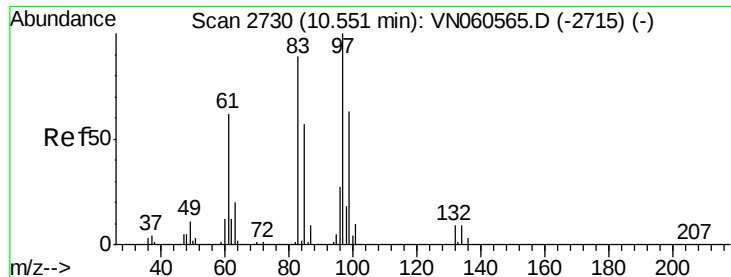
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#54
cis-1,3-Dichloropropene
Concen: 47.262 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion: 75 Resp: 186049
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 52.1 40.2 60.4





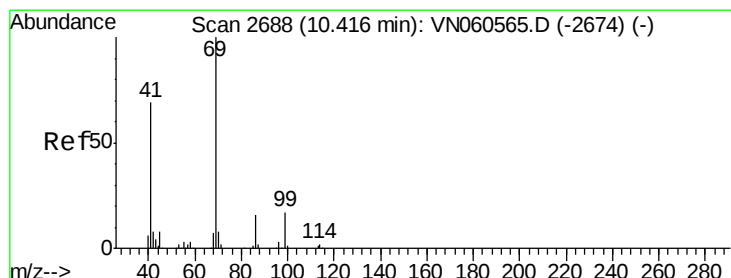
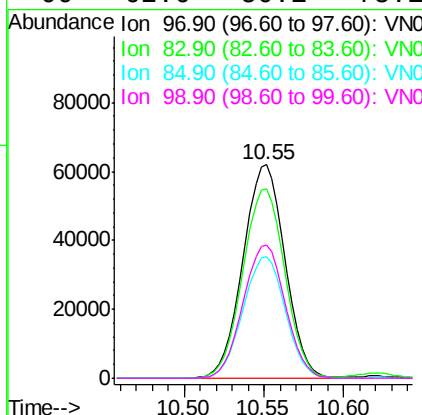
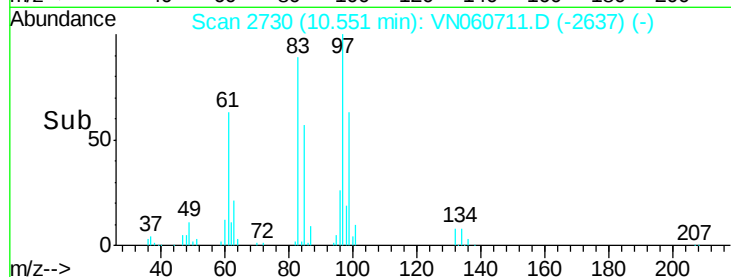
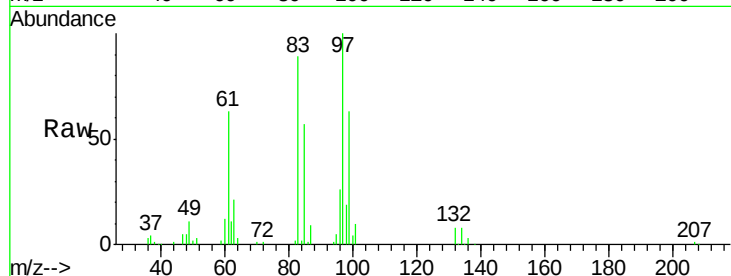
#55
 1,1,2-Trichloroethane
 Concen: 50.805 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.6	71.3	106.9
85	57.2	45.2	67.8
99	62.6	50.1	75.1

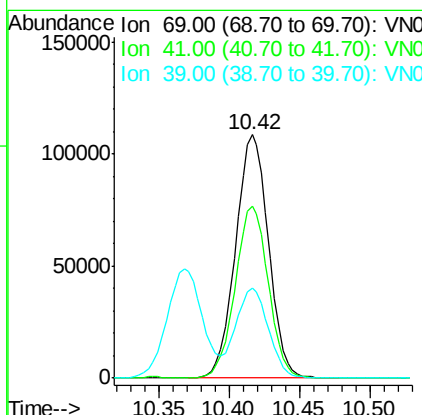
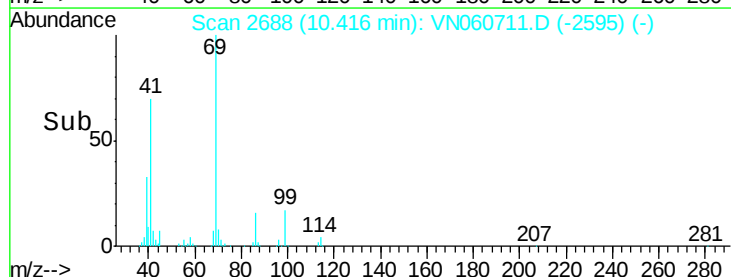
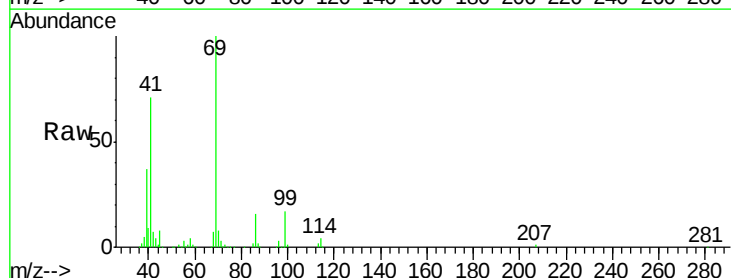
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#56
 Ethyl methacrylate
 Concen: 52.117 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.3	55.4	83.2
39	36.7	29.4	44.0





#57

1,3-Dichloropropane

Concen: 51.027 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MS

Tot Ion: 76 Resp: 193873

Ion Ratio Lower Upper

76 100

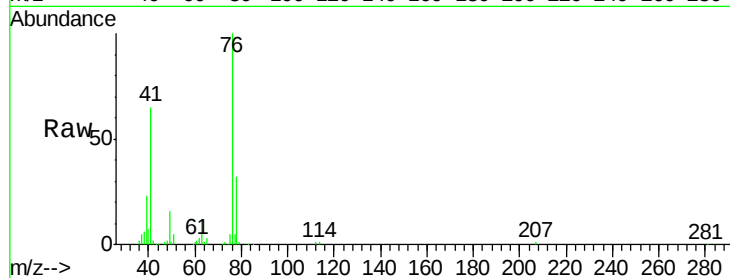
78 32.6 25.8 38.6

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

120000

100000

80000

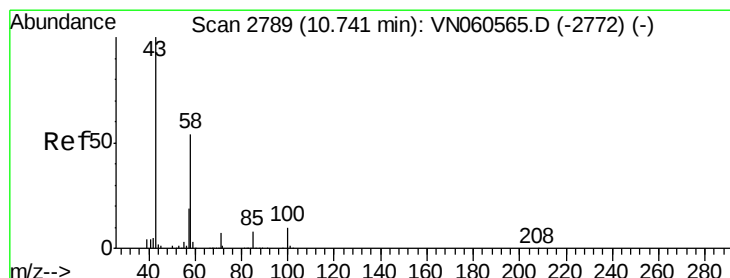
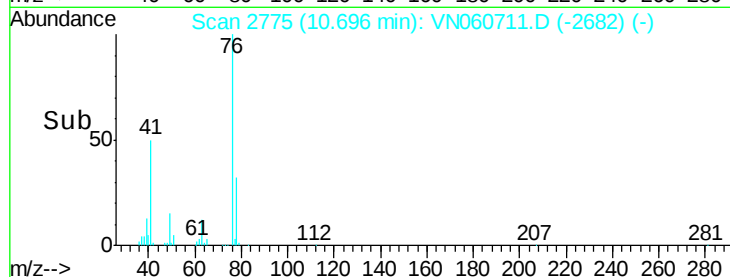
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#59

2-Hexanone

Concen: 271.121 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. -0.00 min

Lab File: VN060711.D

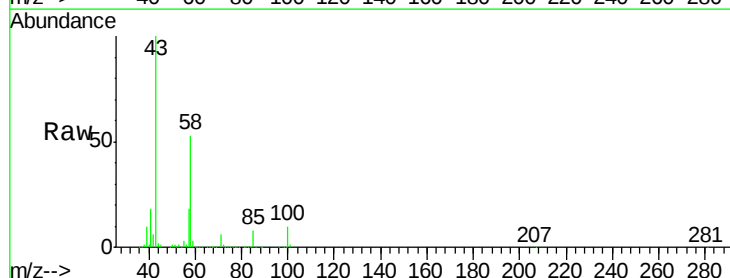
Acq: 26 Mar 2020 13:55

Tgt Ion: 43 Resp: 618230

Ion Ratio Lower Upper

43 100

58 53.3 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.74

400000

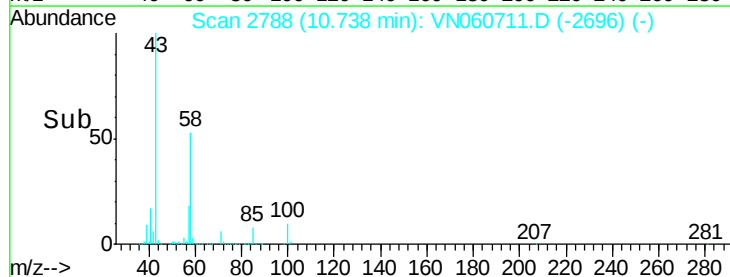
300000

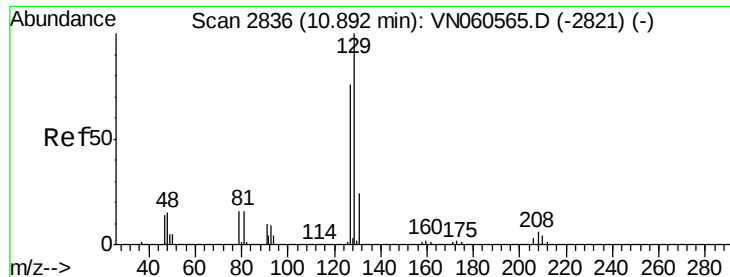
200000

100000

0

Time--> 10.70 10.80





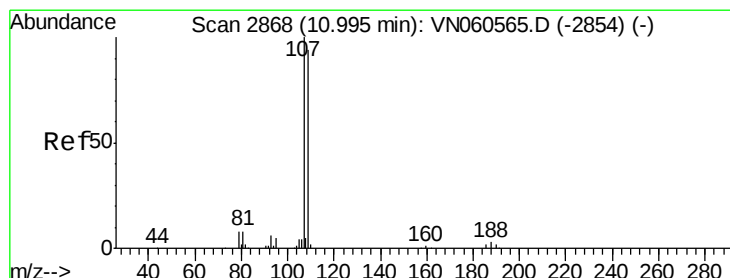
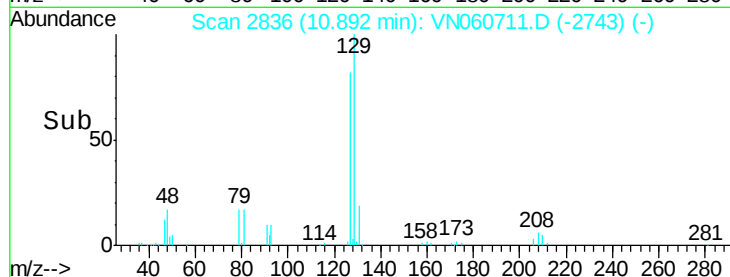
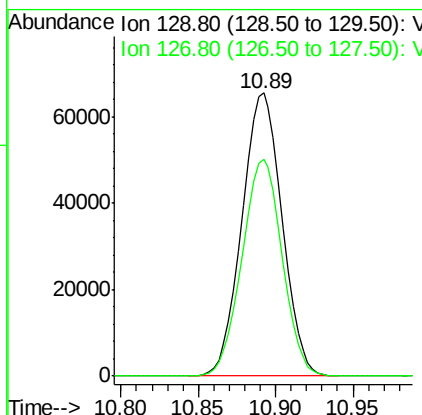
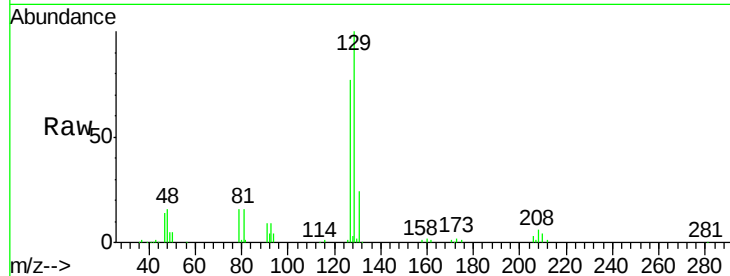
#60
 Dibromochloromethane
 Concen: 52.381 ug/l
 RT: 10.89 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		118467		
127	76.4	38.5	115.5		

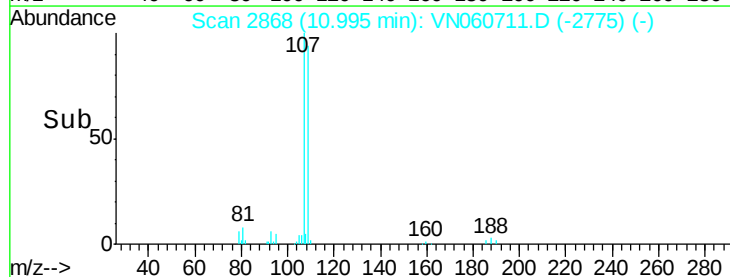
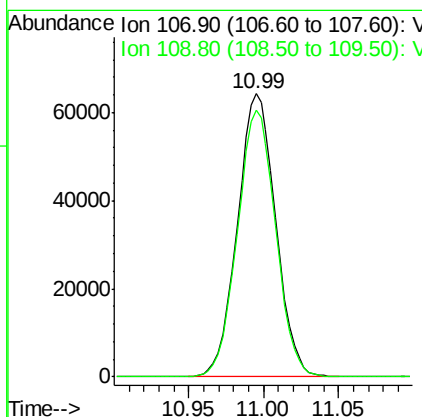
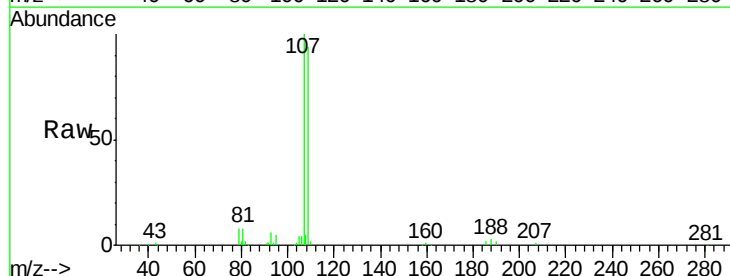
Manual Integrations
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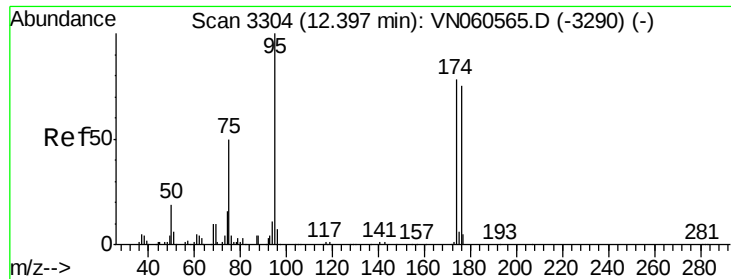
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#61
 1,2-Dibromoethane
 Concen: 51.732 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		113897		
109	94.5	75.4	113.2		





#62

4-Bromofluorobenzene

Concen: 50.575 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

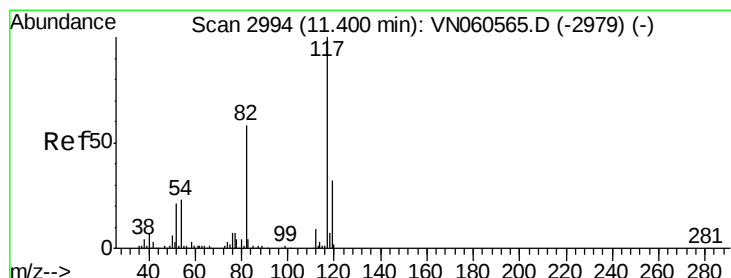
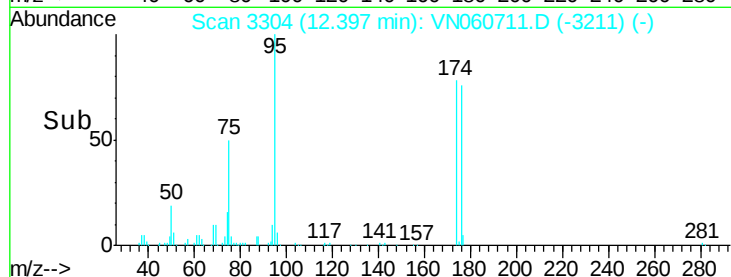
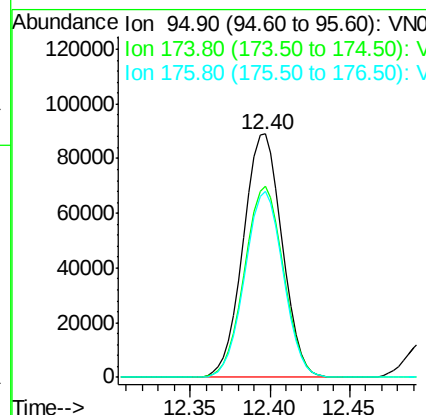
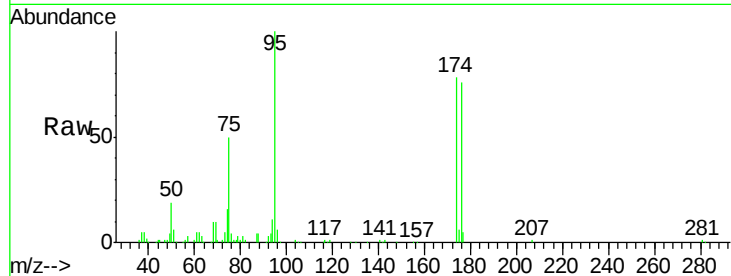
ClientSampleId :

MW203D-20200315MS

Tot Ion:	95	Resp:	147582
Ion Ratio	Lower	Upper	
95	100		
174	78.3	0.0	157.6
176	75.4	0.0	150.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

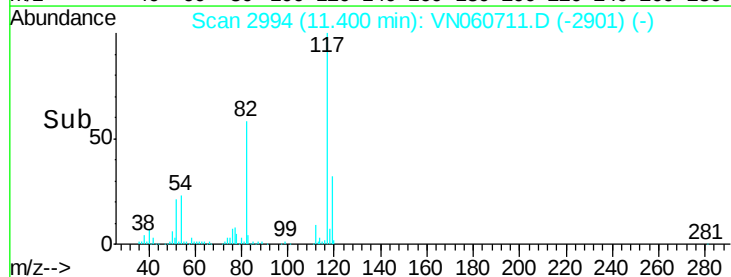
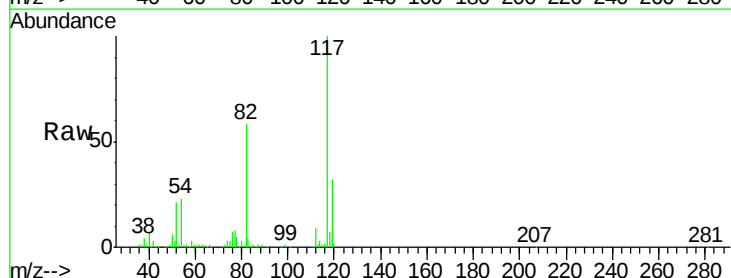
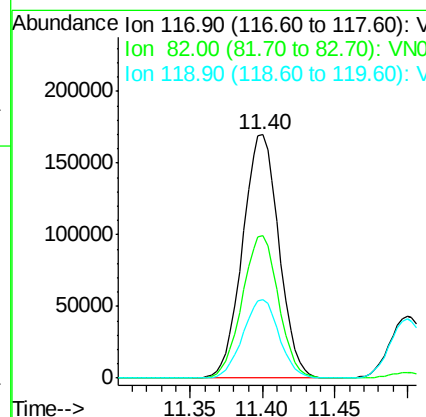
RT: 11.40 min Scan# 2994

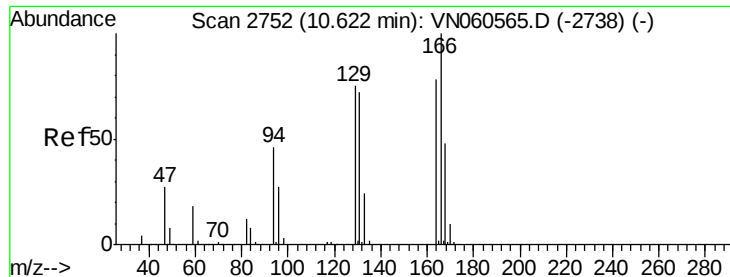
Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion:	117	Resp:	296183
Ion Ratio	Lower	Upper	
117	100		
82	58.4	46.7	70.1
119	32.4	25.5	38.3





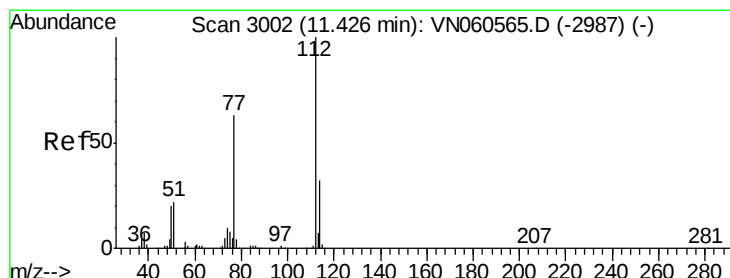
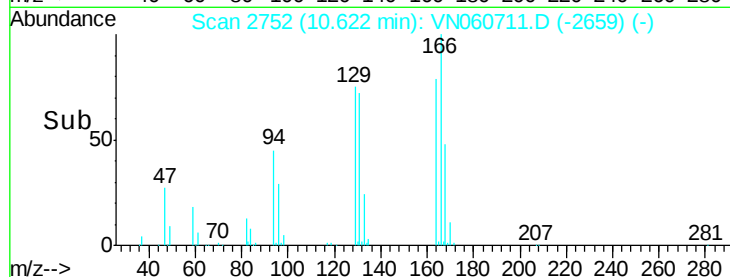
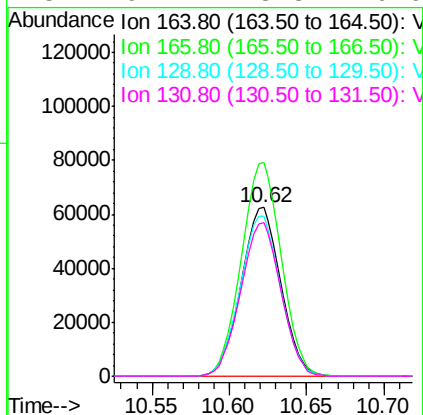
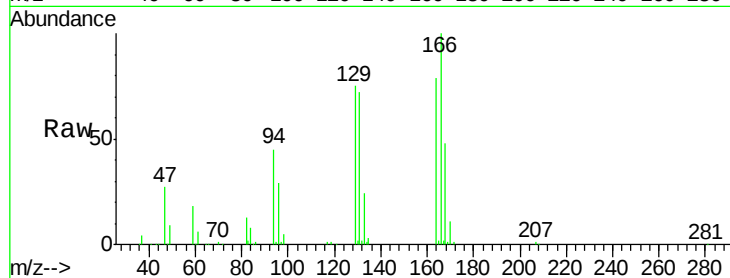
#64
Tetrachloroethene
Concen: 47.921 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.7	154.1
129	94.6	77.2	115.8
131	91.2	73.8	110.6

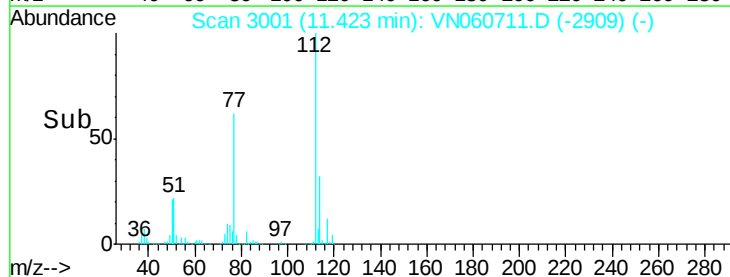
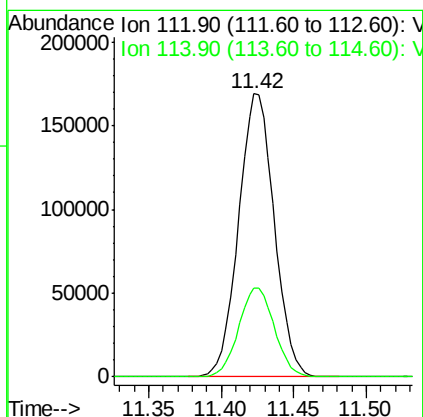
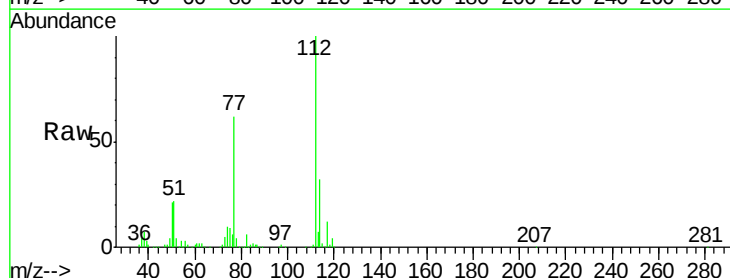
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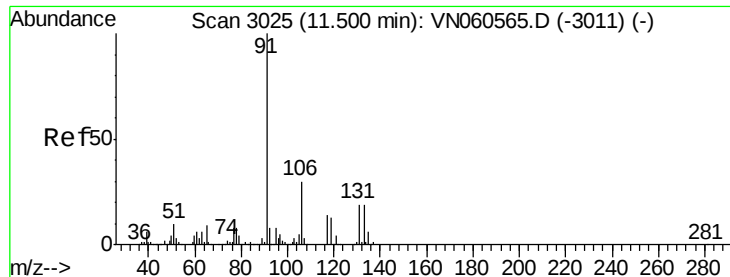
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#65
Chlorobenzene
Concen: 49.147 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.8	38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 50.854 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

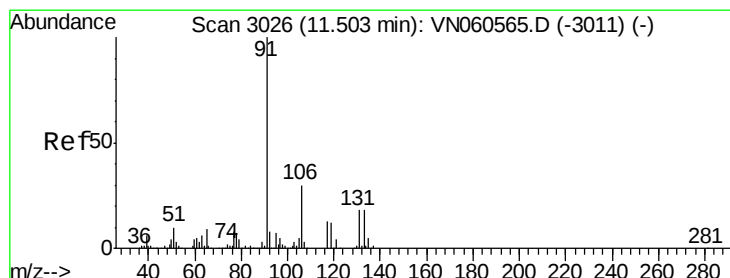
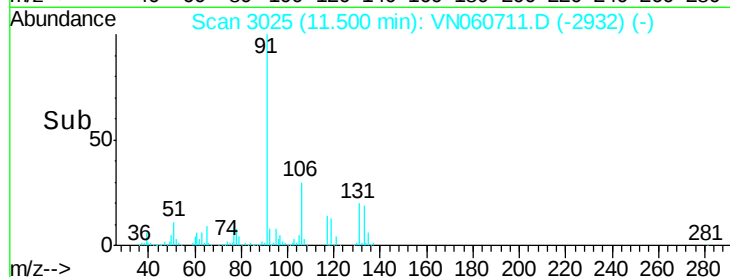
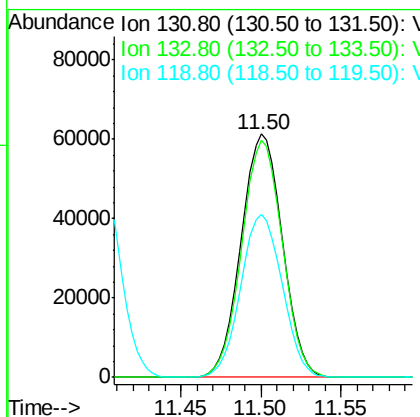
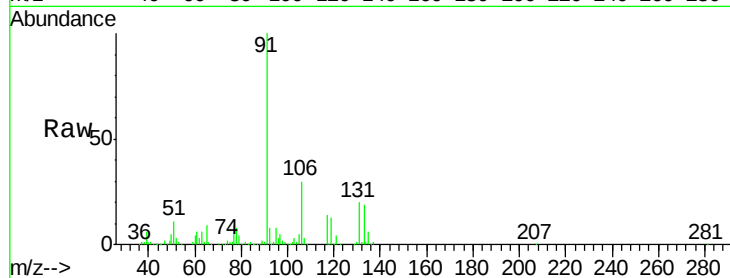
ClientSampleId :

MW203D-20200315MS

Tot Ion:	131	Resp:	108109
Ion Ratio	Lower	Upper	
131	100		
133	95.8	48.9	146.8
119	66.9	33.9	101.7

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#67

Ethyl Benzene

Concen: 49.788 ug/l

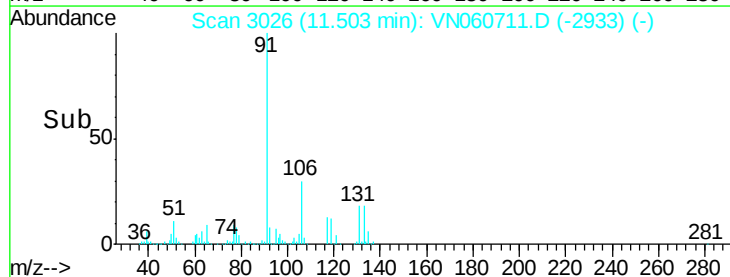
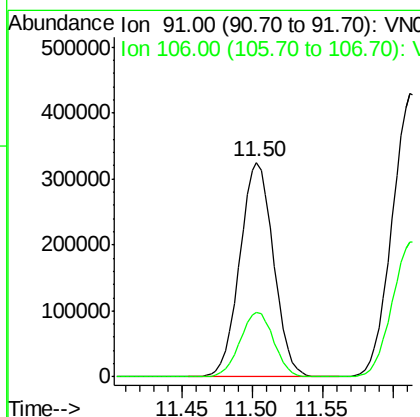
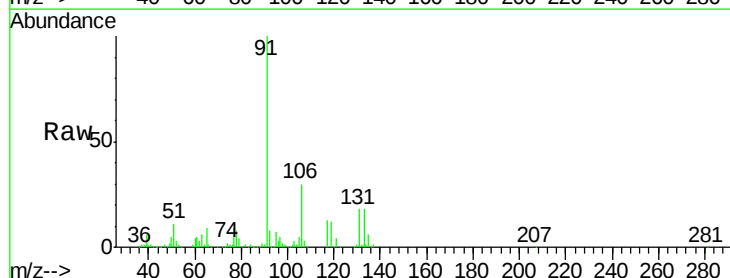
RT: 11.50 min Scan# 3026

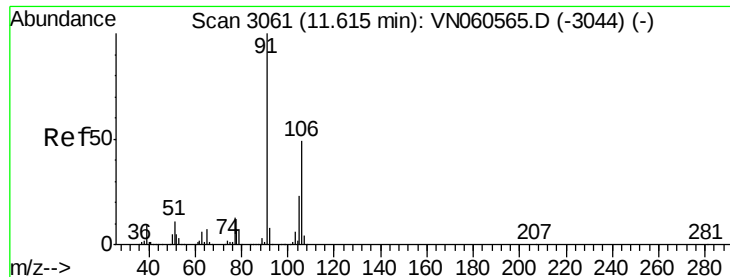
Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion:	91	Resp:	543635
Ion Ratio	Lower	Upper	
91	100		
106	30.3	24.2	36.2





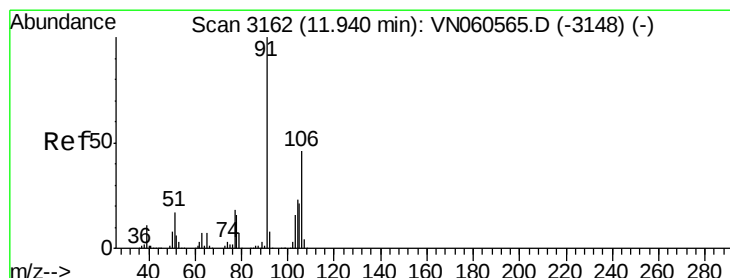
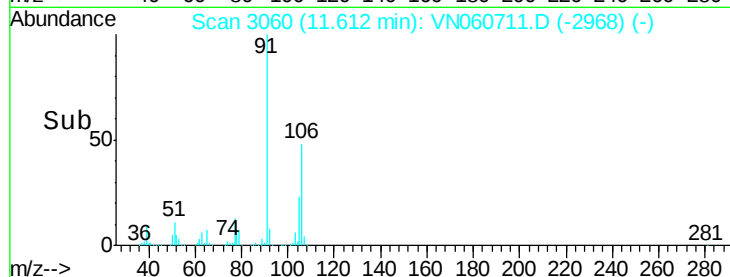
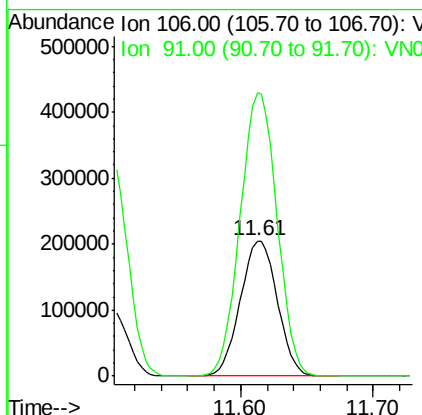
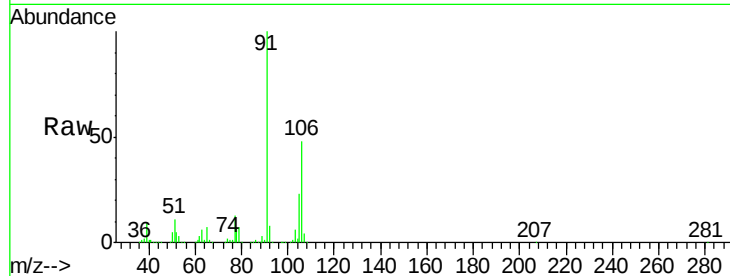
#68
m/p-Xylenes
Concen: 97.867 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion:106 Resp: 397100
Ion Ratio Lower Upper
106 100
91 208.4 165.0 247.4

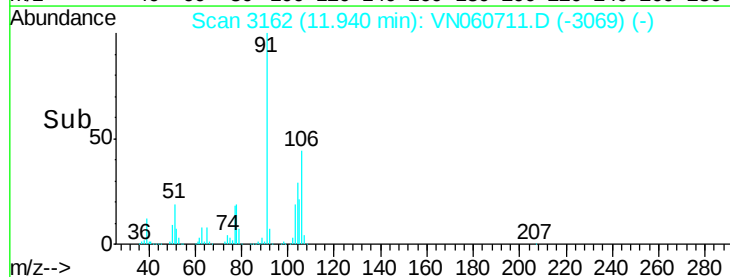
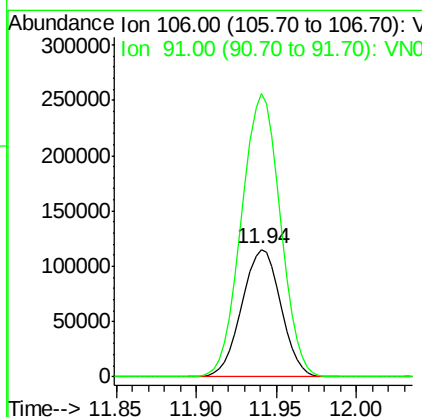
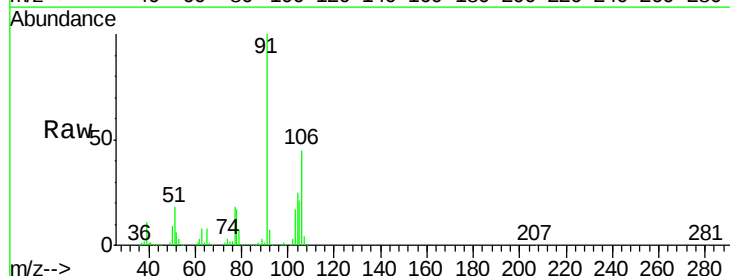
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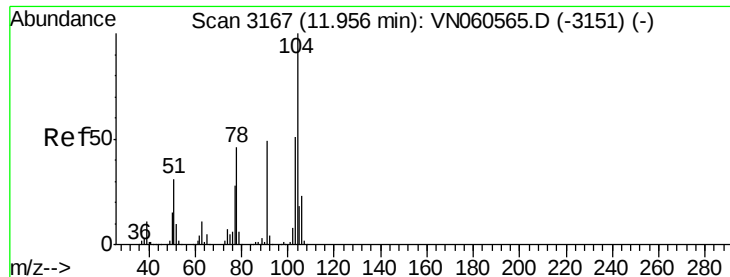
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#69
o-Xylene
Concen: 49.498 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion:106 Resp: 191728
Ion Ratio Lower Upper
106 100
91 221.5 109.5 328.4





#70

Stvrene

Concen: 50.177 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

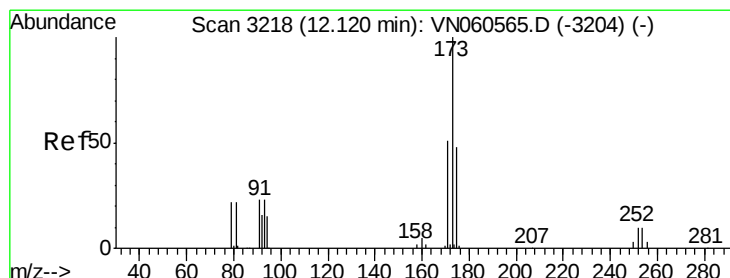
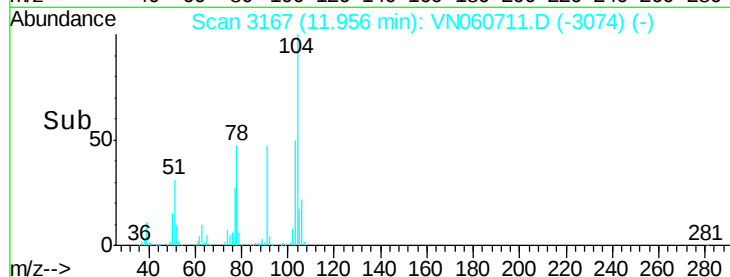
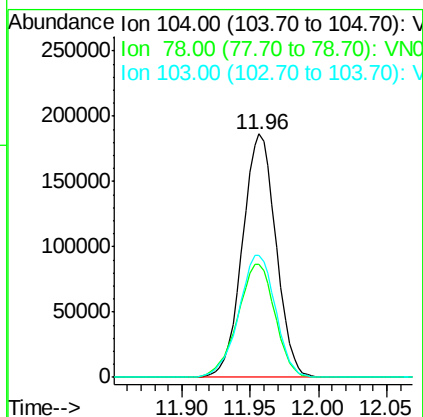
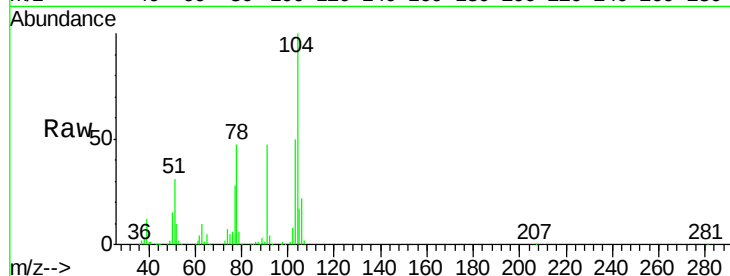
ClientSampleId :

MW203D-20200315MS

Tot Ion:	104	Resp:	317869
Ion Ratio	Lower	Upper	
104	100		
78	51.7	41.2	61.8
103	55.1	44.0	66.0

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#71

Bromoform

Concen: 48.581 ug/l

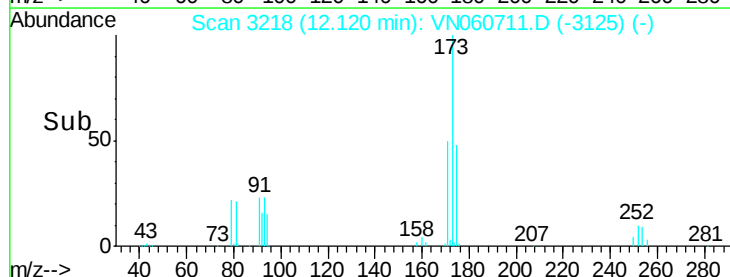
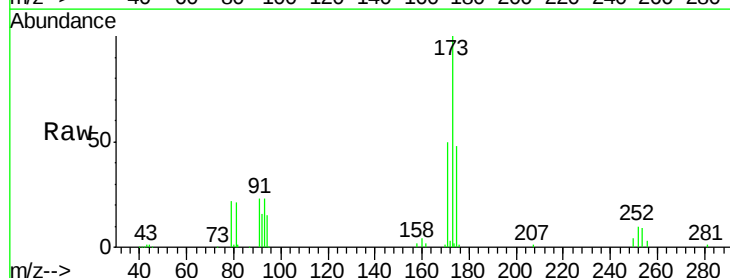
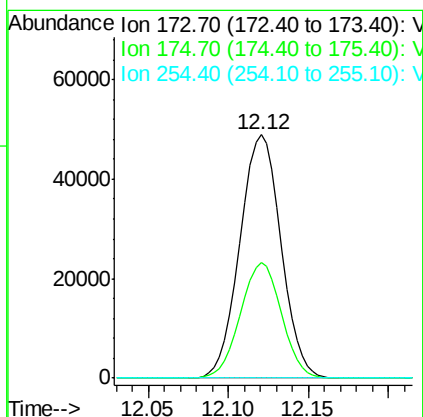
RT: 12.12 min Scan# 3218

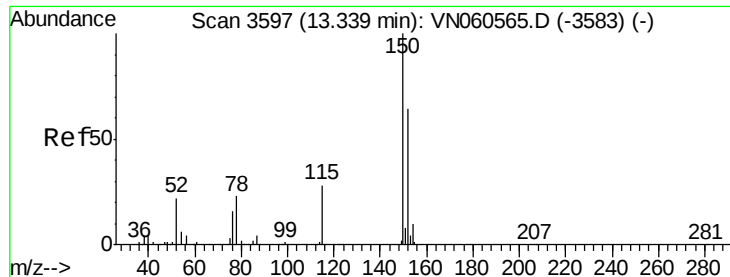
Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion:	173	Resp:	85750
Ion Ratio	Lower	Upper	
173	100		
175	47.2	24.1	72.4
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

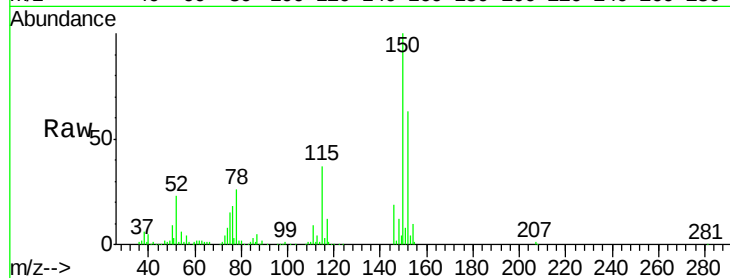
ClientSampleId :

MW203D-20200315MS

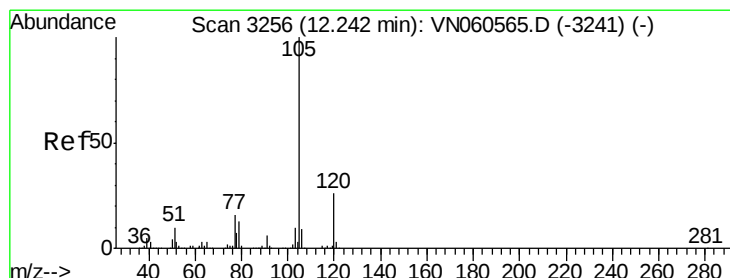
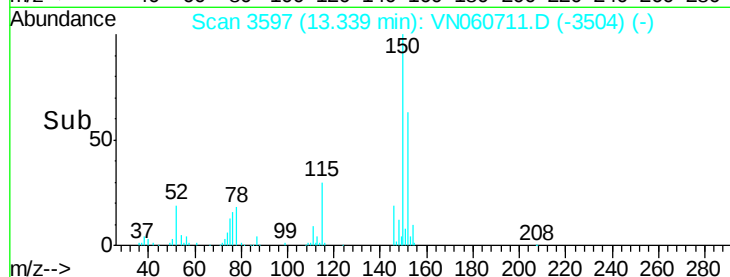
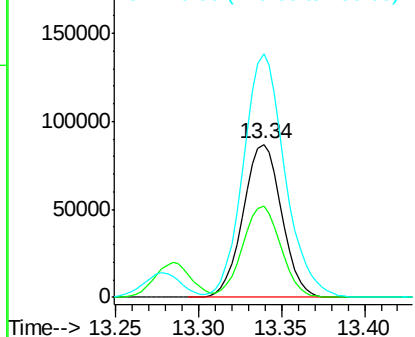
Tot Ion:	152	Resp:	140761
Ion Ratio	Lower	Upper	
152	100		
115	59.3	30.2	90.6
150	171.5	0.0	350.2

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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: 48.546 ug/l

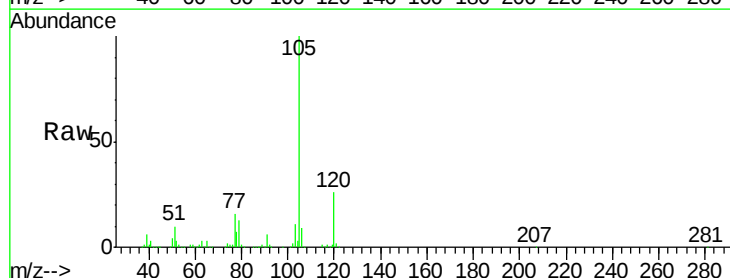
RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

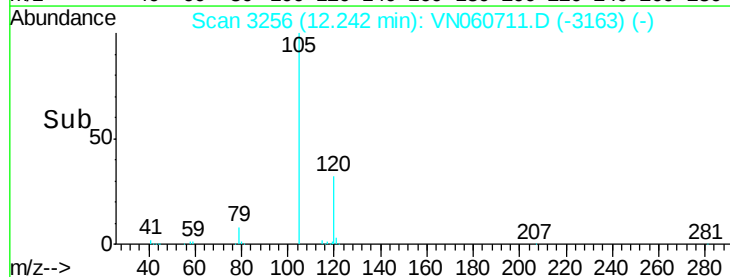
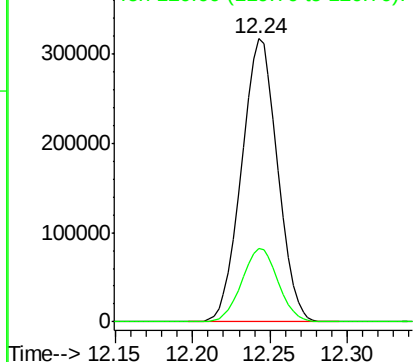
Lab File: VN060711.D

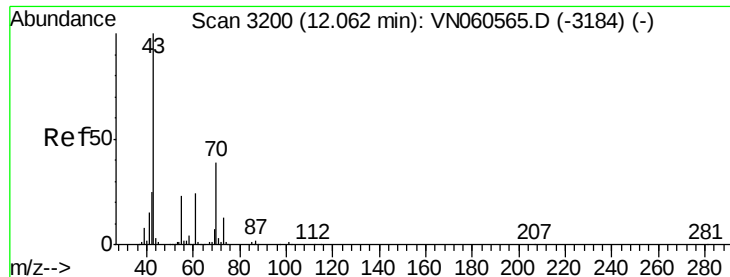
Acq: 26 Mar 2020 13:55

Tgt Ion:	105	Resp:	512822
Ion Ratio	Lower	Upper	
105	100		
120	26.2	13.1	39.1



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





#74

N-amvl acetate

Concen: 44.161 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

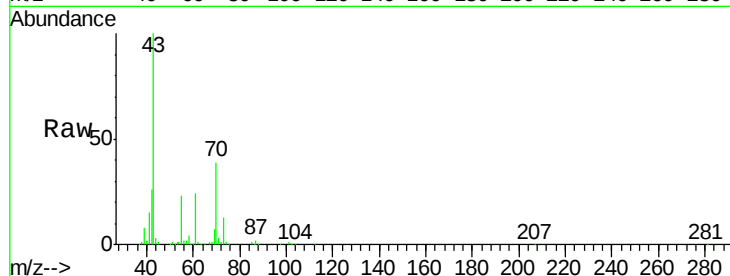
ClientSampleId :

MW203D-20200315MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		215565		
70	38.9	31.1	46.7		
55	23.7	18.6	27.8		
61	23.1	18.9	28.3		

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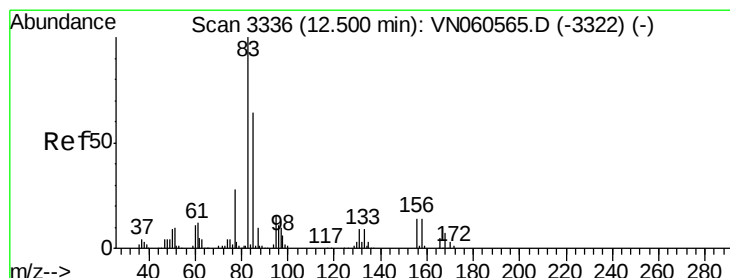
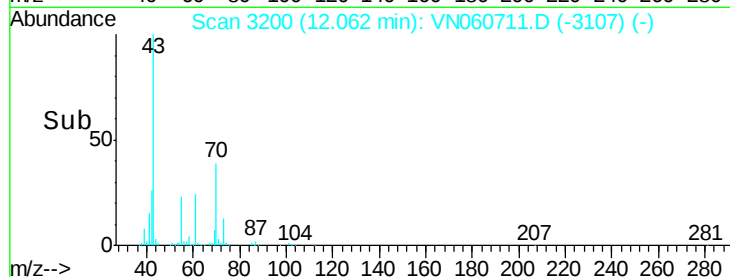
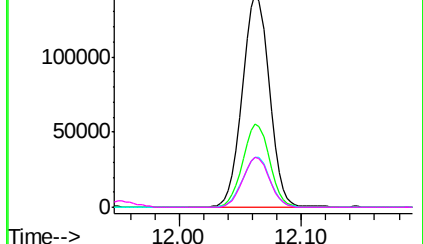


Abundance Ion 43.00 (42.70 to 43.70): VN060711.D (-3184) (-)

Ion 70.00 (69.70 to 70.70): VN060711.D (-3184) (-)

Ion 55.00 (54.70 to 55.70): VN060711.D (-3184) (-)

Ion 61.00 (60.70 to 61.70): VN060711.D (-3184) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: 50.860 ug/l

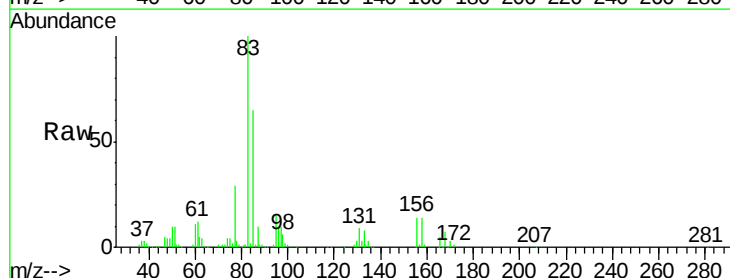
RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

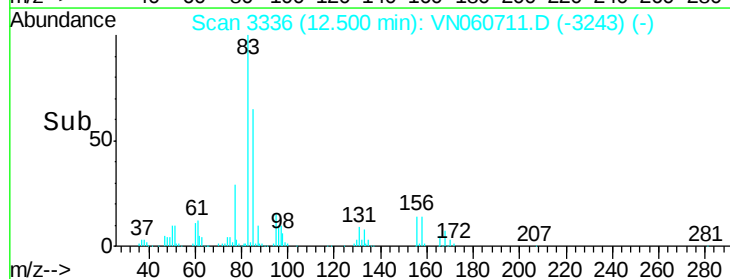
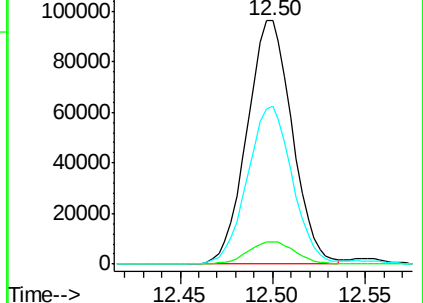
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		162474		
131	9.7	4.9	14.7		
85	64.2	32.5	97.4		

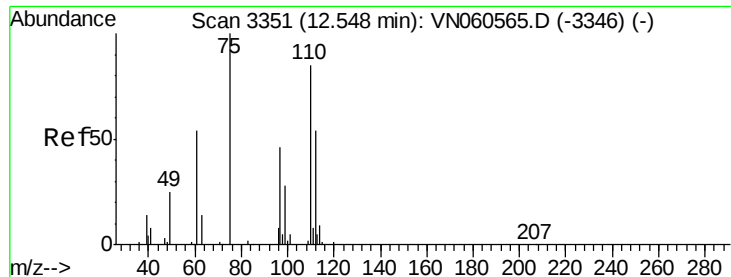


Abundance Ion 82.90 (82.60 to 83.60): VN060711.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060711.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060711.D (-3322) (-)





#76

1,2,3-Trichloropropane

Concen: 51.232 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MS

Tot Ion: 75 Resp: 155610

Ion Ratio Lower Upper

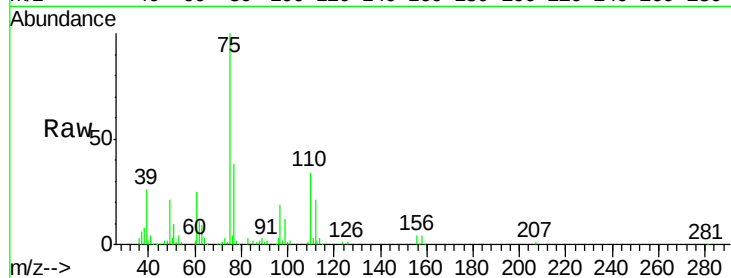
75 100

77 0.0 0.0 0.0

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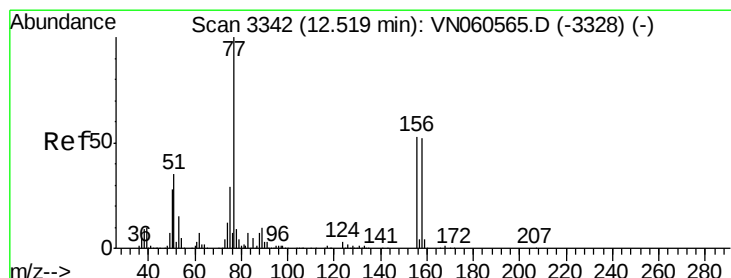
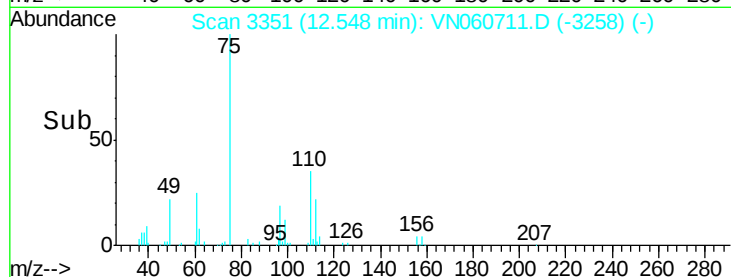
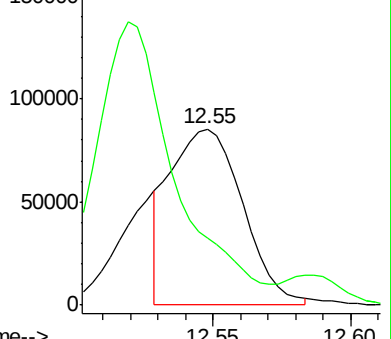
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Abundance Ion 74.90 (74.60 to 75.60): VN060711.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060711.D (-3258) (-)



#77

Bromobenzene

Concen: 48.916 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

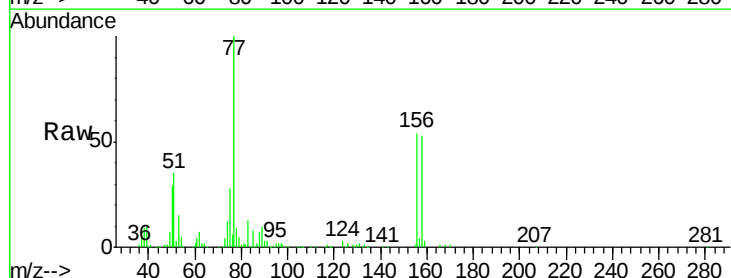
Tgt Ion: 156 Resp: 124513

Ion Ratio Lower Upper

156 100

77 221.8 112.3 337.0

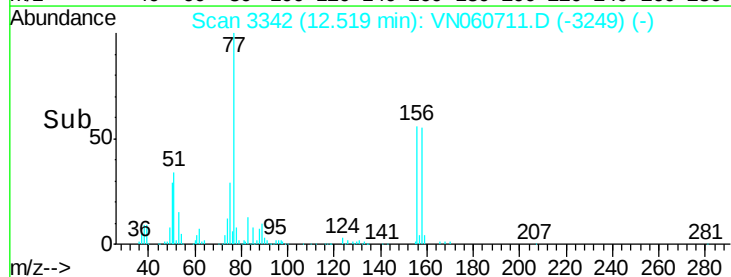
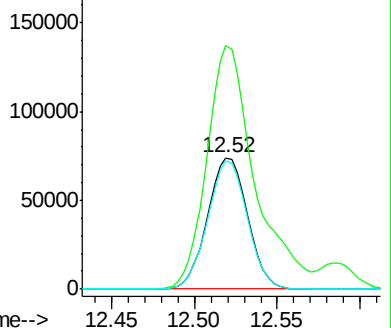
158 96.9 48.6 145.8

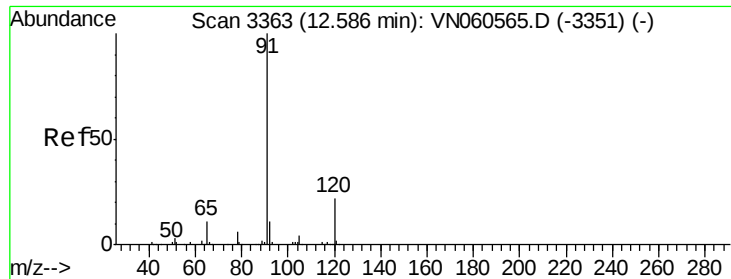


Abundance Ion 155.80 (155.50 to 156.50): VN060711.D (-3249) (-)

Ion 77.00 (76.70 to 77.70): VN060711.D (-3249) (-)

Ion 157.80 (157.50 to 158.50): VN060711.D (-3249) (-)





#78

n-propylbenzene

Concen: 47.667 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200315MS

Tot Ion: 91 Resp: 594893

Ion Ratio Lower Upper

91 100

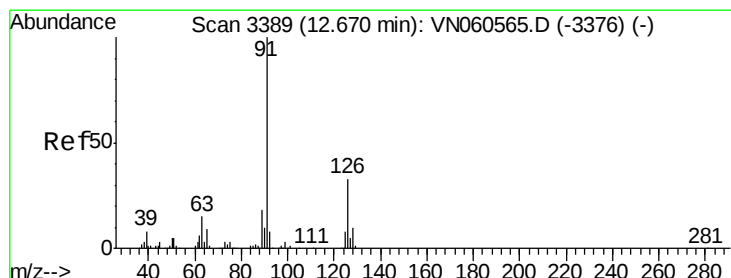
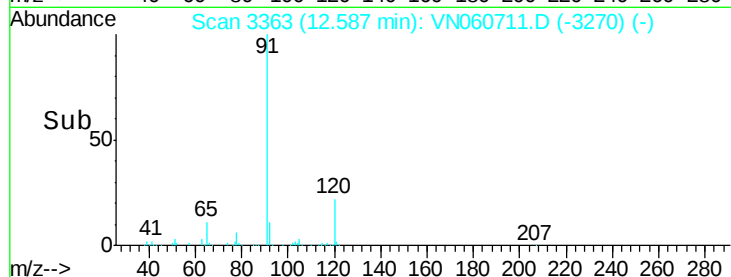
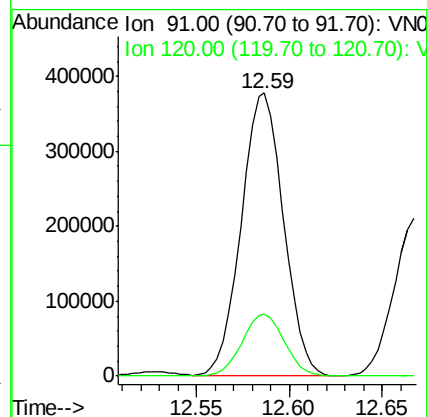
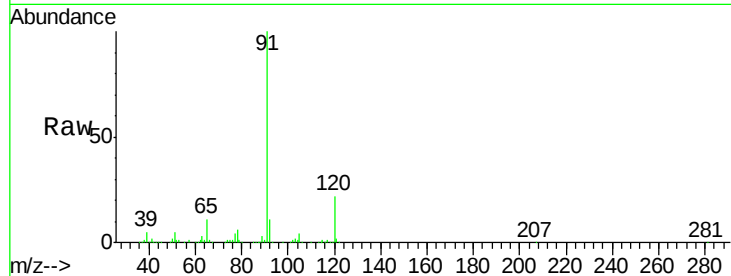
120 22.0 11.3 33.8

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#79

2-Chlorotoluene

Concen: 47.588 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN060711.D

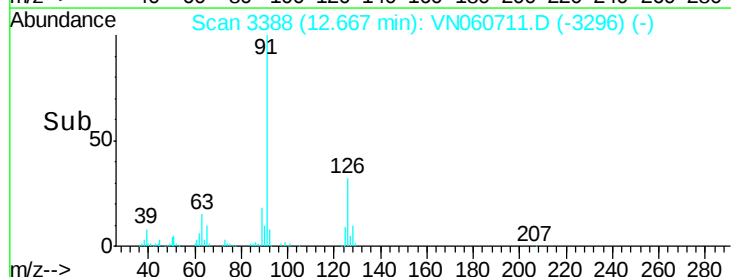
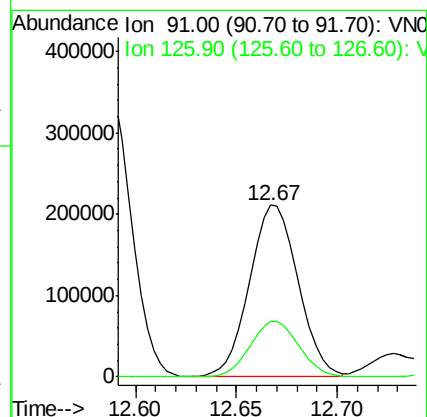
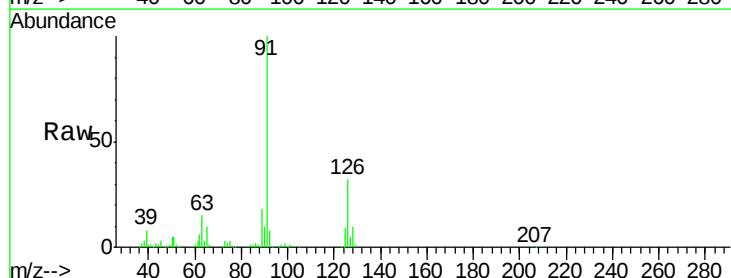
Acq: 26 Mar 2020 13:55

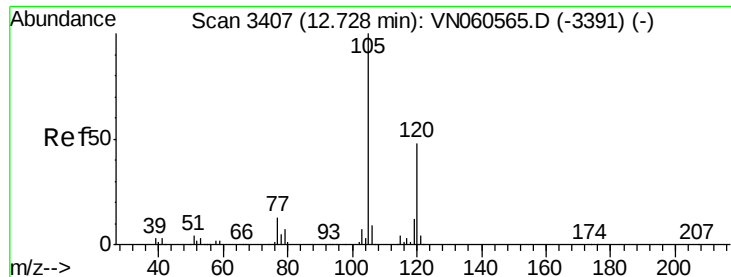
Tgt Ion: 91 Resp: 354861

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1





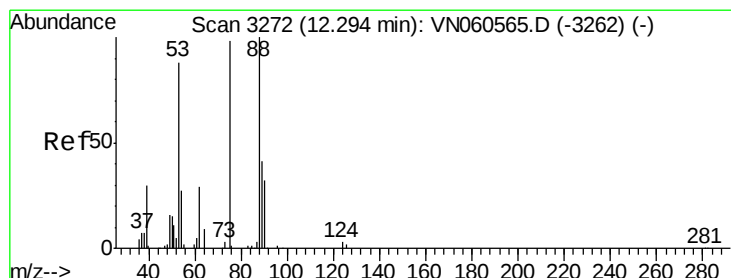
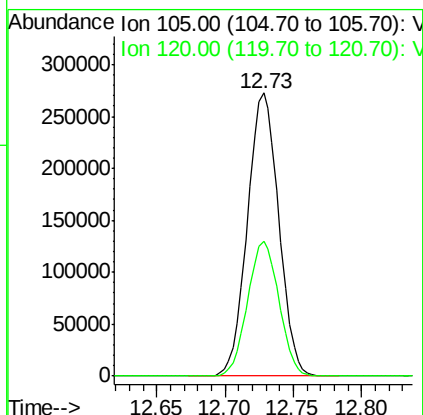
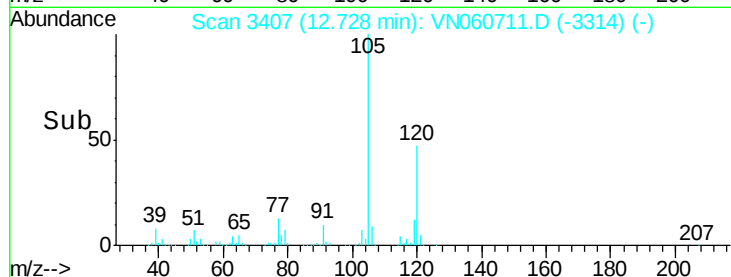
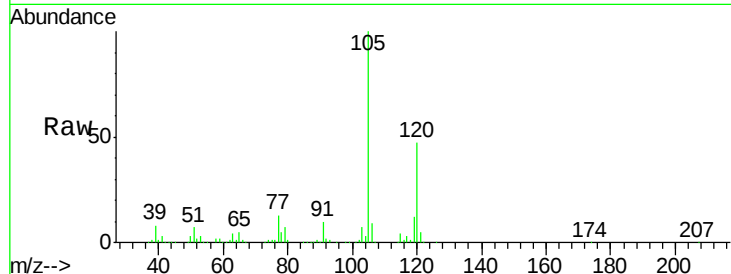
#80
 1,3,5-Trimethylbenzene
 Concen: 48.464 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion:105 Resp: 434454
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7

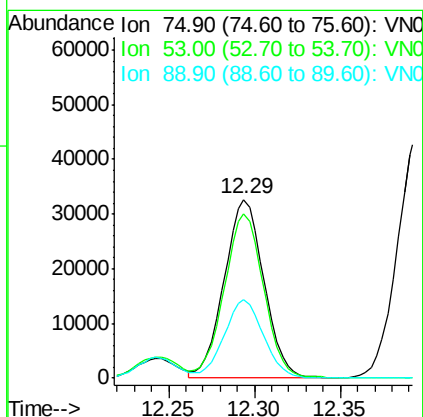
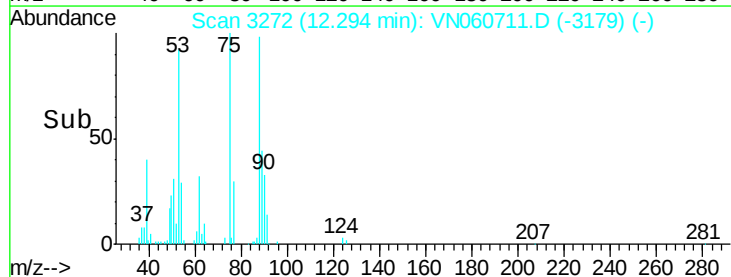
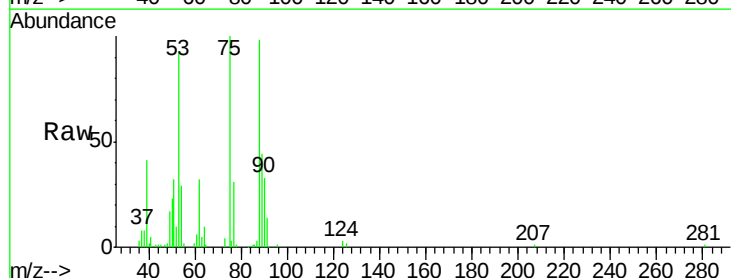
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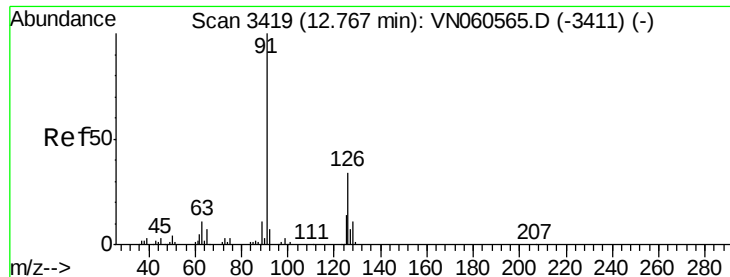
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.682 ug/l
 RT: 12.29 min Scan# 3272
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion: 75 Resp: 52842
 Ion Ratio Lower Upper
 75 100
 53 91.2 73.0 109.4
 89 43.3 34.8 52.2





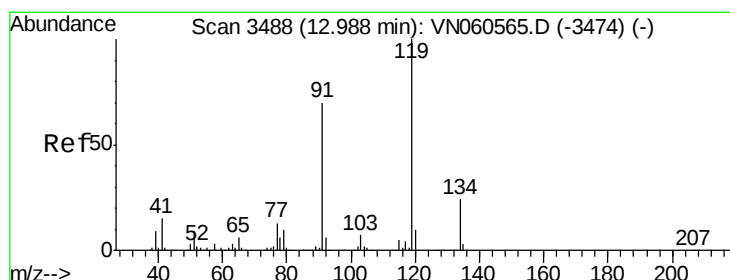
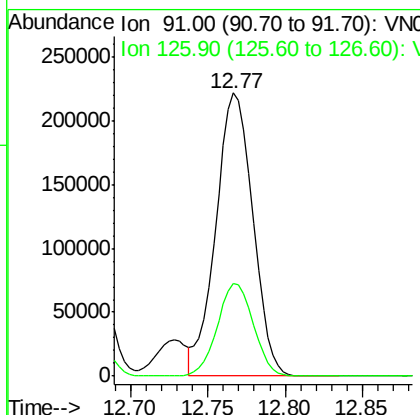
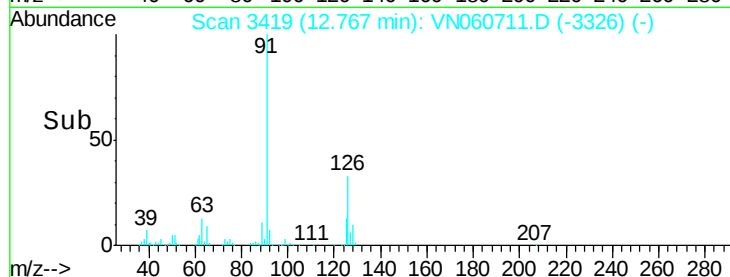
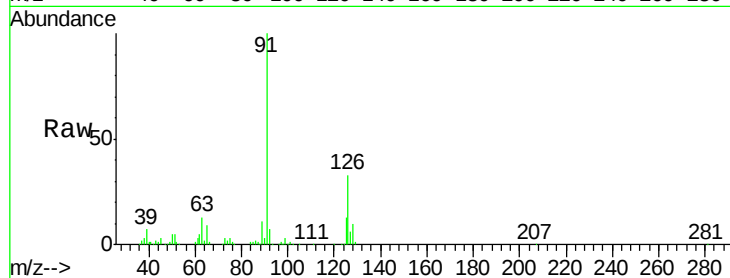
#82
4-Chlorotoluene
Concen: 48.414 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.2	48.5

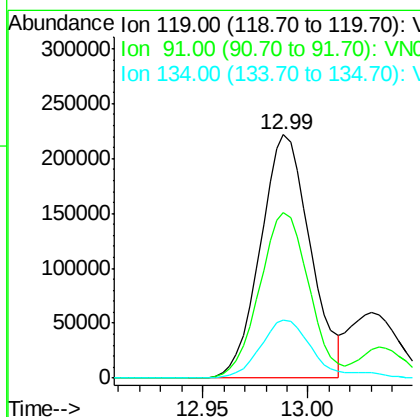
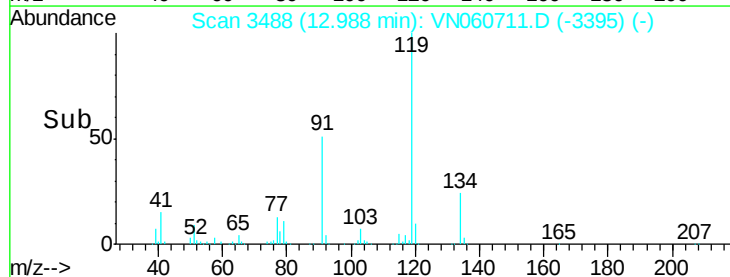
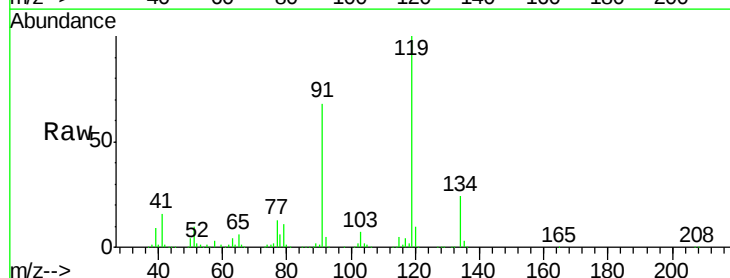
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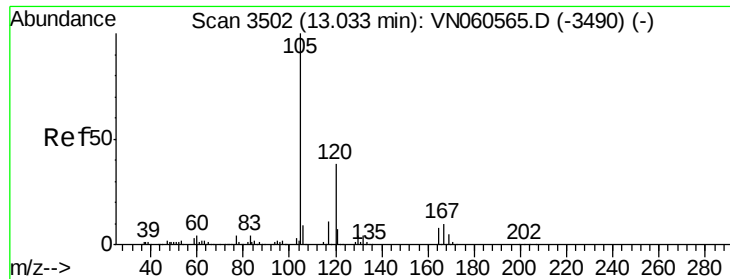
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#83
tert-Butylbenzene
Concen: 49.012 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.5	34.0	101.8
134	25.4	12.7	38.0





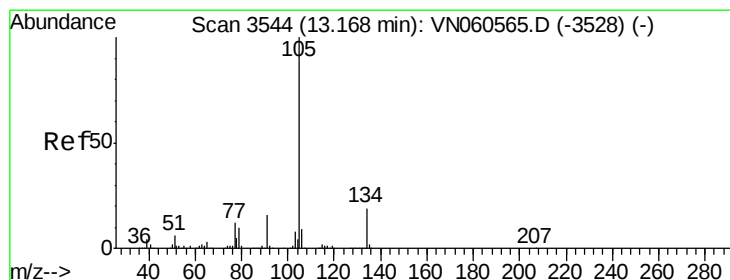
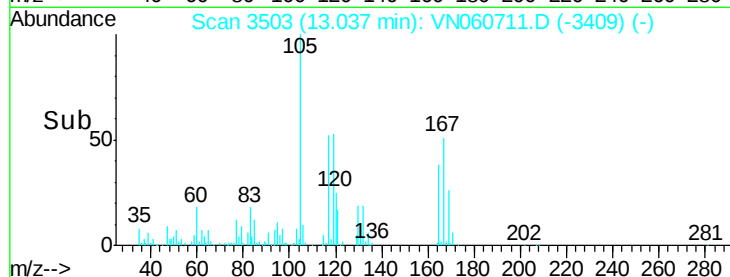
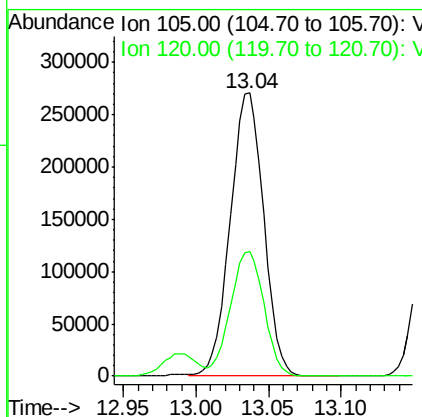
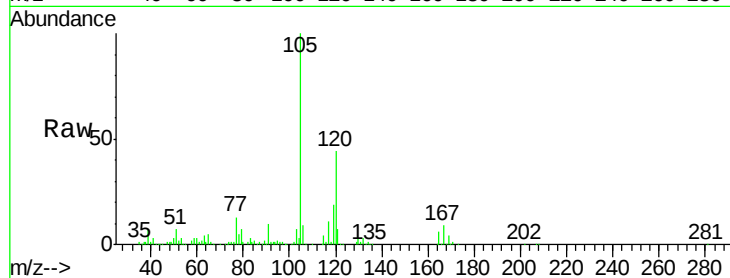
#84
 1,2,4-Trimethylbenzene
 Concen: 48.693 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion:105 Resp: 431840
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.5

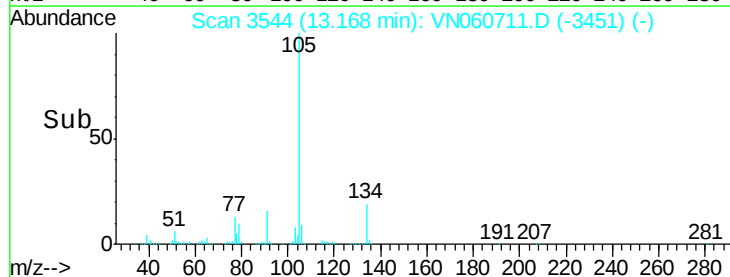
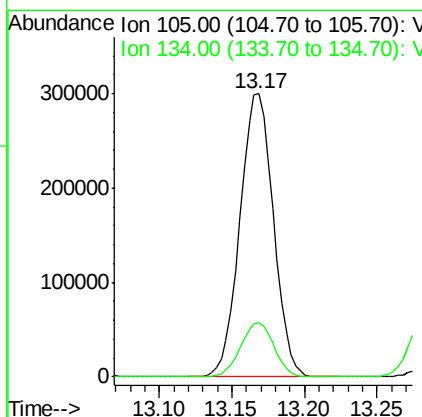
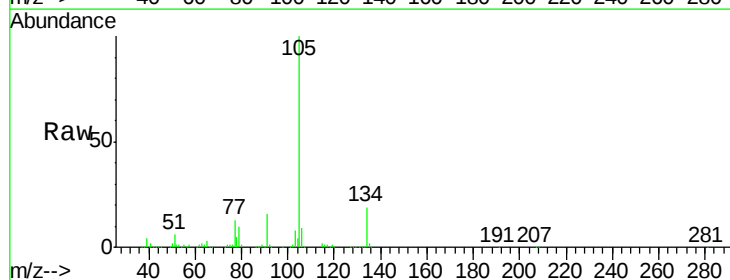
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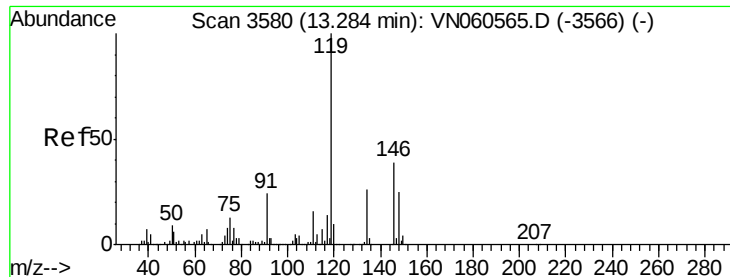
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#85
 sec-Butylbenzene
 Concen: 48.275 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion:105 Resp: 482405
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.8





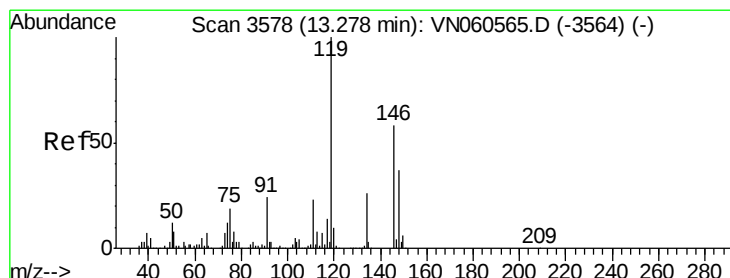
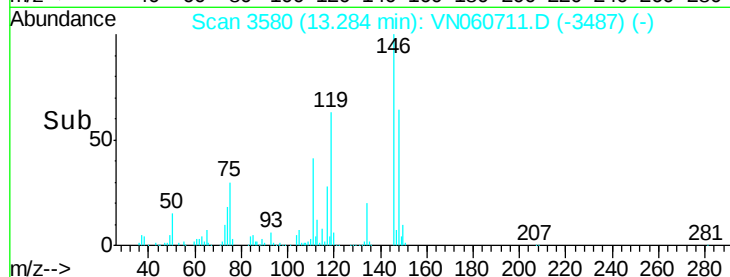
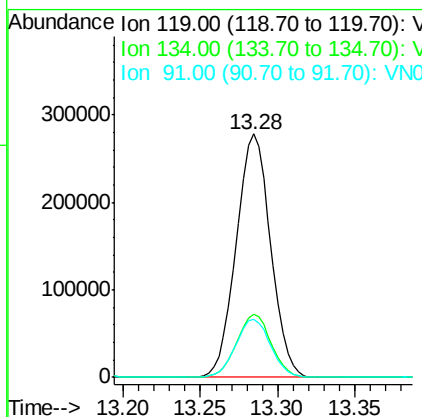
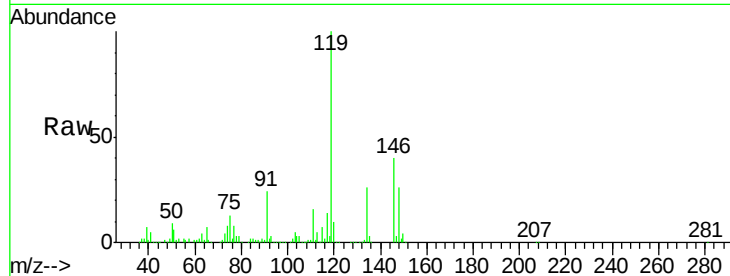
#86
p-Isopropyltoluene
Concen: 47.602 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	24.2	12.0	36.0

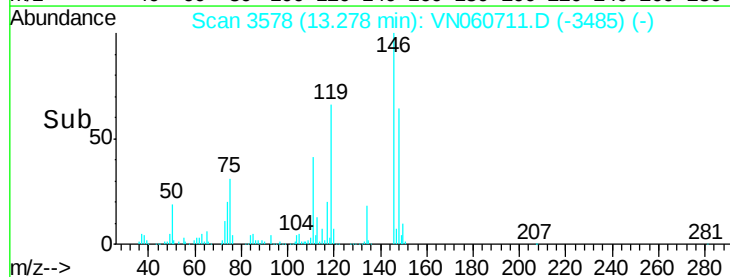
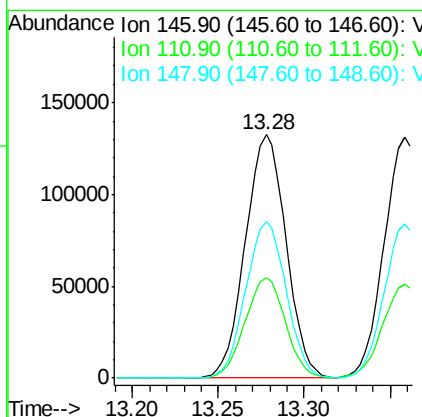
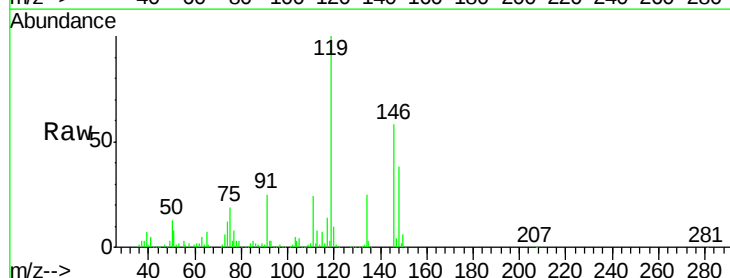
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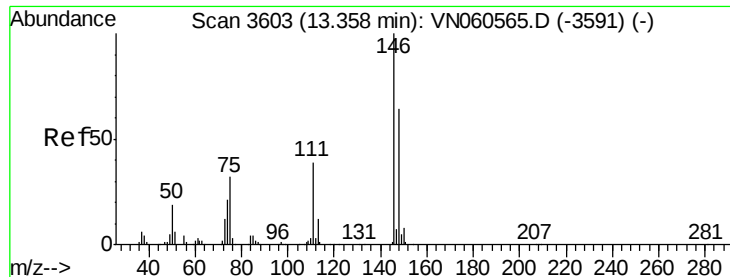
apatel
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#87
1,3-Dichlorobenzene
Concen: 48.543 ug/l
RT: 13.28 min Scan# 3578
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	63.9	32.5	97.4





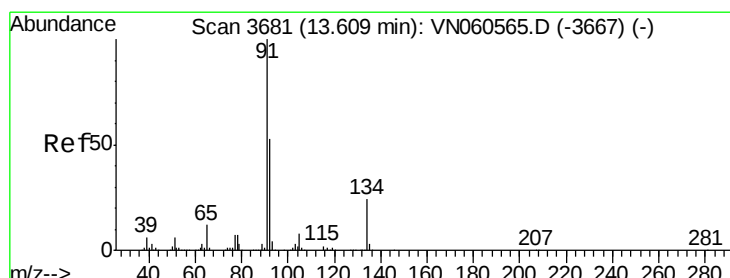
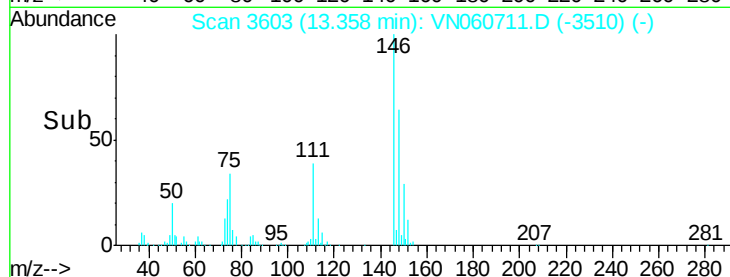
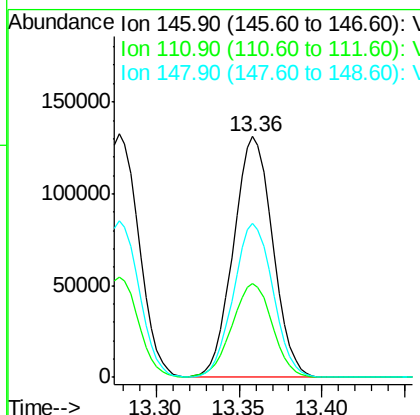
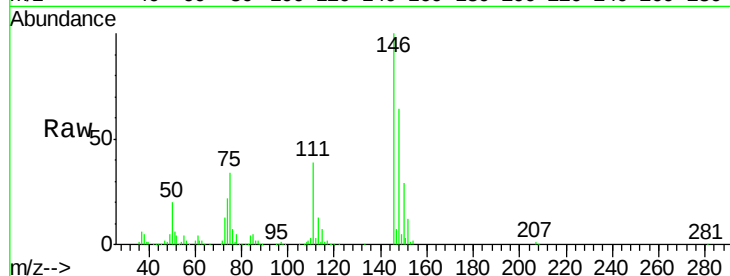
#88
 1,4-Dichlorobenzene
 Concen: 47.878 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.7
148	64.4	32.1	96.3

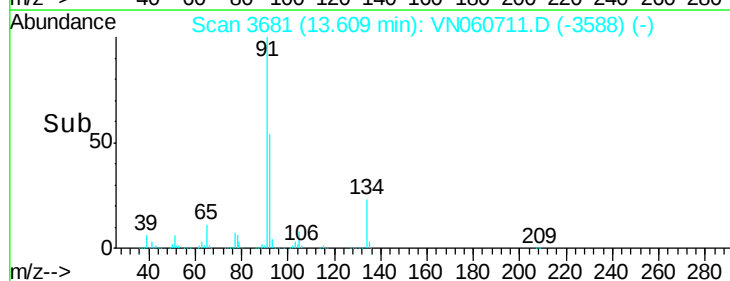
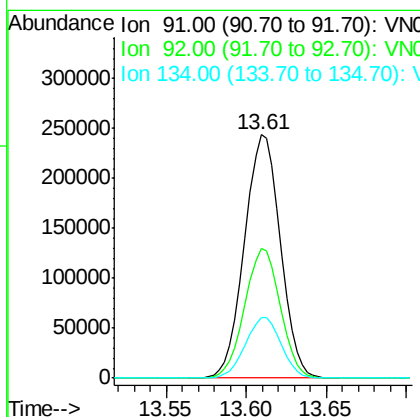
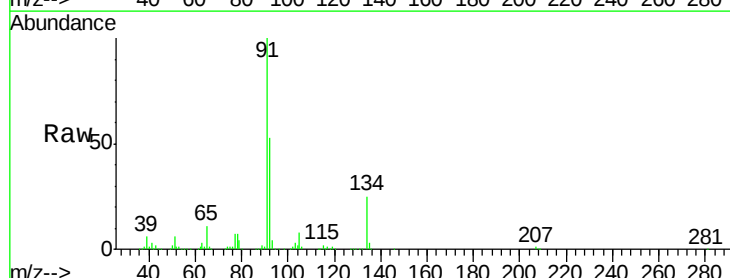
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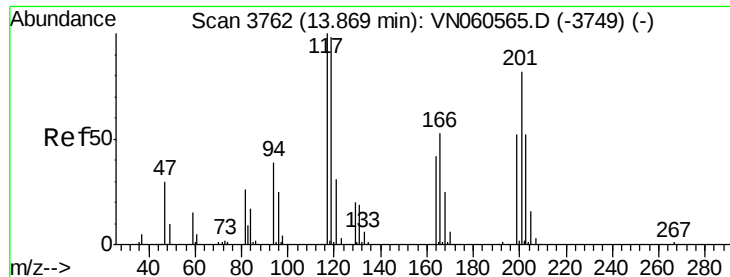
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#89
 n-Butylbenzene
 Concen: 46.020 ug/l
 RT: 13.61 min Scan# 3681
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.5
134	24.8	12.3	36.9





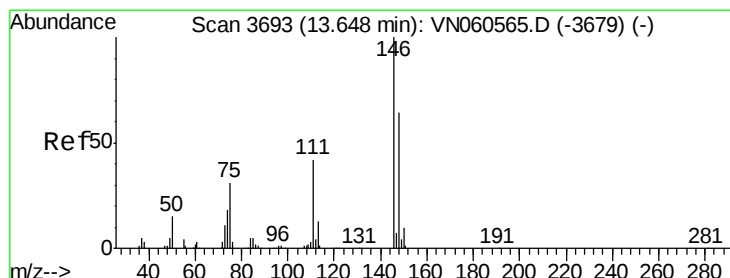
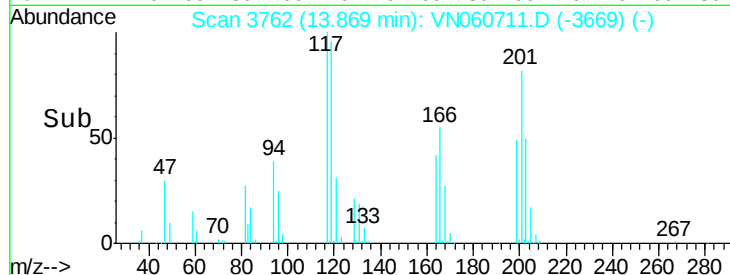
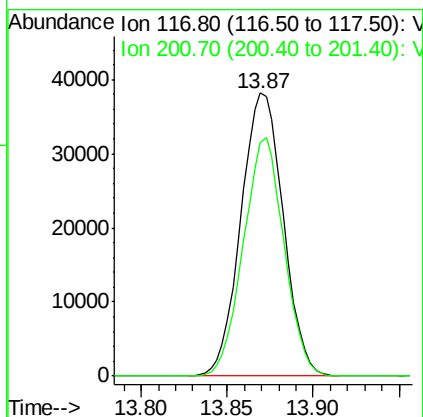
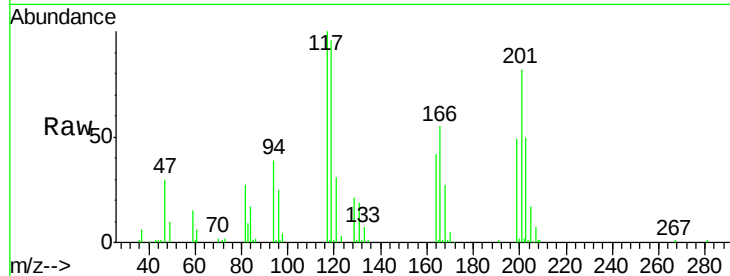
#90
Hexachloroethane
Concen: 49.927 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion:117 Resp: 65213
Ion Ratio Lower Upper
117 100
201 80.8 40.8 122.5

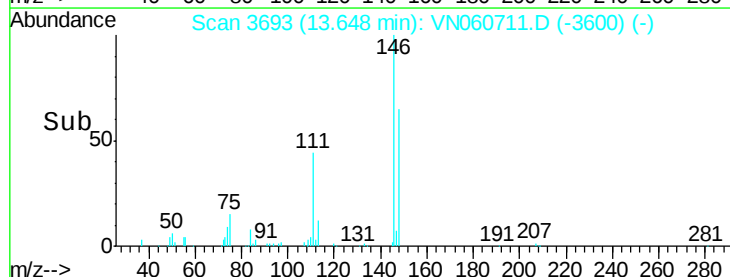
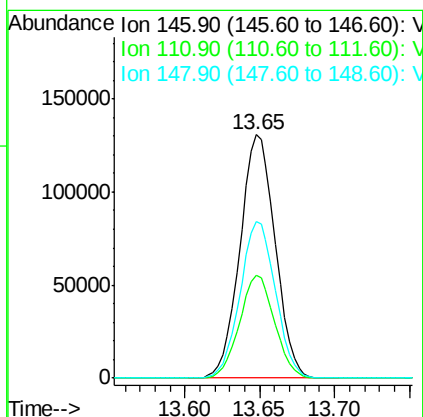
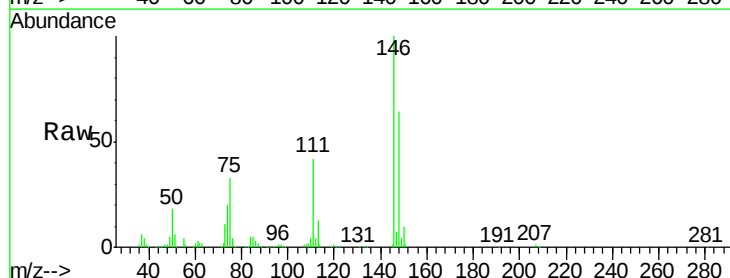
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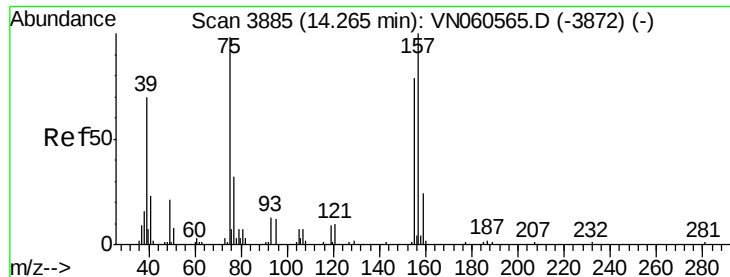
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#91
1,2-Dichlorobenzene
Concen: 49.903 ug/l
RT: 13.65 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VN060711.D
Acq: 26 Mar 2020 13:55

Tgt Ion:146 Resp: 214220
Ion Ratio Lower Upper
146 100
111 41.9 21.0 63.0
148 64.4 31.9 95.5





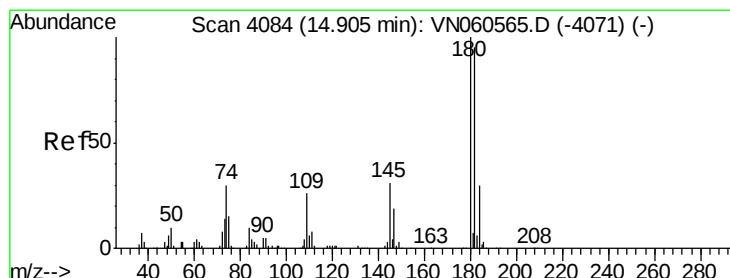
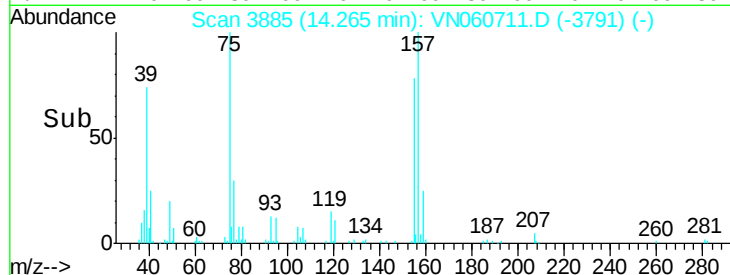
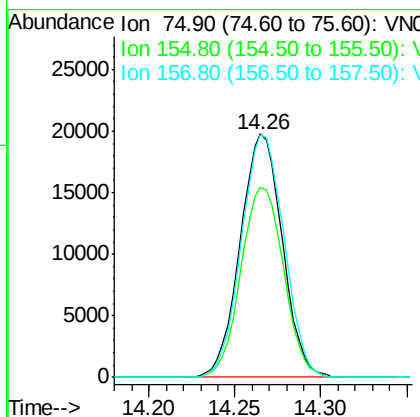
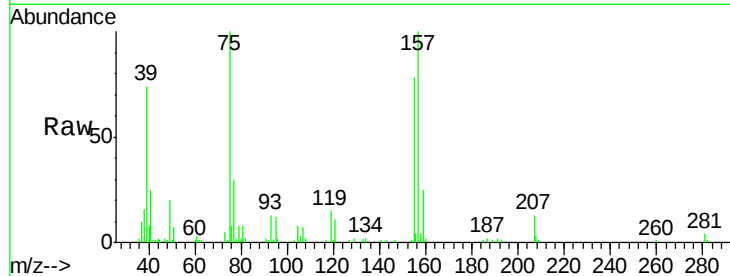
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.332 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	79.0	40.7	122.1
157	100.7	51.5	154.7

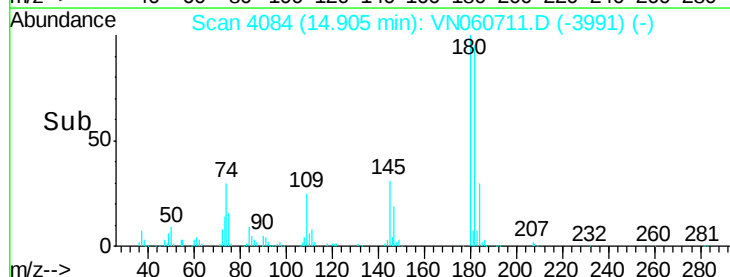
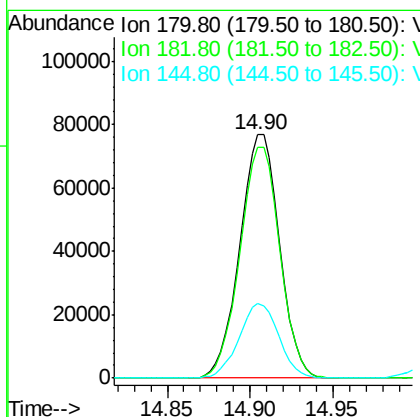
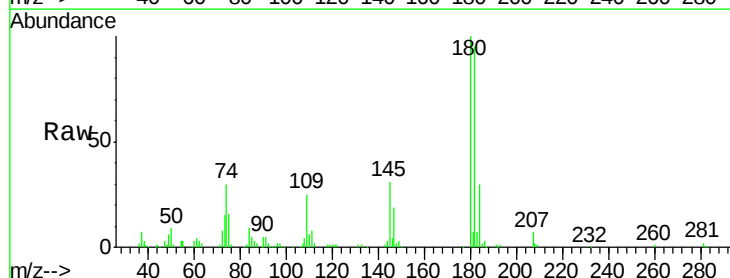
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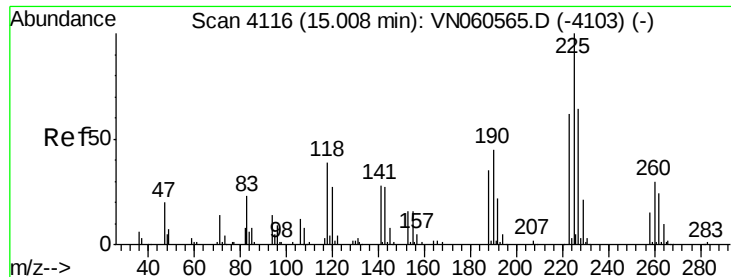
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 3/27/2020 10:11:17 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.373 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	30.7	15.4	46.2





#94

Hexachlorobutadiene

Concen: 45.156 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Instrument :

MSVOA_N

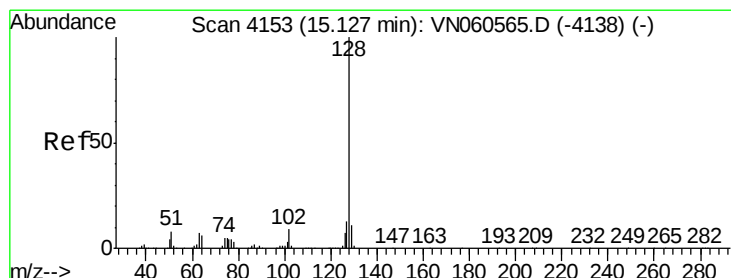
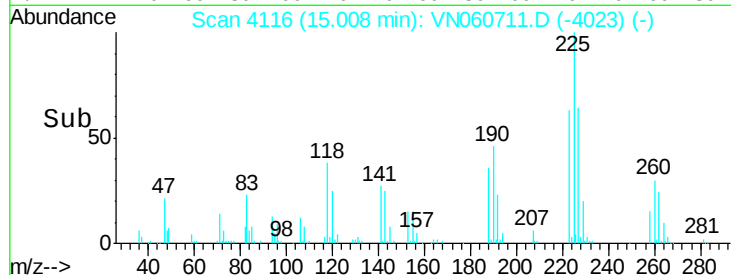
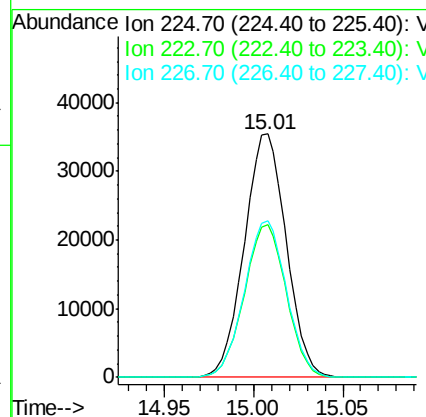
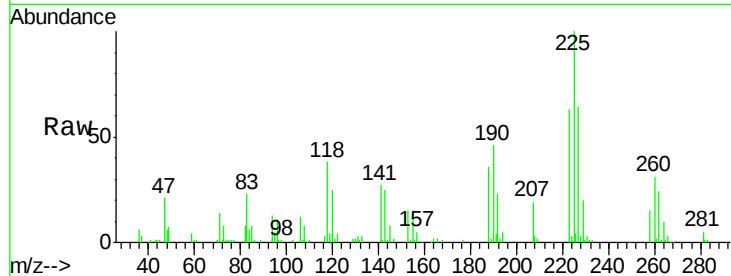
ClientSampleId :

MW203D-20200315MS

Tot Ion:	225	Resp:	58355
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.6	95.0
227	64.5	32.3	96.8

Manual Integrations
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3/27/2020 10:11:17 AM



#95

Naphthalene

Concen: 50.051 ug/l

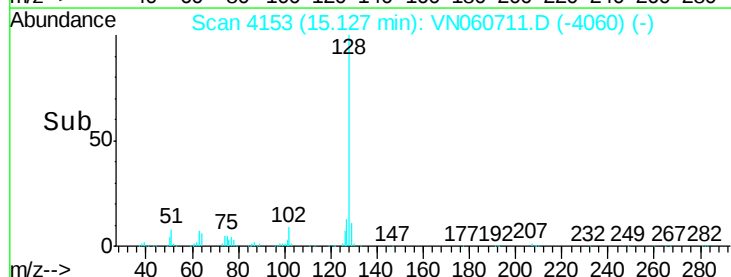
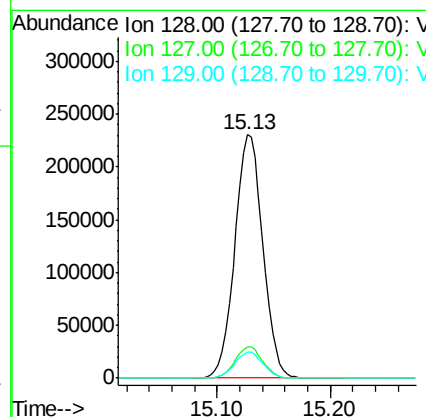
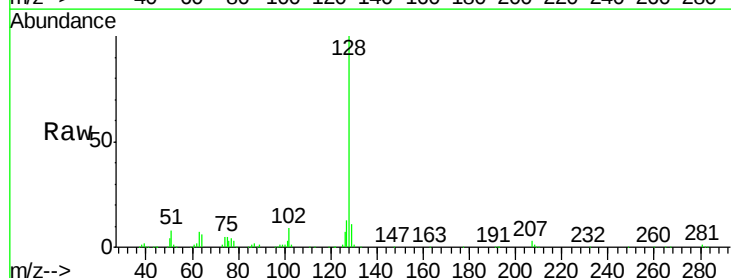
RT: 15.13 min Scan# 4153

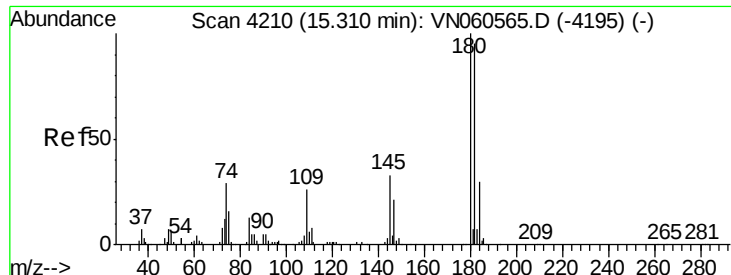
Delta R.T. 0.00 min

Lab File: VN060711.D

Acq: 26 Mar 2020 13:55

Tgt Ion:	128	Resp:	396858
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 47.726 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN060711.D
 Acq: 26 Mar 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	47.5	142.6
145	31.9	16.3	48.8

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