

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060733.D
 Acq On : 27 Mar 2020 11:41
 Operator : JC/MD
 Sample : VN0327WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

Quant Time: Mar 30 00:31:13 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	202221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	332001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139689	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	131658	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
35) Dibromofluoromethane	7.56	113	98050	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	10.08	98	394832	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.40	95	141082	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	35871	18.333	ug/l	99
3) Chloromethane	2.04	50	60389	16.525	ug/l	100
4) Vinyl Chloride	2.17	62	48058	16.813	ug/l	98
5) Bromomethane	2.55	94	24536	19.885	ug/l	99
6) Chloroethane	2.69	64	30367	18.443	ug/l	99
7) Trichlorofluoromethane	3.00	101	64653	18.362	ug/l	97
8) Diethyl Ether	3.38	74	26508	18.741	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	38861	19.047	ug/l	100
10) Methyl Iodide	3.93	142	35436	19.519	ug/l	98
11) Tert butyl alcohol	4.72	59	34888	85.454	ug/l	98
12) 1,1-Dichloroethene	3.72	96	39474	18.029	ug/l	95
13) Acrolein	3.58	56	32558	71.954	ug/l	97
14) Allyl chloride	4.29	41	70710	18.363	ug/l	99
15) Acrylonitrile	4.94	53	108763	90.595	ug/l	99
16) Acetone	3.78	43	101882	103.609	ug/l	100
17) Carbon Disulfide	4.03	76	116539	17.502	ug/l	100
18) Methyl Acetate	4.29	43	50938	18.404	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	138865	18.448	ug/l	99
20) Methylene Chloride	4.52	84	45085	18.638	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	42215	18.091	ug/l	93
22) Diisopropyl ether	5.91	45	155751	19.145	ug/l	98
23) Vinyl Acetate	5.86	43	630454	94.979	ug/l	100
24) 1,1-Dichloroethane	5.82	63	84433	19.038	ug/l	100
25) 2-Butanone	6.80	43	146340	91.969	ug/l	97
26) 2,2-Dichloropropane	6.80	77	71982	20.629	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	49142	18.532	ug/l	98
28) Bromochloromethane	7.17	49	42347	19.957	ug/l	99
29) Tetrahydrofuran	7.18	42	97443	86.552	ug/l	98
30) Chloroform	7.35	83	78807	18.536	ug/l	100
31) Cyclohexane	7.63	56	81652	18.262	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	68327	18.642	ug/l	98
36) 1,1-Dichloropropene	7.77	75	61699	19.192	ug/l	99
37) Ethyl Acetate	6.89	43	62663	18.040	ug/l	98
38) Carbon Tetrachloride	7.75	117	53844	18.688	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	74328	19.456	ug/l	99
40) Benzene	8.02	78	185138	19.077	ug/l	99
41) Methacrylonitrile	7.14	41	25442m	17.162	ug/l	
42) 1,2-Dichloroethane	8.10	62	64070	19.318	ug/l	99
43) Isopropyl Acetate	8.14	43	105245	18.371	ug/l	100
44) Trichloroethene	8.81	130	47569	19.444	ug/l	100
45) 1,2-Dichloropropane	9.10	63	51119	19.962	ug/l	98
46) Dibromomethane	9.19	93	29936	19.337	ug/l	100
47) Bromodichloromethane	9.38	83	60921	18.937	ug/l	99
48) Methyl methacrylate	9.18	41	45355	17.782	ug/l	98
49) 1,4-Dioxane	9.18	88	12176	401.625	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	297672	91.313	ug/l	100
52) Toluene	10.14	92	112573	19.207	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	71217	19.272	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	79149	19.524	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	42181	18.707	ug/l	98
56) Ethyl methacrylate	10.42	69	64786	18.427	ug/l	98
57) 1,3-Dichloropropane	10.70	76	75354	19.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	140078	80.165	ug/l	100
59) 2-Hexanone	10.74	43	214517	91.351	ug/l	99
60) Dibromochloromethane	10.89	129	44296	19.019	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42748	18.854	ug/l	99
64) Tetrachloroethene	10.62	164	45082	19.086	ug/l	97
65) Chlorobenzene	11.42	112	113792	19.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41765	19.386	ug/l	98
67) Ethyl Benzene	11.50	91	212238	19.180	ug/l	99
68) m/p-Xylenes	11.62	106	157945	38.411	ug/l	99
69) o-Xylene	11.94	106	76002	19.362	ug/l	99
70) Styrene	11.96	104	119891	18.675	ug/l	100
71) Bromoform	12.12	173	30044	17.895	ug/l #	99
73) Isopropylbenzene	12.24	105	204015	19.461	ug/l	100
74) N-amyl acetate	12.06	43	88920	18.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	60004	18.928	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	58342m	19.356	ug/l	
77) Bromobenzene	12.52	156	47635	18.857	ug/l	98
78) n-propylbenzene	12.59	91	237047	19.140	ug/l	100
79) 2-Chlorotoluene	12.67	91	141462	19.116	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	171962	19.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21145	18.017	ug/l	99
82) 4-Chlorotoluene	12.77	91	144976	19.235	ug/l	98
83) tert-Butylbenzene	12.99	119	142651	19.343	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	170942	19.423	ug/l	100
85) sec-Butylbenzene	13.17	105	193733	19.536	ug/l	99
86) p-Isopropyltoluene	13.28	119	174933	19.617	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	85227	19.130	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	84782	18.941	ug/l	99
89) n-Butylbenzene	13.61	91	158554	19.693	ug/l	99
90) Hexachloroethane	13.87	117	25147	19.400	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	83320	19.558	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11384	16.967	ug/l	95

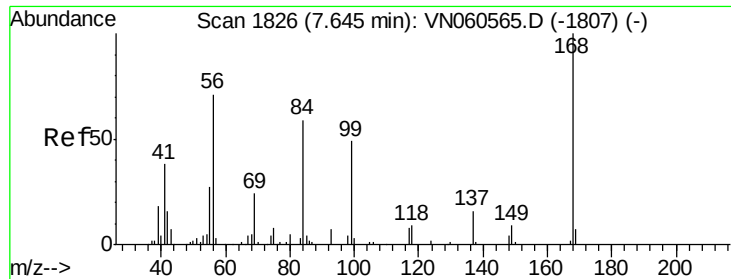
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	51049	19.513	ug/l	98
94) Hexachlorobutadiene	15.01	225	25963	20.245	ug/l	99
95) Naphthalene	15.13	128	140863	17.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	48112	18.671	ug/l	100

(#) = 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: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

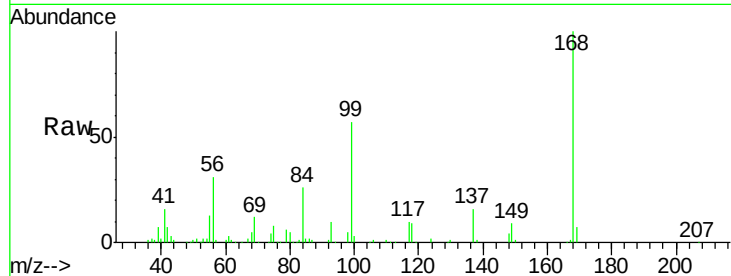
VN0327WBS01

Tot Ion:168 Resp: 202221

Ion Ratio Lower Upper

168 100

99 56.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

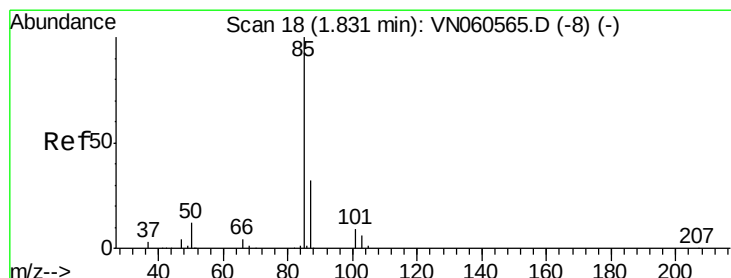
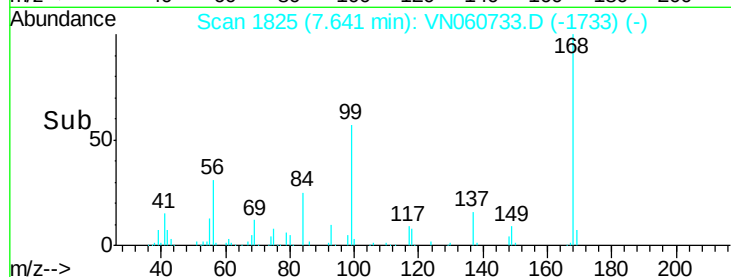
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.333 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060733.D

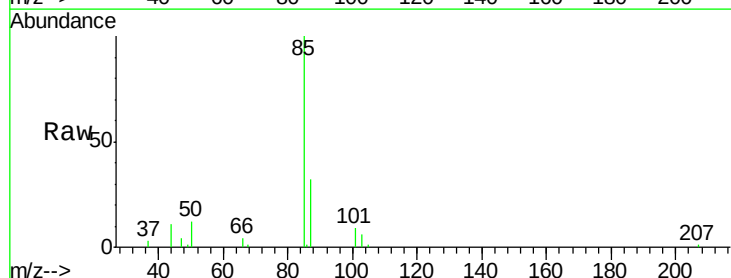
Acq: 27 Mar 2020 11:41

Tgt Ion: 85 Resp: 35871

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

25000

20000

15000

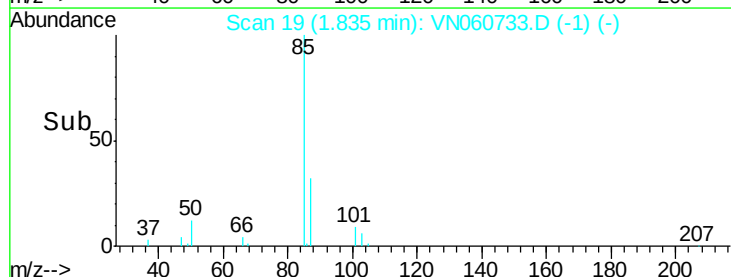
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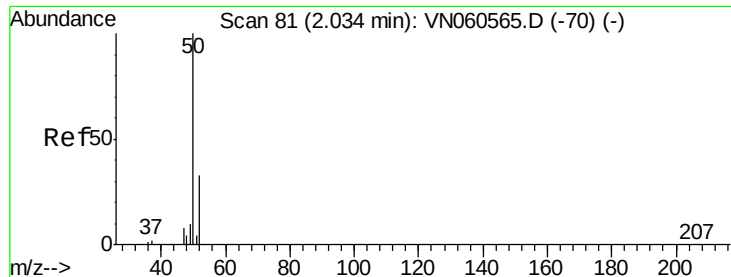
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.525 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

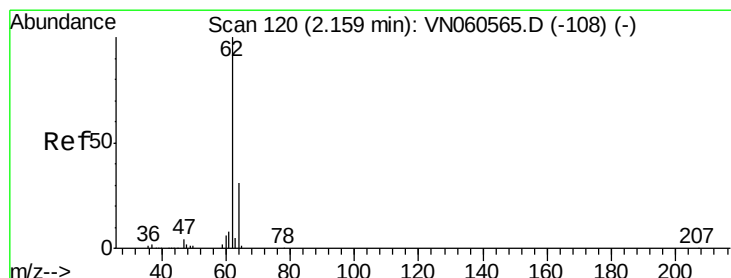
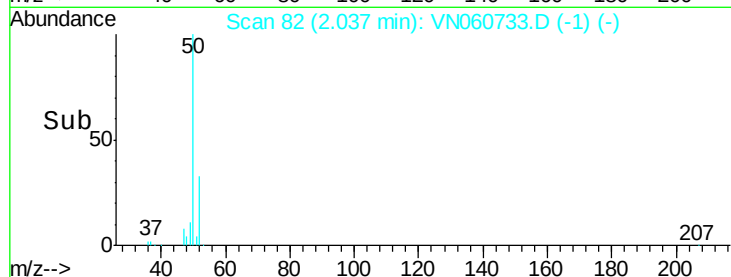
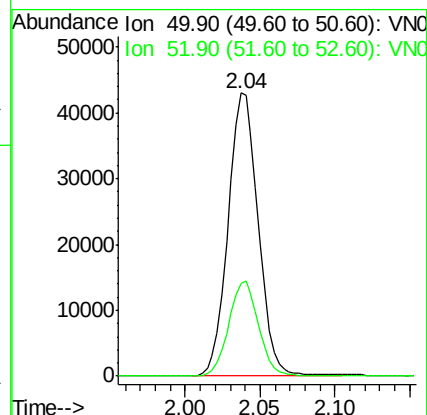
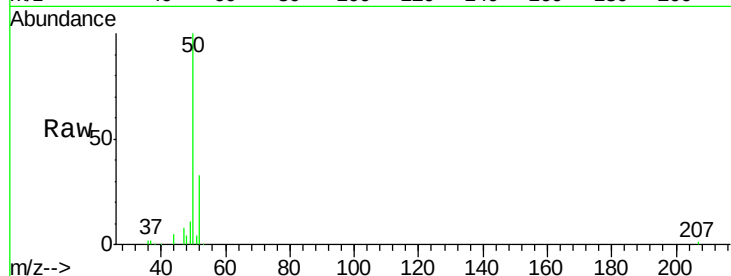
VN0327WBS01

Tot Ion: 50 Resp: 60389

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 16.813 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060733.D

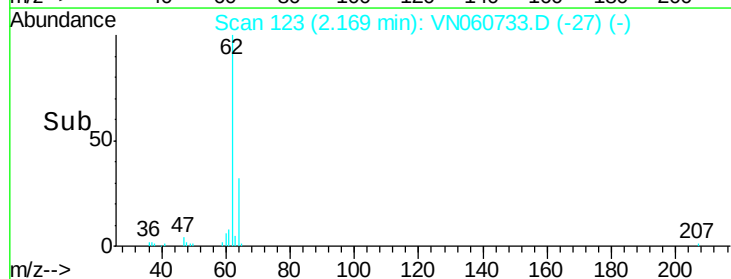
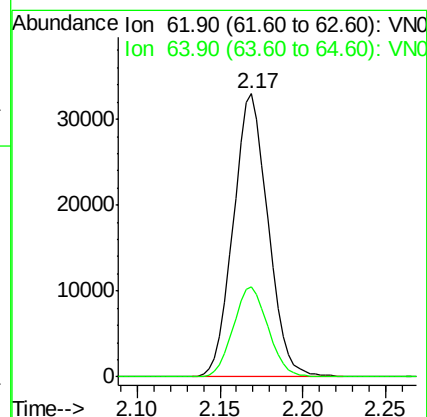
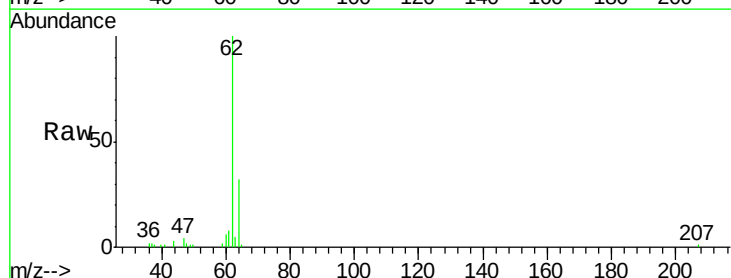
Acq: 27 Mar 2020 11:41

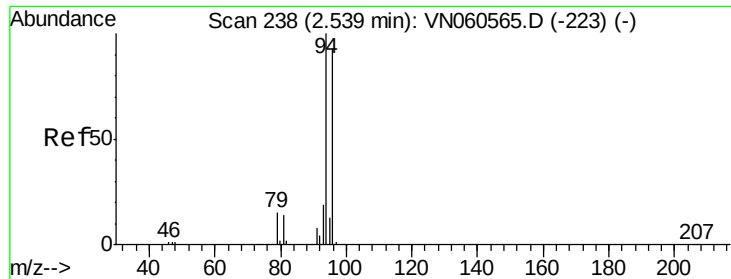
Tgt Ion: 62 Resp: 48058

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1





#5

Bromomethane

Concen: 19.885 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

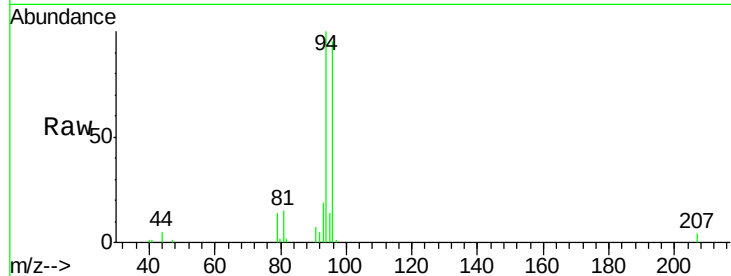
VN0327WBS01

Tot Ion: 94 Resp: 24536

Ion Ratio Lower Upper

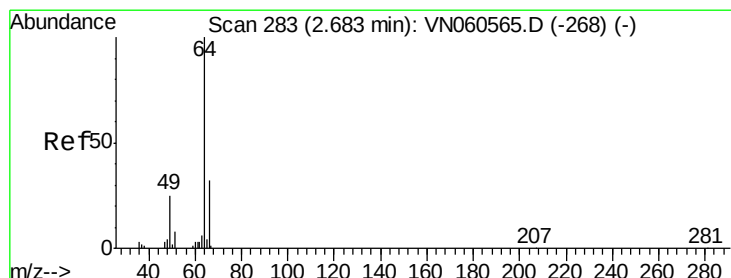
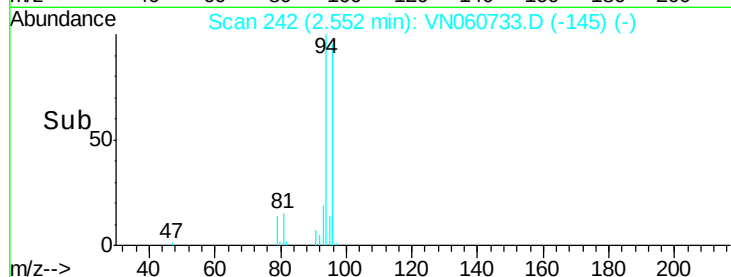
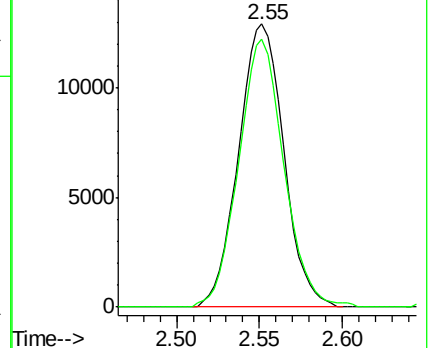
94 100

96 94.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.443 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060733.D

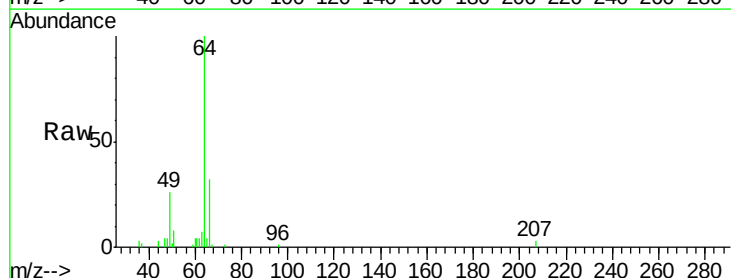
Acq: 27 Mar 2020 11:41

Tgt Ion: 64 Resp: 30367

Ion Ratio Lower Upper

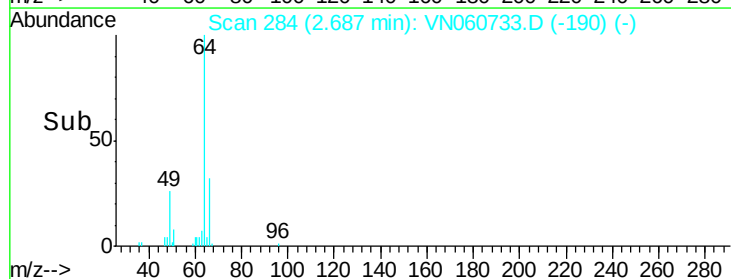
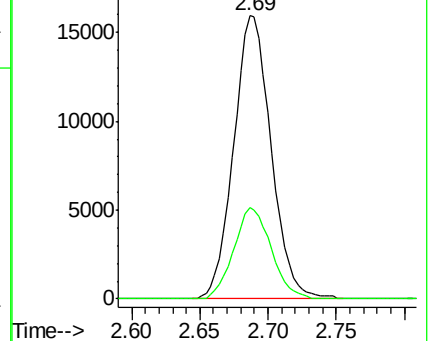
64 100

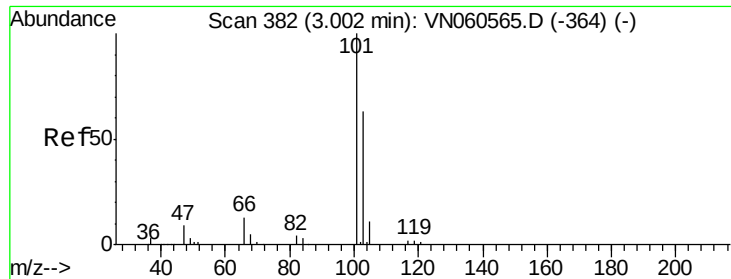
66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



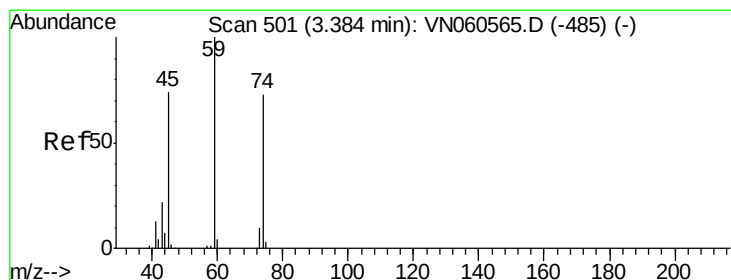
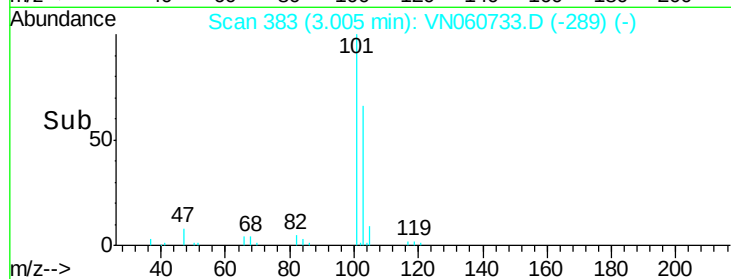
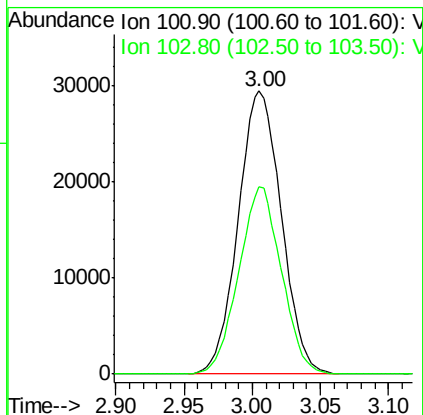
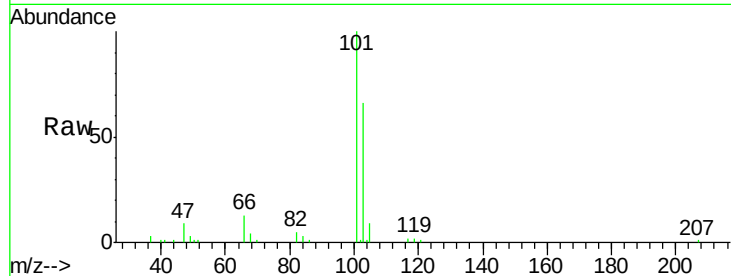


#7

Trichlorofluoromethane
 Concen: 18.362 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

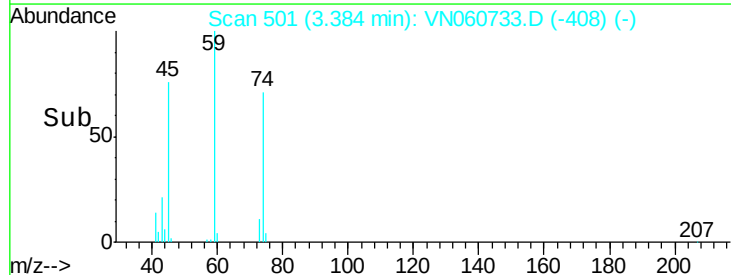
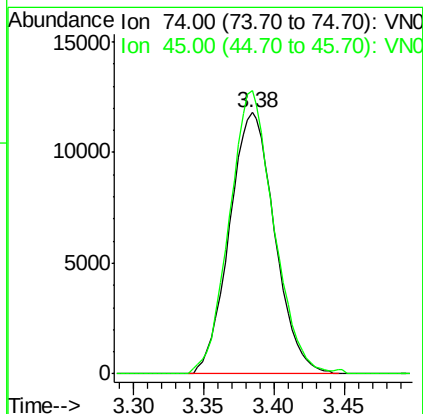
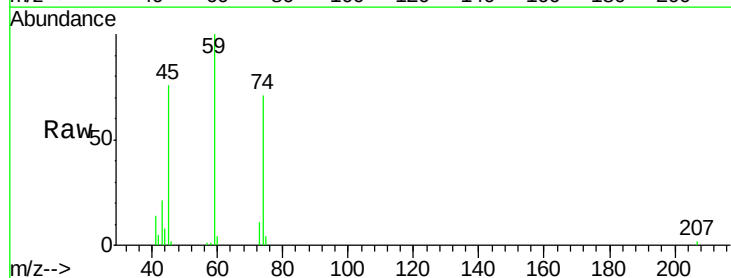
Tot Ion:101 Resp: 64653
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.6 76.0

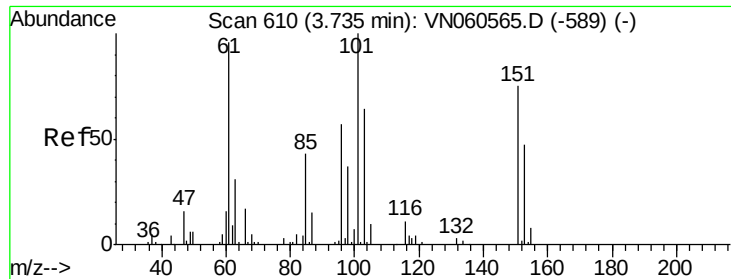


#8

Diethyl Ether
 Concen: 18.741 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

Tgt Ion: 74 Resp: 26508
 Ion Ratio Lower Upper
 74 100
 45 106.3 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.047 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

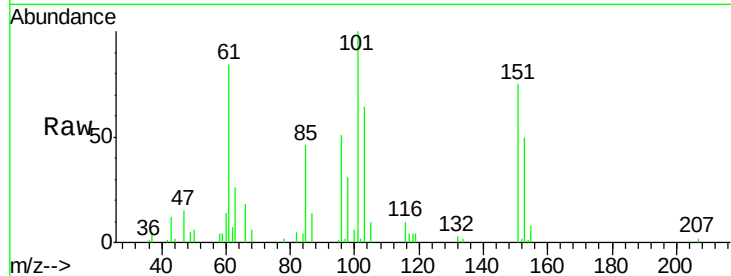
Tot Ion:101 Resp: 38861

Ion Ratio Lower Upper

101 100

85 44.0 35.6 53.4

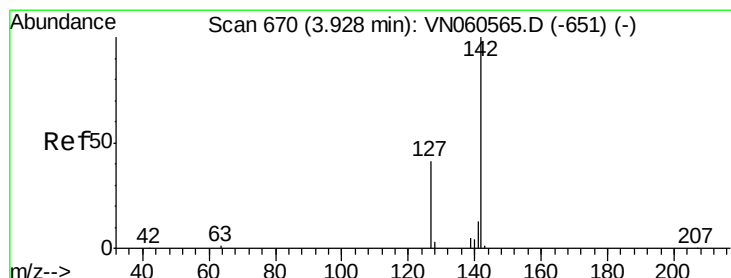
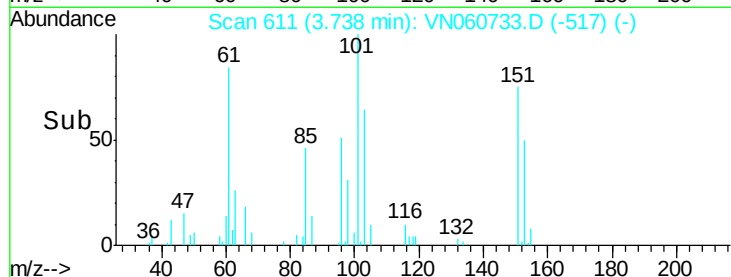
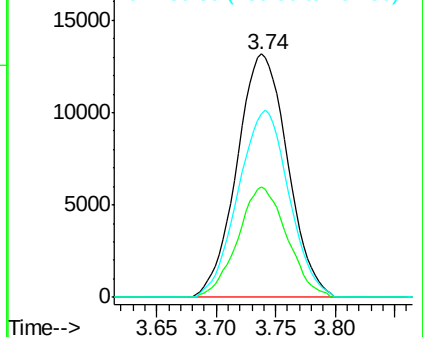
151 77.1 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.519 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

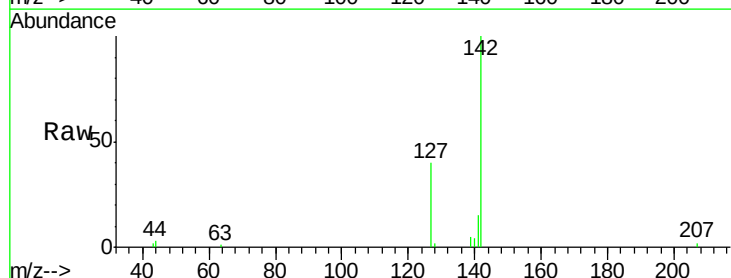
Tgt Ion:142 Resp: 35436

Ion Ratio Lower Upper

142 100

127 40.4 33.5 50.3

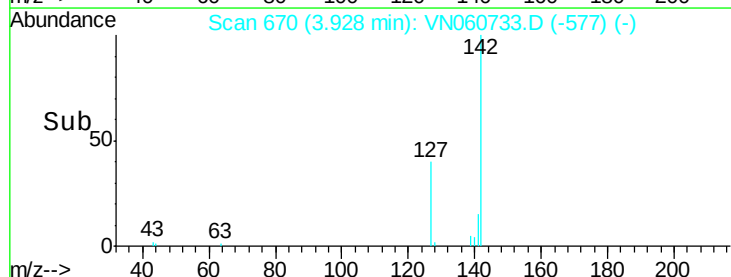
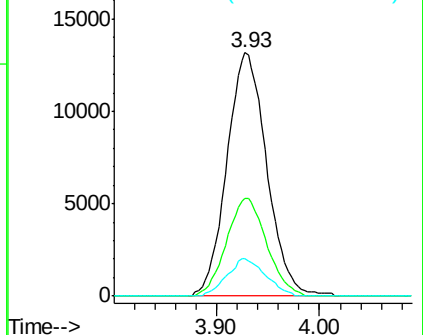
141 14.9 11.0 16.6

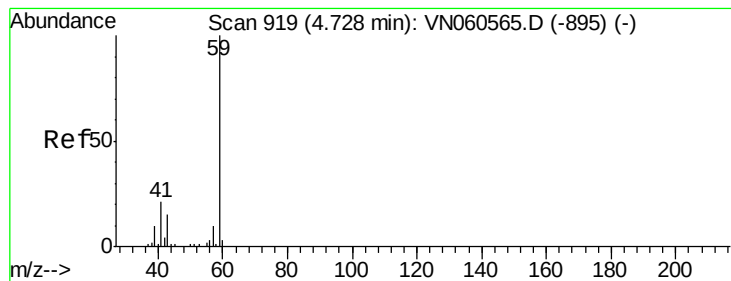


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 85.454 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.01 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

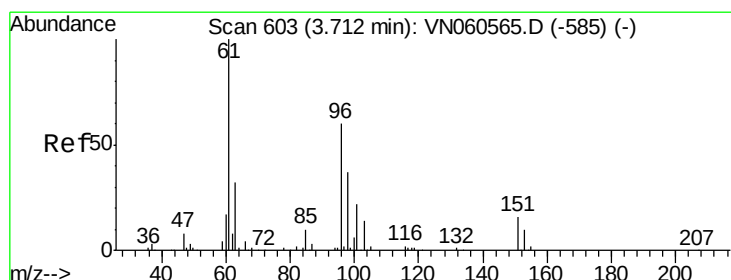
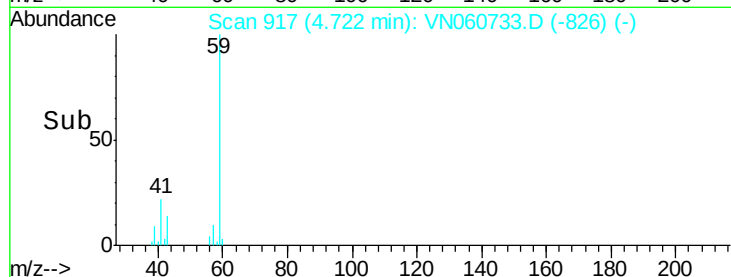
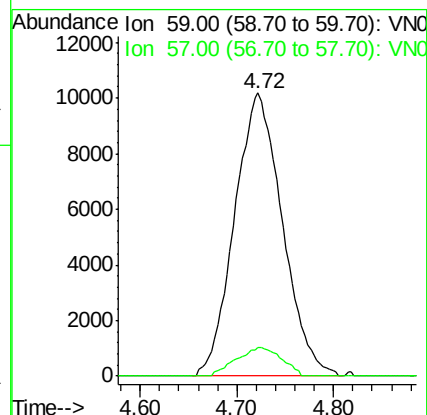
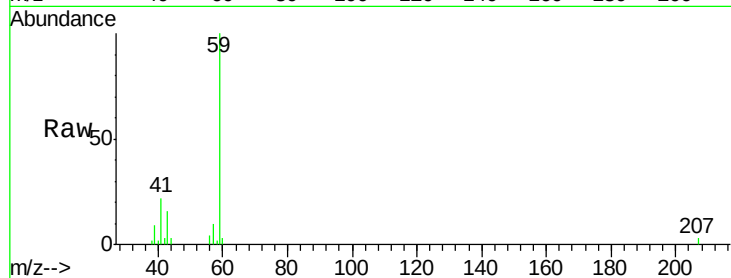
VN0327WBS01

Tot Ion: 59 Resp: 34888

Ion Ratio Lower Upper

59 100

57 9.6 8.2 12.4



#12

1,1-Dichloroethene

Concen: 18.029 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

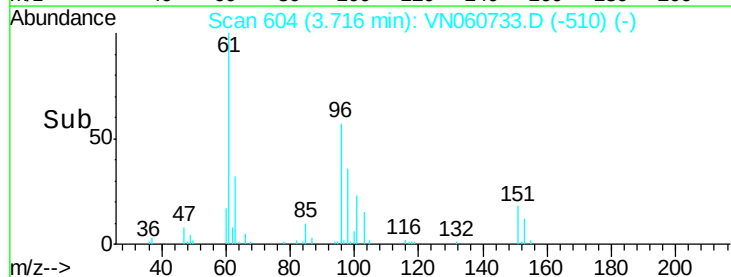
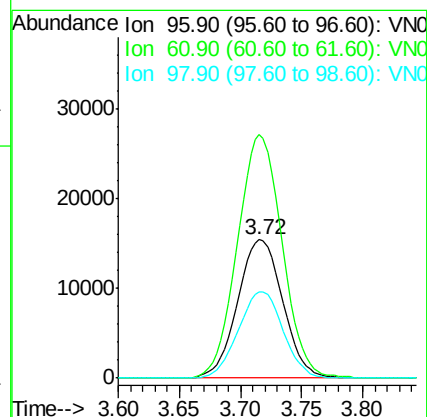
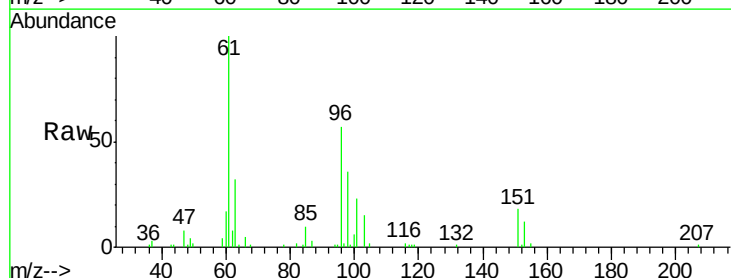
Tgt Ion: 96 Resp: 39474

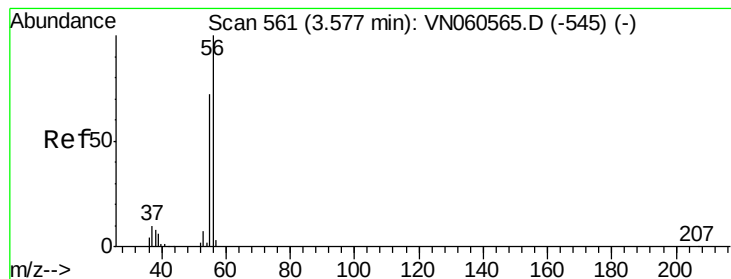
Ion Ratio Lower Upper

96 100

61 176.1 134.1 201.1

98 62.8 49.9 74.9





#13

Acrolein

Concen: 71.954 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampled :

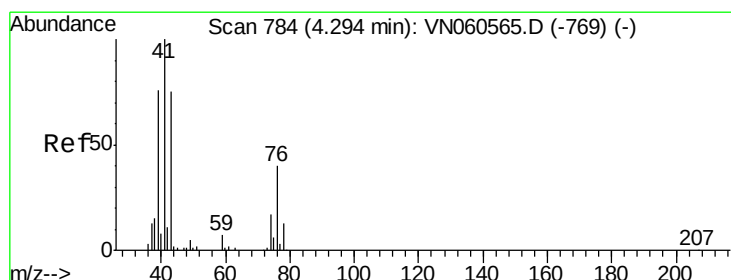
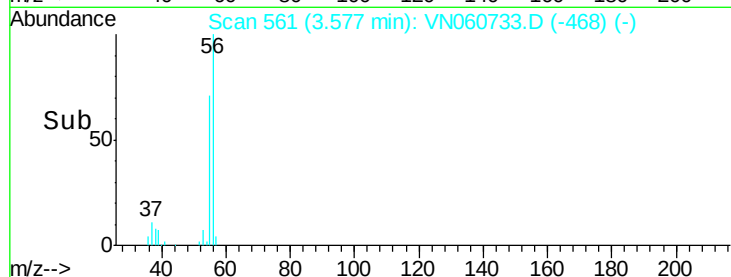
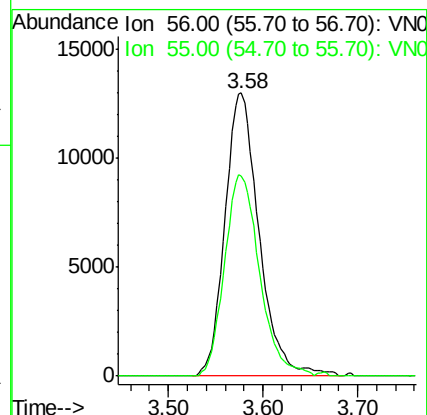
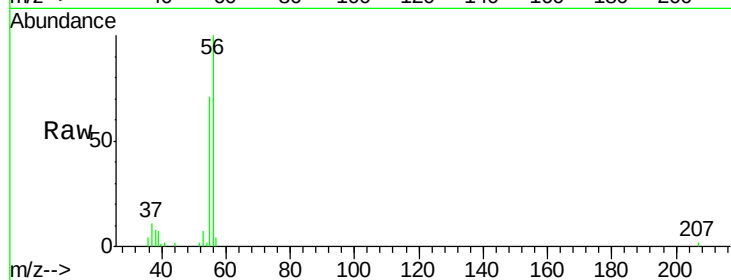
VN0327WBS01

Tot Ion: 56 Resp: 32558

Ion Ratio Lower Upper

56 100

55 73.0 56.7 85.1



#14

Allyl chloride

Concen: 18.363 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

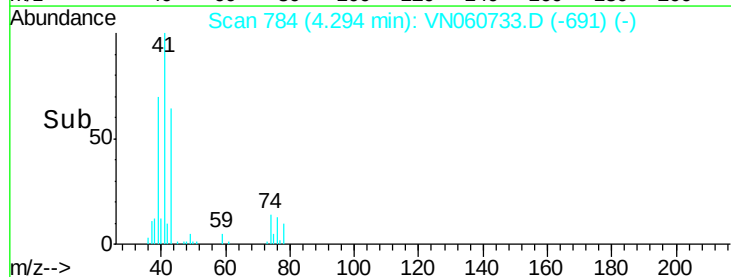
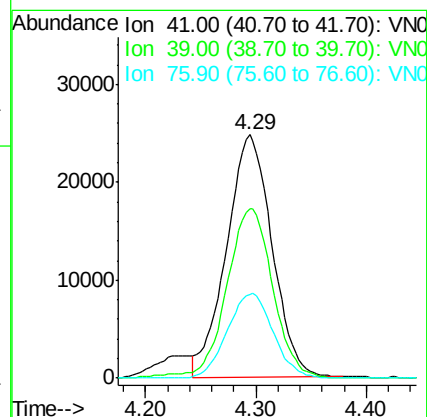
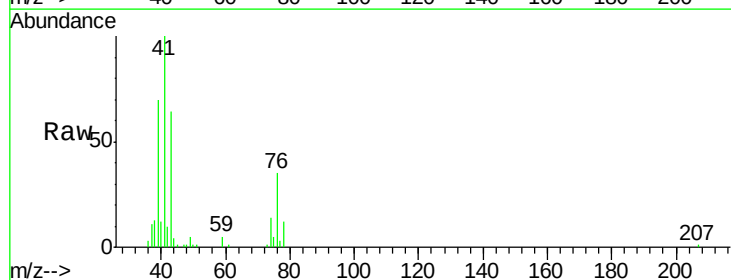
Tgt Ion: 41 Resp: 70710

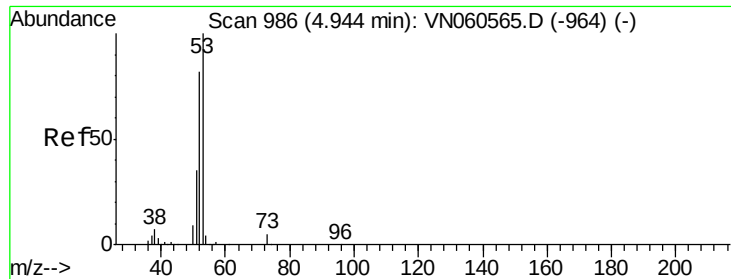
Ion Ratio Lower Upper

41 100

39 71.1 57.8 86.8

76 35.1 28.6 43.0





#15

Acrylonitrile

Concen: 90.595 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

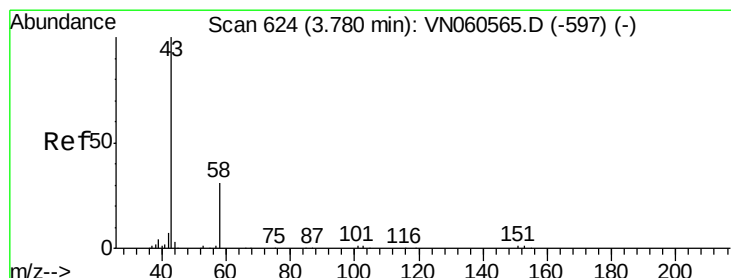
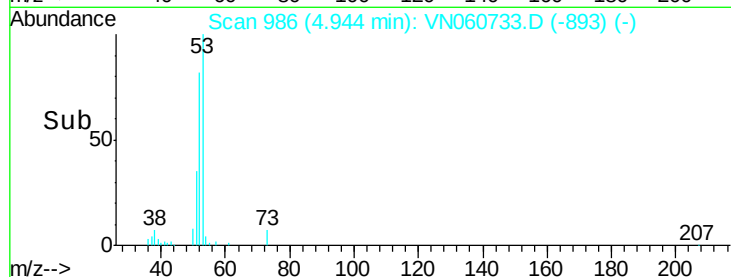
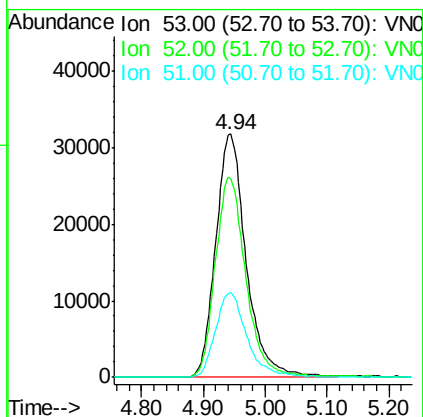
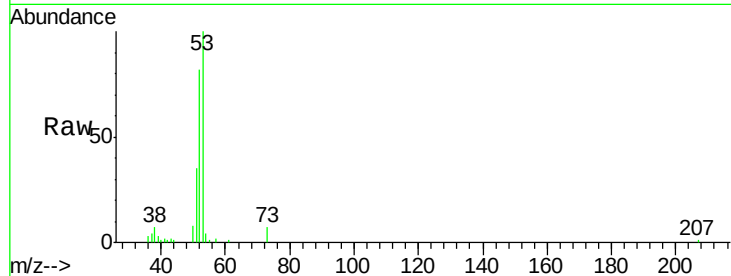
Tot Ion: 53 Resp: 108763

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.4

51 35.8 28.7 43.1



#16

Acetone

Concen: 103.609 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060733.D

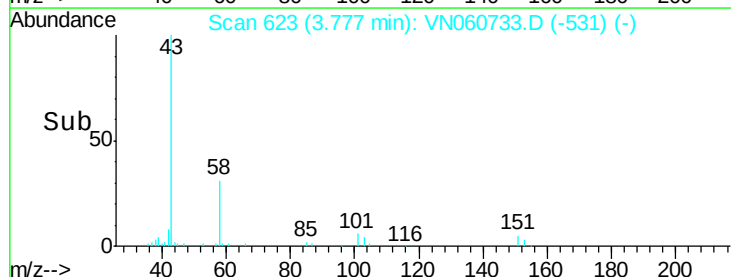
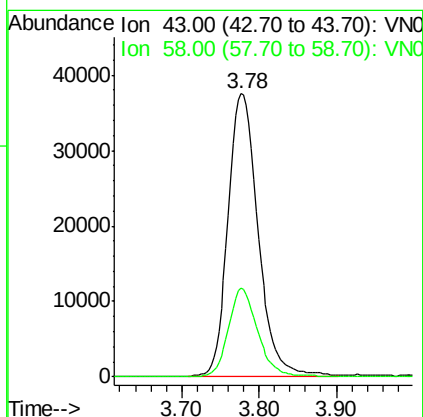
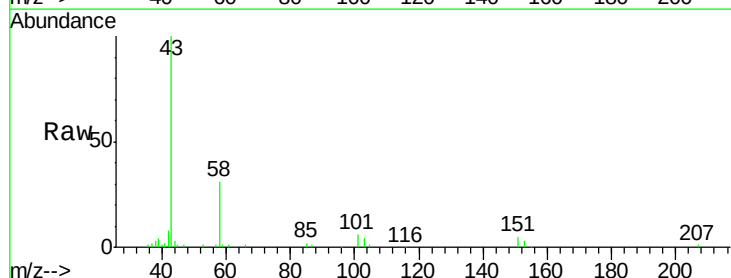
Acq: 27 Mar 2020 11:41

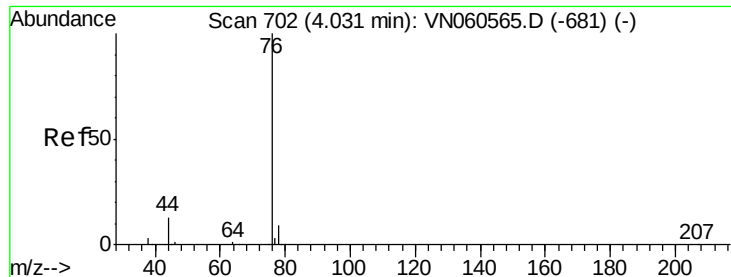
Tgt Ion: 43 Resp: 101882

Ion Ratio Lower Upper

43 100

58 31.3 25.1 37.7





#17

Carbon Disulfide

Concen: 17.502 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

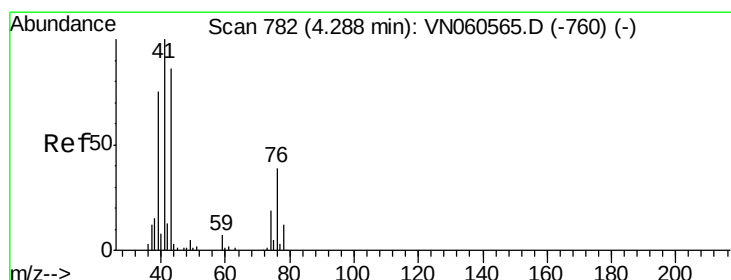
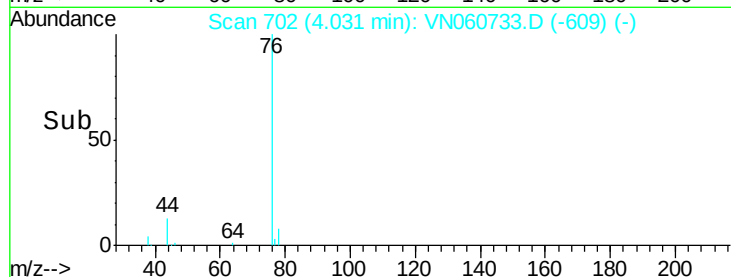
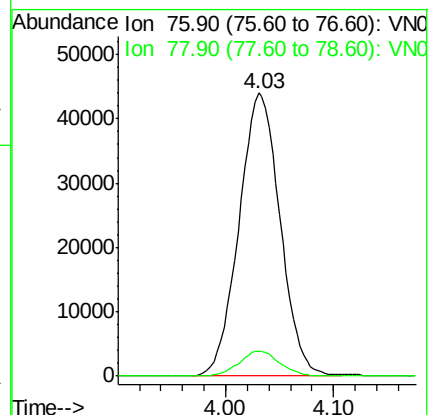
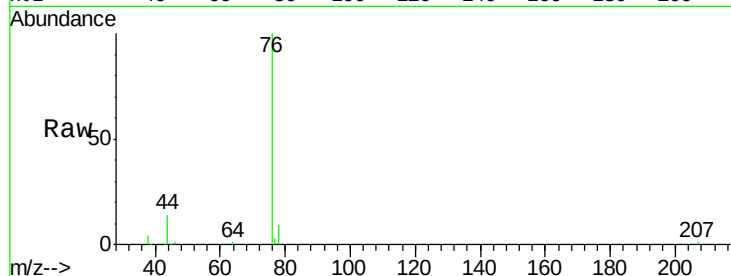
VN0327WBS01

Tot Ion: 76 Resp: 116539

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 18.404 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060733.D

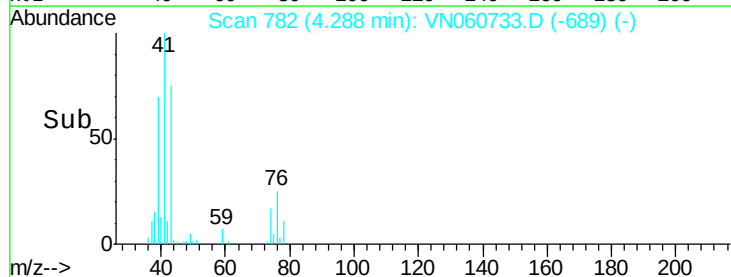
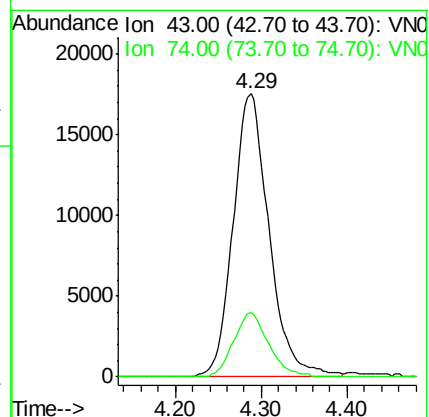
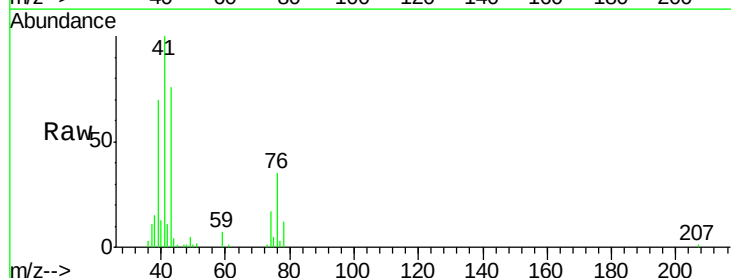
Acq: 27 Mar 2020 11:41

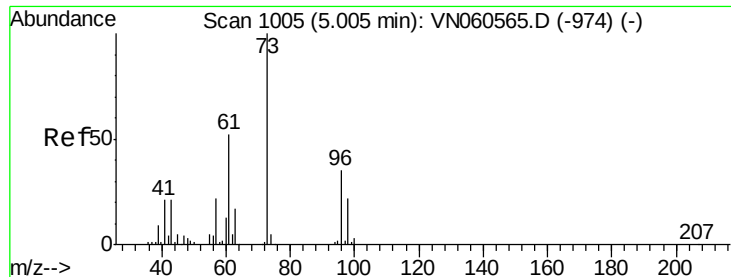
Tgt Ion: 43 Resp: 50938

Ion Ratio Lower Upper

43 100

74 22.0 17.5 26.3

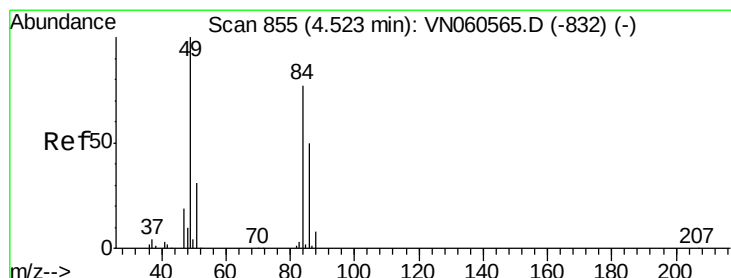
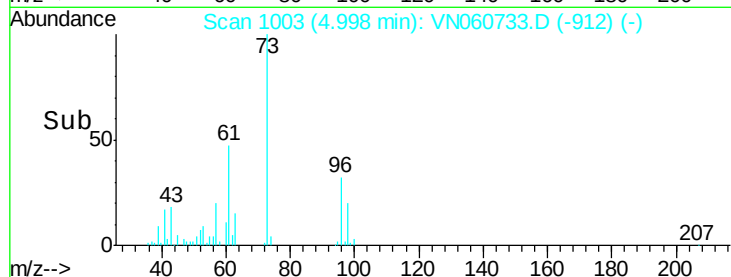
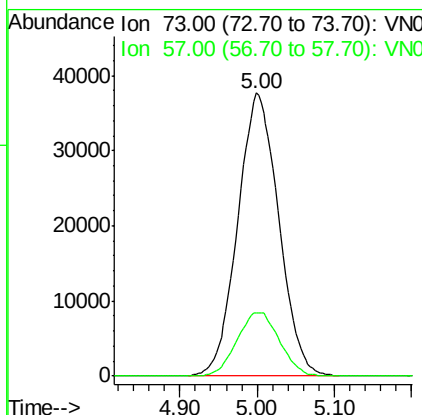
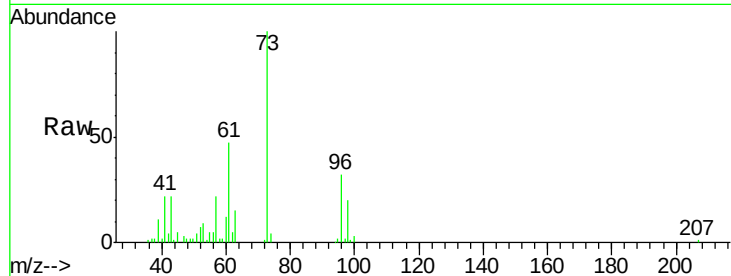




#19
Methyl tert-butyl Ether
Concen: 18.448 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

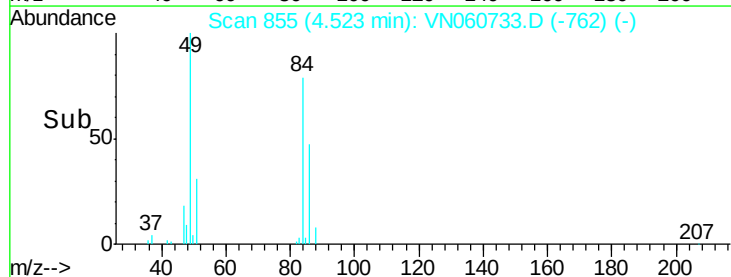
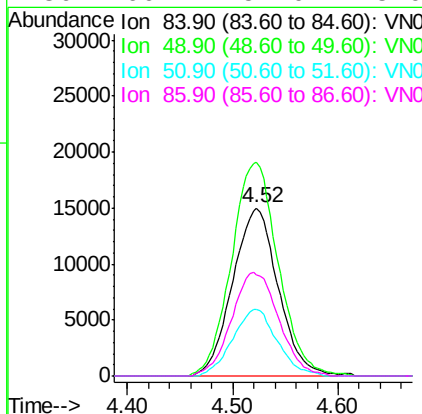
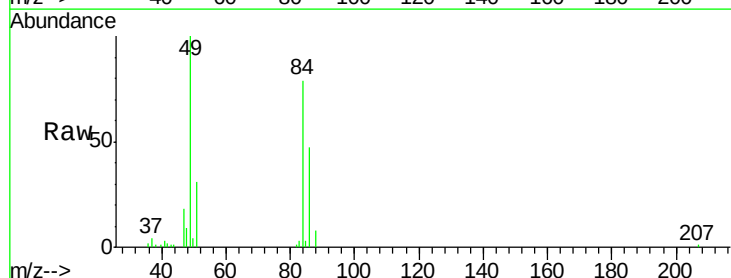
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

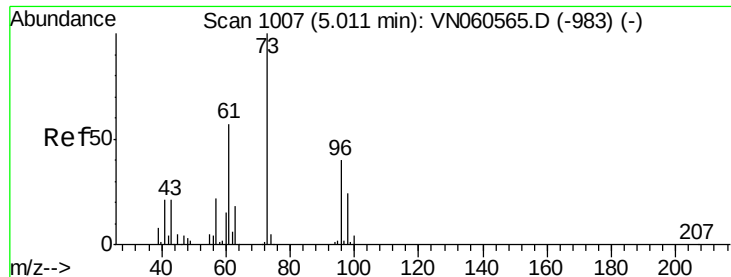
Tot Ion: 73 Resp: 138865
Ion Ratio Lower Upper
73 100
57 22.3 17.5 26.3



#20
Methylene Chloride
Concen: 18.638 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion: 84 Resp: 45085
Ion Ratio Lower Upper
84 100
49 127.1 103.3 154.9
51 39.8 31.6 47.4
86 60.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.091 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampled :

VN0327WBS01

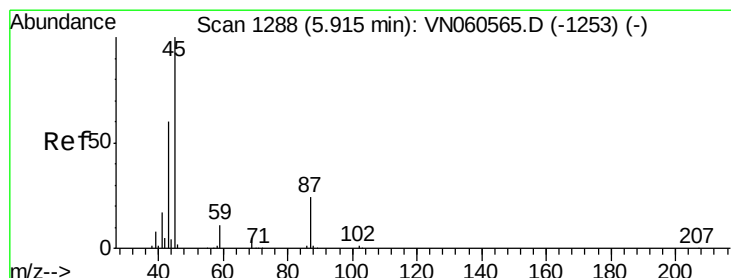
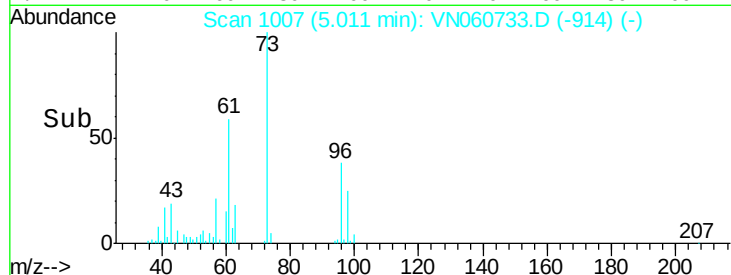
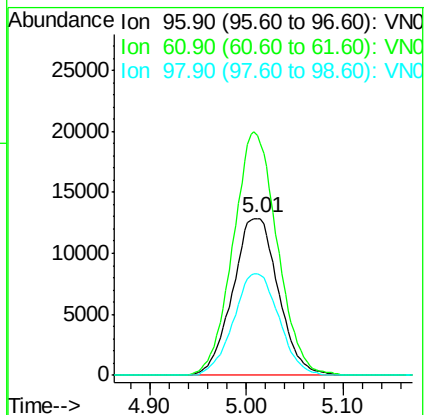
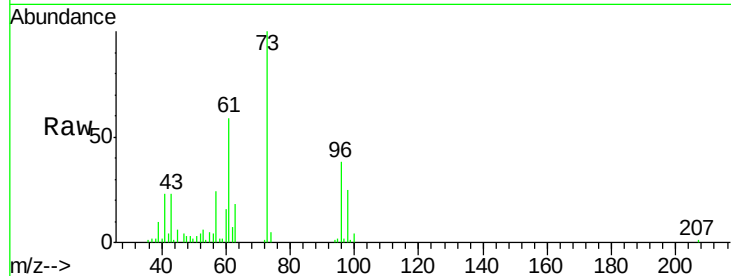
Tot Ion: 96 Resp: 42215

Ion Ratio Lower Upper

96 100

61 152.6 114.4 171.6

98 64.9 48.4 72.6



#22

Diisopropyl ether

Concen: 19.145 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Tgt Ion: 45 Resp: 155751

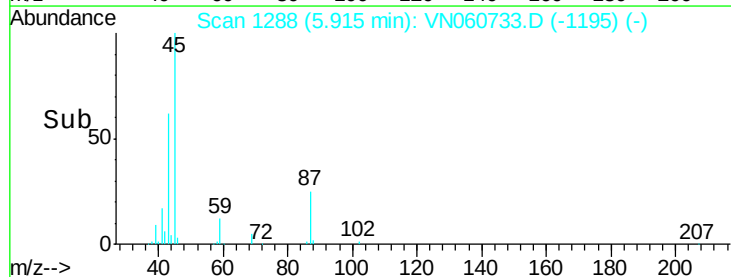
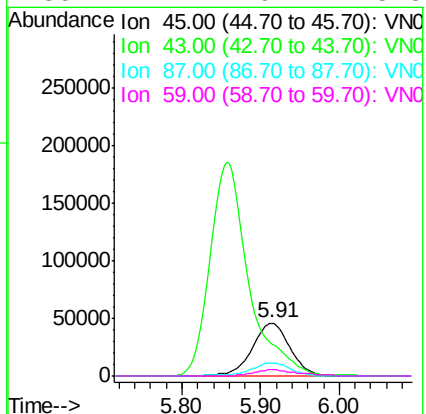
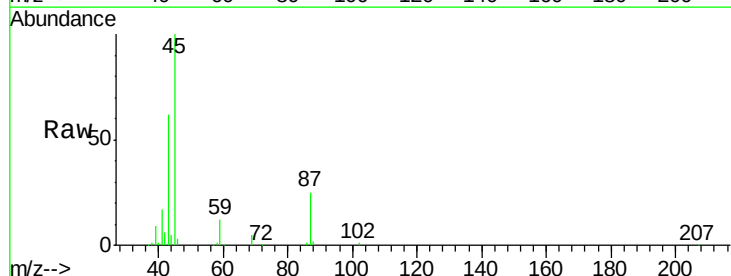
Ion Ratio Lower Upper

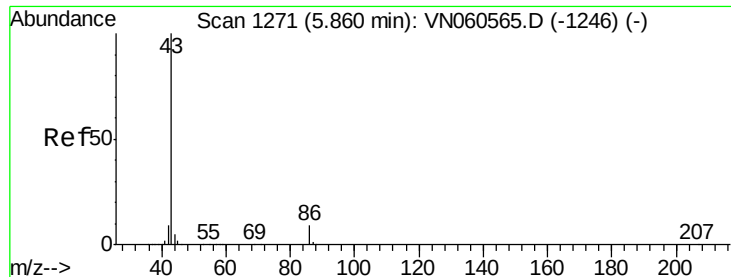
45 100

43 59.7 49.8 74.8

87 25.2 20.1 30.1

59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 94.979 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

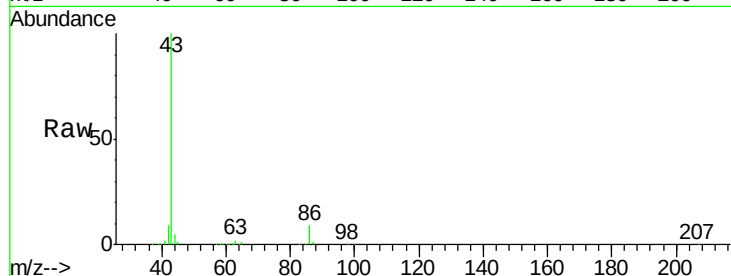
VN0327WBS01

Tot Ion: 43 Resp: 630454

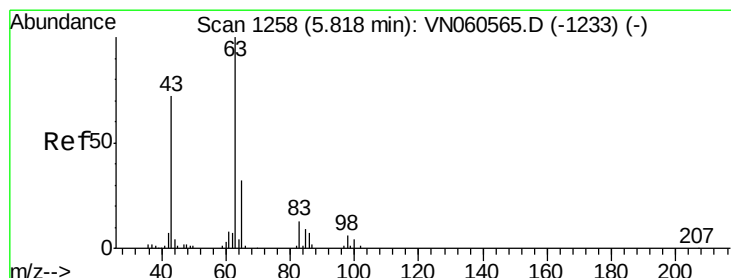
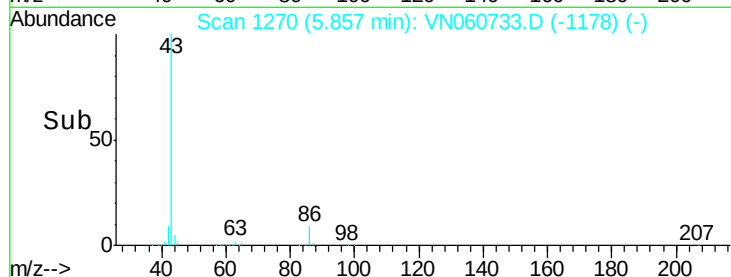
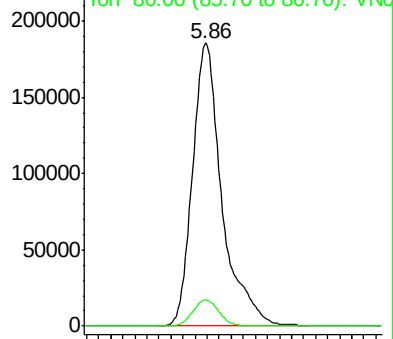
Ion Ratio Lower Upper

43 100

86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060733.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 19.038 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

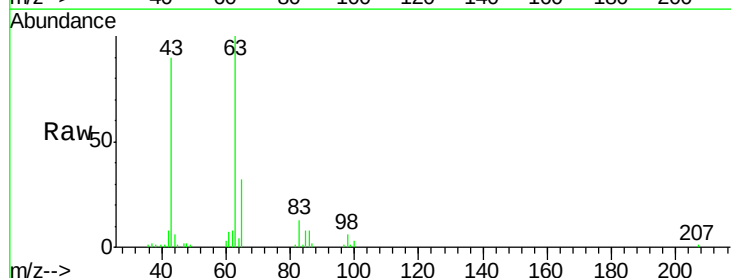
Tgt Ion: 63 Resp: 84433

Ion Ratio Lower Upper

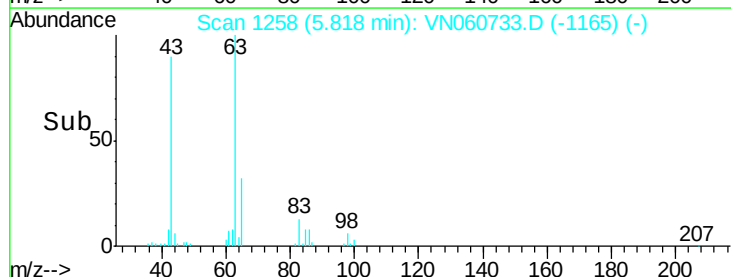
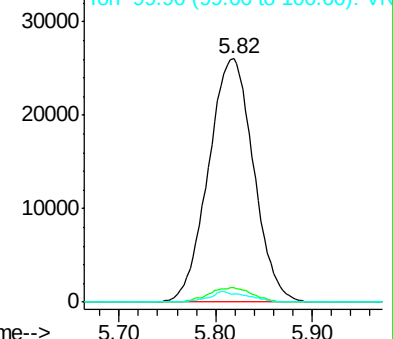
63 100

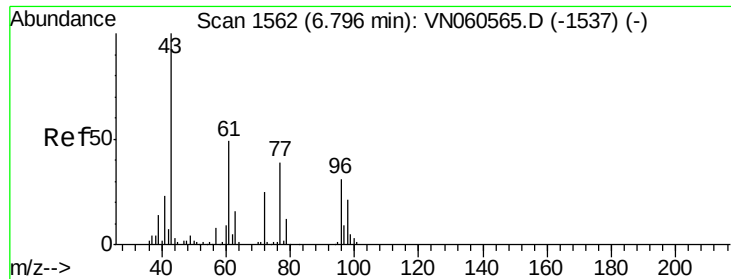
98 5.7 2.9 8.7

100 3.4 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060733.D (-1165) (-)

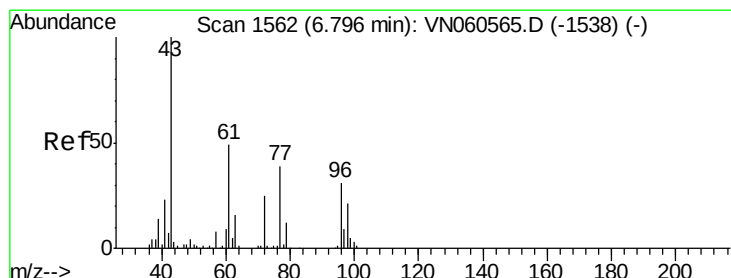
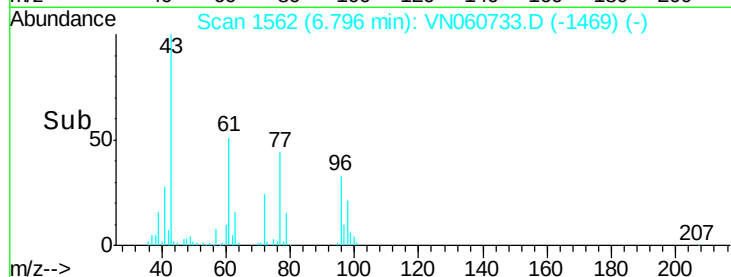
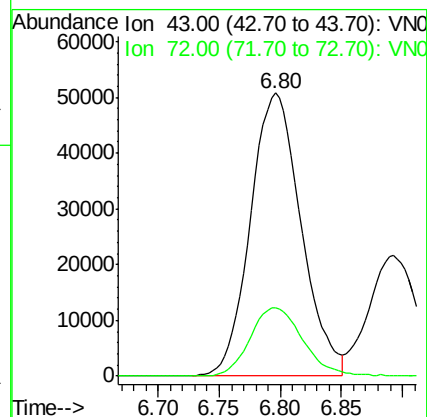
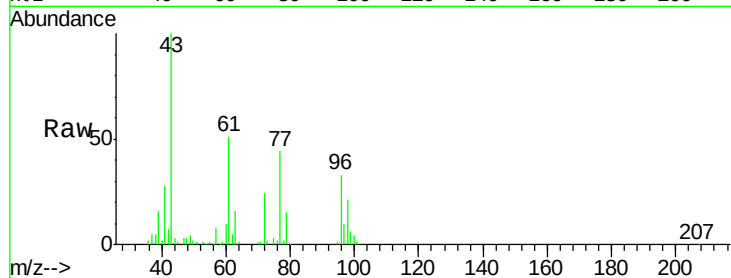




#25
 2-Butanone
 Concen: 91.969 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

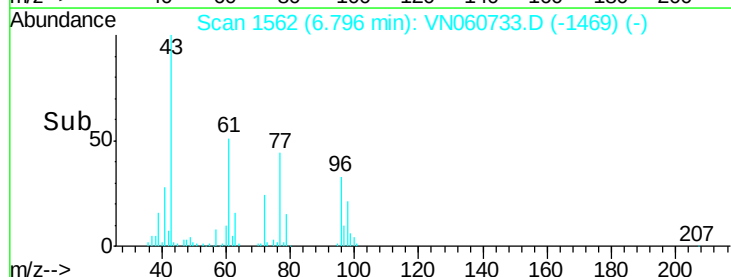
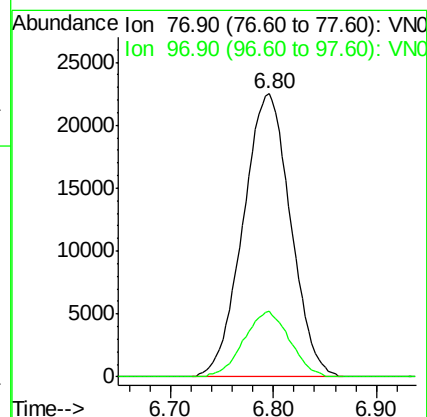
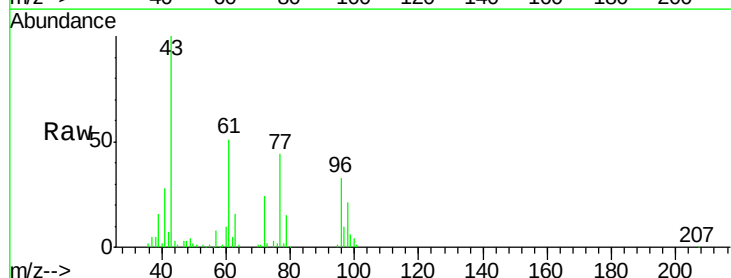
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

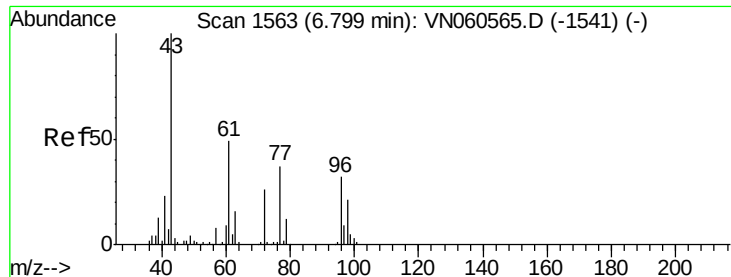
Tot Ion: 43 Resp: 146340
 Ion Ratio Lower Upper
 43 100
 72 24.1 20.4 30.6



#26
 2,2-Dichloropropane
 Concen: 20.629 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

Tgt Ion: 77 Resp: 71982
 Ion Ratio Lower Upper
 77 100
 97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.532 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

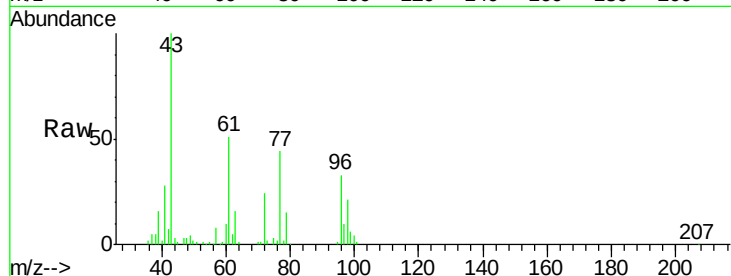
Tot Ion: 96 Resp: 49142

Ion Ratio Lower Upper

96 100

61 156.8 0.0 305.6

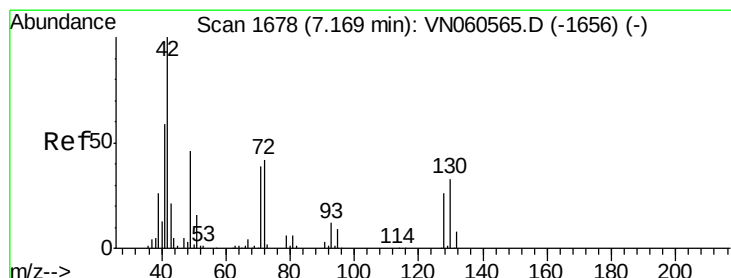
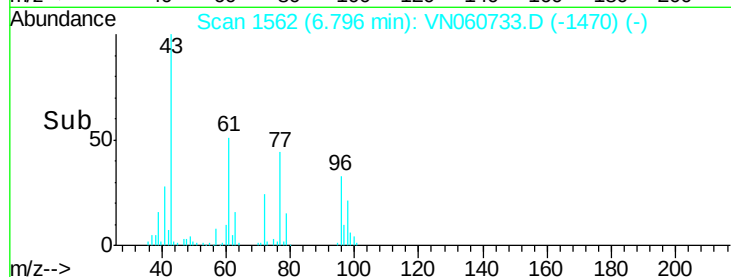
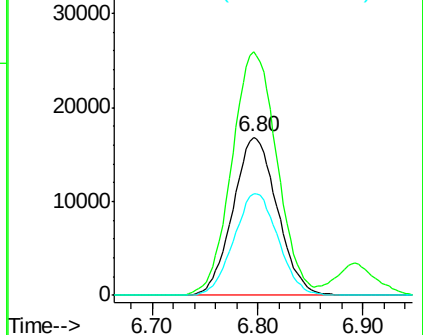
98 64.2 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.957 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

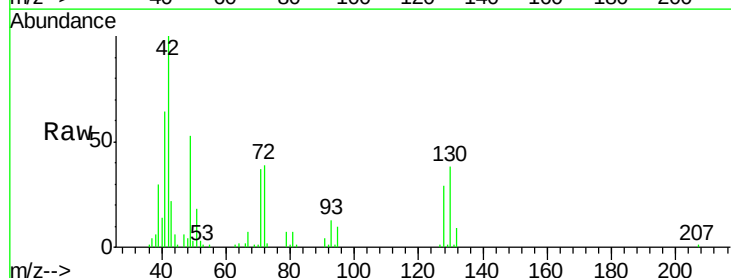
Tgt Ion: 49 Resp: 42347

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.4

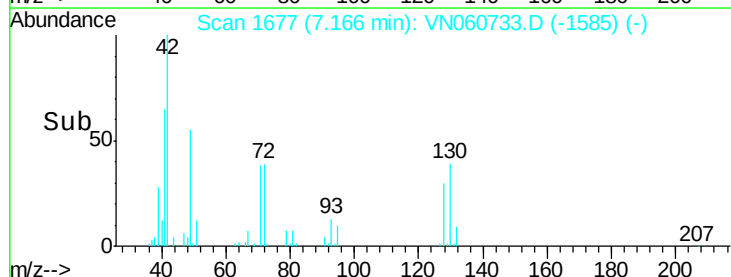
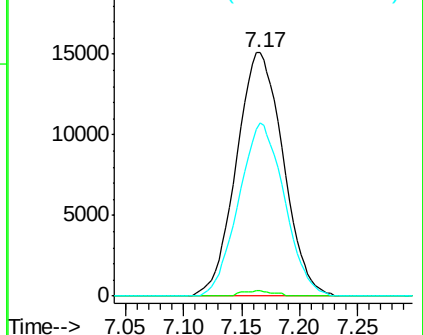
130 69.5 55.0 82.4

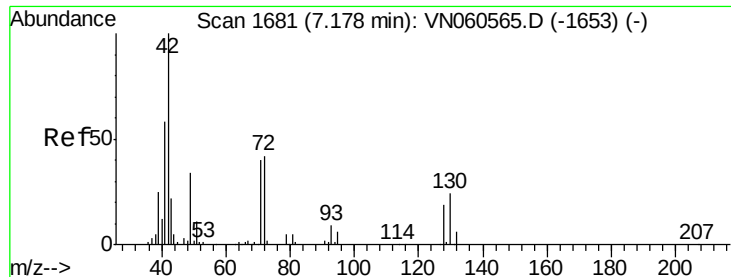


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

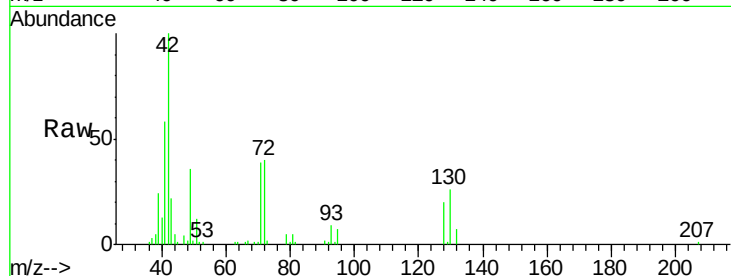




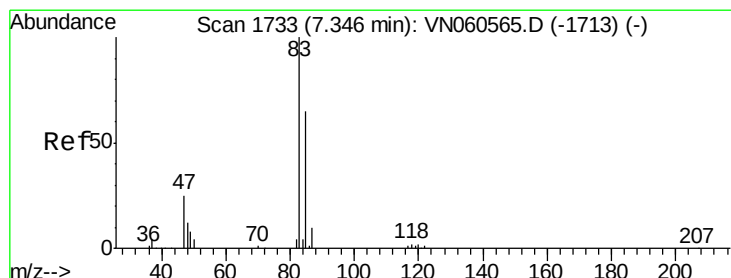
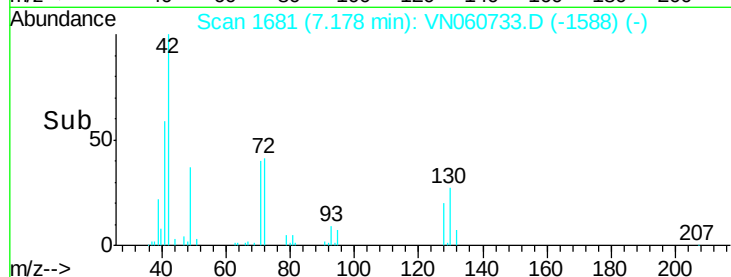
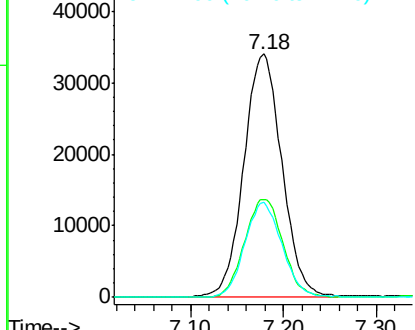
#29
Tetrahydrofuran
Concen: 86.552 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

Tot Ion: 42 Resp: 97443
Ion Ratio Lower Upper
42 100
72 40.4 33.2 49.8
71 37.9 31.1 46.7

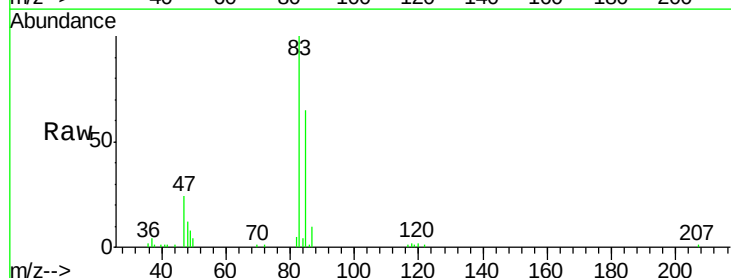


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

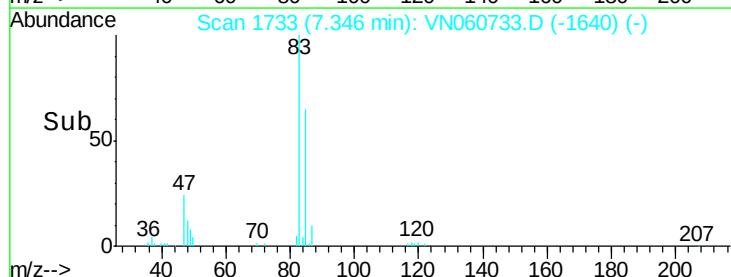
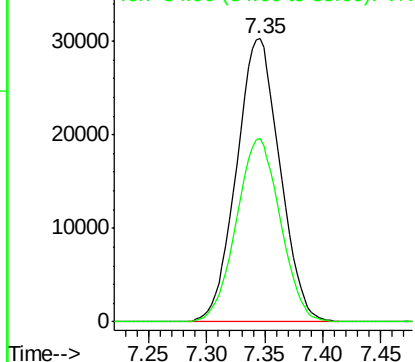


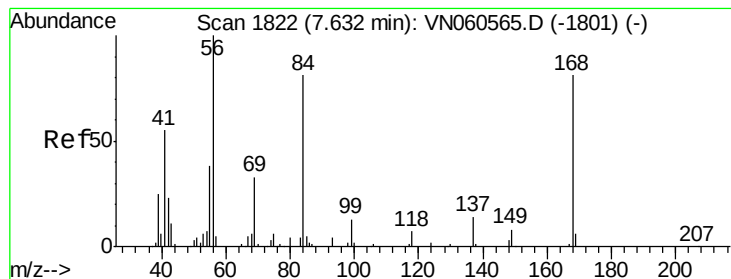
#30
Chloroform
Concen: 18.536 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion: 83 Resp: 78807
Ion Ratio Lower Upper
83 100
85 64.7 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: 18.262 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

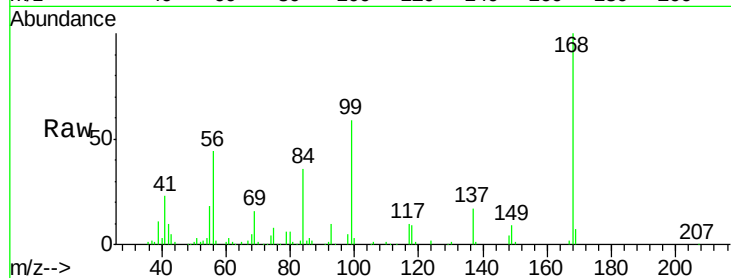
Tot Ion: 56 Resp: 81652

Ion Ratio Lower Upper

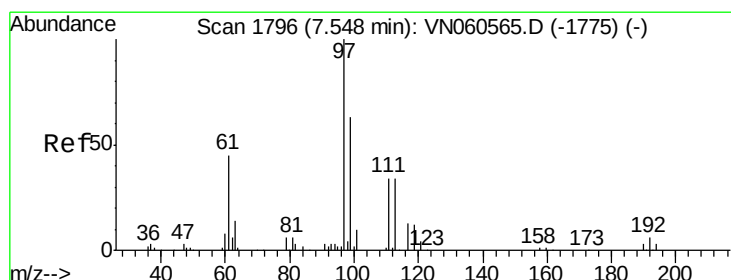
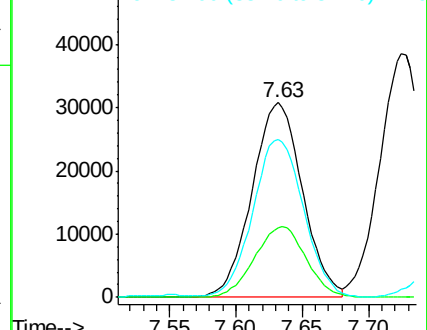
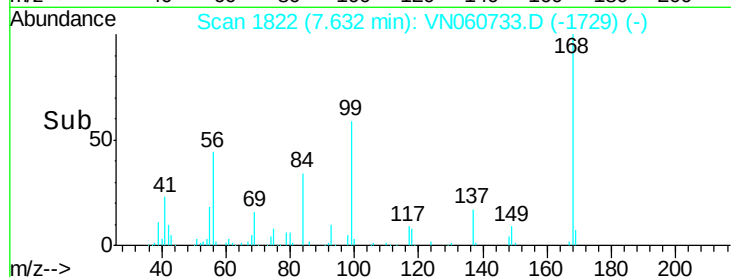
56 100

69 36.0 26.6 40.0

84 80.9 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060733.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 18.642 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

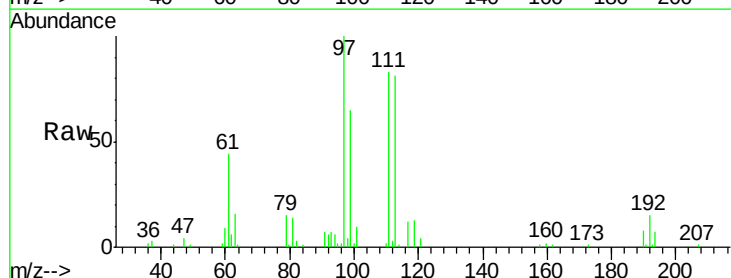
Tgt Ion: 97 Resp: 68327

Ion Ratio Lower Upper

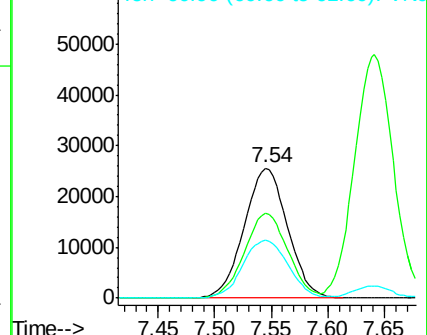
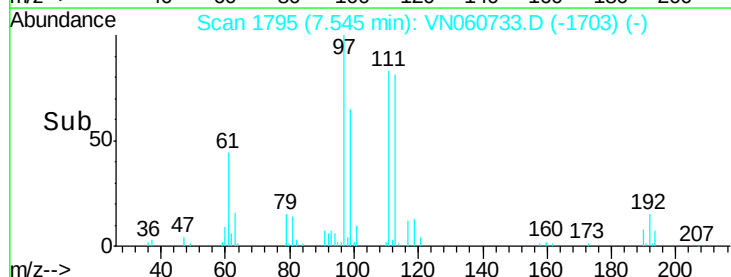
97 100

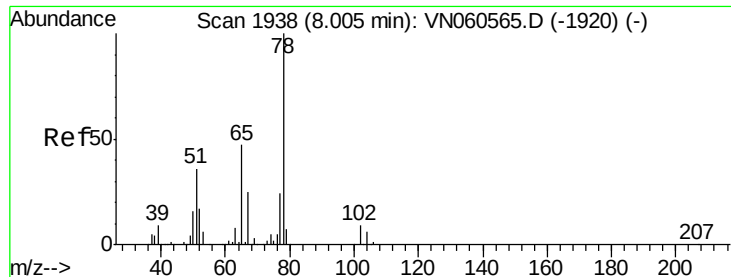
99 65.1 50.6 75.8

61 46.4 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN060733.D (-1703) (-)

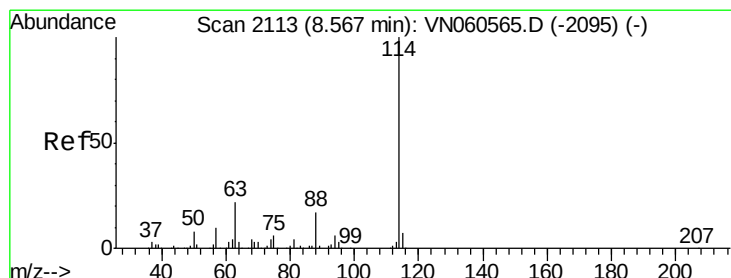
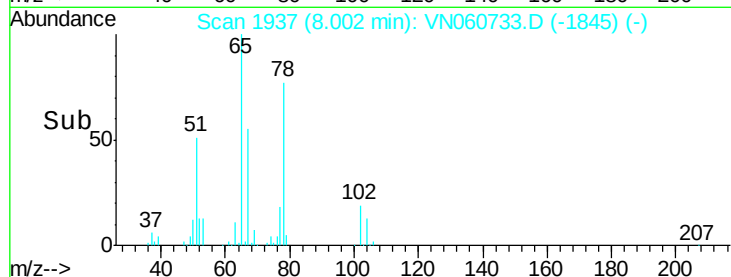
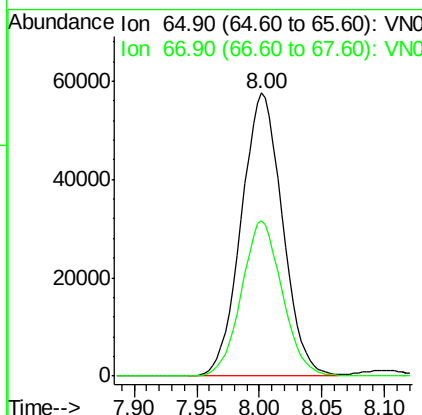
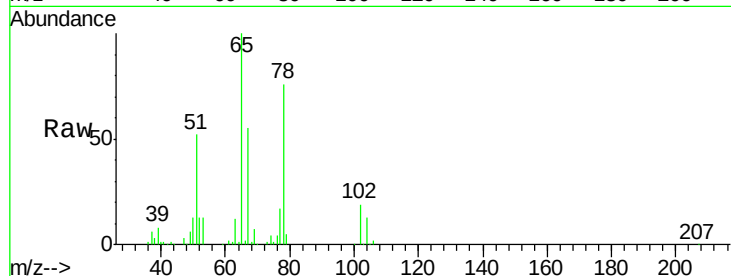




#33
 1,2-Dichloroethane-d4
 Concen: 47.427 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

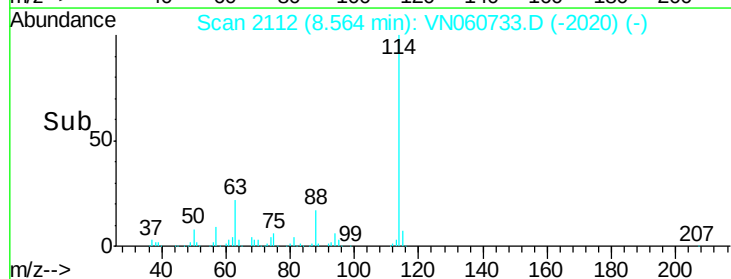
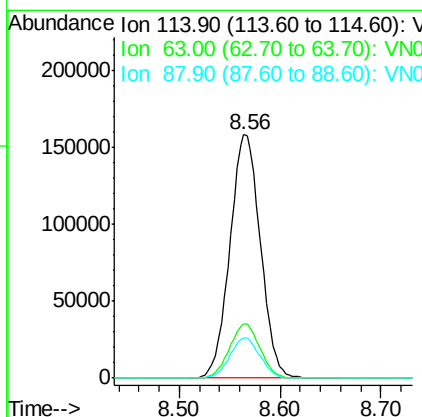
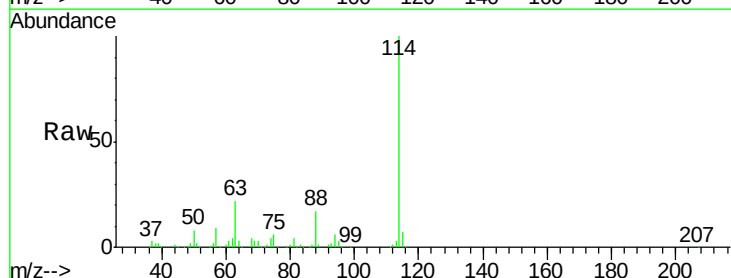
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

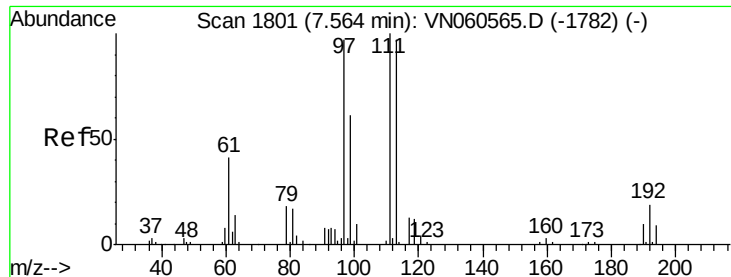
Tot Ion: 65 Resp: 131658
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

Tgt Ion: 114 Resp: 332001
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 16.5 0.0 33.0

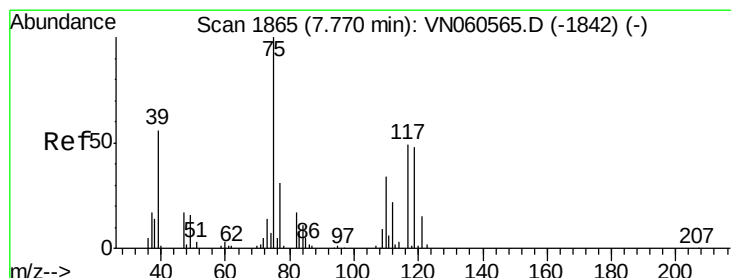
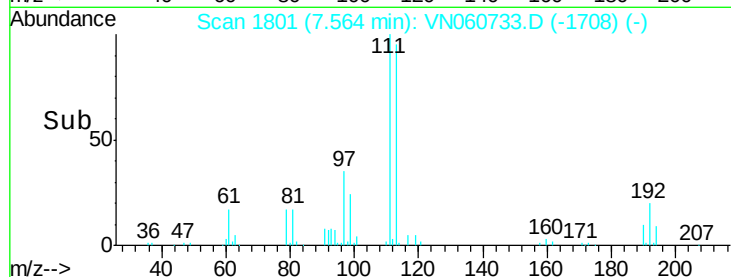
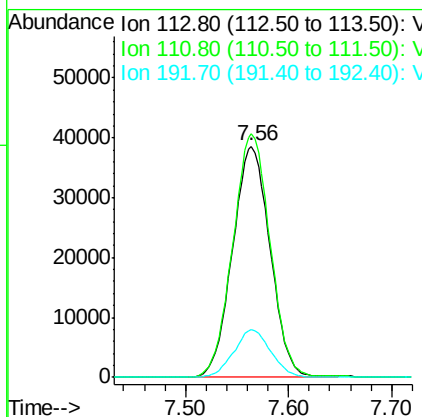
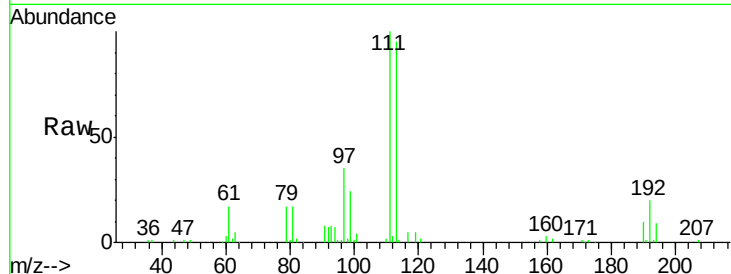




#35
 Dibromofluoromethane
 Concen: 48.842 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

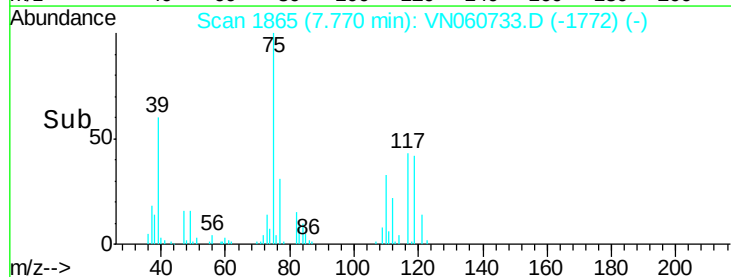
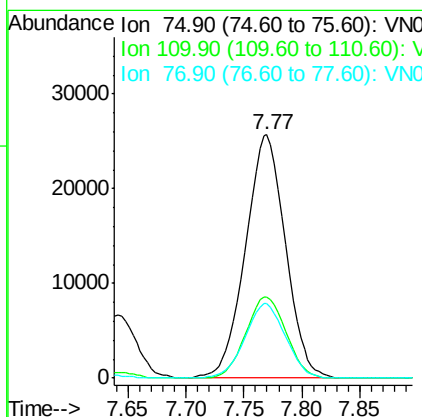
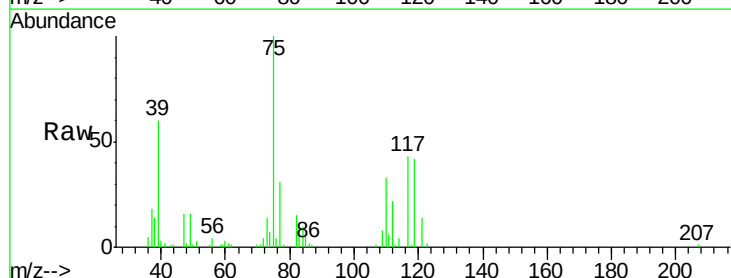
Instrument :
 MSVOA_N
 ClientSampled :
 VN0327WBS01

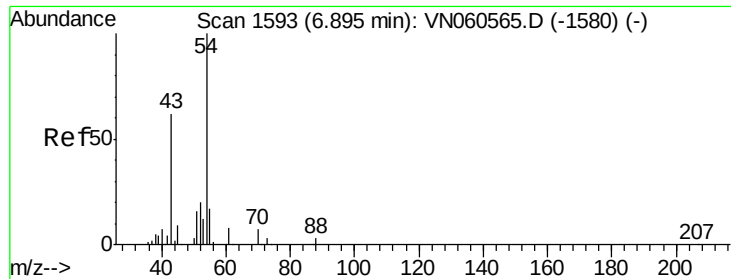
Tot Ion:113 Resp: 98050
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.9 124.3
 192 20.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 19.192 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

Tgt Ion: 75 Resp: 61699
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 31.1 24.6 36.8

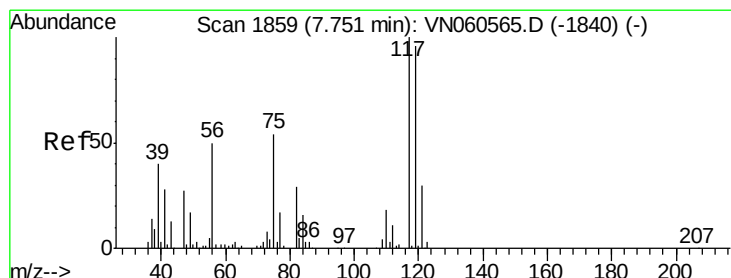
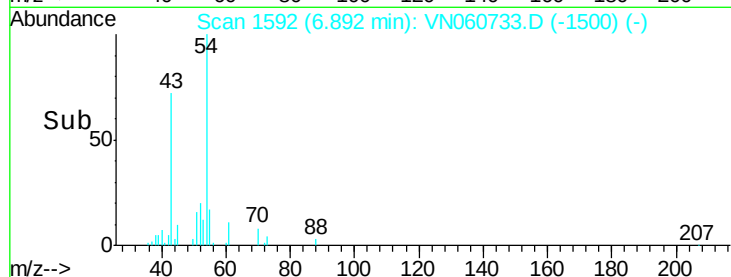
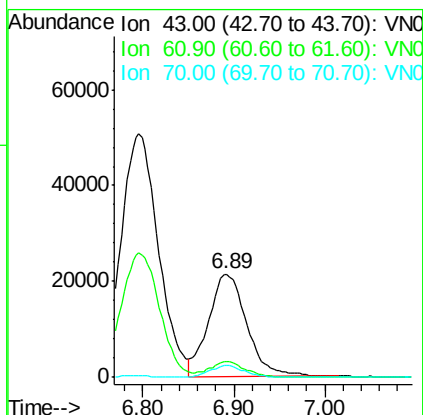
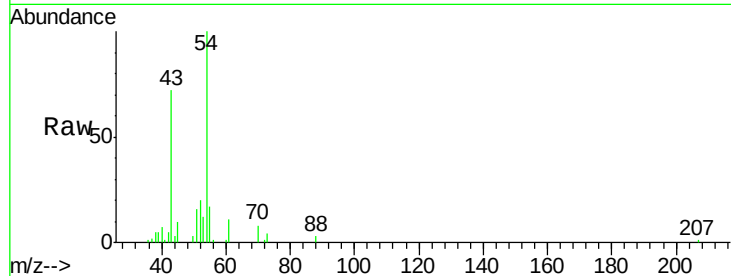




#37
Ethyl Acetate
Concen: 18.040 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

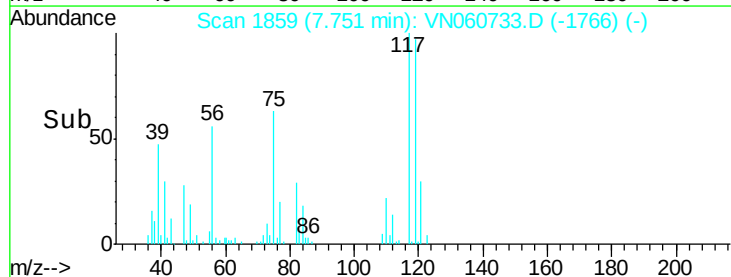
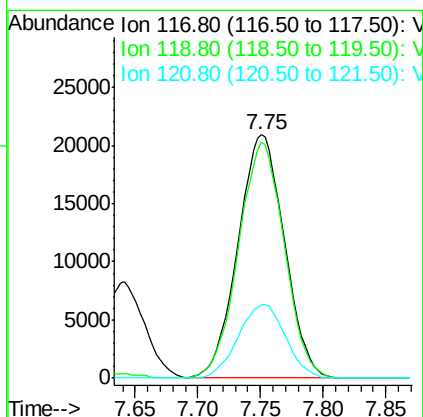
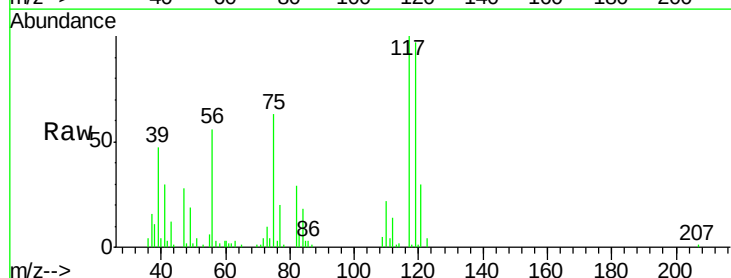
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

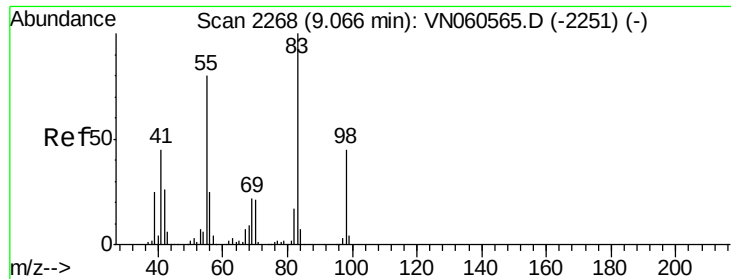
Tot Ion: 43 Resp: 62663
Ion Ratio Lower Upper
43 100
61 14.4 10.6 15.8
70 10.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.688 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion: 117 Resp: 53844
Ion Ratio Lower Upper
117 100
119 97.1 76.2 114.2
121 30.1 23.7 35.5

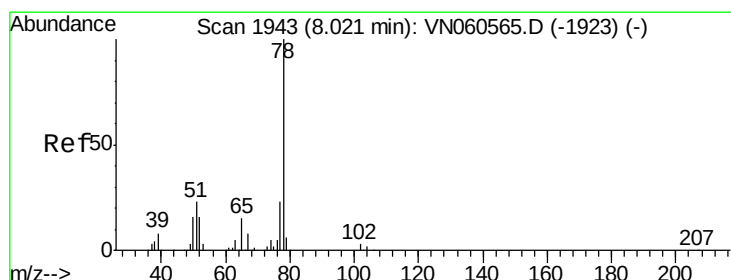
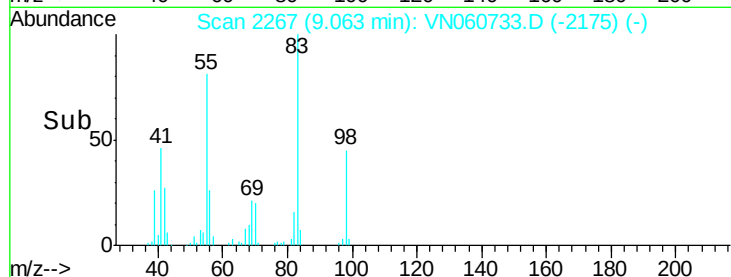
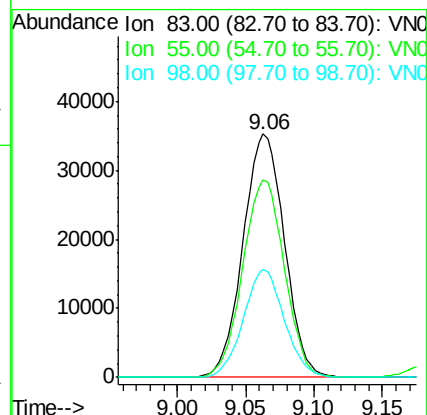
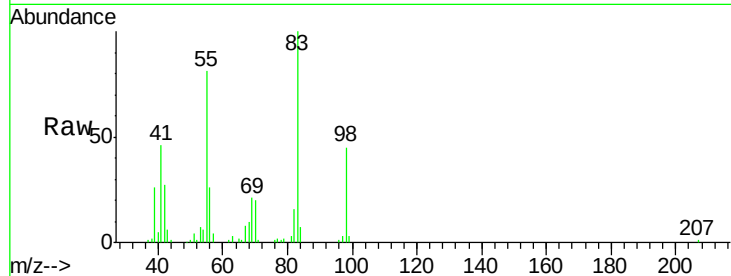




#39
Methylvlcyclohexane
Concen: 19.456 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

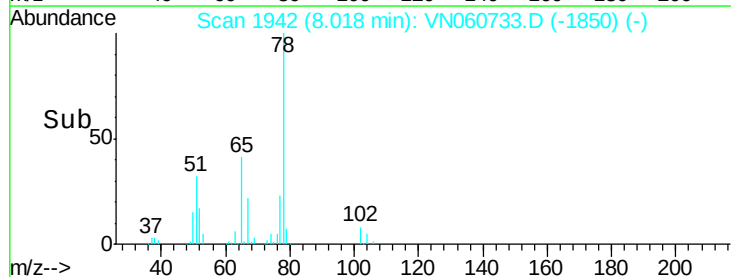
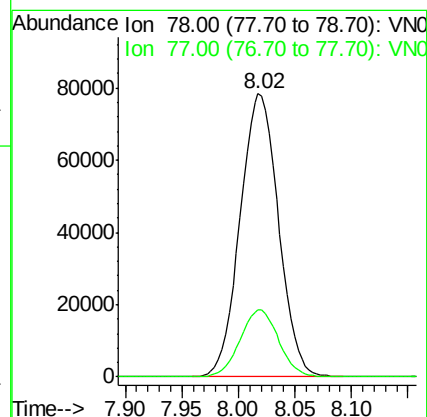
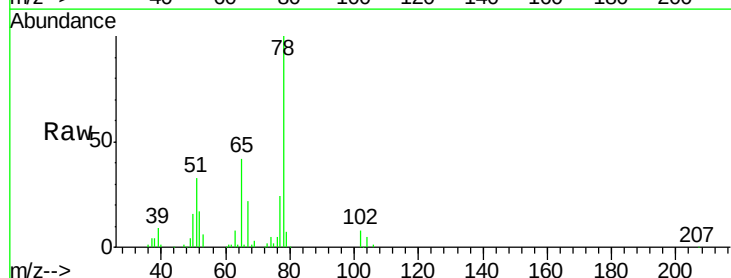
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

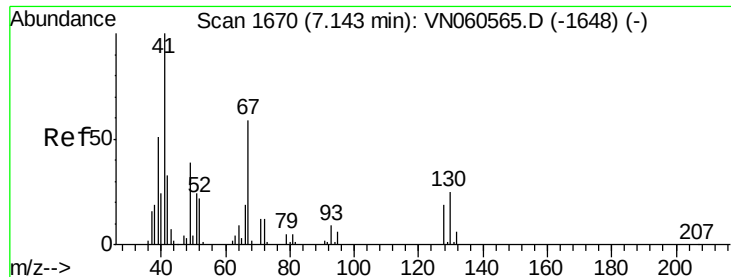
Tot Ion: 83 Resp: 74328
Ion Ratio Lower Upper
83 100
55 81.0 63.6 95.4
98 44.5 36.0 54.0



#40
Benzene
Concen: 19.077 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion: 78 Resp: 185138
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

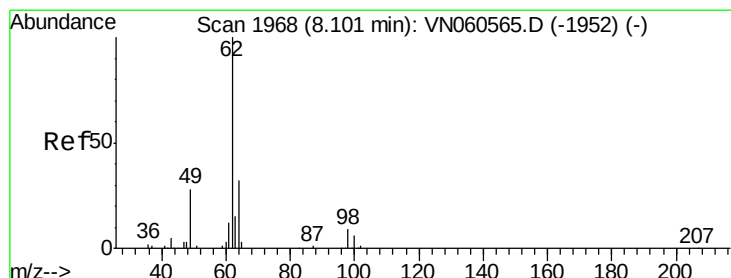
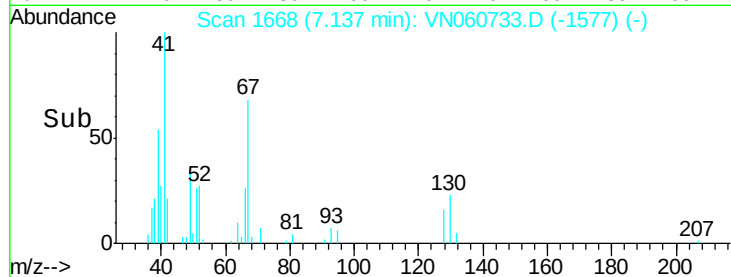
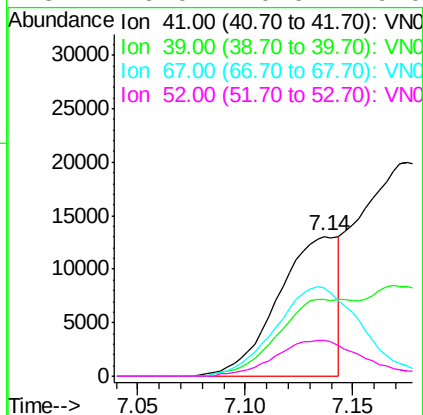
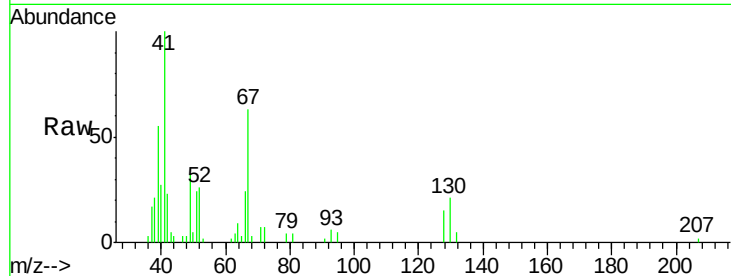




#41
Methacrylonitrile
Concen: 17.162 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

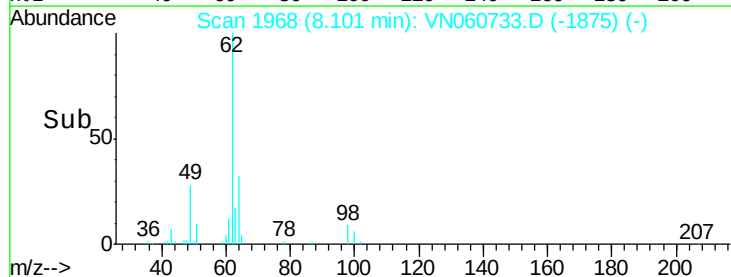
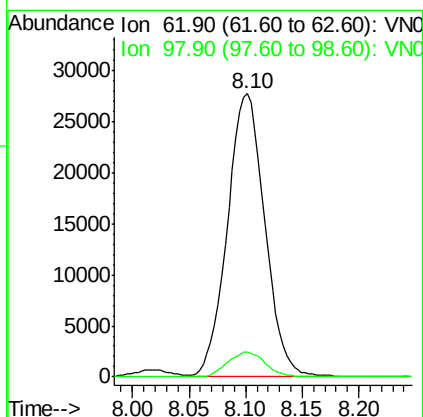
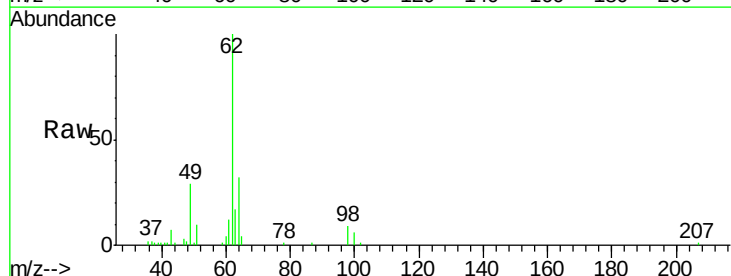
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

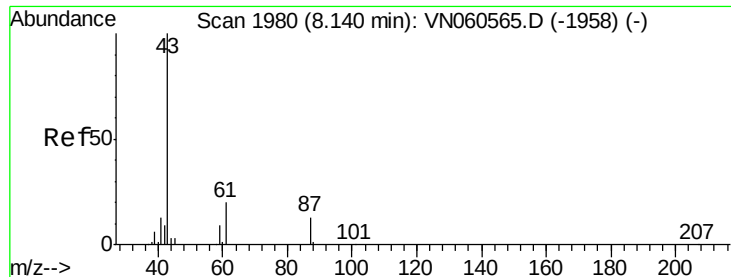
Tot Ion:	41	Resp:	25442
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.318 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion:	62	Resp:	64070
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.371 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

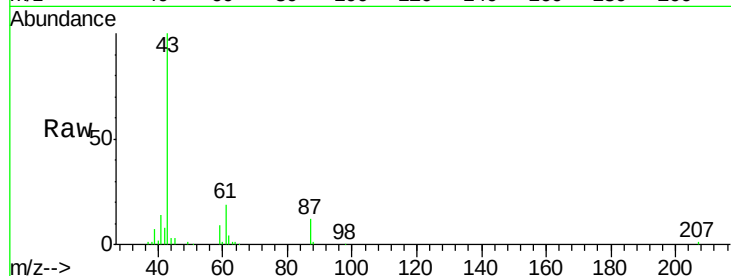
Tot Ion: 43 Resp: 105245

Ion Ratio Lower Upper

43 100

61 25.8 20.7 31.1

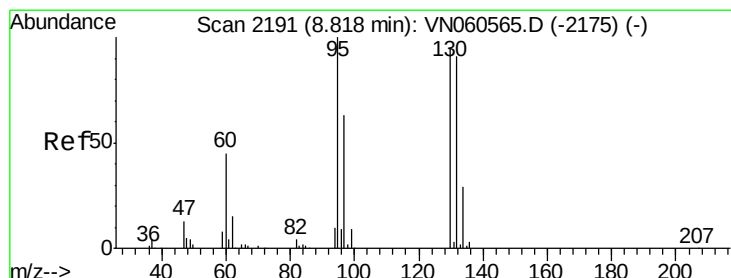
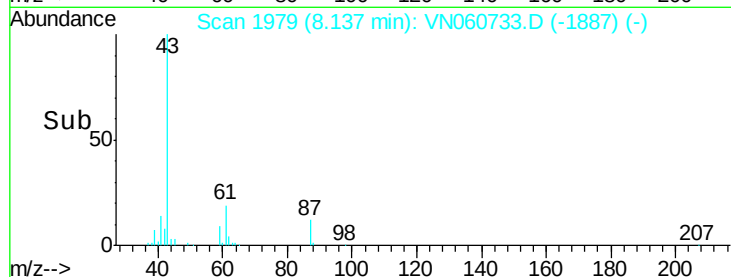
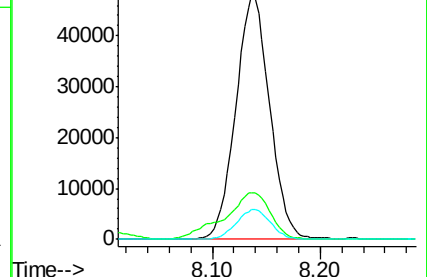
87 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060733.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060733.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060733.D (-1979) (-)



#44

Trichloroethene

Concen: 19.444 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060733.D

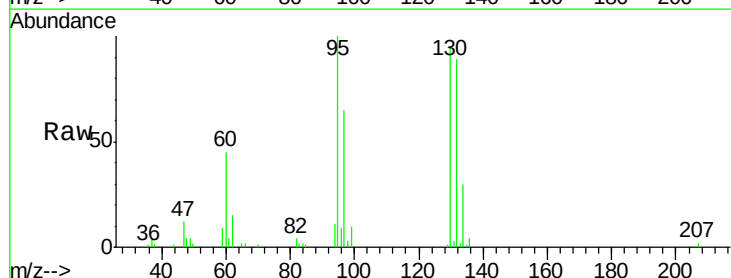
Acq: 27 Mar 2020 11:41

Tgt Ion:130 Resp: 47569

Ion Ratio Lower Upper

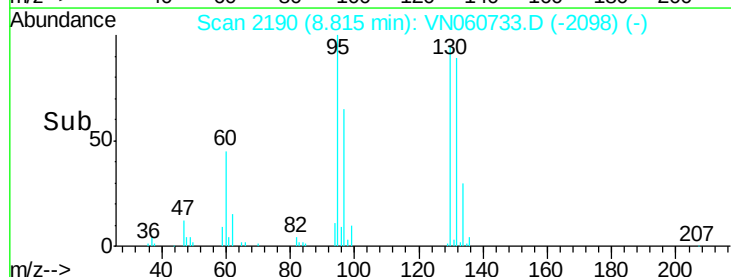
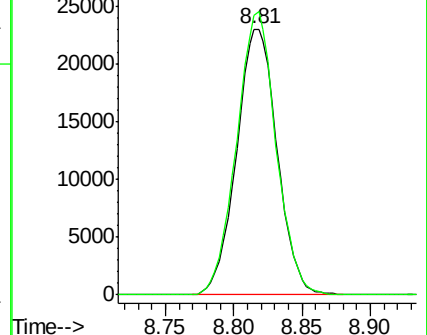
130 100

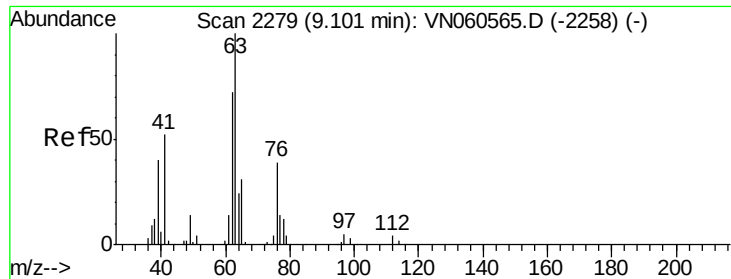
95 105.2 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060733.D (-2190) (-)

Ion 94.90 (94.60 to 95.60): VN060733.D (-2190) (-)

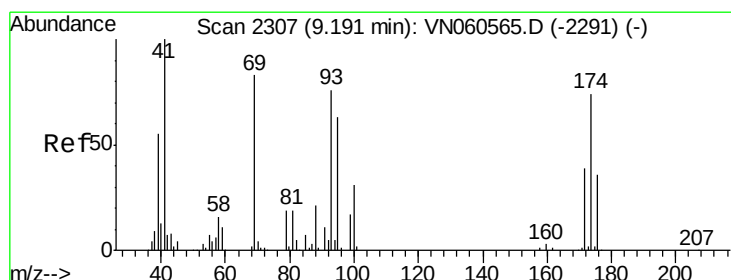
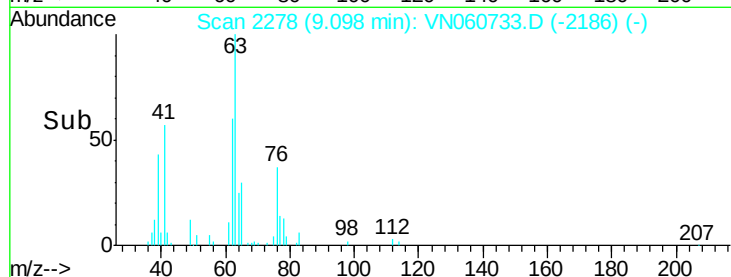
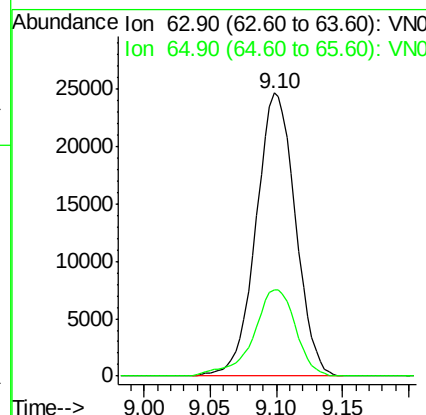
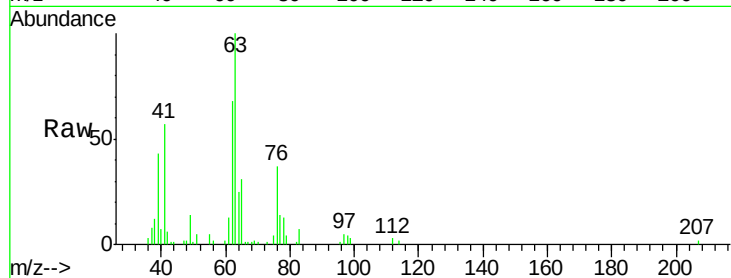




#45
 1,2-Dichloropropane
 Concen: 19.962 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

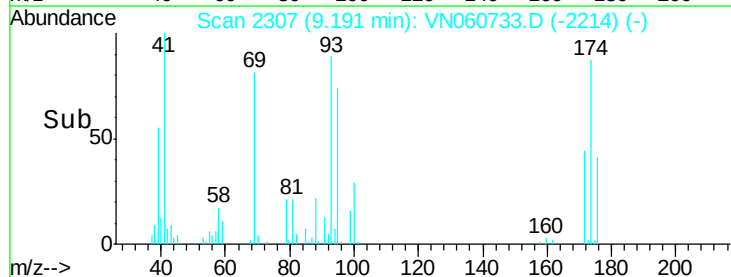
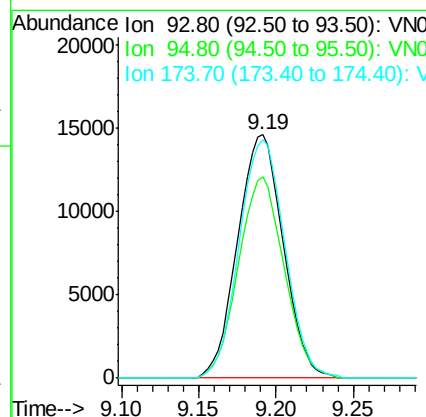
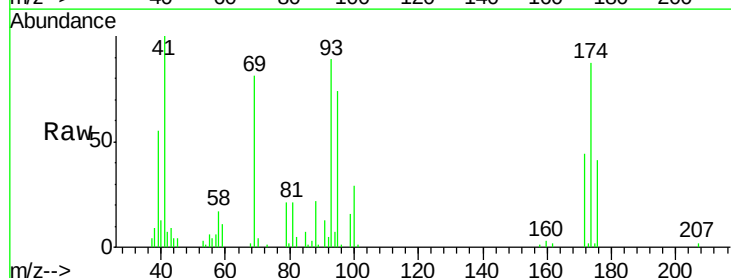
Instrument :
 MSVOA_N
 ClientSampled :
 VN0327WBS01

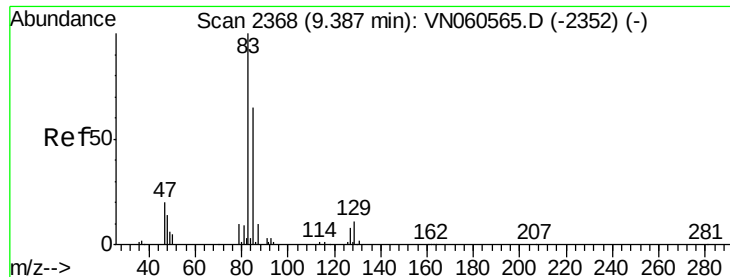
Tot Ion: 63 Resp: 51119
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.0



#46
 Dibromomethane
 Concen: 19.337 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

Tgt Ion: 93 Resp: 29936
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.4
 174 98.3 77.9 116.9





#47

Bromodichloromethane

Concen: 18.937 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

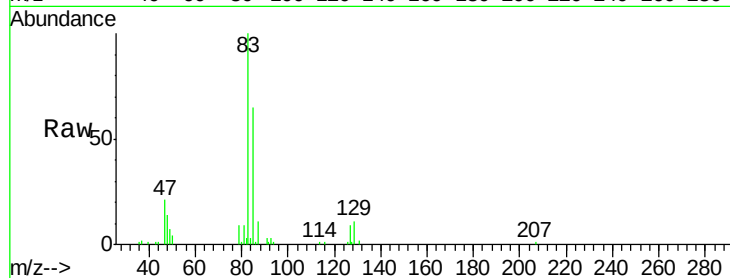
Tot Ion: 83 Resp: 60921

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6

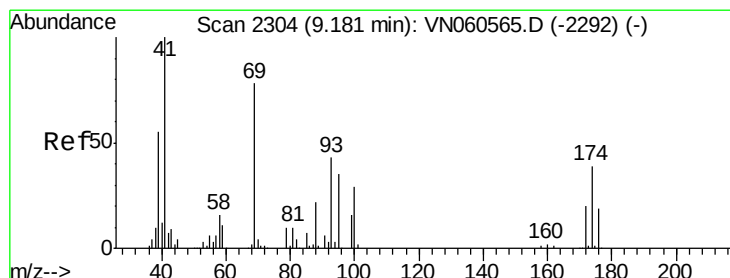
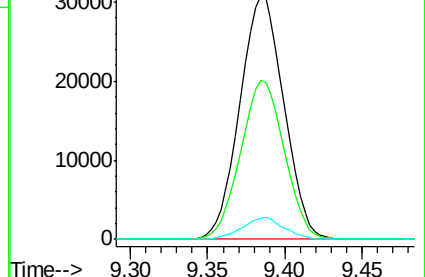
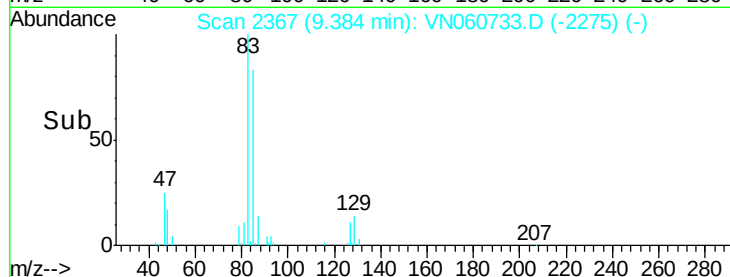
127 8.8 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060733.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060733.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060733.D (-2275) (-)



#48

Methyl methacrylate

Concen: 17.782 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

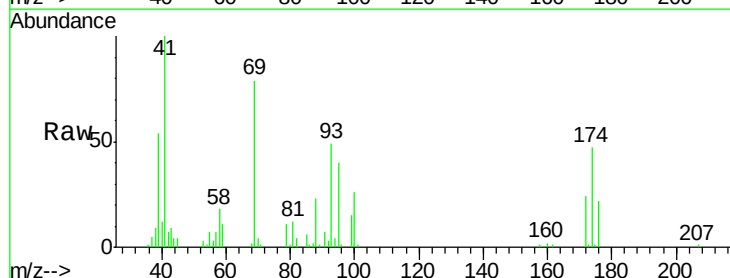
Tgt Ion: 41 Resp: 45355

Ion Ratio Lower Upper

41 100

69 82.3 65.4 98.0

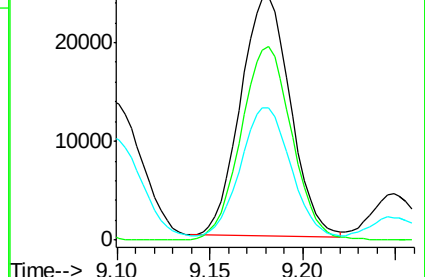
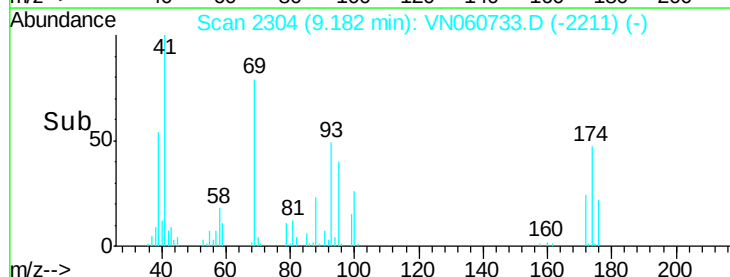
39 57.3 44.0 66.0

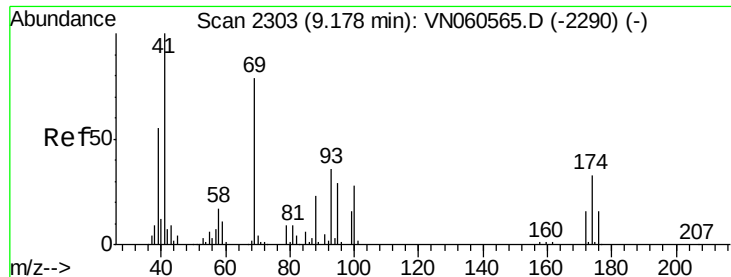


Abundance Ion 41.00 (40.70 to 41.70): VN060733.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060733.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060733.D (-2211) (-)

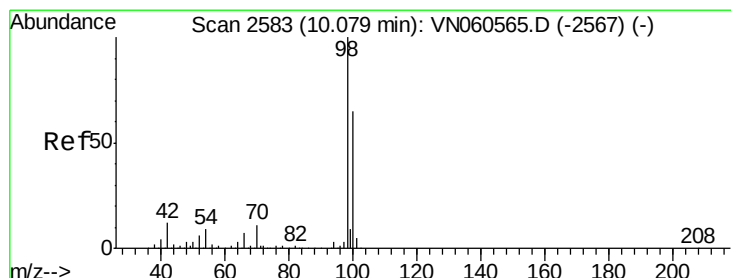
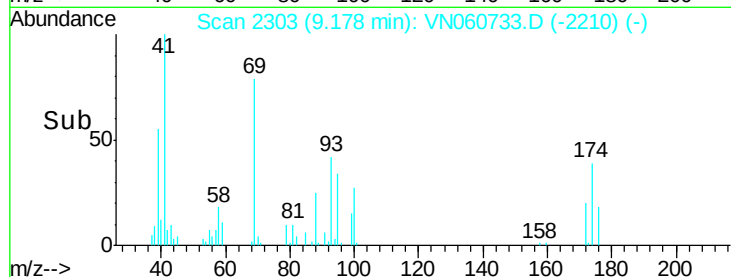
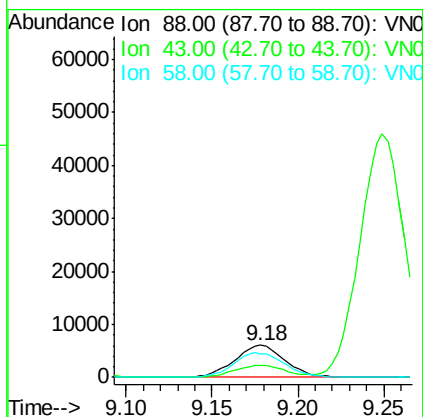
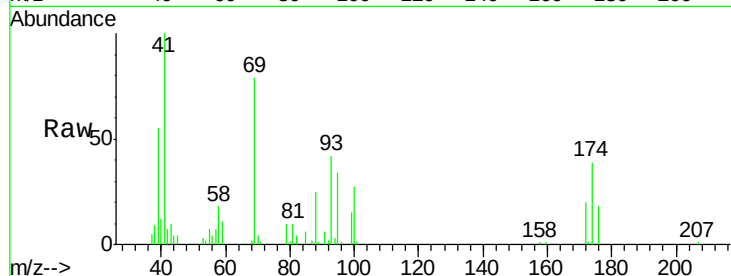




#49
1,4-Dioxane
Concen: 401.625 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

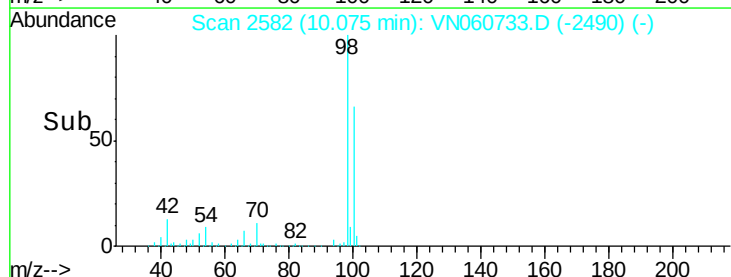
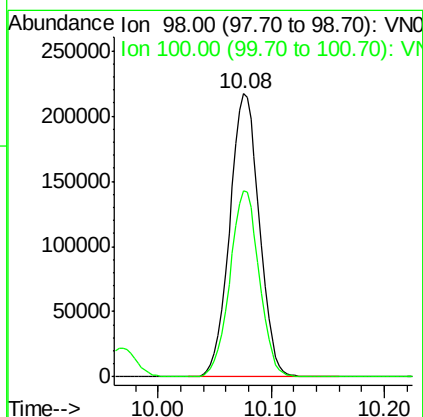
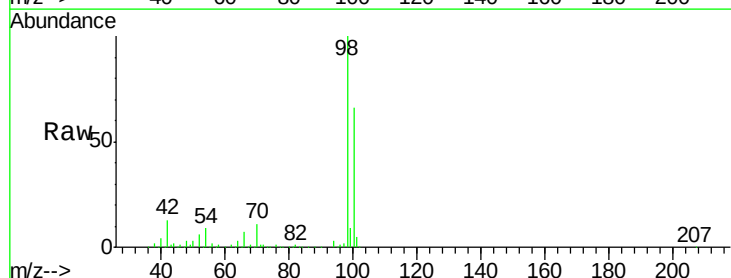
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

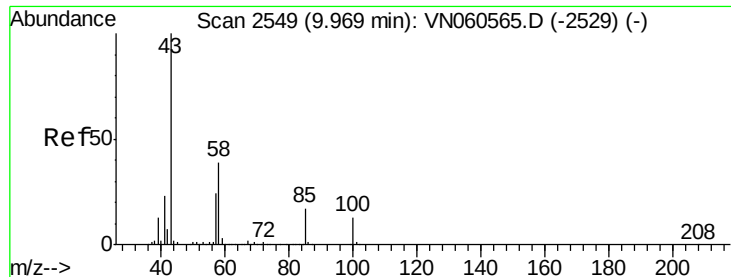
Tot Ion: 88 Resp: 12176
Ion Ratio Lower Upper
88 100
43 39.8 30.8 46.2
58 77.0 59.8 89.8



#50
Toluene-d8
Concen: 48.151 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion: 98 Resp: 394832
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8

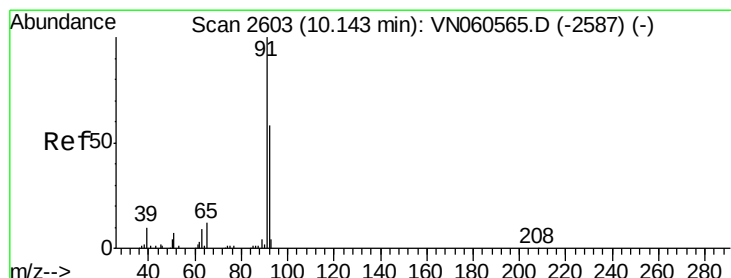
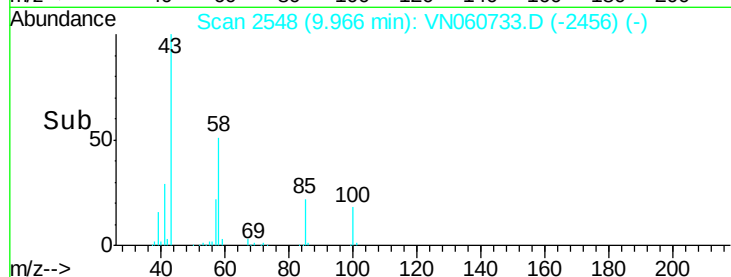
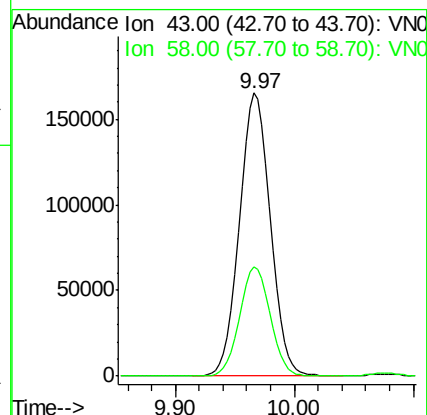
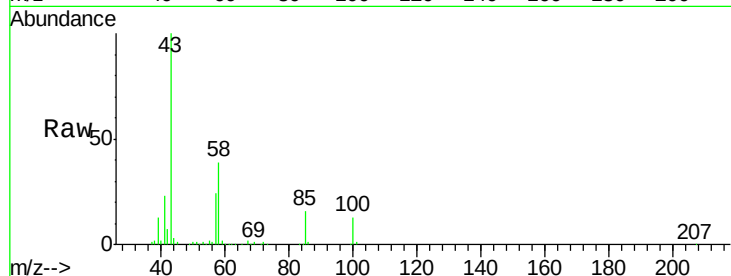




#51
4-Methyl-2-Pentanone
Concen: 91.313 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

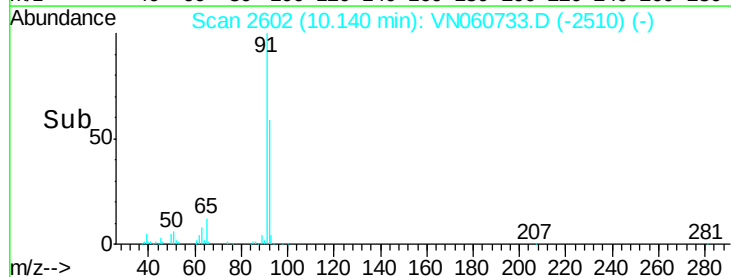
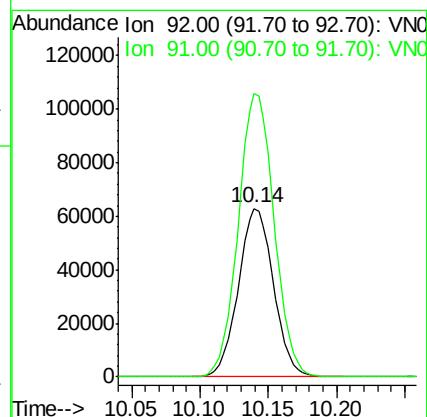
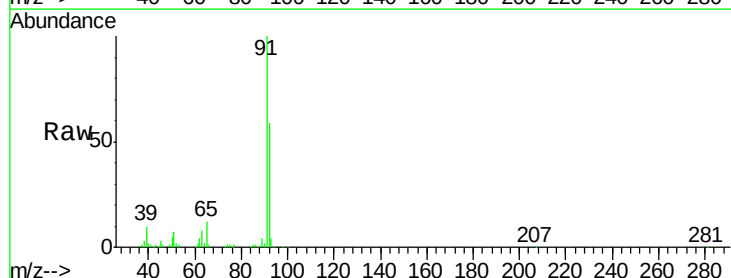
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

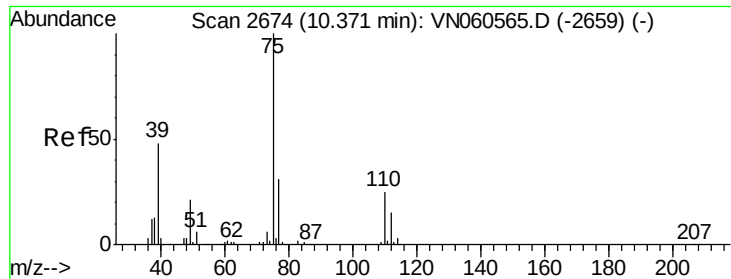
Tot Ion: 43 Resp: 297672
Ion Ratio Lower Upper
43 100
58 38.2 30.8 46.2



#52
Toluene
Concen: 19.207 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion: 92 Resp: 112573
Ion Ratio Lower Upper
92 100
91 171.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.272 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

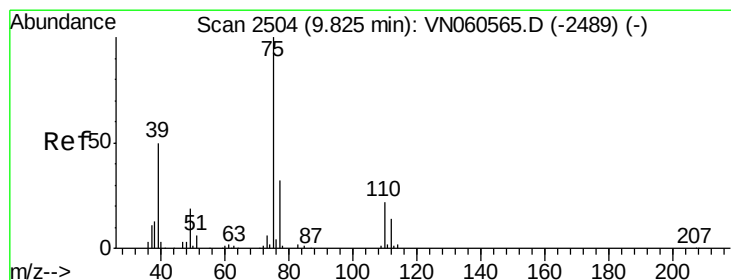
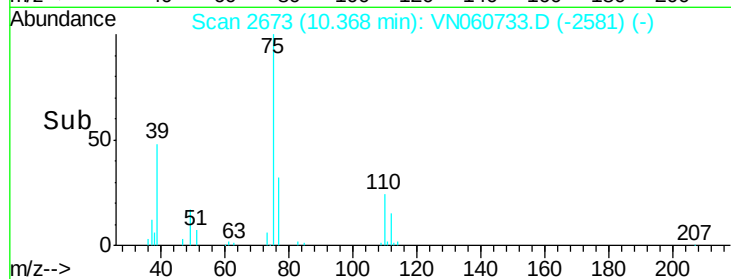
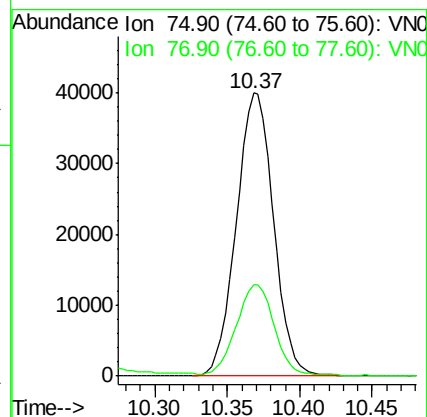
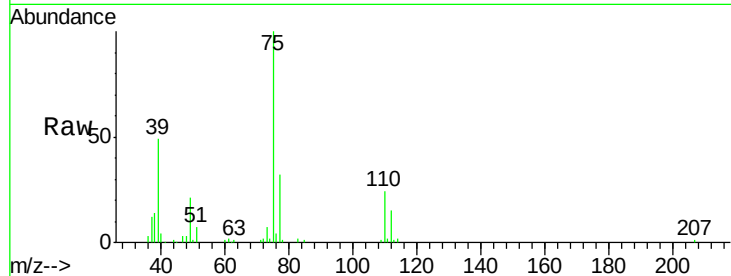
VN0327WBS01

Tot Ion: 75 Resp: 71217

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.524 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

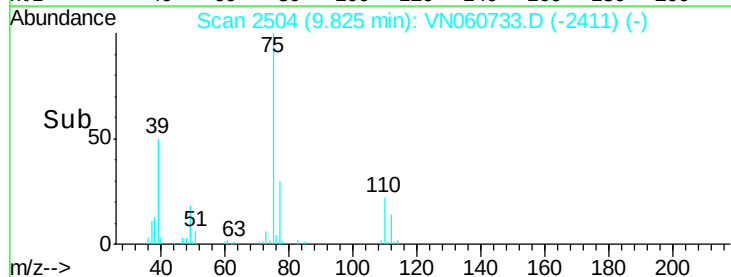
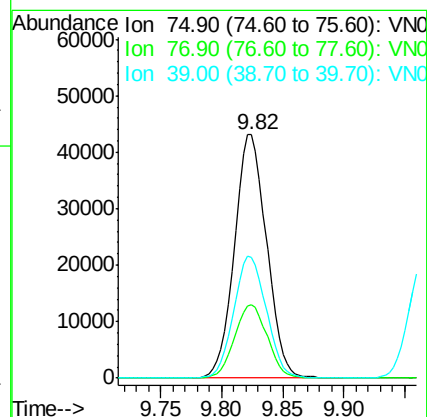
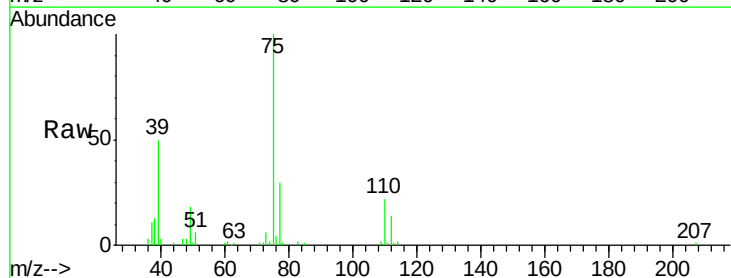
Tgt Ion: 75 Resp: 79149

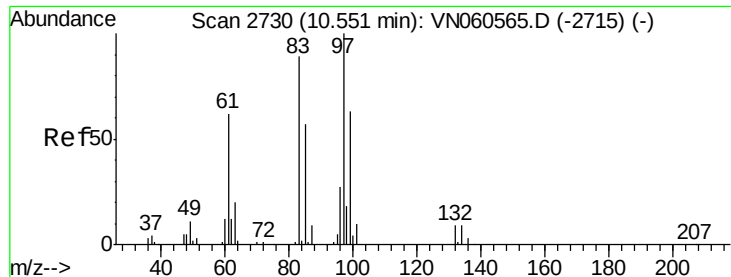
Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.0

39 49.8 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 18.707 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

Tot Ion: 97 Resp: 42181

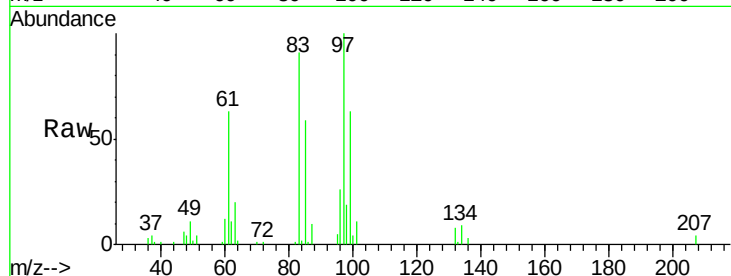
Ion Ratio Lower Upper

97 100

83 90.7 71.3 106.9

85 58.8 45.2 67.8

99 62.9 50.1 75.1

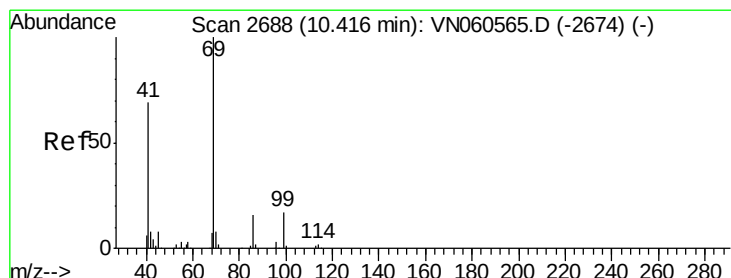
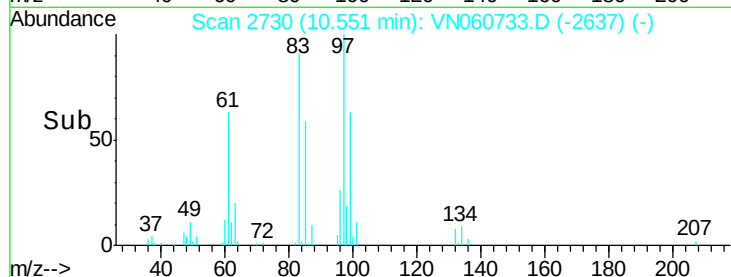
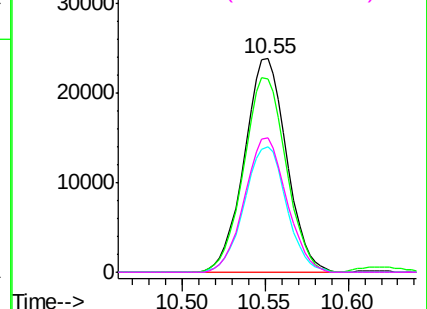


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.427 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

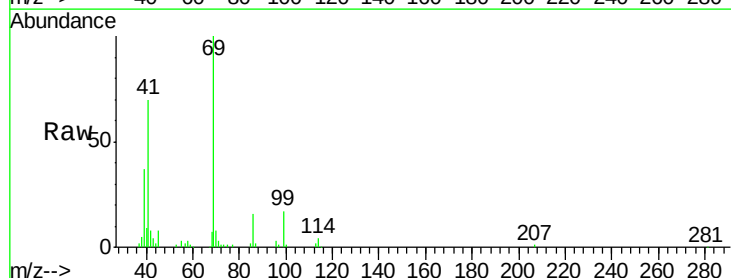
Tgt Ion: 69 Resp: 64786

Ion Ratio Lower Upper

69 100

41 71.6 55.4 83.2

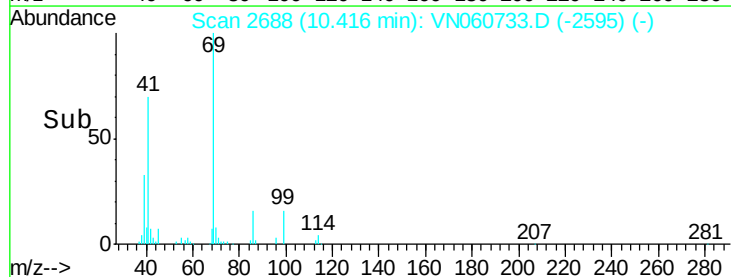
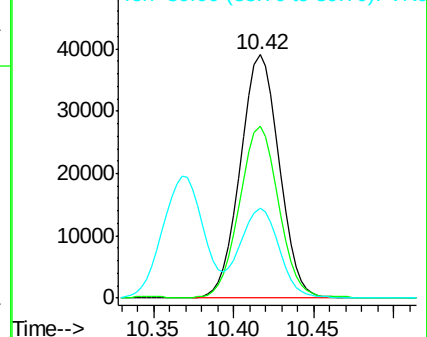
39 37.3 29.4 44.0

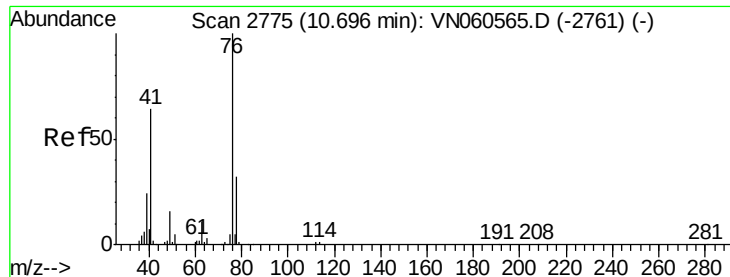


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.258 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

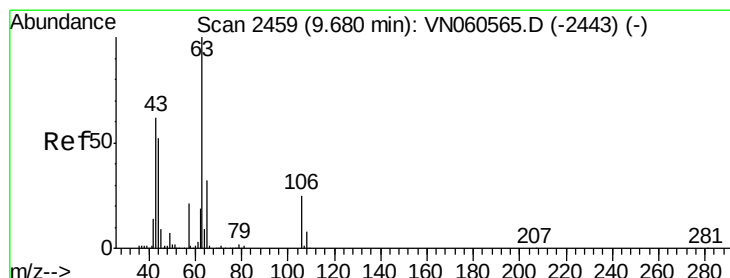
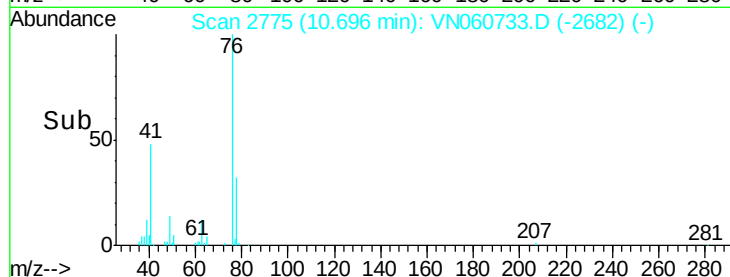
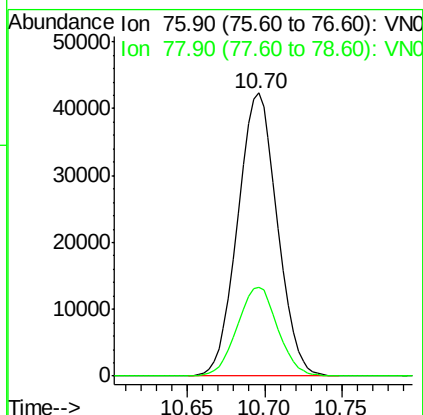
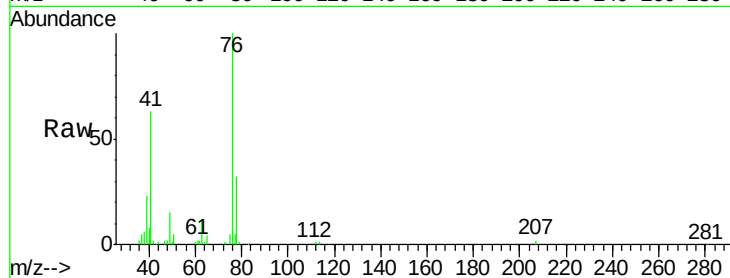
VN0327WBS01

Tot Ion: 76 Resp: 75354

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 80.165 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060733.D

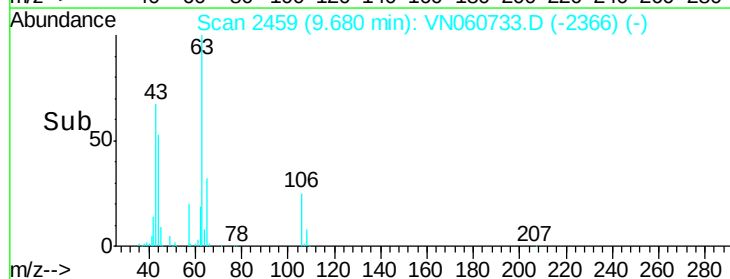
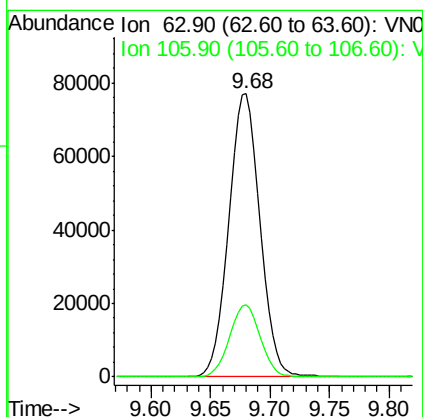
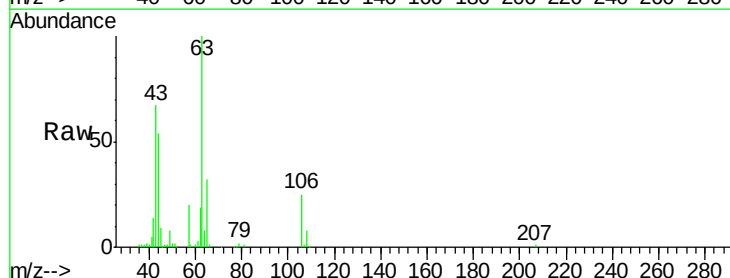
Acq: 27 Mar 2020 11:41

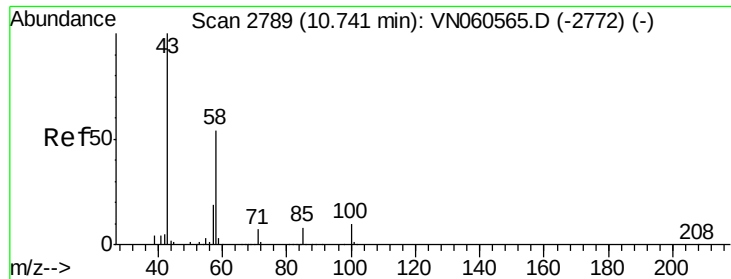
Tgt Ion: 63 Resp: 140078

Ion Ratio Lower Upper

63 100

106 25.0 20.0 30.0

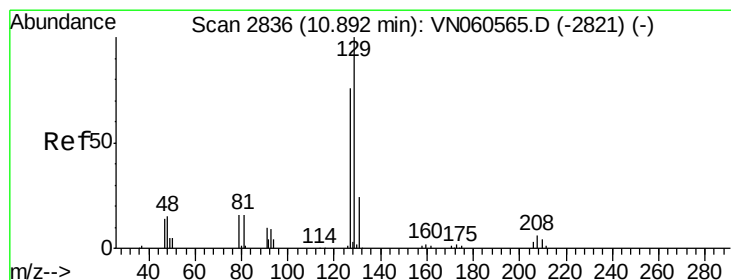
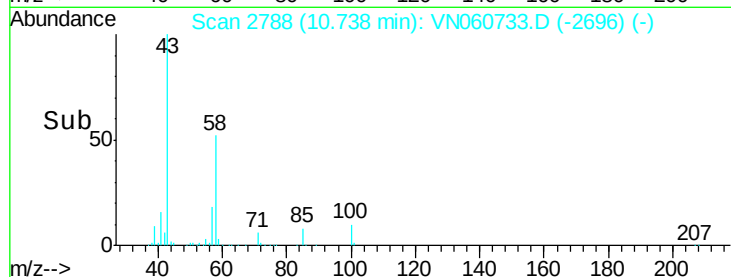
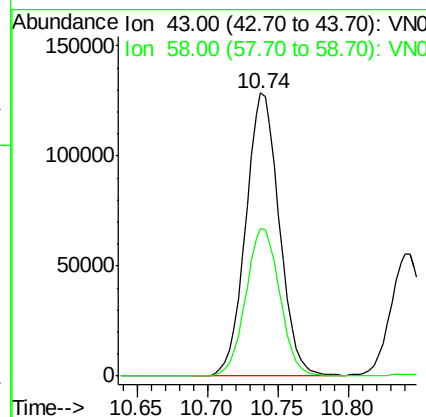
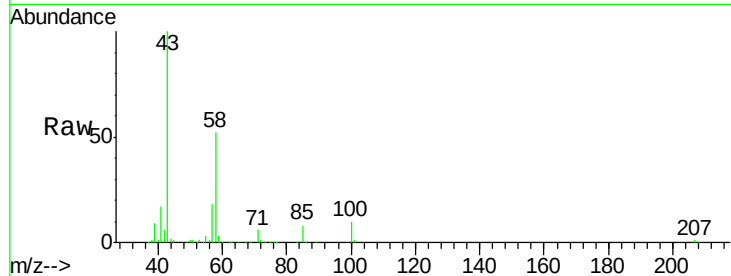




#59
2-Hexanone
Concen: 91.351 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

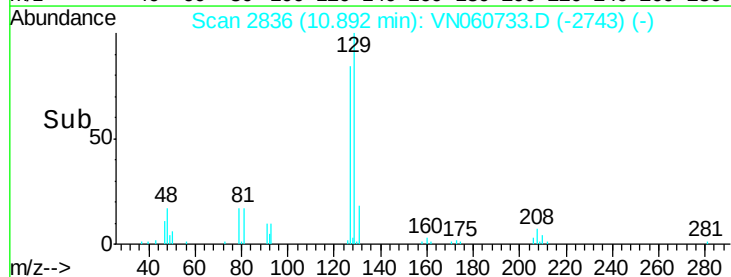
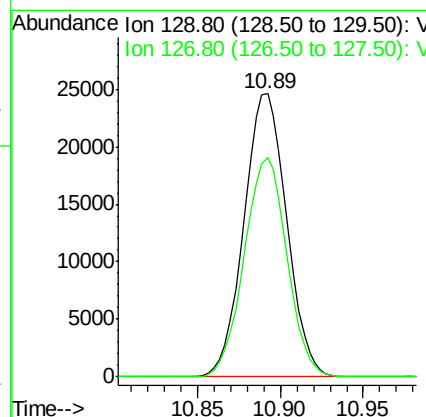
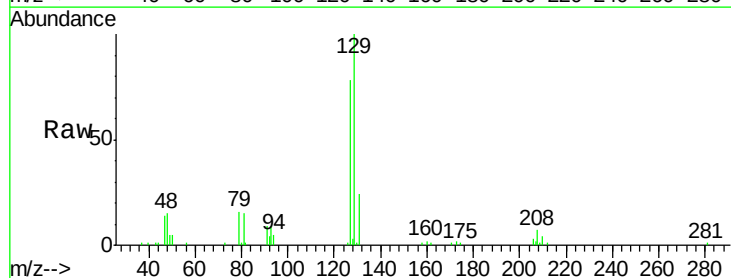
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

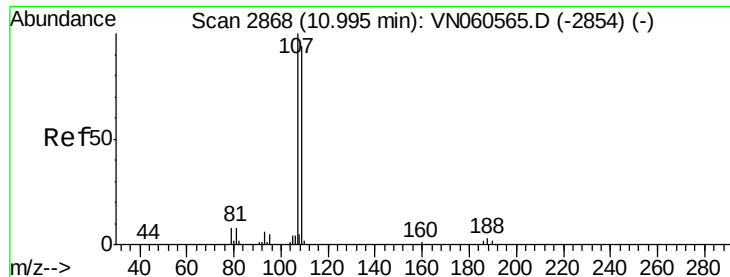
Tot Ion: 43 Resp: 214517
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 19.019 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion: 129 Resp: 44296
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.854 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

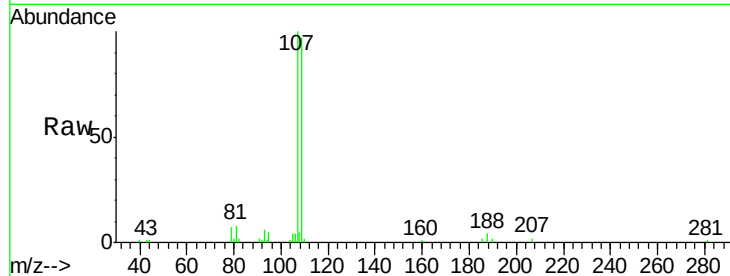
VN0327WBS01

Tot Ion:107 Resp: 42748

Ion Ratio Lower Upper

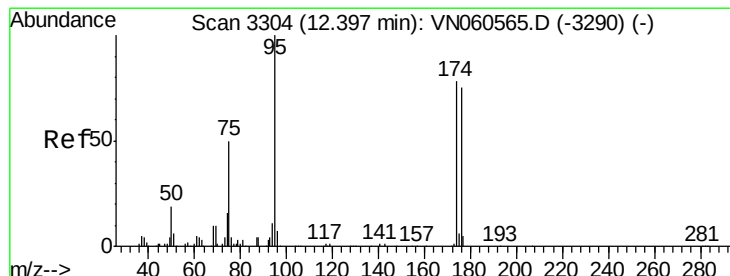
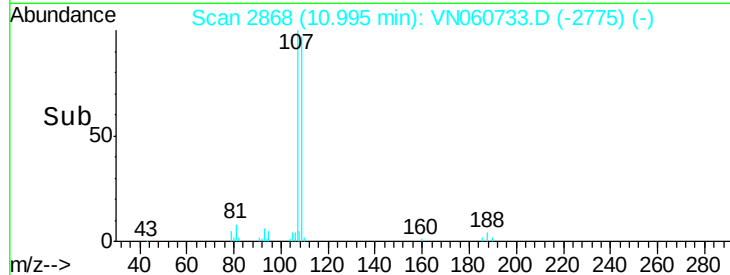
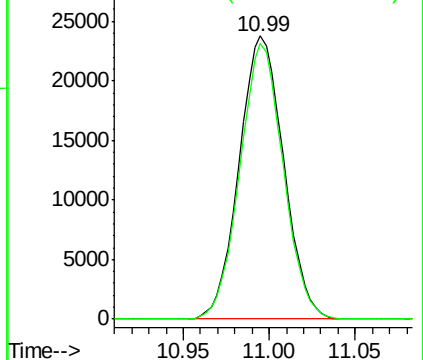
107 100

109 94.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.947 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

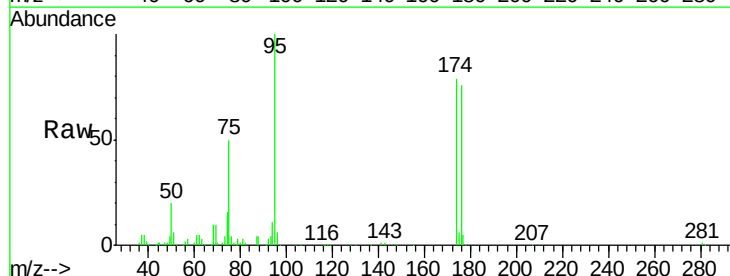
Tgt Ion: 95 Resp: 141082

Ion Ratio Lower Upper

95 100

174 78.6 0.0 157.6

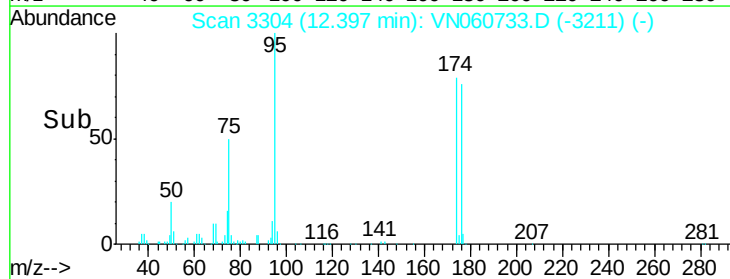
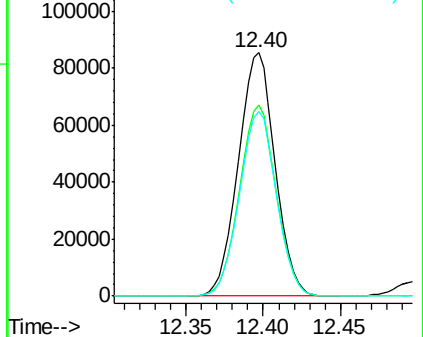
176 76.3 0.0 150.6

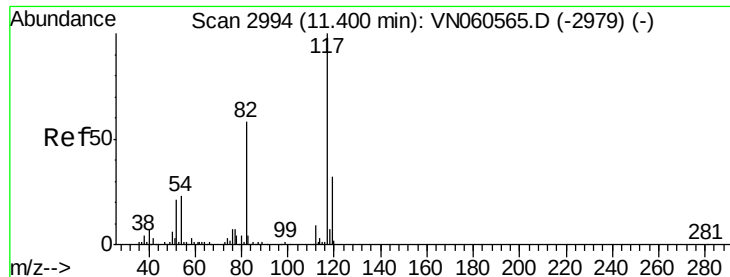


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

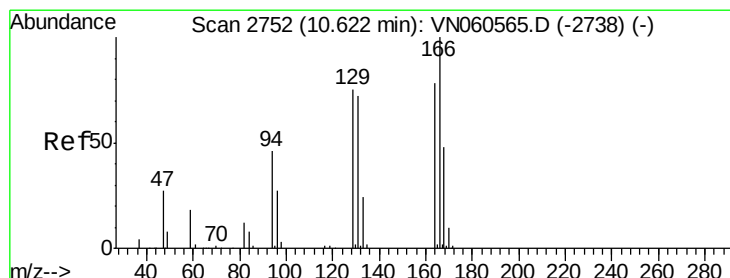
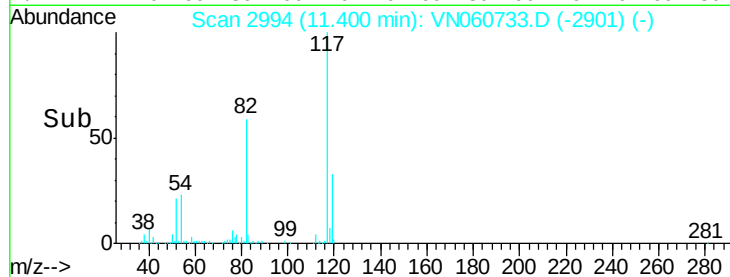
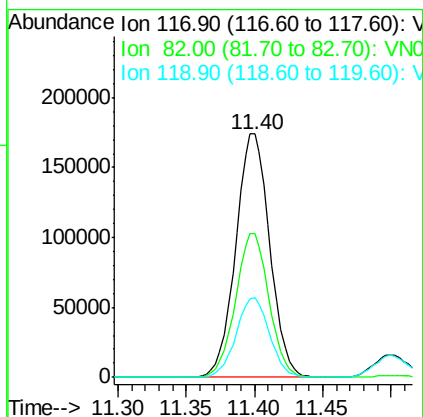
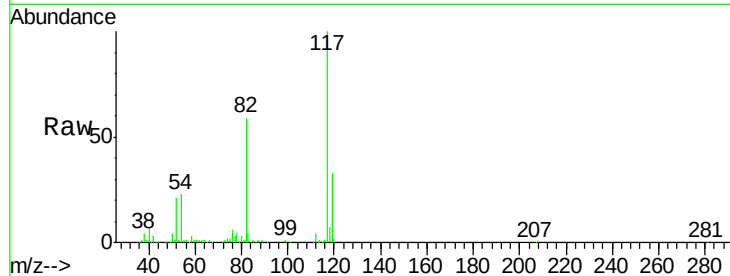




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

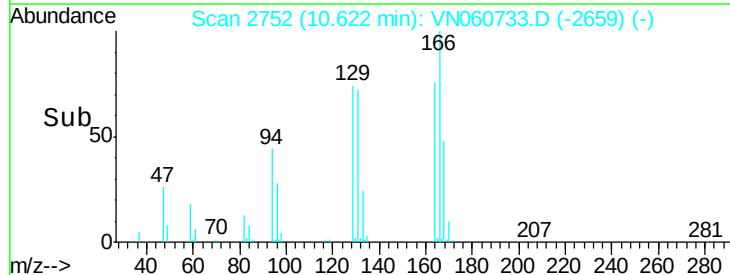
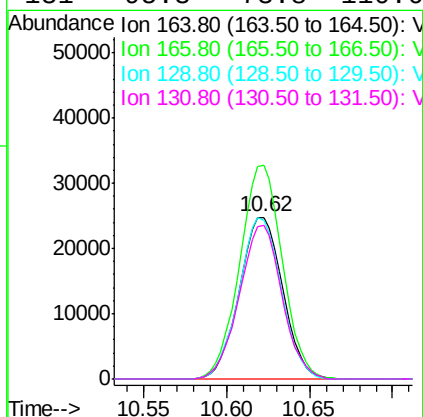
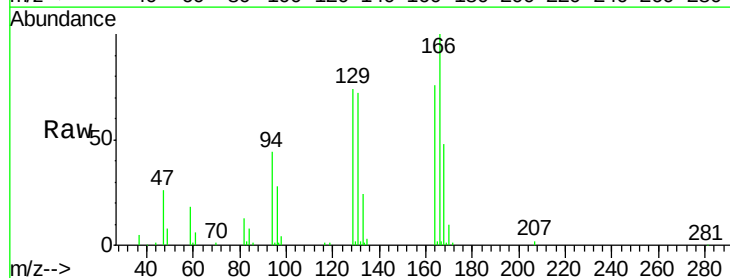
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

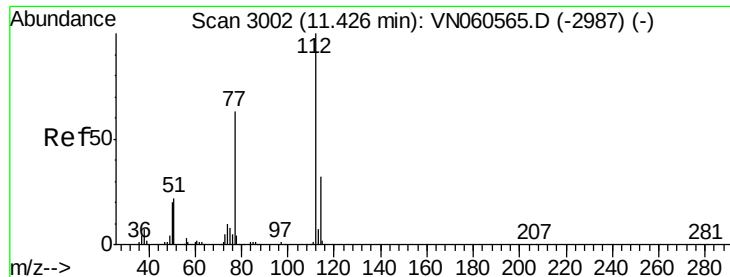
Tot Ion:117 Resp: 300158
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 19.086 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion:164 Resp: 45082
Ion Ratio Lower Upper
164 100
166 132.2 102.7 154.1
129 98.3 77.2 115.8
131 95.3 73.8 110.6





#65

Chlorobenzene

Concen: 19.124 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

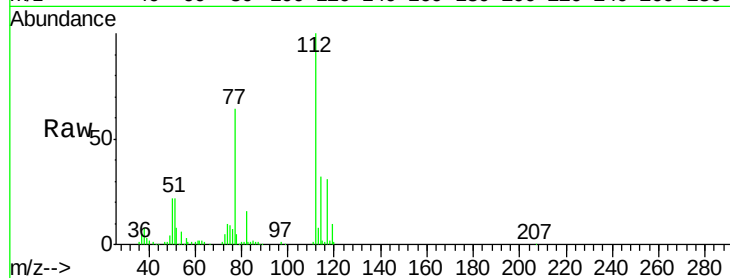
VN0327WBS01

Tot Ion:112 Resp: 113792

Ion Ratio Lower Upper

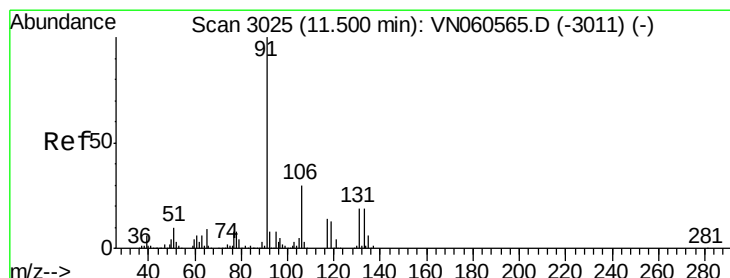
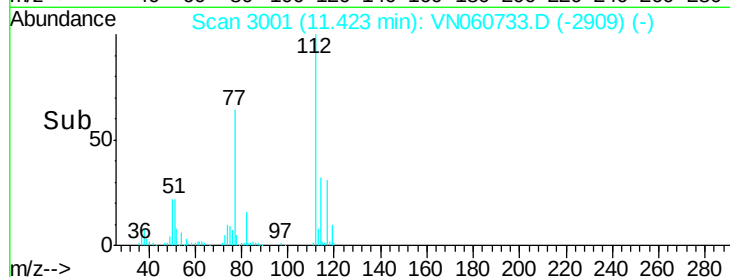
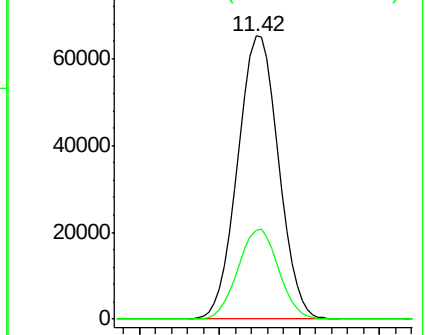
112 100

114 31.5 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.386 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

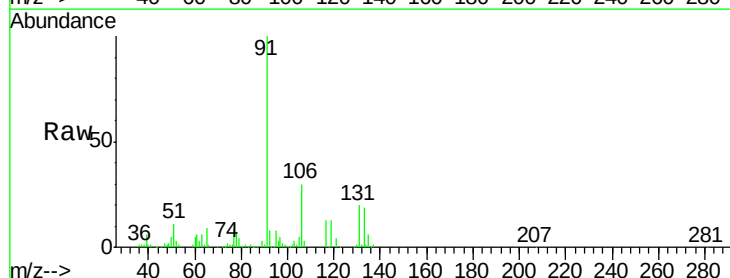
Tgt Ion:131 Resp: 41765

Ion Ratio Lower Upper

131 100

133 96.1 48.9 146.8

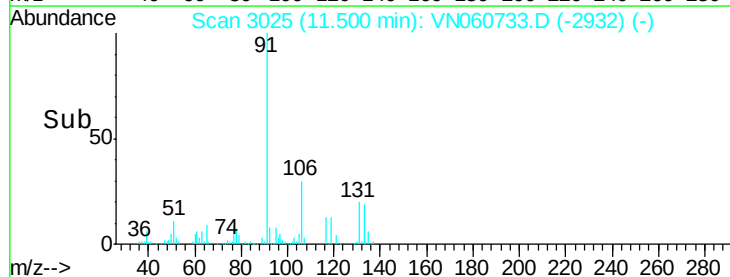
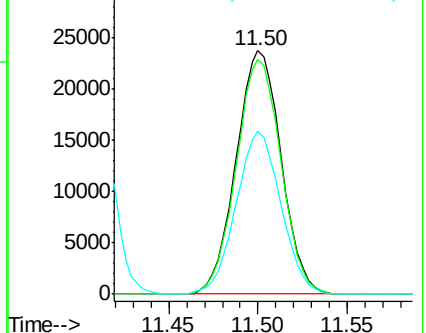
119 66.5 33.9 101.7

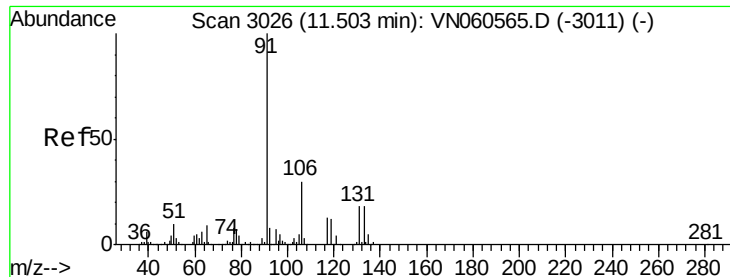


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.180 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

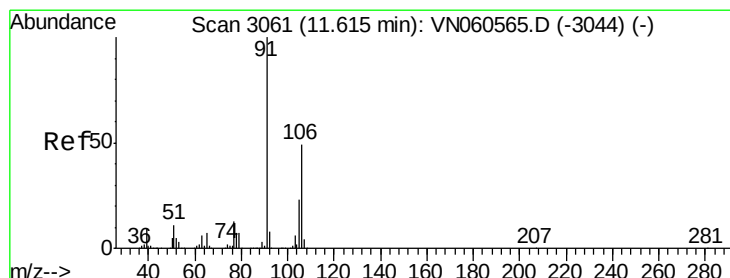
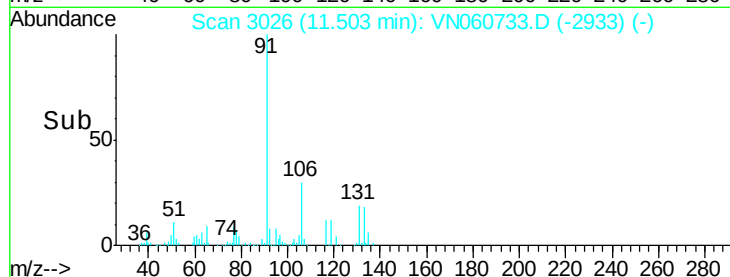
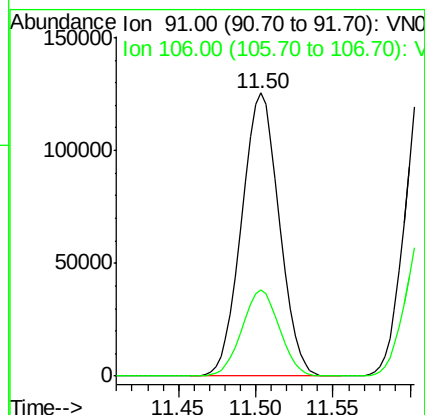
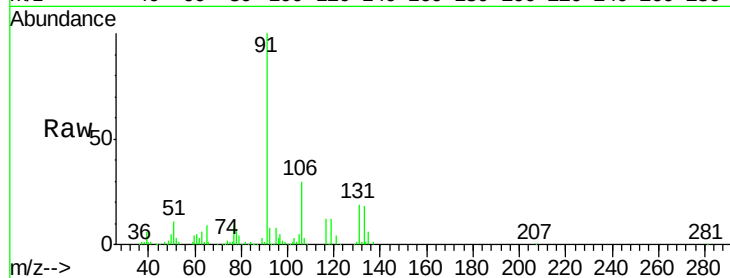
VN0327WBS01

Tot Ion: 91 Resp: 212238

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.2



#68

m/p-Xylenes

Concen: 38.411 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060733.D

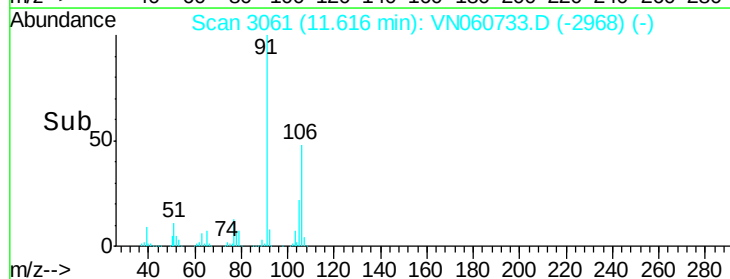
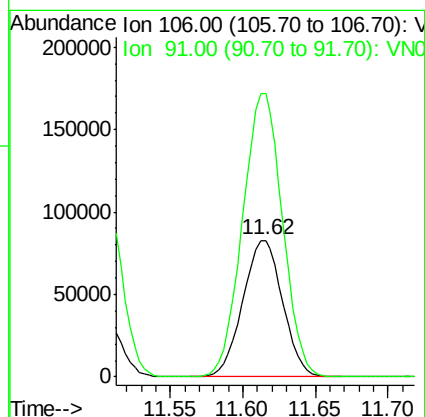
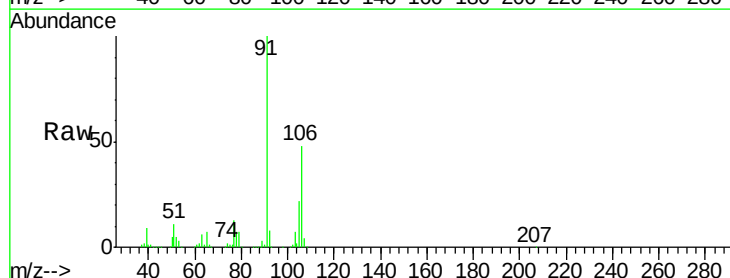
Acq: 27 Mar 2020 11:41

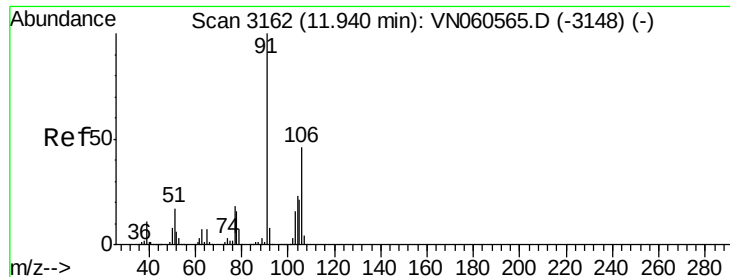
Tgt Ion: 106 Resp: 157945

Ion Ratio Lower Upper

106 100

91 208.3 165.0 247.4

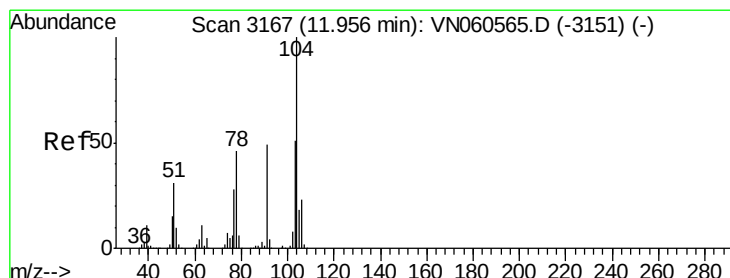
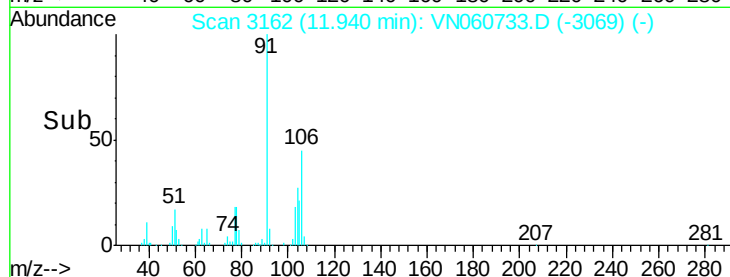
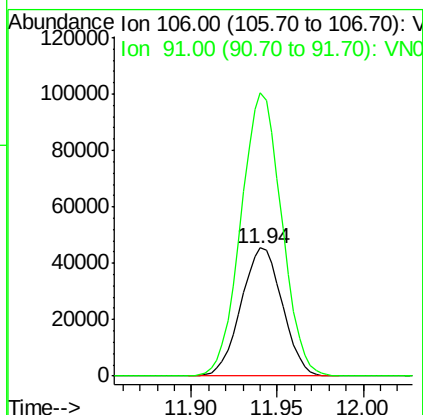
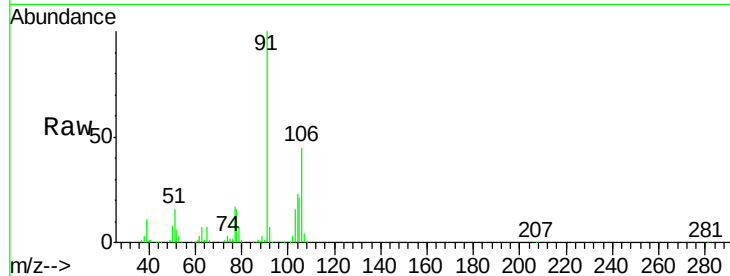




#69
o-Xylene
Concen: 19.362 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

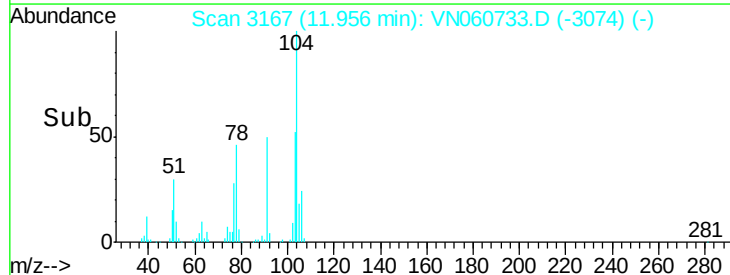
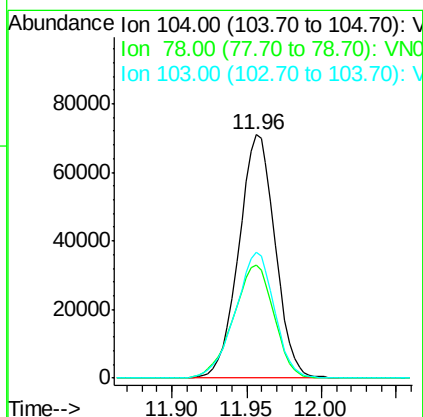
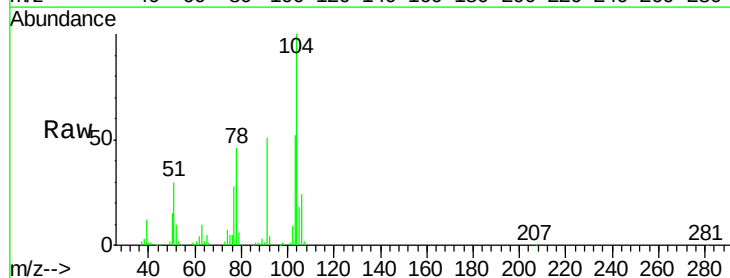
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

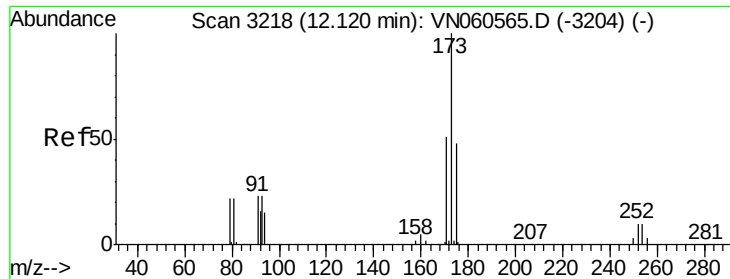
Tot Ion:106 Resp: 76002
Ion Ratio Lower Upper
106 100
91 217.7 109.5 328.4



#70
Styrene
Concen: 18.675 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion:104 Resp: 119891
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.4 44.0 66.0

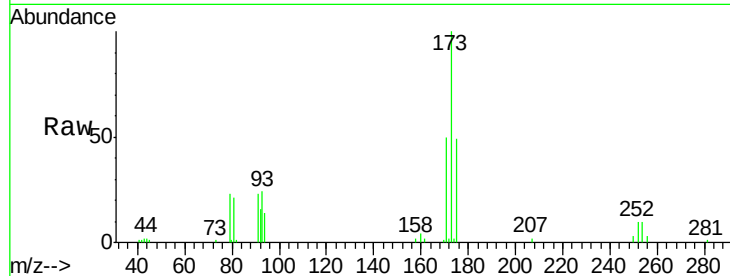




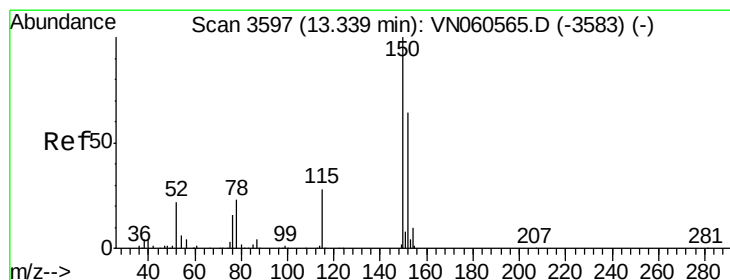
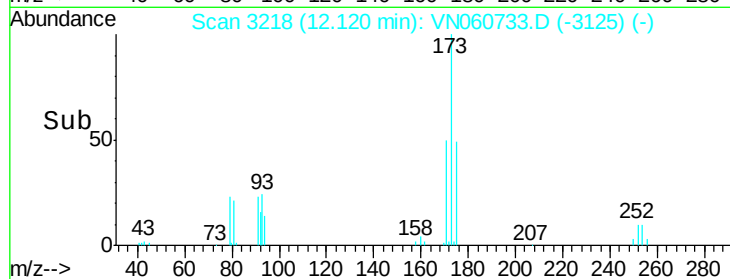
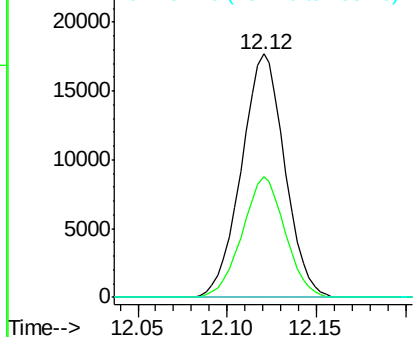
#71
Bromoform
Concen: 17.895 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

Tot Ion:173 Resp: 30044
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

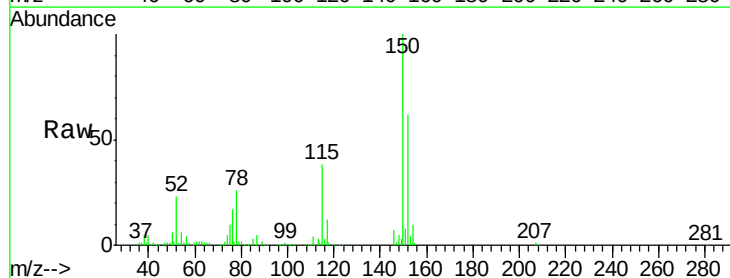


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

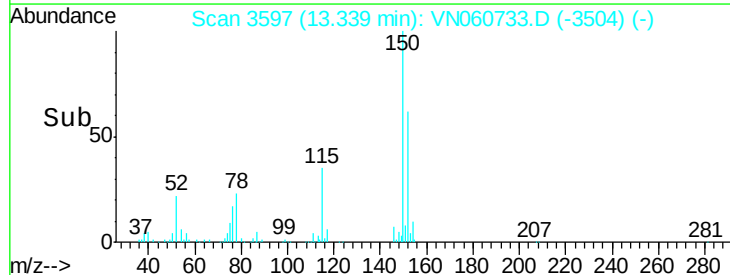
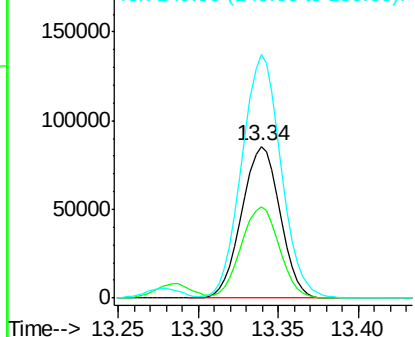


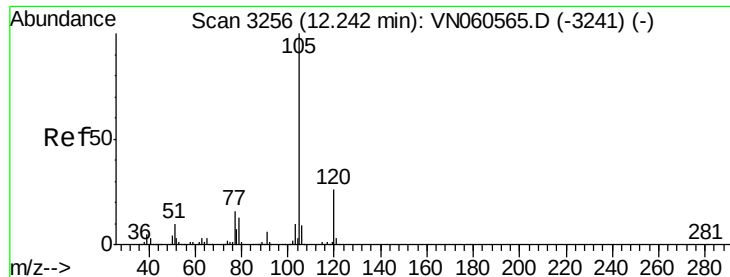
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion:152 Resp: 139689
Ion Ratio Lower Upper
152 100
115 60.1 30.2 90.6
150 164.7 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.461 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

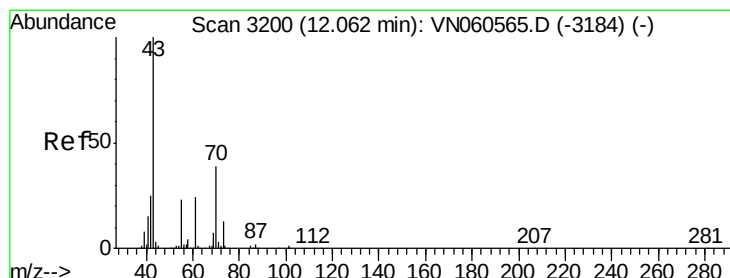
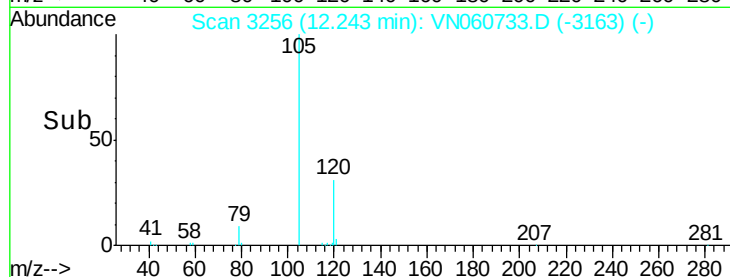
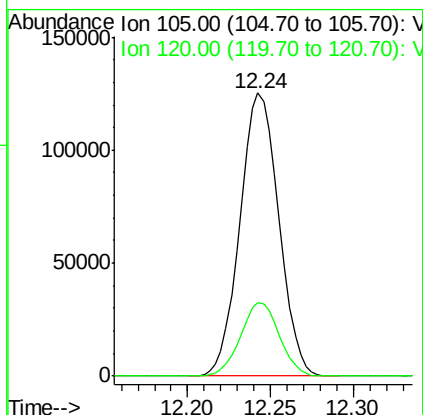
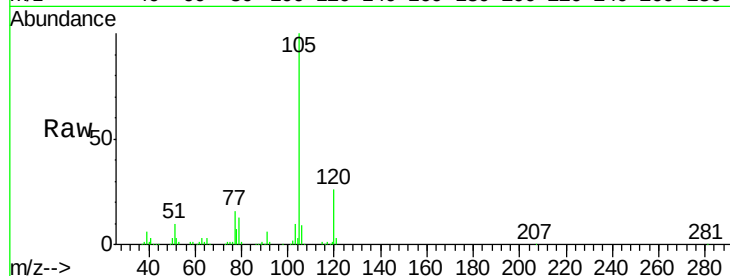
VN0327WBS01

Tot Ion:105 Resp: 204015

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 18.356 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Tgt Ion: 43 Resp: 88920

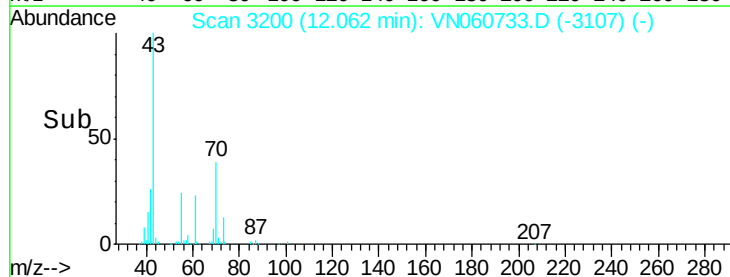
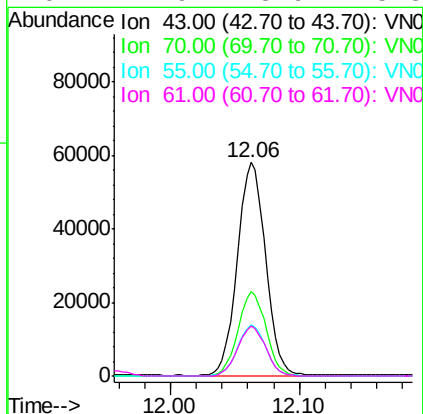
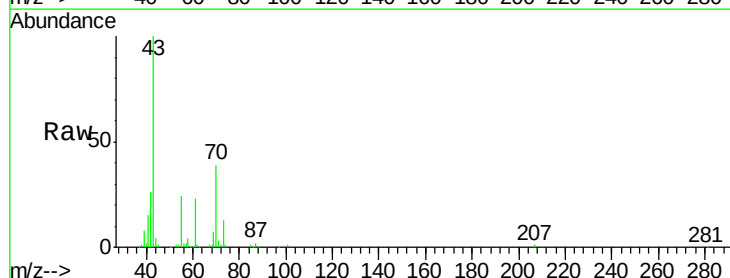
Ion Ratio Lower Upper

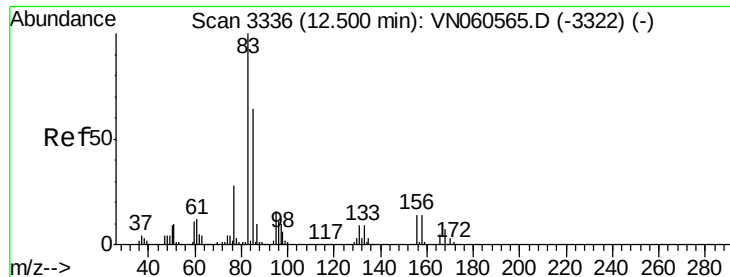
43 100

70 38.7 31.1 46.7

55 23.7 18.6 27.8

61 22.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.928 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

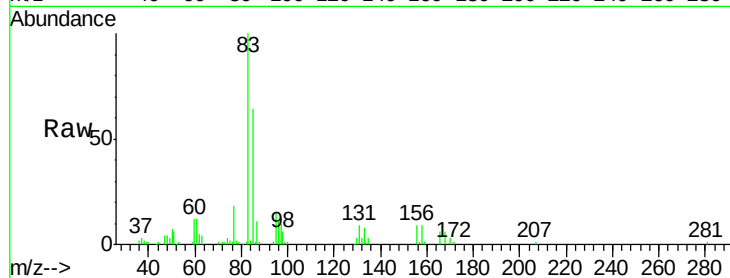
Tot Ion: 83 Resp: 60004

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

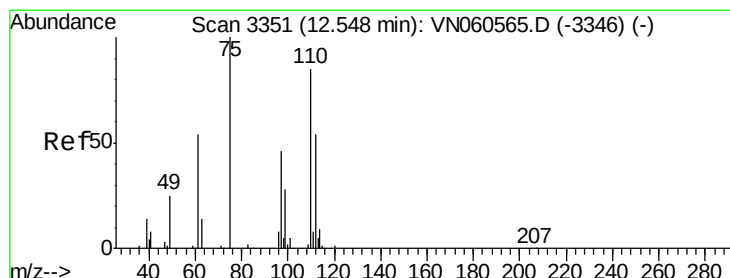
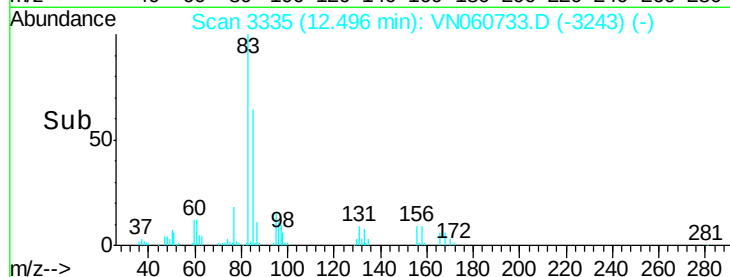
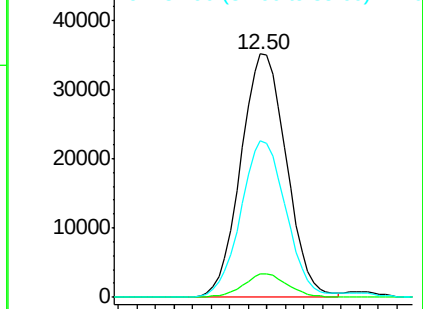
85 63.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060733.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060733.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060733.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 19.356 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060733.D

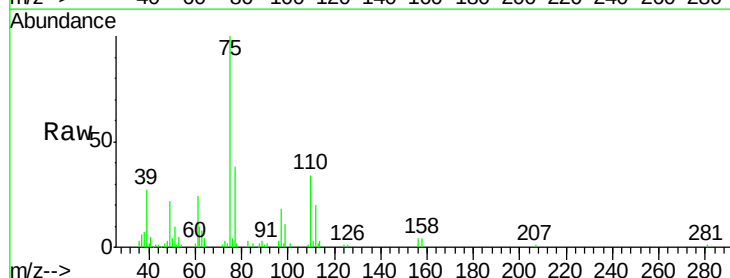
Acq: 27 Mar 2020 11:41

Tgt Ion: 75 Resp: 58342

Ion Ratio Lower Upper

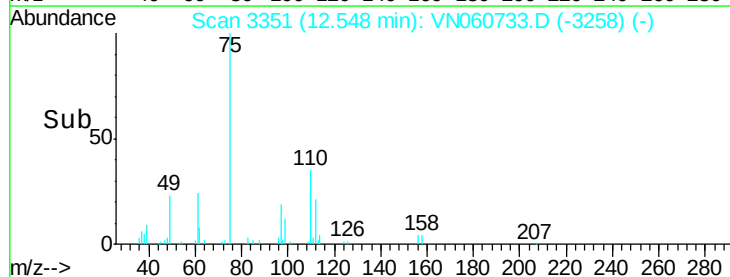
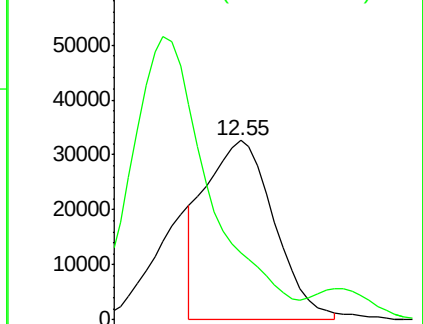
75 100

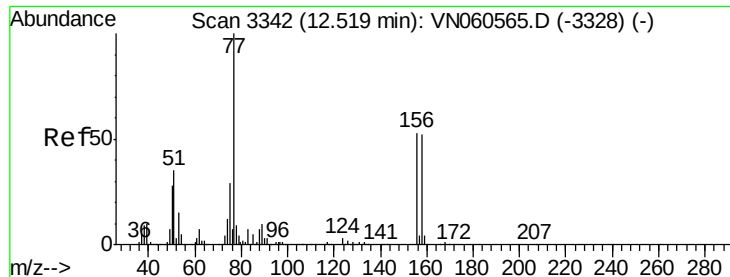
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060733.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060733.D (-3258) (-)





#77

Bromobenzene

Concen: 18.857 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

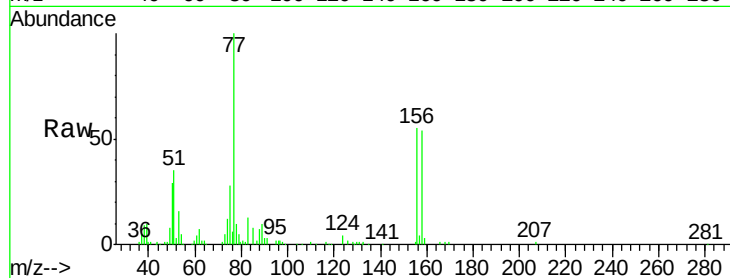
Tot Ion:156 Resp: 47635

Ion Ratio Lower Upper

156 100

77 221.6 112.3 337.0

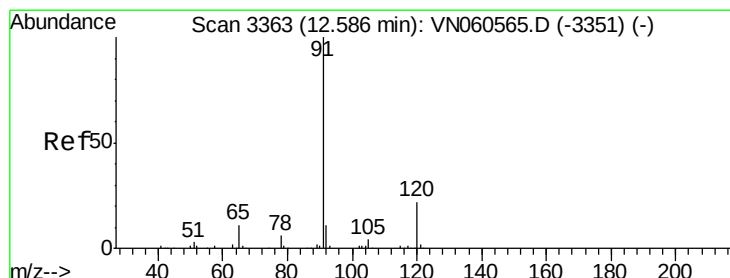
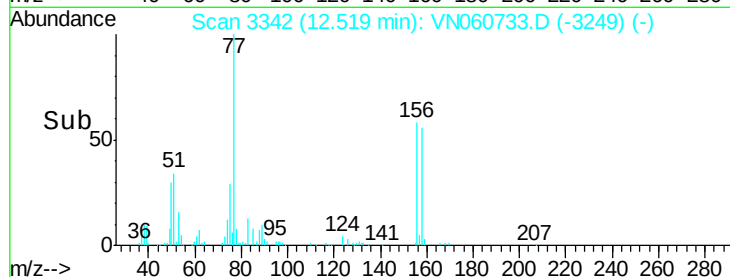
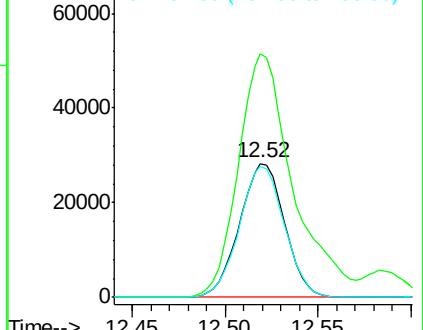
158 97.8 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.140 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060733.D

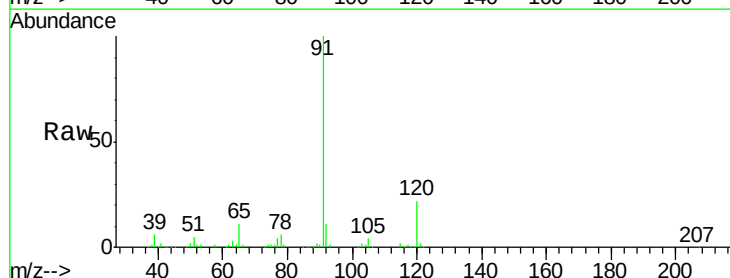
Acq: 27 Mar 2020 11:41

Tgt Ion: 91 Resp: 237047

Ion Ratio Lower Upper

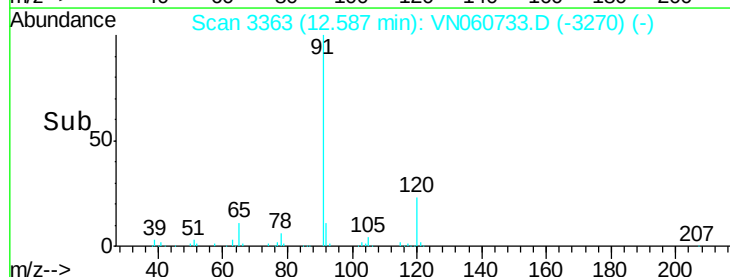
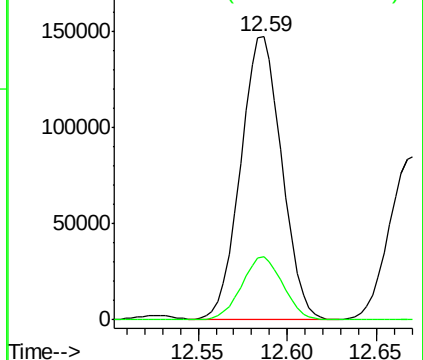
91 100

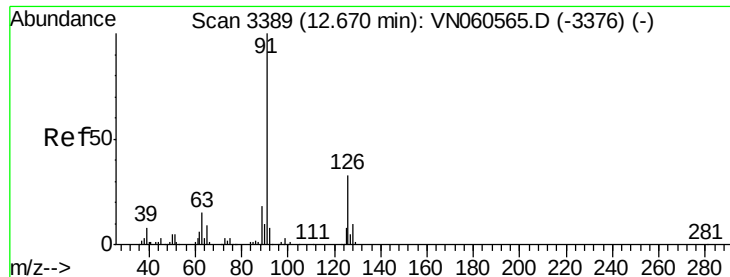
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.116 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

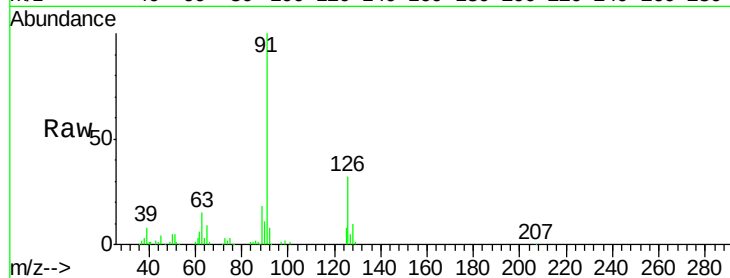
VN0327WBS01

Tot Ion: 91 Resp: 141462

Ion Ratio Lower Upper

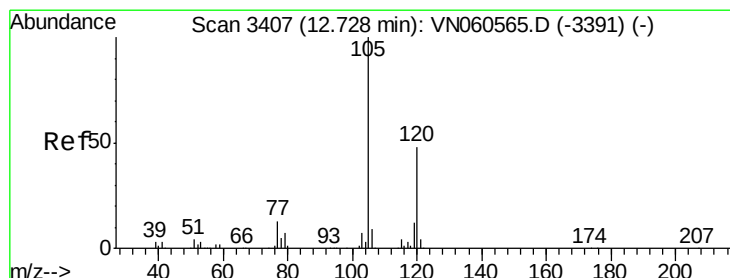
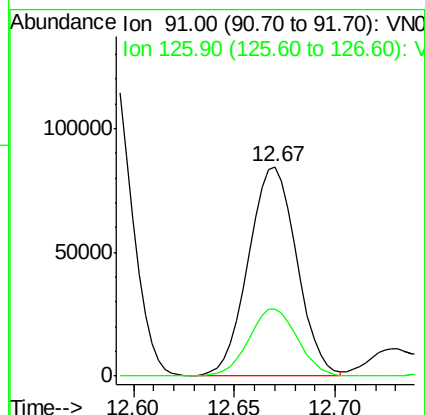
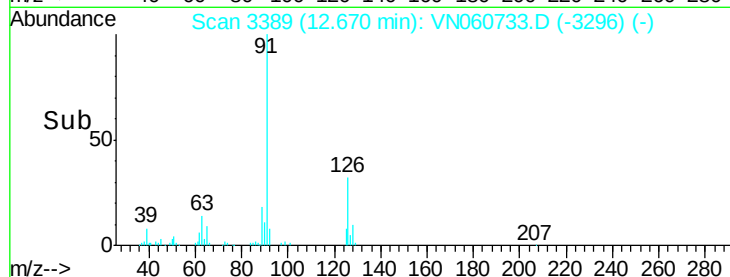
91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060733.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060733.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.330 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060733.D

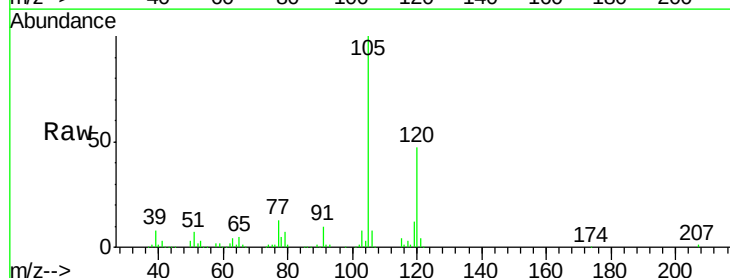
Acq: 27 Mar 2020 11:41

Tgt Ion: 105 Resp: 171962

Ion Ratio Lower Upper

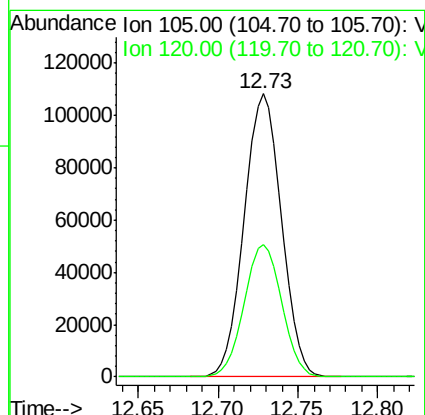
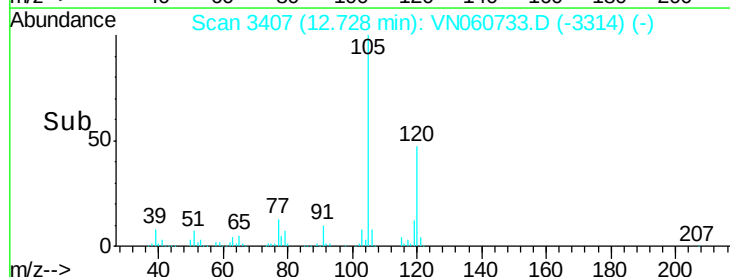
105 100

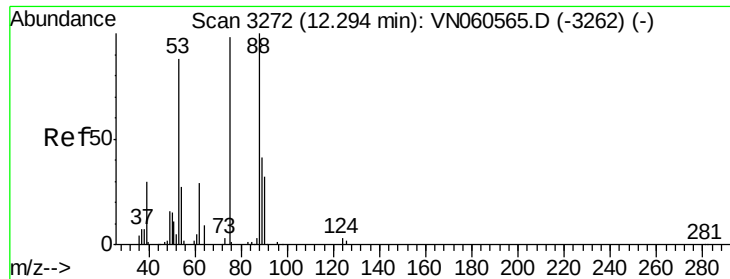
120 46.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060733.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060733.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.017 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

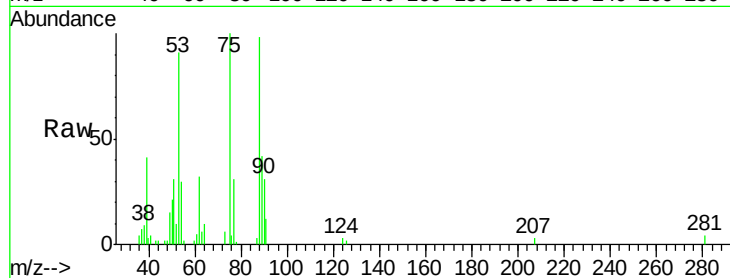
Tot Ion: 75 Resp: 21145

Ion Ratio Lower Upper

75 100

53 92.3 73.0 109.4

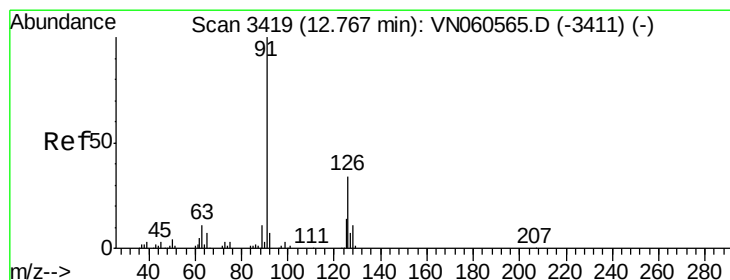
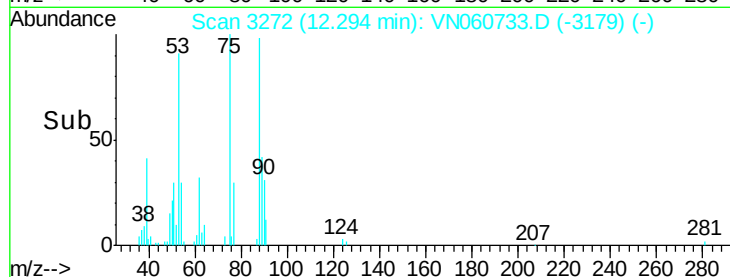
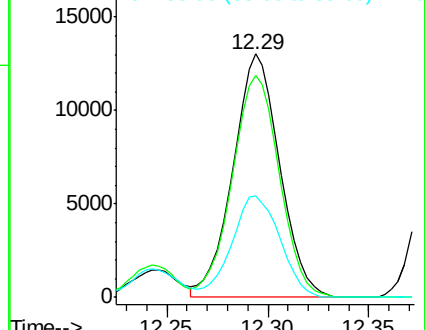
89 42.8 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.235 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN060733.D

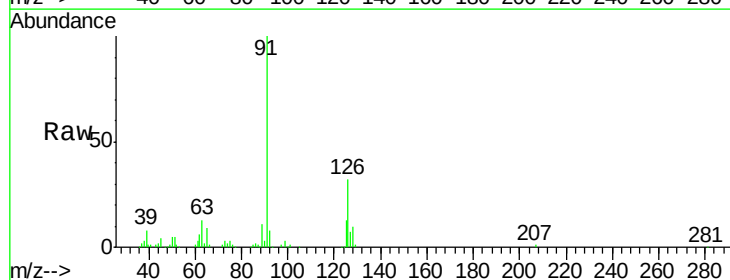
Acq: 27 Mar 2020 11:41

Tgt Ion: 91 Resp: 144976

Ion Ratio Lower Upper

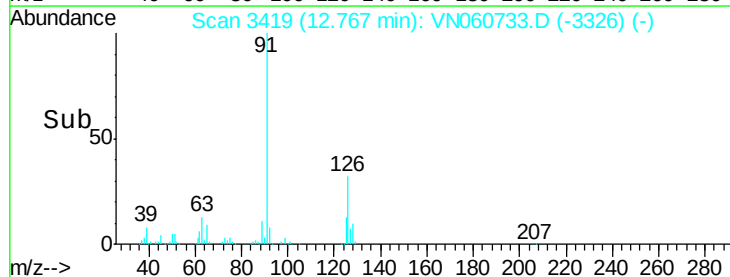
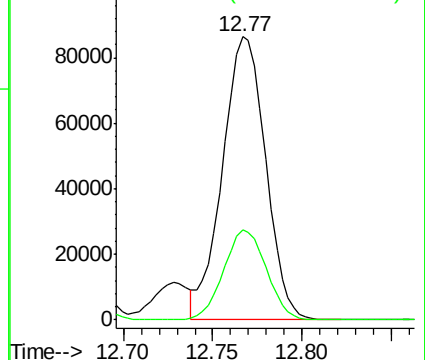
91 100

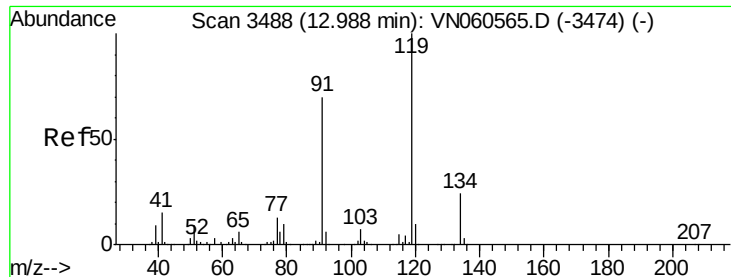
126 31.3 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

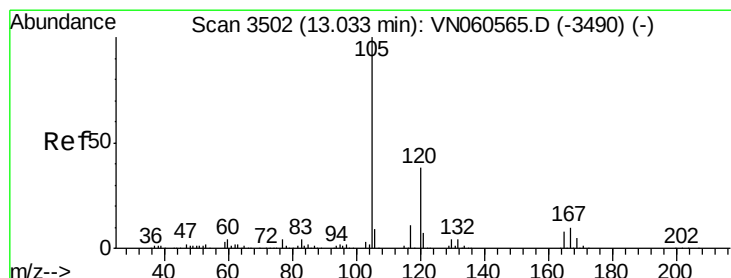
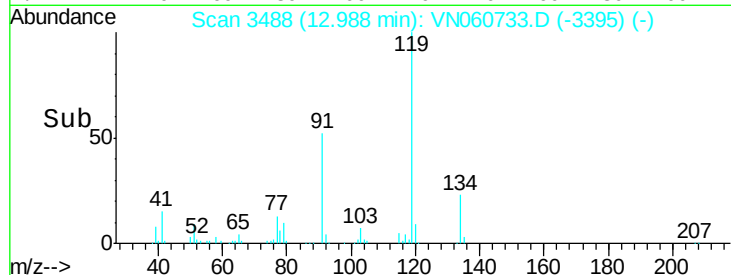
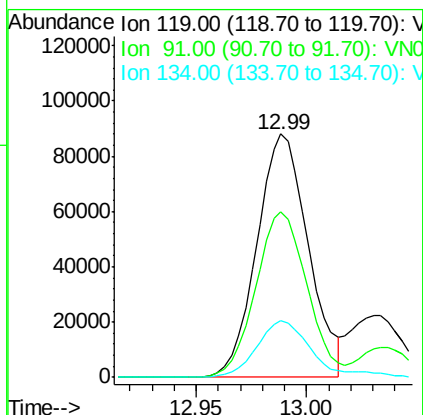
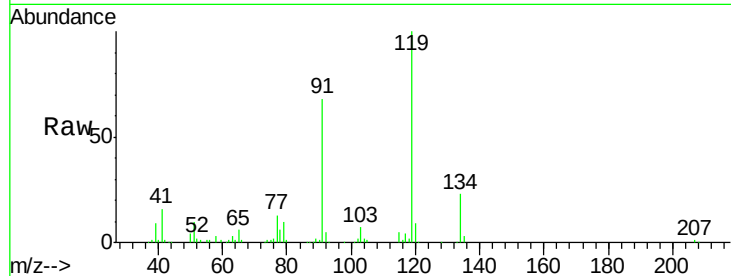




#83
 tert-Butylbenzene
 Concen: 19.343 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

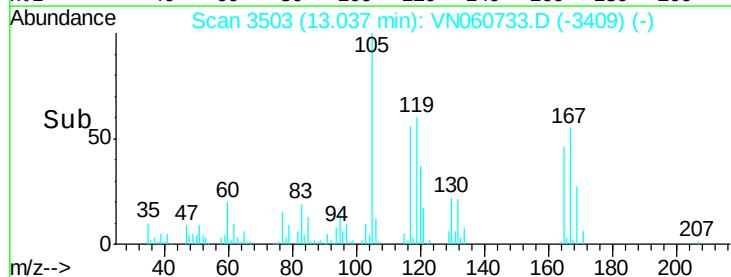
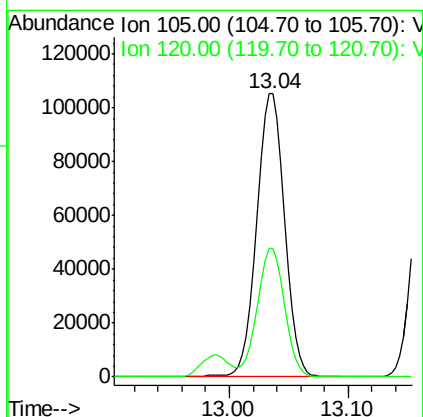
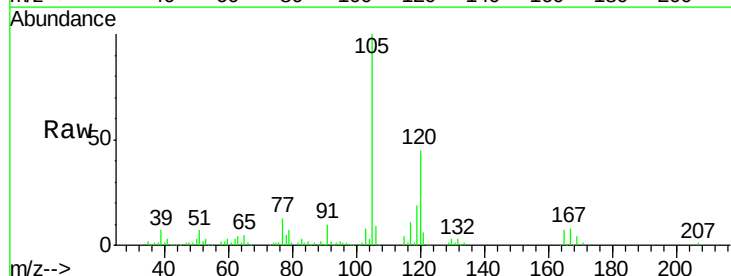
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

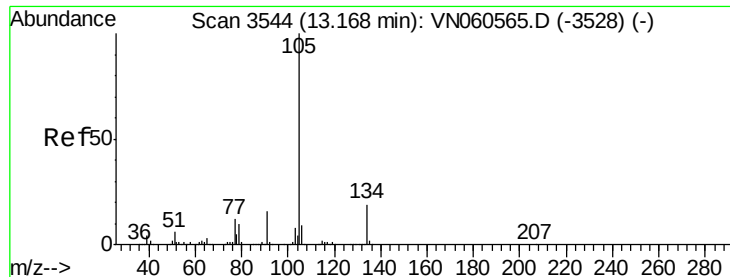
Tot Ion:119 Resp: 142651
 Ion Ratio Lower Upper
 119 100
 91 67.9 34.0 101.8
 134 24.9 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.423 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

Tgt Ion:105 Resp: 170942
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.536 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampled :

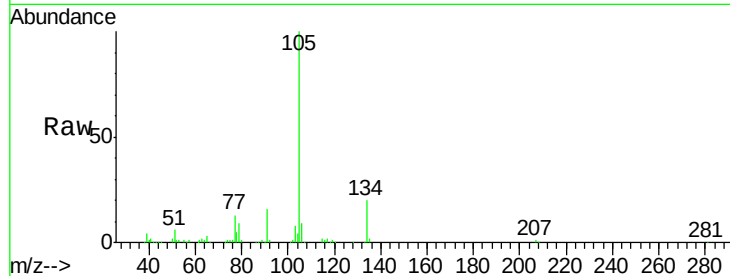
VN0327WBS01

Tot Ion:105 Resp: 193733

Ion Ratio Lower Upper

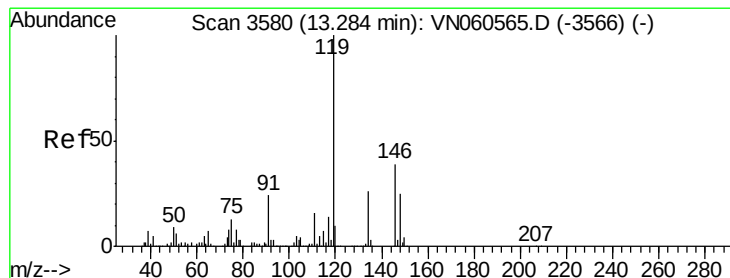
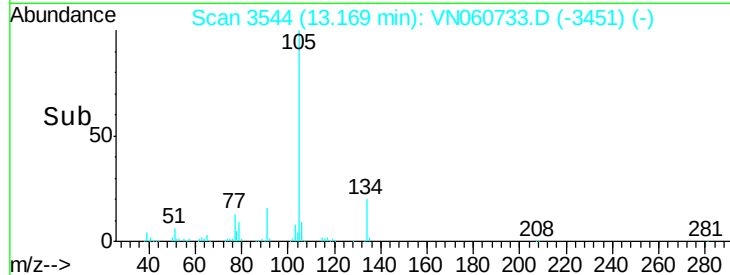
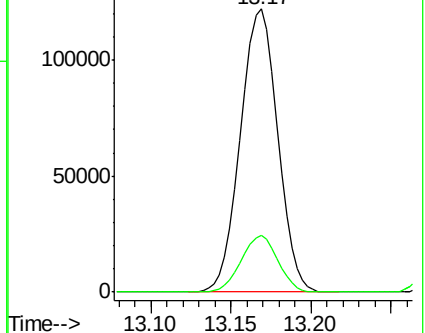
105 100

134 19.6 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.617 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

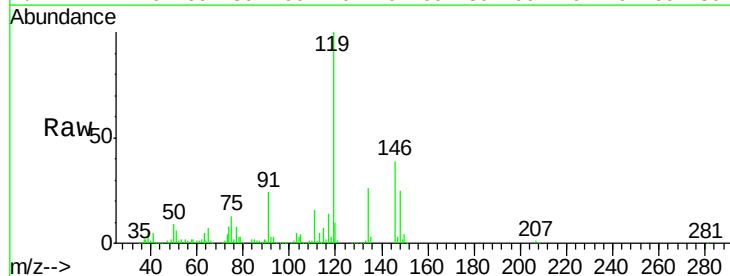
Tgt Ion:119 Resp: 174933

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

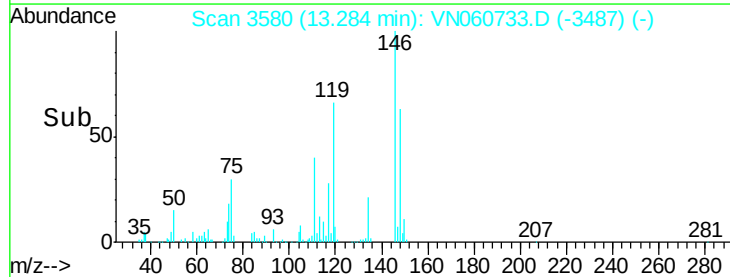
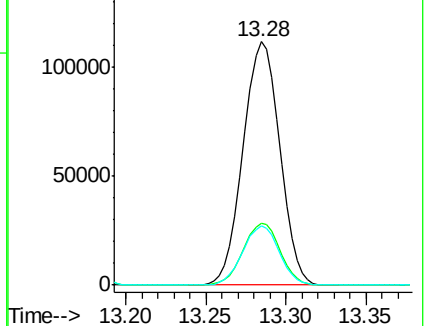
91 24.2 12.0 36.0

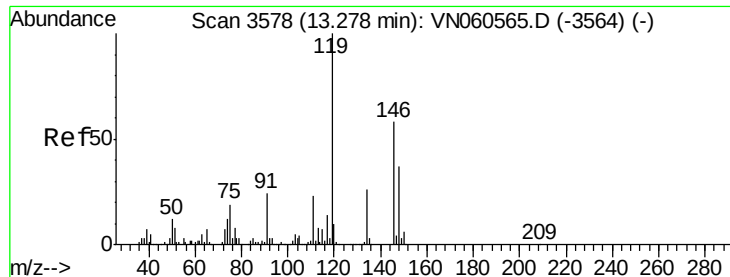


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.130 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

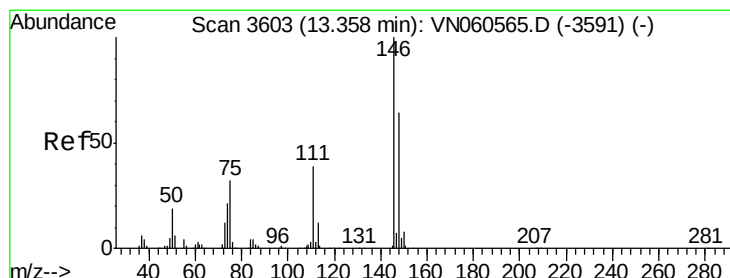
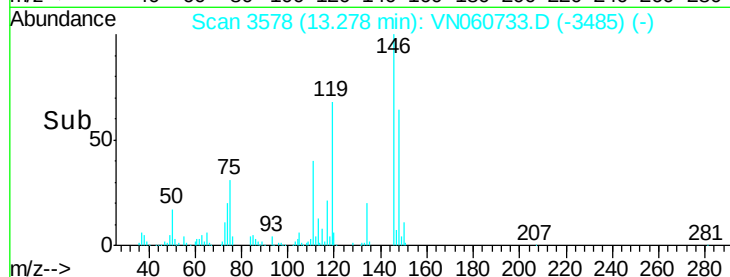
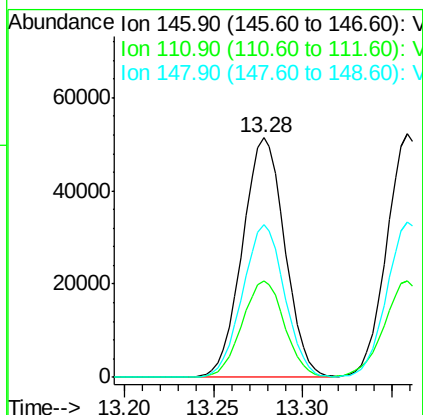
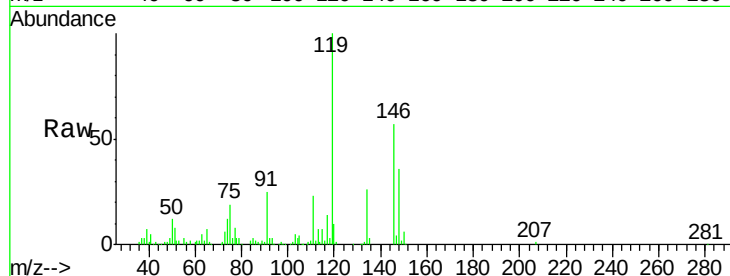
Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

Tot Ion:146 Resp: 85227

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	63.4	32.5	97.4



#88

1,4-Dichlorobenzene

Concen: 18.941 ug/l

RT: 13.36 min Scan# 3603

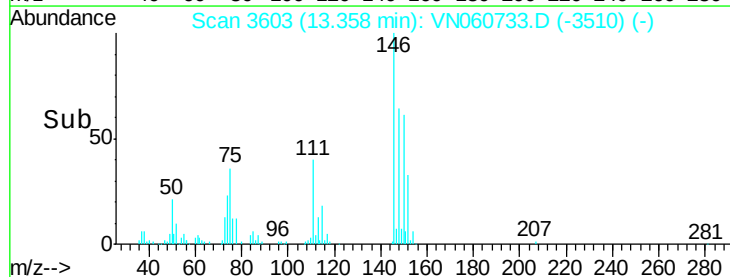
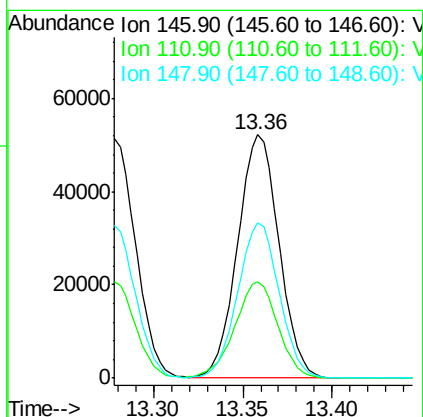
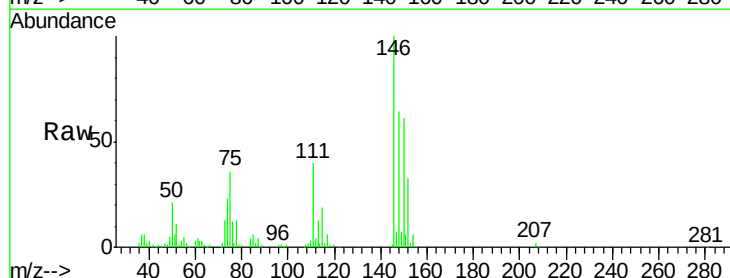
Delta R.T. 0.00 min

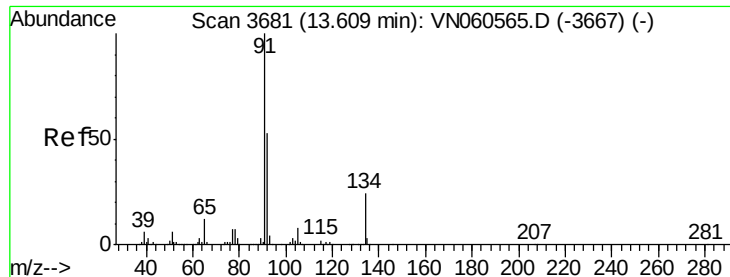
Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Tgt Ion:146 Resp: 84782

Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.6	58.7
148	64.0	32.1	96.3





#89

n-Butylbenzene

Concen: 19.693 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN060733.D

Acq: 27 Mar 2020 11:41

Instrument :

MSVOA_N

ClientSampled :

VN0327WBS01

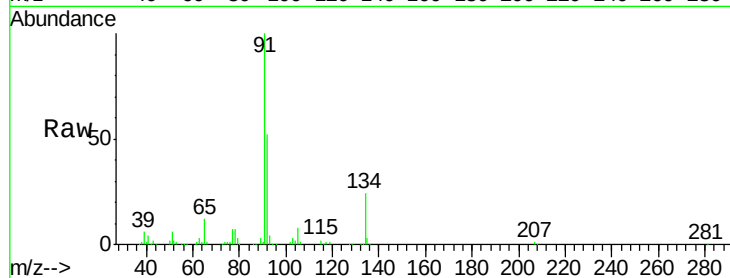
Tot Ion: 91 Resp: 158554

Ion Ratio Lower Upper

91 100

92 51.7 26.2 78.5

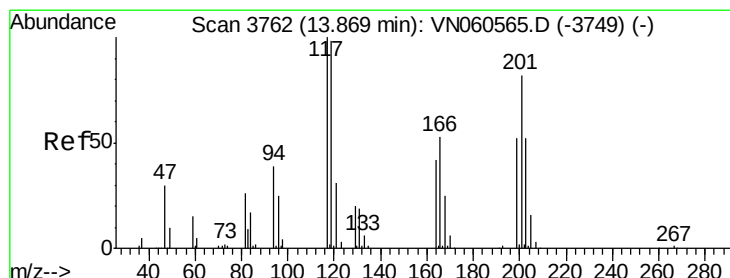
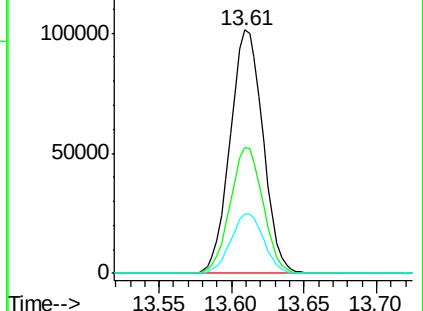
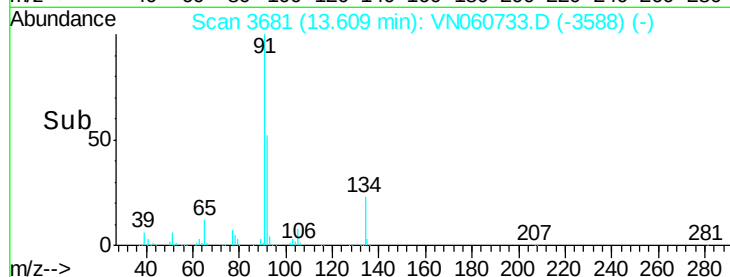
134 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060733.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN060733.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN060733.D (-3669) (-)



#90

Hexachloroethane

Concen: 19.400 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060733.D

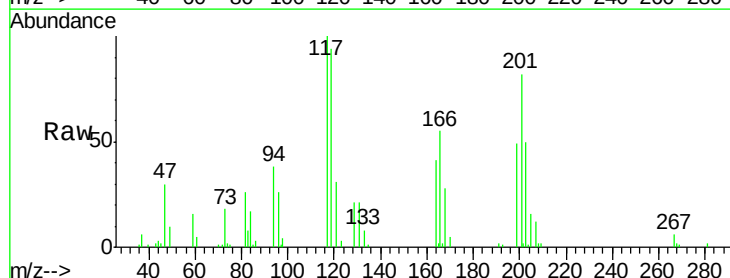
Acq: 27 Mar 2020 11:41

Tgt Ion: 117 Resp: 25147

Ion Ratio Lower Upper

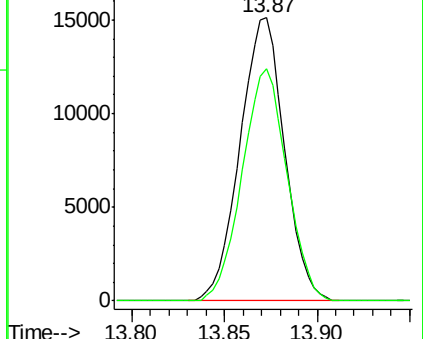
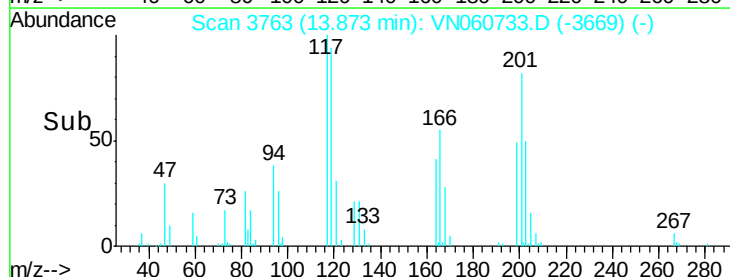
117 100

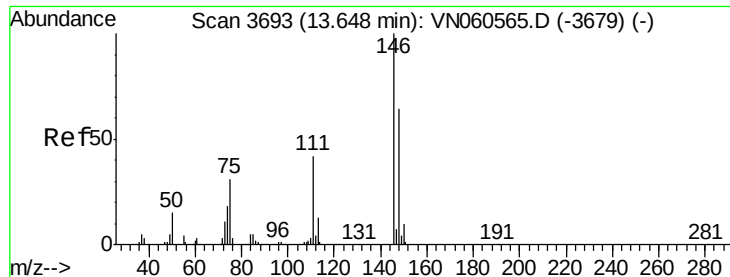
201 82.4 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060733.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN060733.D (-3669) (-)

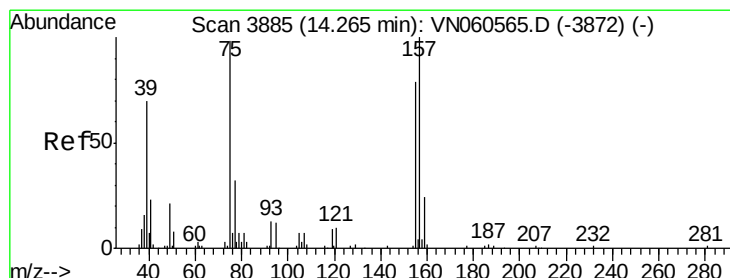
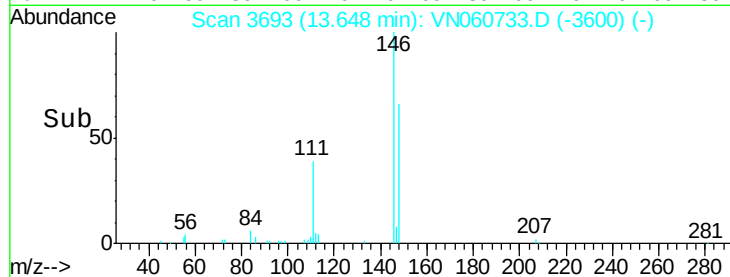
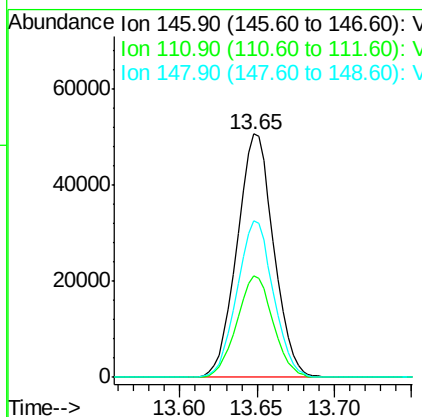
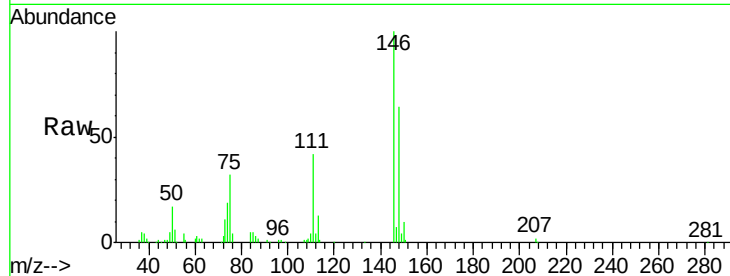




#91
 1,2-Dichlorobenzene
 Concen: 19.558 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

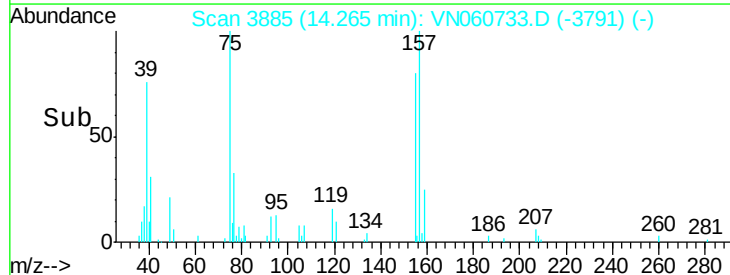
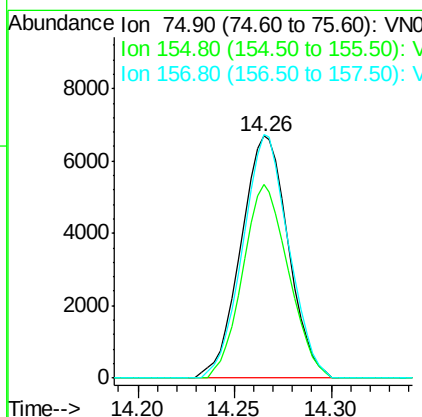
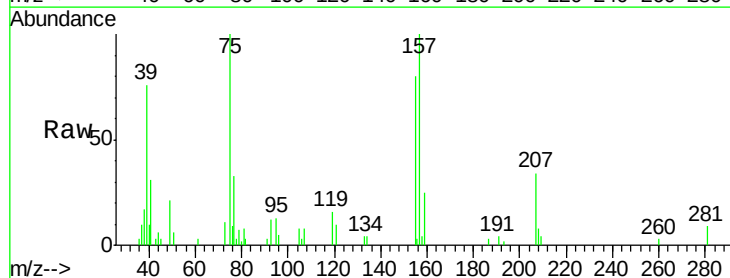
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

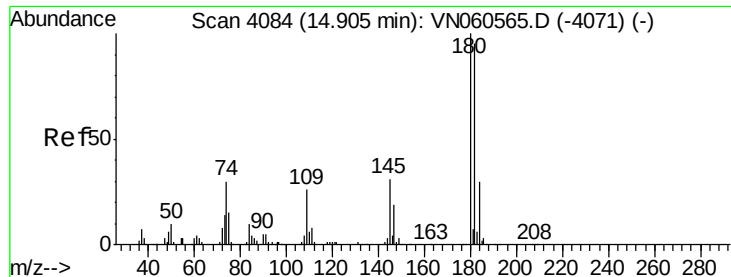
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.0	63.0
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.967 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.1	40.7	122.1
157	97.5	51.5	154.7

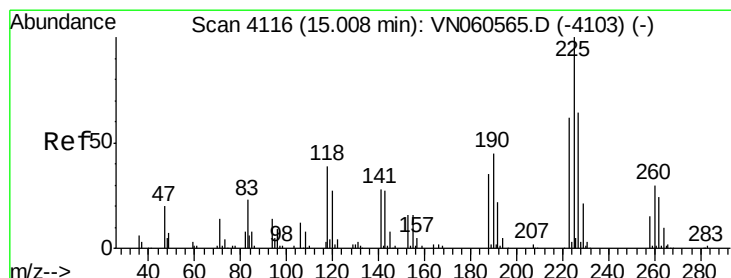
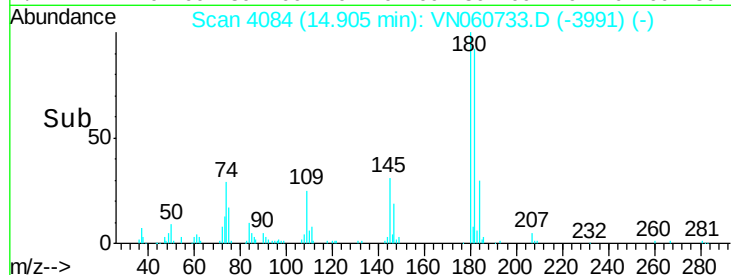
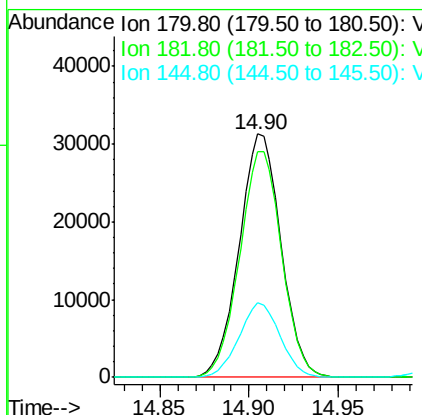
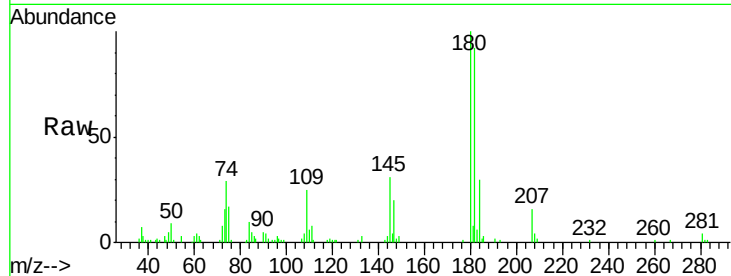




#93
 1,2,4-Trichlorobenzene
 Concen: 19.513 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

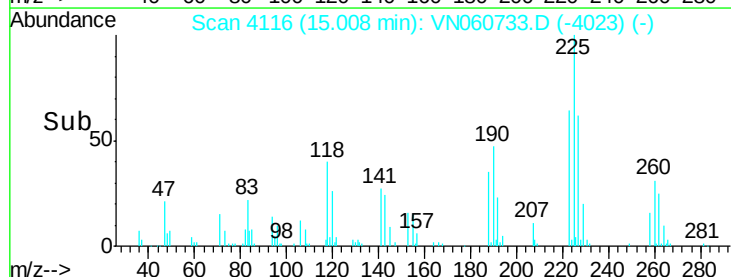
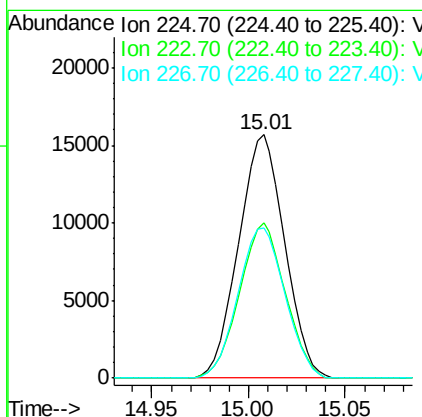
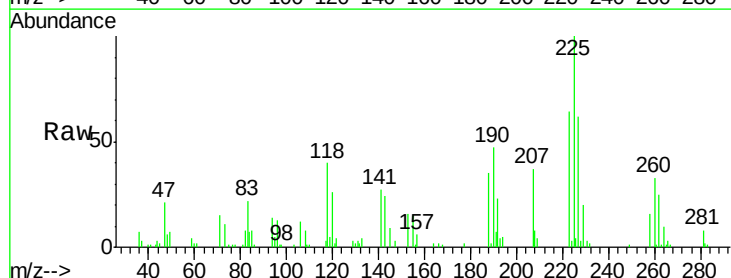
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

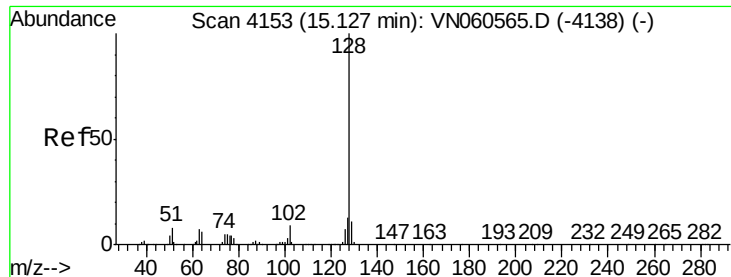
Tot Ion:180 Resp: 51049
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.9 143.8
 145 30.0 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 20.245 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060733.D
 Acq: 27 Mar 2020 11:41

Tgt Ion:225 Resp: 25963
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 63.1 32.3 96.8

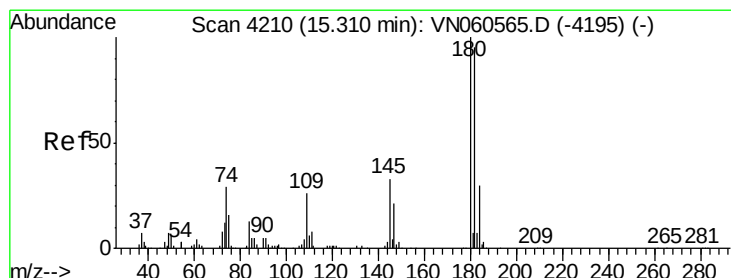
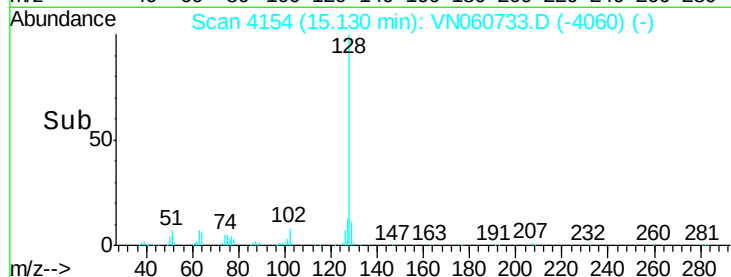
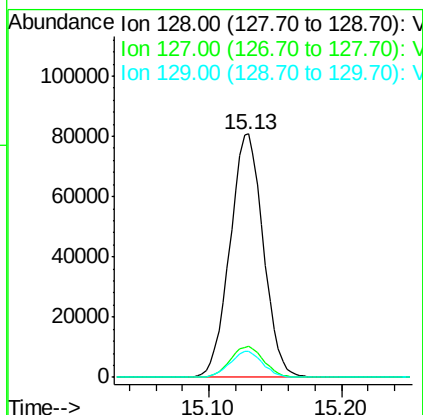
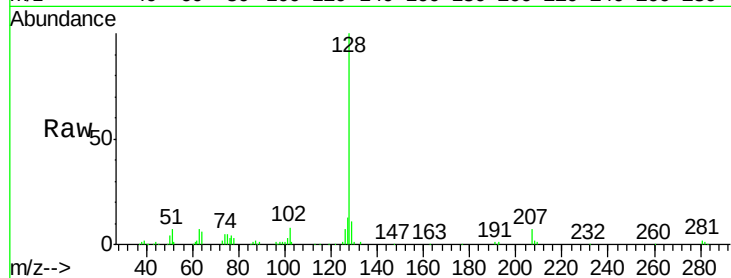




#95
Naphthalene
Concen: 17.902 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Instrument :
MSVOA_N
ClientSampled :
VN0327WBS01

Tot Ion:128 Resp: 140863
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.671 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060733.D
Acq: 27 Mar 2020 11:41

Tgt Ion:180 Resp: 48112
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.6
145 32.9 16.3 48.8

