

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032620\
 Data File : VN060706.D
 Acq On : 26 Mar 2020 11:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 27 05:28:00 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	201014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148024	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	129964	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
35) Dibromofluoromethane	7.56	113	96537	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	10.08	98	393006	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.40	95	146115	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	88922	45.718	ug/l	100
3) Chloromethane	2.04	50	153319	42.206	ug/l	99
4) Vinyl Chloride	2.17	62	118599	41.742	ug/l	98
5) Bromomethane	2.54	94	56598	46.145	ug/l	99
6) Chloroethane	2.68	64	73545	44.935	ug/l	99
7) Trichlorofluoromethane	3.00	101	158380	45.251	ug/l	96
8) Diethyl Ether	3.38	74	64484	45.862	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	96492	47.578	ug/l	100
10) Methyl Iodide	3.92	142	84230	46.674	ug/l	99
11) Tert butyl alcohol	4.72	59	74099	182.586	ug/l	99
12) 1,1-Dichloroethene	3.71	96	96038	44.128	ug/l	96
13) Acrolein	3.57	56	140386	312.122	ug/l	100
14) Allyl chloride	4.29	41	174327	45.543	ug/l	98
15) Acrylonitrile	4.93	53	255426	214.036	ug/l	99
16) Acetone	3.77	43	269621	275.839	ug/l	98
17) Carbon Disulfide	4.03	76	287685	43.464	ug/l	100
18) Methyl Acetate	4.28	43	119005	43.254	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	330854	44.217	ug/l	97
20) Methylene Chloride	4.52	84	109813	45.670	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	104515	45.059	ug/l	93
22) Diisopropyl ether	5.91	45	381005	47.114	ug/l	99
23) Vinyl Acetate	5.85	43	1540218	233.431	ug/l	99
24) 1,1-Dichloroethane	5.81	63	204164	46.311	ug/l	100
25) 2-Butanone	6.79	43	353744	223.648	ug/l	100
26) 2,2-Dichloropropane	6.79	77	177503	51.175	ug/l	100
27) cis-1,2-Dichloroethene	6.79	96	121569	46.121	ug/l	99
28) Bromochloromethane	7.16	49	110734	52.500	ug/l	99
29) Tetrahydrofuran	7.18	42	222272	198.614	ug/l	99
30) Chloroform	7.34	83	194358	45.988	ug/l	100
31) Cyclohexane	7.63	56	193589	43.558	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	167166	45.882	ug/l	99
36) 1,1-Dichloropropene	7.77	75	153102	48.206	ug/l	99
37) Ethyl Acetate	6.89	43	144826	42.202	ug/l	100
38) Carbon Tetrachloride	7.75	117	136228	47.858	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	187494	49.677	ug/l	98
40) Benzene	8.02	78	454660	47.422	ug/l	100
41) Methacrylonitrile	7.13	41	69245	47.280	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	155326	47.405	ug/l	99
43) Isopropyl Acetate	8.14	43	251224	44.389	ug/l	99
44) Trichloroethene	8.81	130	117473	48.605	ug/l	97
45) 1,2-Dichloropropane	9.10	63	122595	48.460	ug/l	98
46) Dibromomethane	9.19	93	72271	47.253	ug/l	99
47) Bromodichloromethane	9.38	83	152856	48.095	ug/l	99
48) Methyl methacrylate	9.18	41	110783	43.965	ug/l	100
49) 1,4-Dioxane	9.18	88	25928	865.688	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	705474	219.055	ug/l	99
52) Toluene	10.14	92	277539	47.933	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	179720	49.229	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	195752	48.877	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	104789	47.042	ug/l	99
56) Ethyl methacrylate	10.42	69	165702	47.707	ug/l	99
57) 1,3-Dichloropropane	10.69	76	184477	47.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	554691	321.323	ug/l	99
59) 2-Hexanone	10.74	43	520283	224.267	ug/l	100
60) Dibromochloromethane	10.89	129	110800	48.154	ug/l	99
61) 1,2-Dibromoethane	10.99	107	106079	47.358	ug/l	99
64) Tetrachloroethene	10.62	164	112716	47.103	ug/l	99
65) Chlorobenzene	11.42	112	284512	47.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	103394	47.371	ug/l	99
67) Ethyl Benzene	11.50	91	536097	47.820	ug/l	99
68) m/p-Xylenes	11.61	106	396220	95.110	ug/l	99
69) o-Xylene	11.94	106	188328	47.356	ug/l	99
70) Styrene	11.96	104	314292	48.322	ug/l	100
71) Bromoform	12.12	173	77498	42.965	ug/l #	100
73) Isopropylbenzene	12.24	105	510883	45.990	ug/l	100
74) N-amyl acetate	12.06	43	222144	43.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	144997	43.162	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	198141	62.034	ug/l #	100
77) Bromobenzene	12.52	156	120795	45.127	ug/l	98
78) n-propylbenzene	12.59	91	611462	46.591	ug/l	100
79) 2-Chlorotoluene	12.67	91	355145	45.290	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	434399	46.080	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	55191	44.378	ug/l	99
82) 4-Chlorotoluene	12.77	91	369502	46.265	ug/l	100
83) tert-Butylbenzene	12.99	119	361434	46.250	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	437867	46.950	ug/l	99
85) sec-Butylbenzene	13.17	105	496730	47.269	ug/l	100
86) p-Isopropyltoluene	13.28	119	448913	47.506	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	221642	46.947	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	221825	46.767	ug/l	99
89) n-Butylbenzene	13.61	91	419344	49.152	ug/l	99
90) Hexachloroethane	13.87	117	64609	47.037	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	213182	47.224	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	27699	39.309	ug/l	100

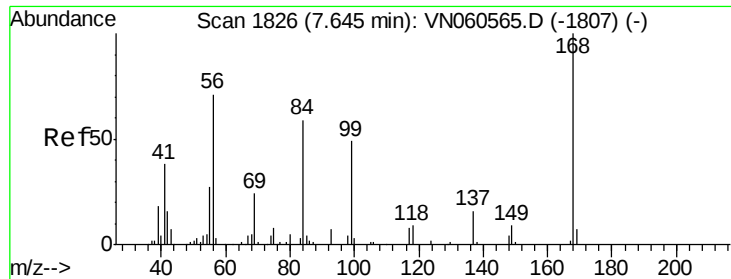
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	136763	49.334	ug/l	99
94) Hexachlorobutadiene	15.01	225	67771	49.869	ug/l	98
95) Naphthalene	15.13	128	366366	43.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	124561	45.618	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

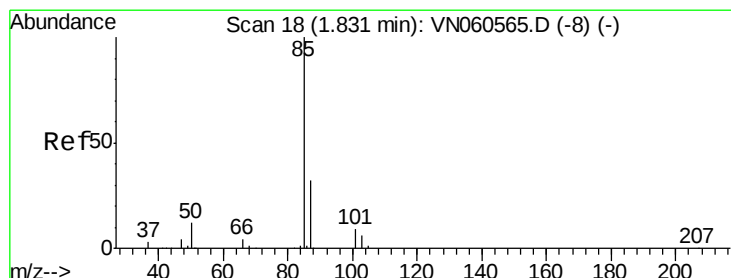
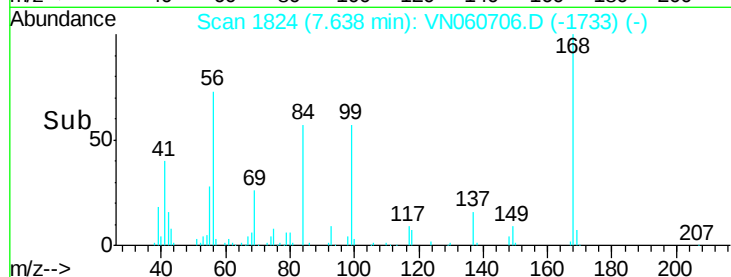
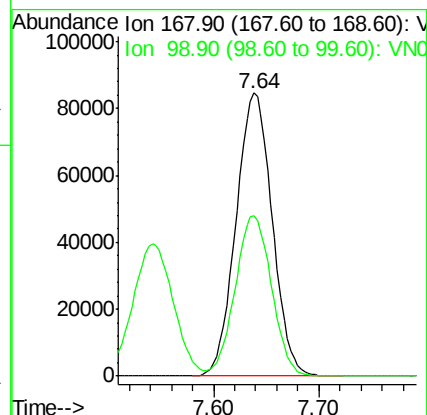
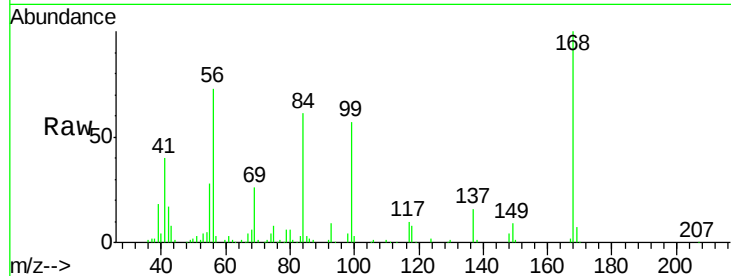
VSTDCCC050

Tgt Ion: 168 Resp: 201014

Ion Ratio Lower Upper

168 100

99 56.9 44.0 66.0



#2

Dichlorodifluoromethane

Concen: 45.718 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060706.D

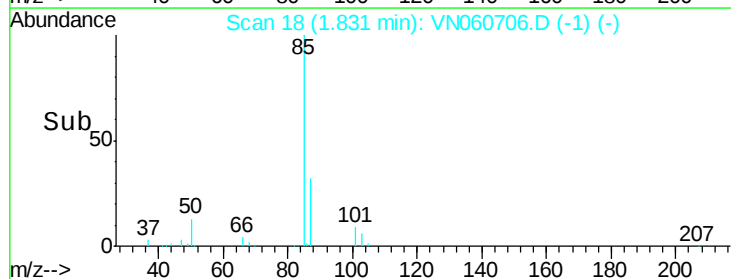
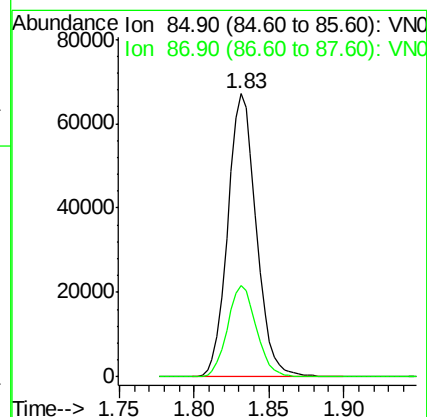
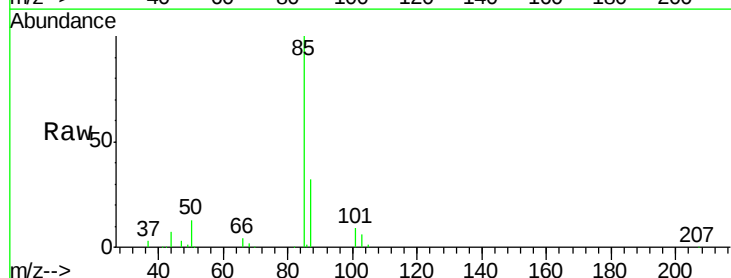
Acq: 26 Mar 2020 11:22

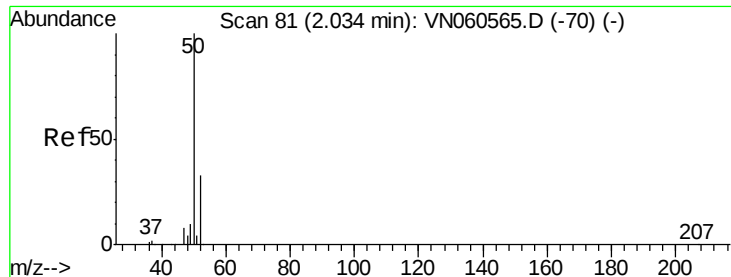
Tgt Ion: 85 Resp: 88922

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5





#3

Chloromethane

Concen: 42.206 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

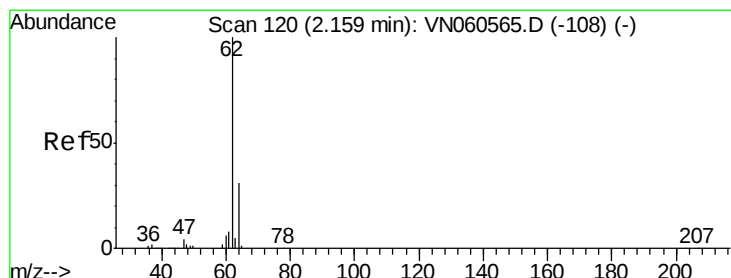
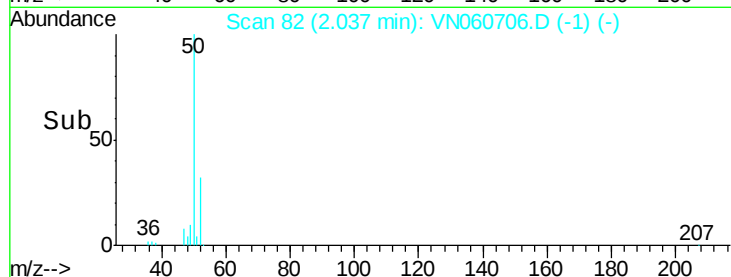
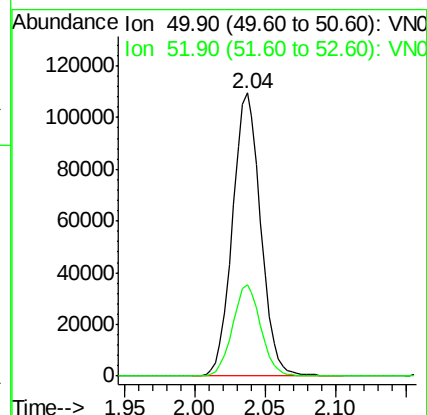
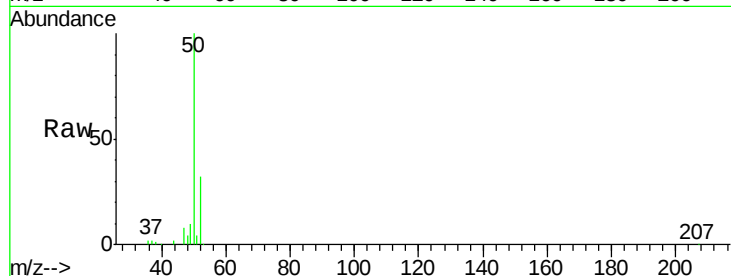
VSTDCCC050

Tgt Ion: 50 Resp: 153319

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 41.742 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060706.D

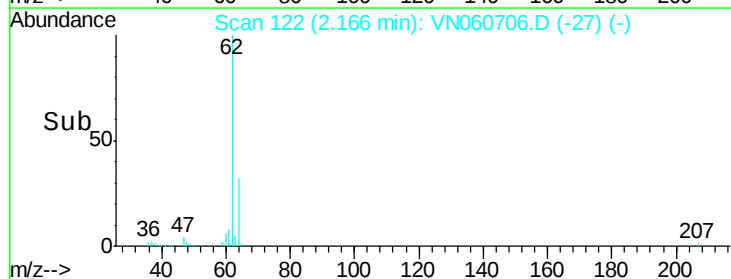
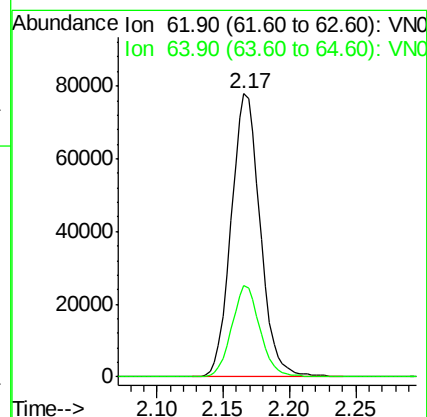
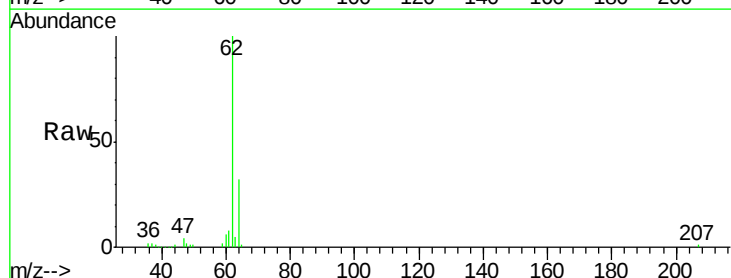
Acq: 26 Mar 2020 11:22

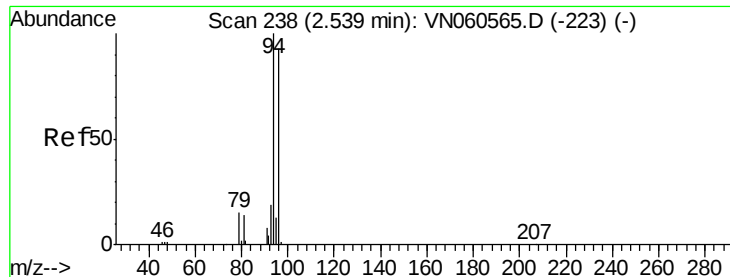
Tgt Ion: 62 Resp: 118599

Ion Ratio Lower Upper

62 100

64 32.1 24.7 37.1





#5

Bromomethane

Concen: 46.145 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

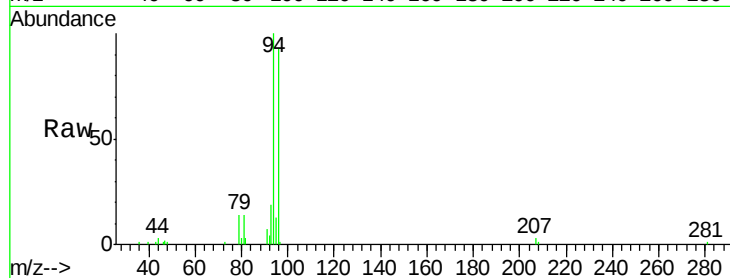
VSTDCCC050

Tgt Ion: 94 Resp: 56598

Ion Ratio Lower Upper

94 100

96 92.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060706.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060706.D (-145) (-)

2.54

30000

25000

20000

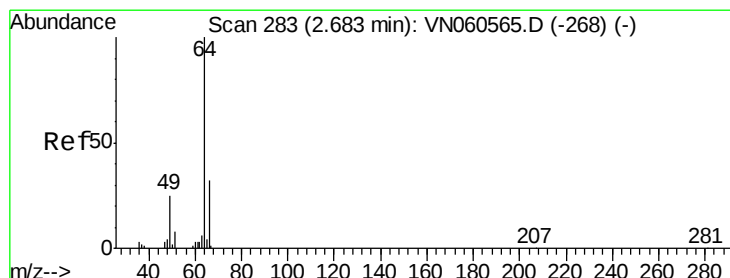
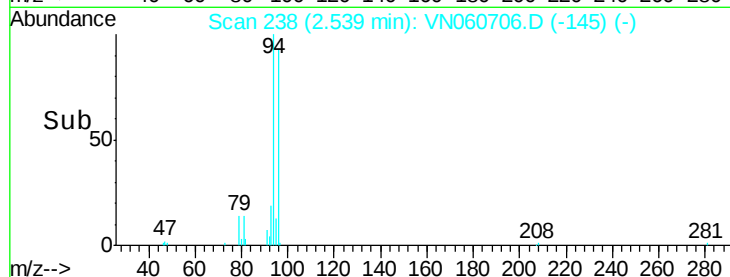
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 44.935 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060706.D

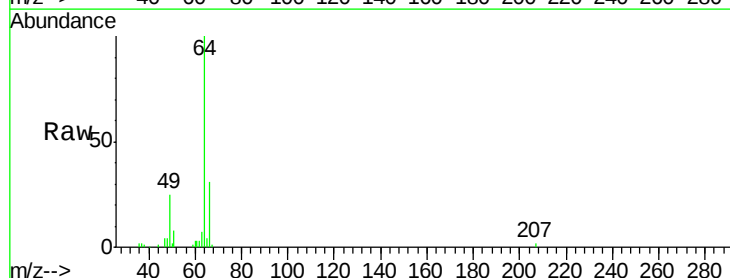
Acq: 26 Mar 2020 11:22

Tgt Ion: 64 Resp: 73545

Ion Ratio Lower Upper

64 100

66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060706.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060706.D (-190) (-)

2.68

40000

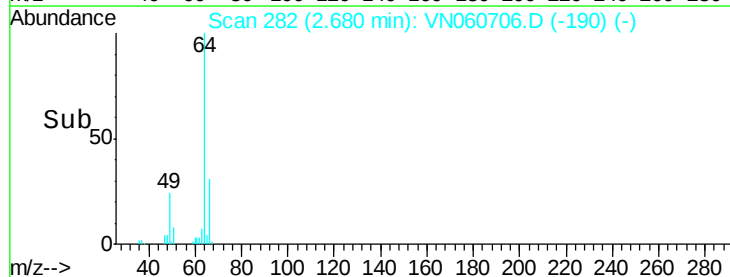
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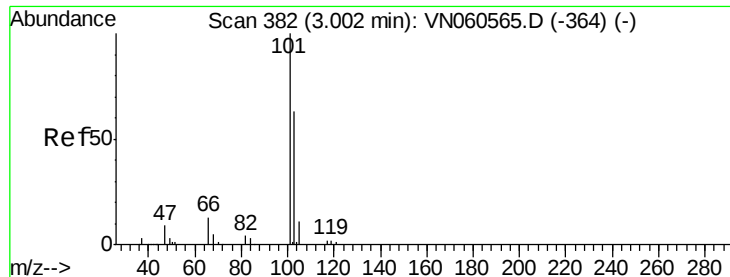
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Time-->



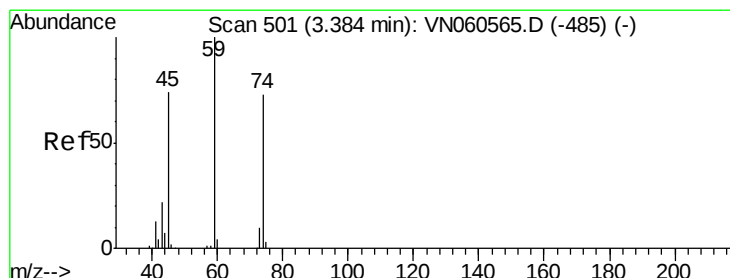
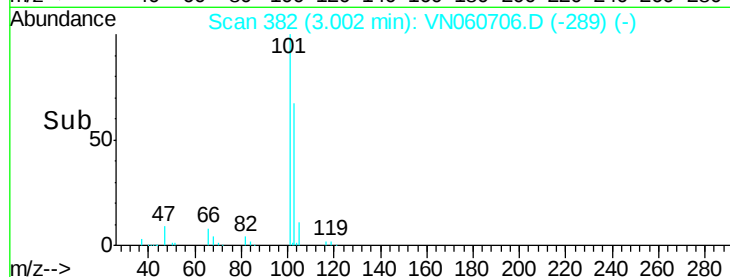
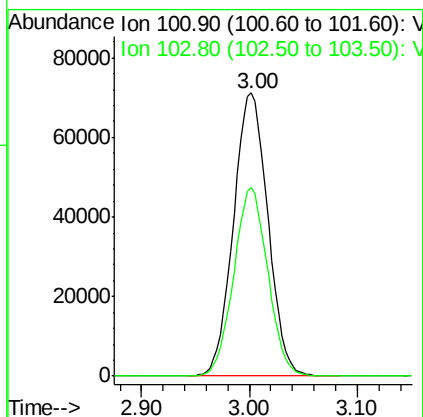
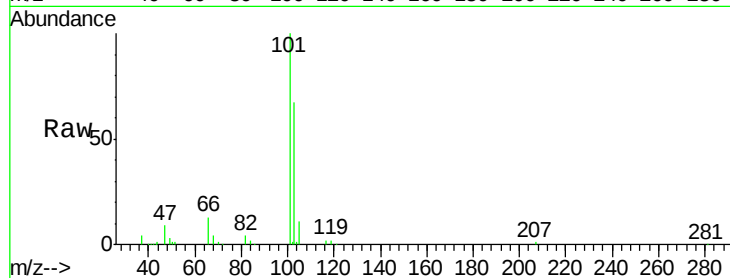


#7

Trichlorofluoromethane
 Concen: 45.251 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Instrument :
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 VSTDCCC050

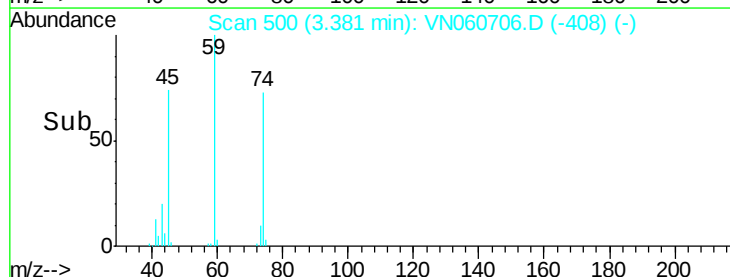
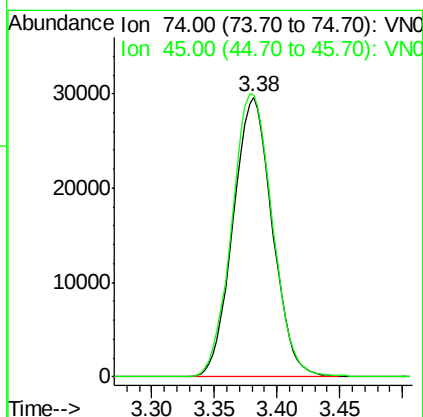
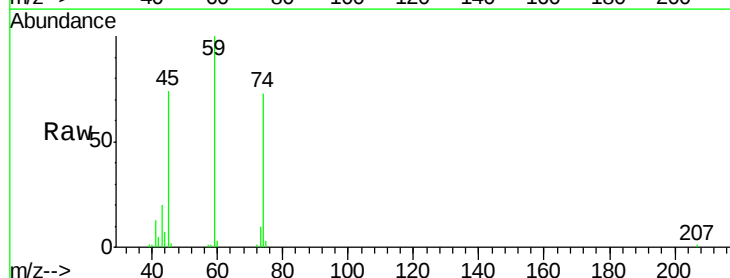
Tgt Ion: 101 Resp: 158380
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.6 76.0

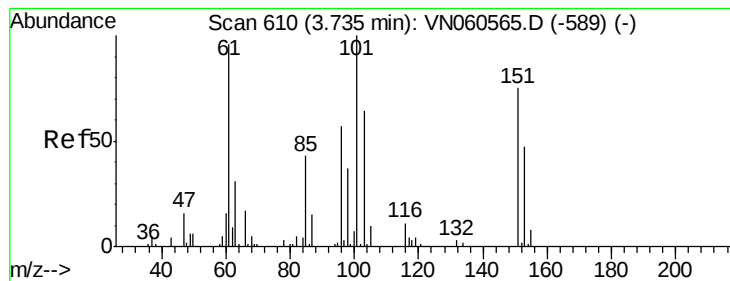


#8

Diethyl Ether
 Concen: 45.862 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion: 74 Resp: 64484
 Ion Ratio Lower Upper
 74 100
 45 104.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.578 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

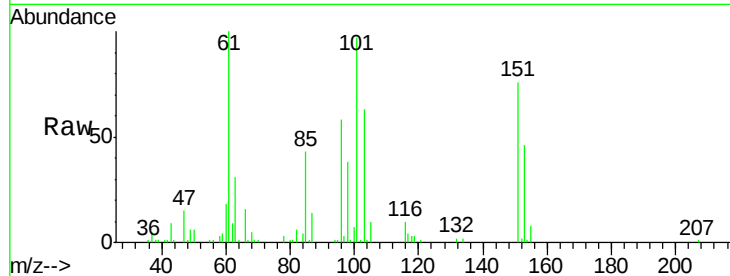
Tgt Ion:101 Resp: 96492

Ion Ratio Lower Upper

101 100

85 43.9 35.6 53.4

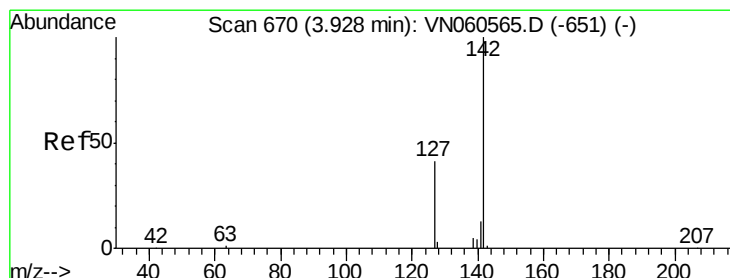
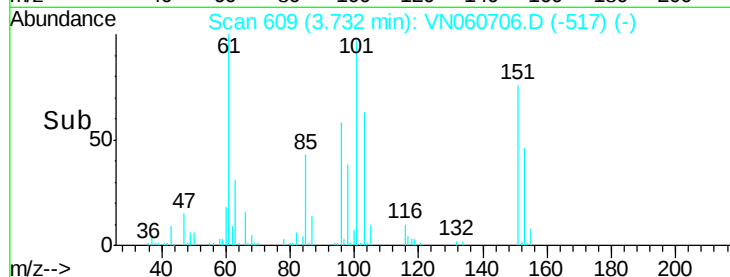
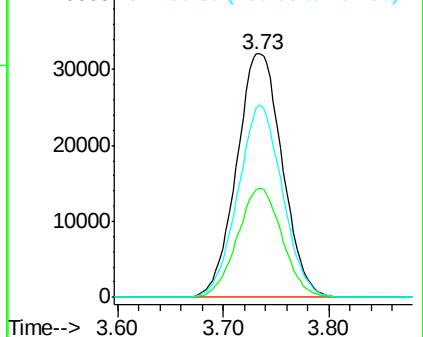
151 76.9 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.674 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

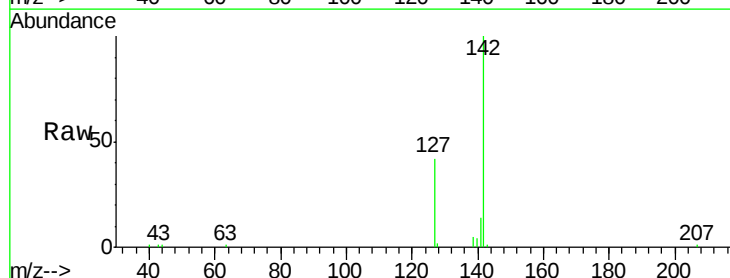
Tgt Ion:142 Resp: 84230

Ion Ratio Lower Upper

142 100

127 41.3 33.5 50.3

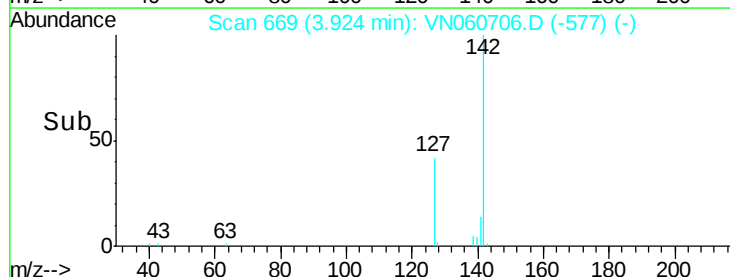
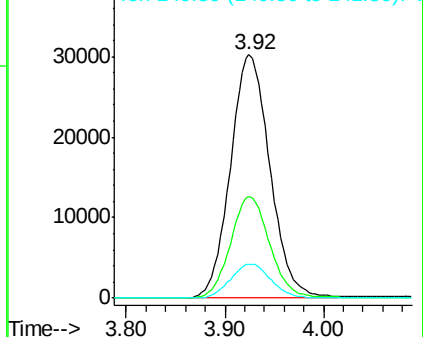
141 14.1 11.0 16.6

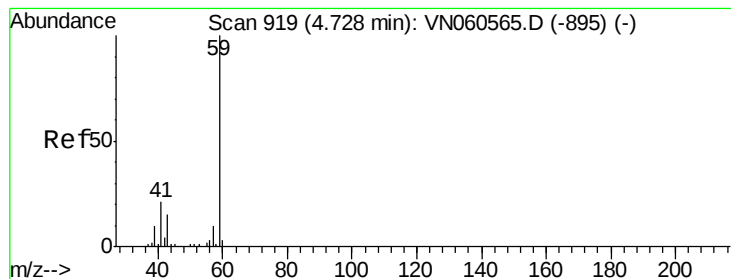


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



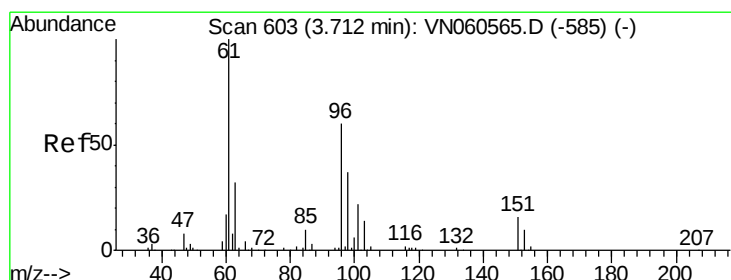
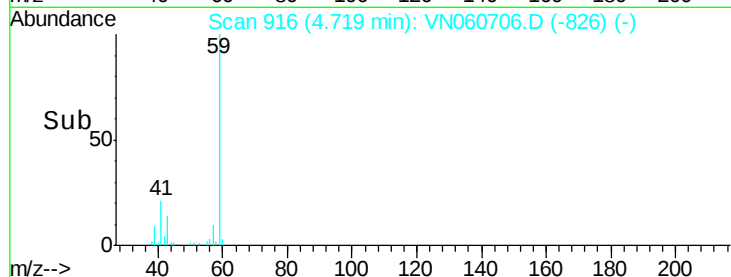
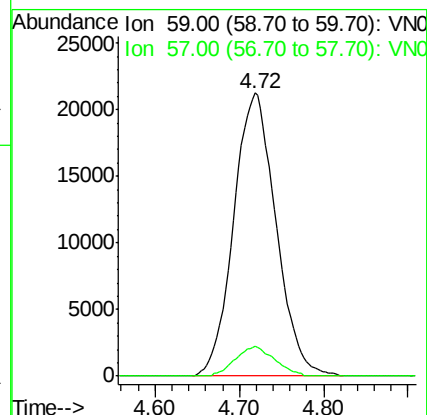
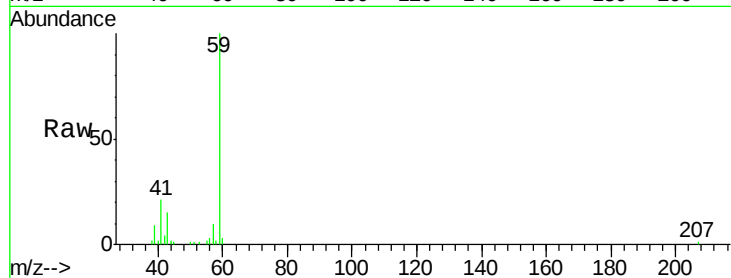


#11

Tert butyl alcohol
 Concen: 182.586 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

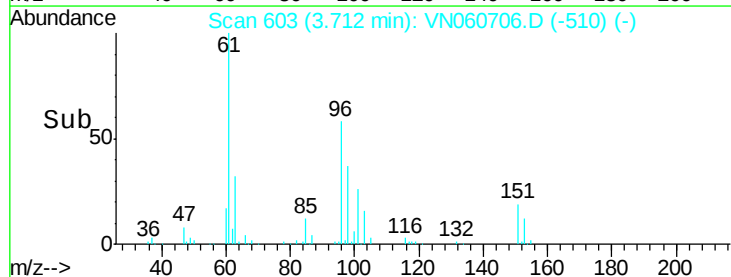
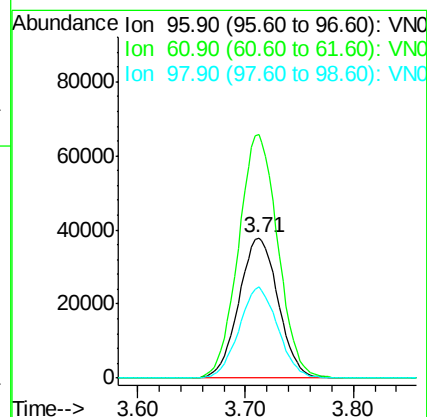
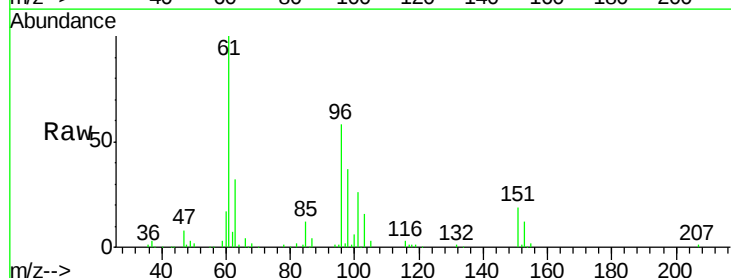
Tgt Ion: 59 Resp: 74099
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.4

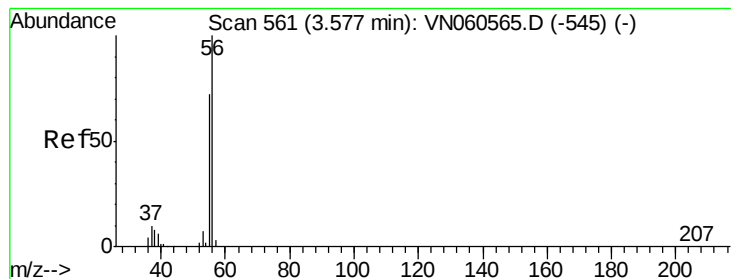


#12

1,1-Dichloroethene
 Concen: 44.128 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion: 96 Resp: 96038
 Ion Ratio Lower Upper
 96 100
 61 173.7 134.1 201.1
 98 64.7 49.9 74.9





#13

Acrolein

Concen: 312.122 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

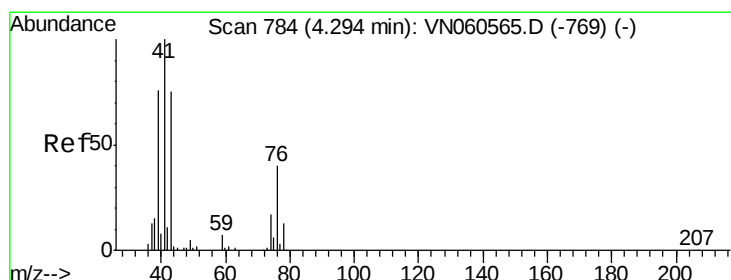
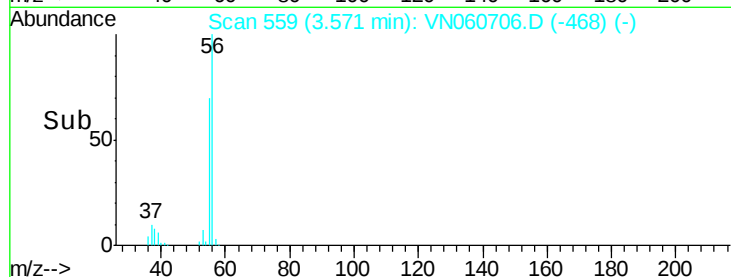
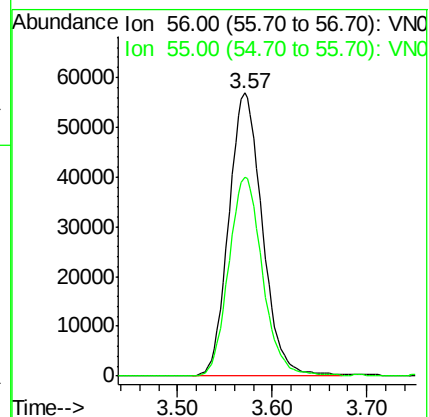
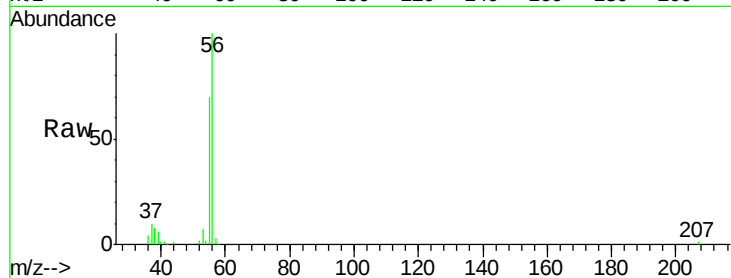
VSTDCCC050

Tgt Ion: 56 Resp: 140386

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Allyl chloride

Concen: 45.543 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

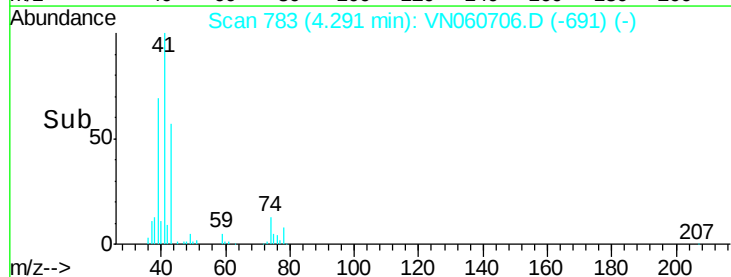
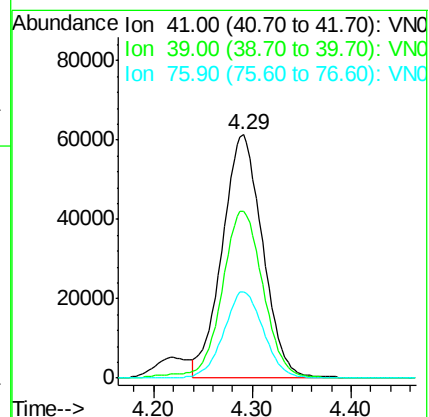
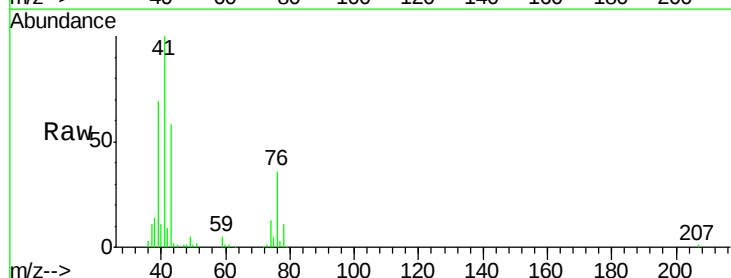
Tgt Ion: 41 Resp: 174327

Ion Ratio Lower Upper

41 100

39 70.7 57.8 86.8

76 35.1 28.6 43.0





#15

Acrylonitrile

Concen: 214.036 ug/l

RT: 4.93 min Scan# 983

Delta R.T. -0.01 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

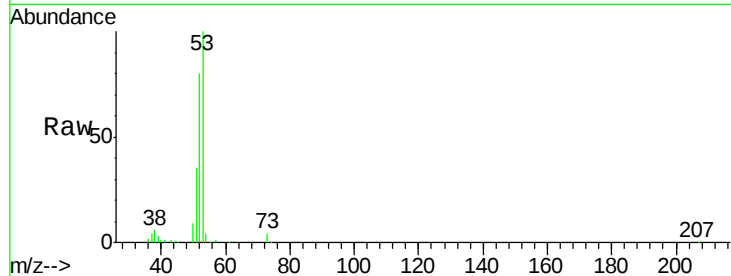
Tgt Ion: 53 Resp: 255426

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.4

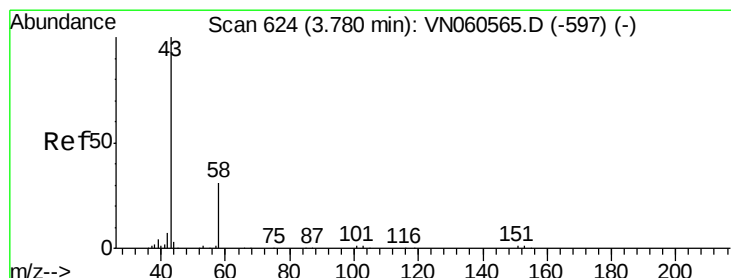
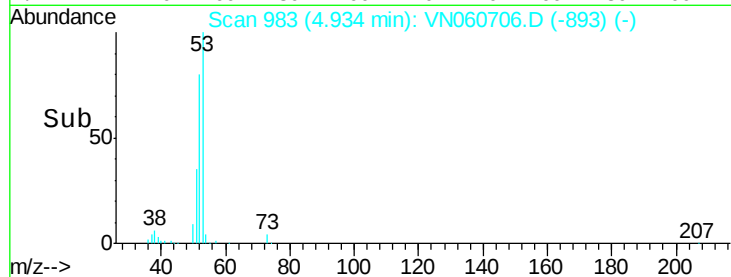
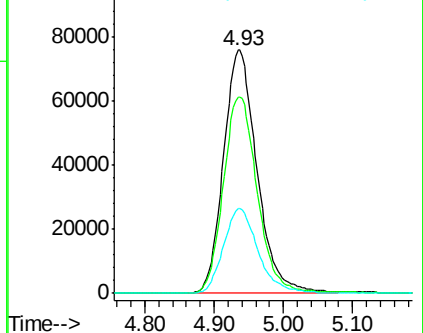
51 36.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN060706.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060706.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060706.D (-964) (-)



#16

Acetone

Concen: 275.839 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060706.D

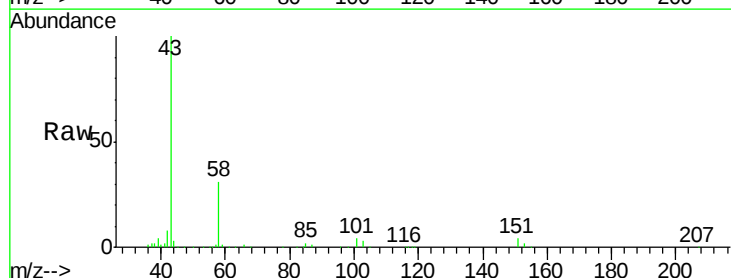
Acq: 26 Mar 2020 11:22

Tgt Ion: 43 Resp: 269621

Ion Ratio Lower Upper

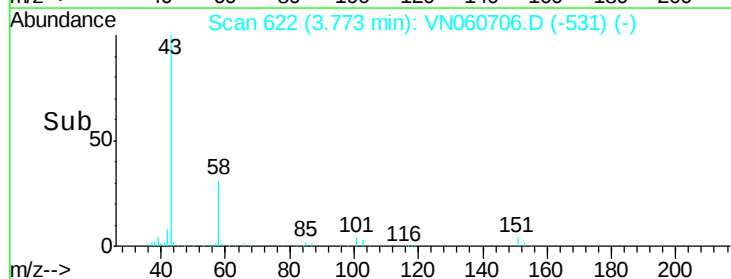
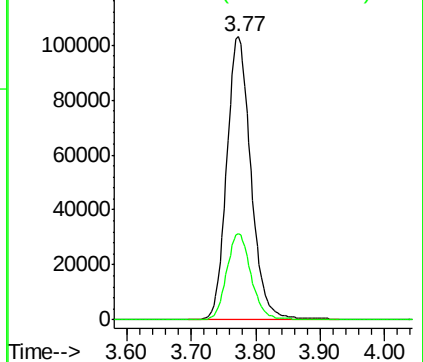
43 100

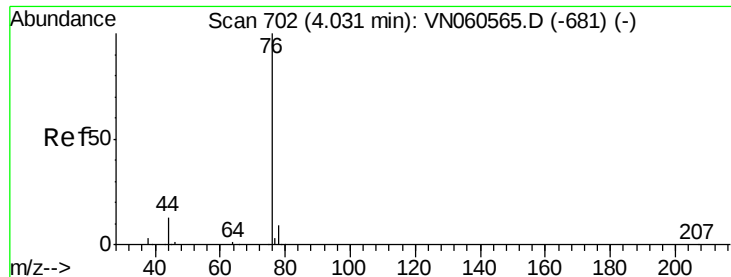
58 30.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060706.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060706.D (-597) (-)

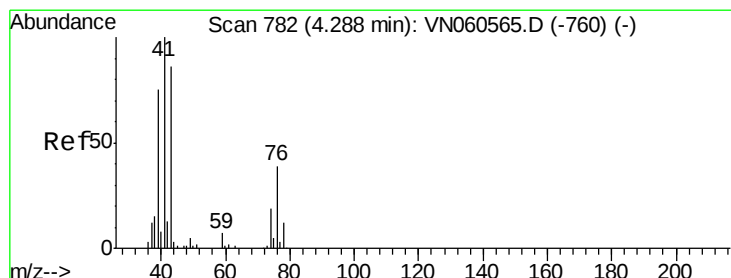
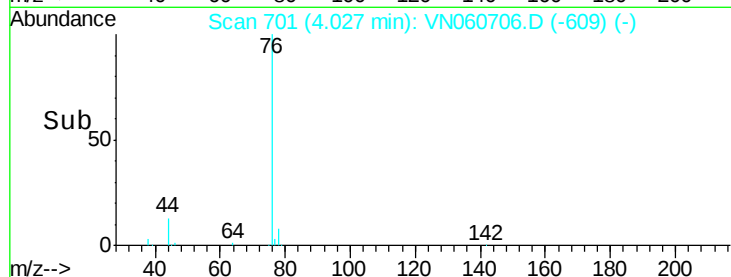
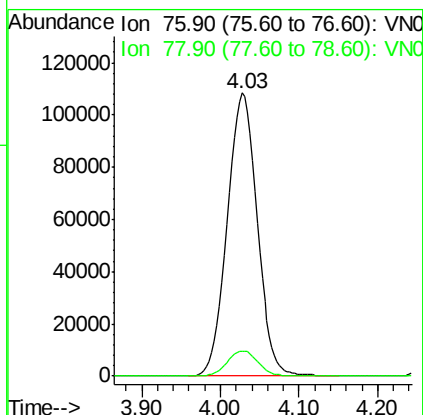
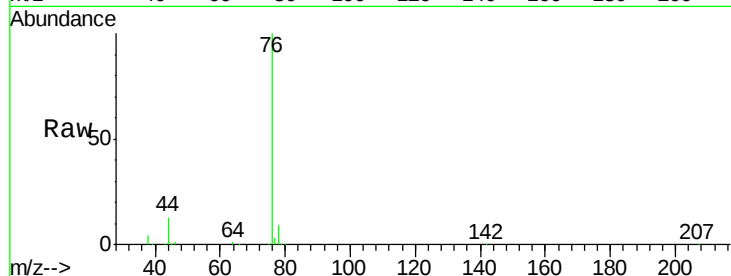




#17
Carbon Disulfide
Concen: 43.464 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

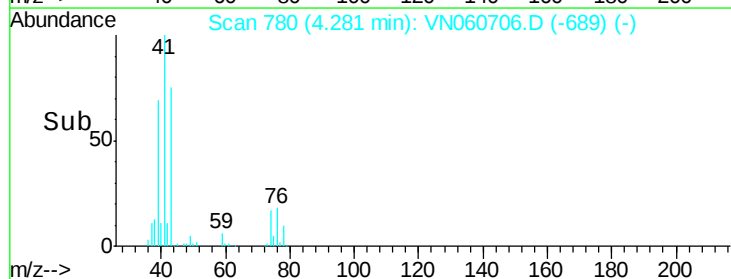
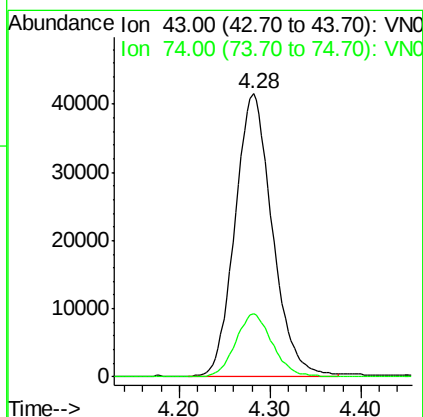
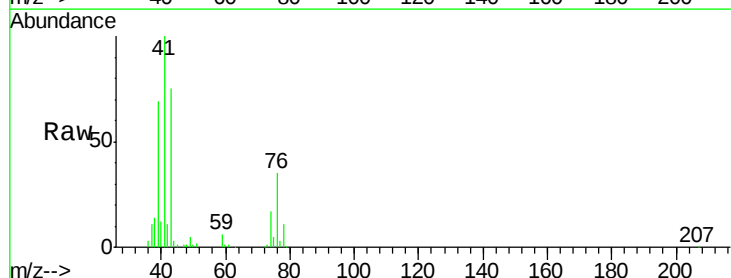
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

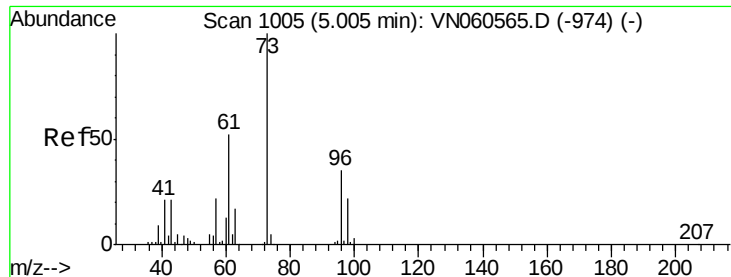
Tgt Ion: 76 Resp: 287685
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 43.254 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.01 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion: 43 Resp: 119005
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3

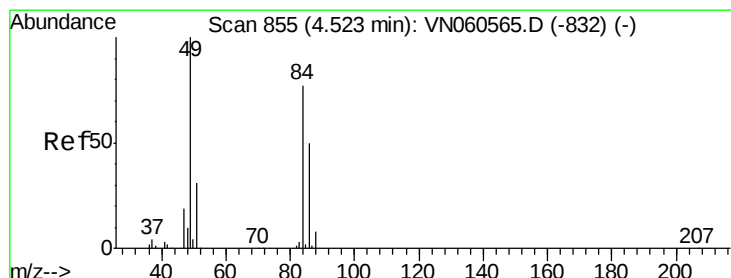
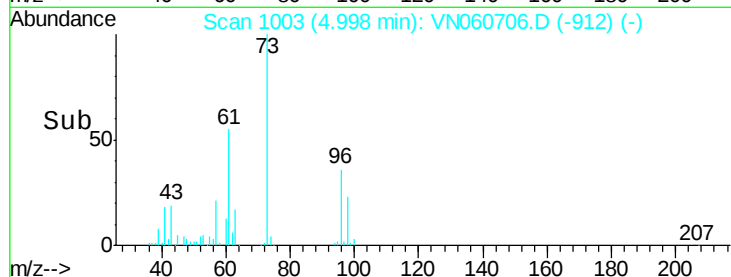
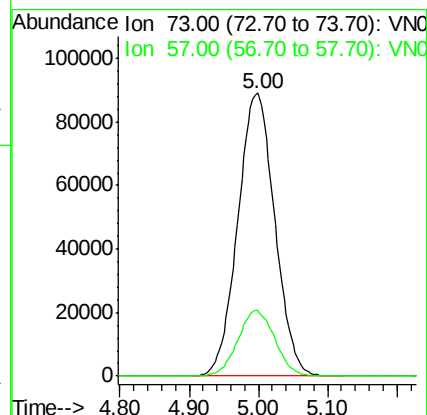
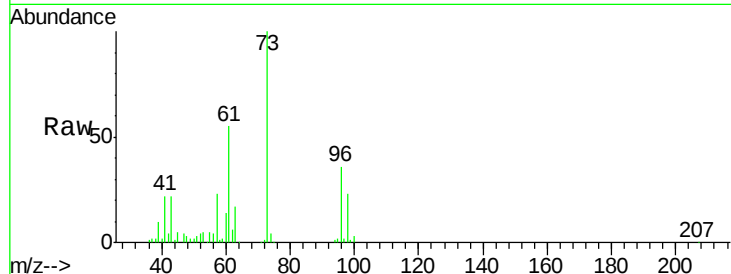




#19
Methyl tert-butyl Ether
Concen: 44.217 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

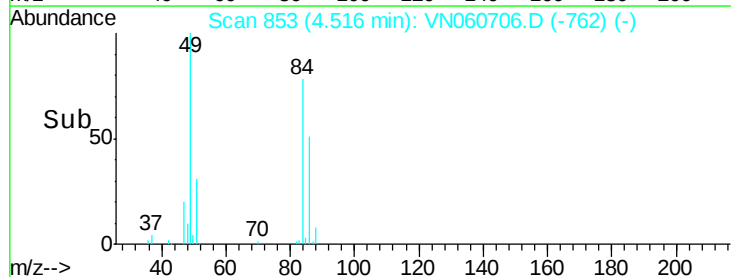
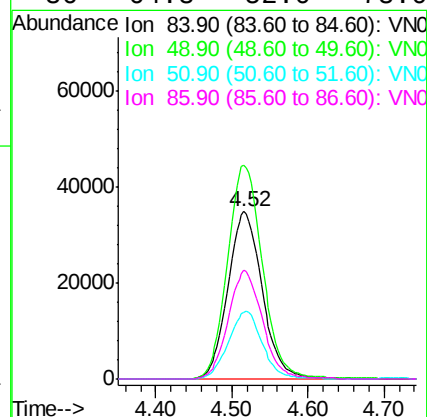
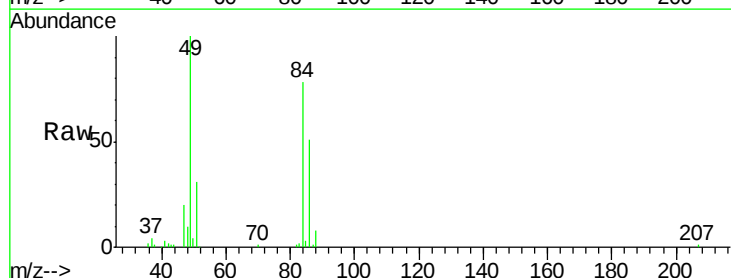
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

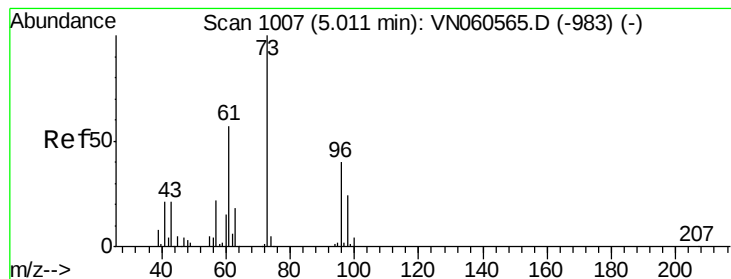
Tgt Ion: 73 Resp: 330854
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3



#20
Methylene Chloride
Concen: 45.670 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion: 84 Resp: 109813
Ion Ratio Lower Upper
84 100
49 127.5 103.3 154.9
51 40.1 31.6 47.4
86 64.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 45.059 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

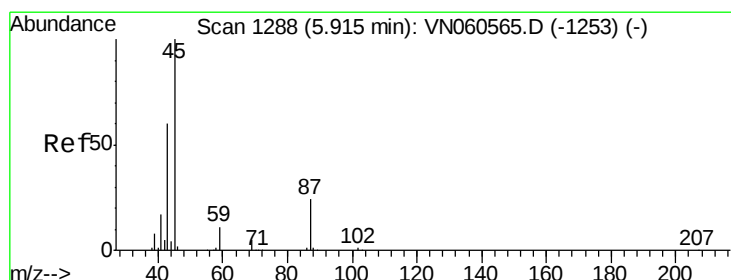
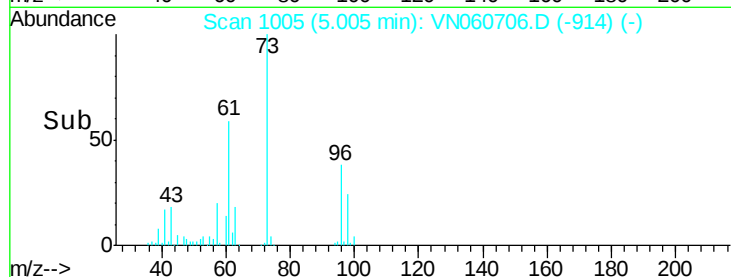
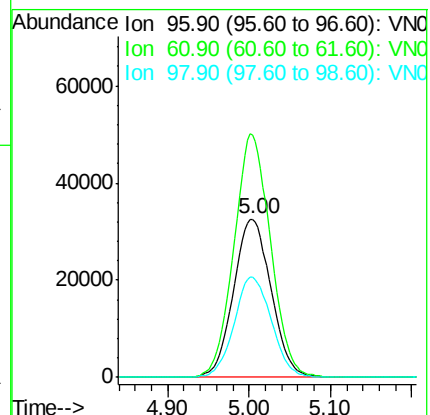
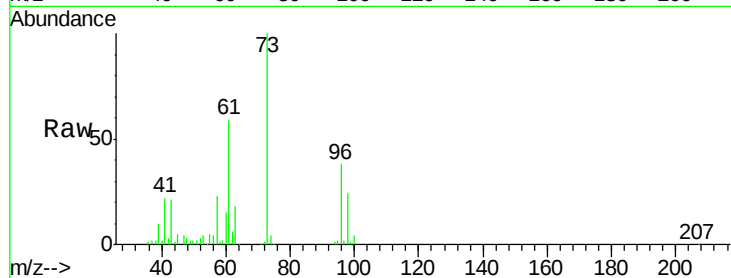
Tgt Ion: 96 Resp: 104515

Ion Ratio Lower Upper

96 100

61 153.3 114.4 171.6

98 63.3 48.4 72.6



#22

Diisopropyl ether

Concen: 47.114 ug/l

RT: 5.91 min Scan# 1286

Delta R.T. -0.01 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Tgt Ion: 45 Resp: 381005

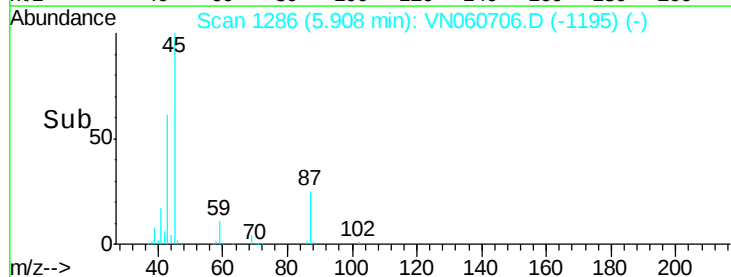
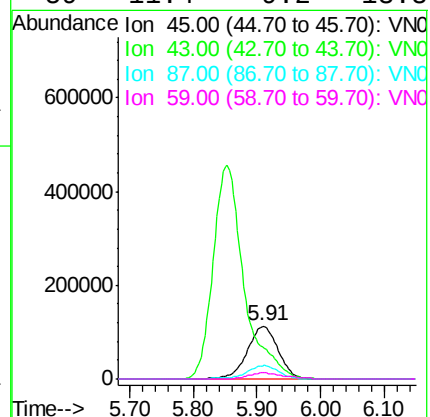
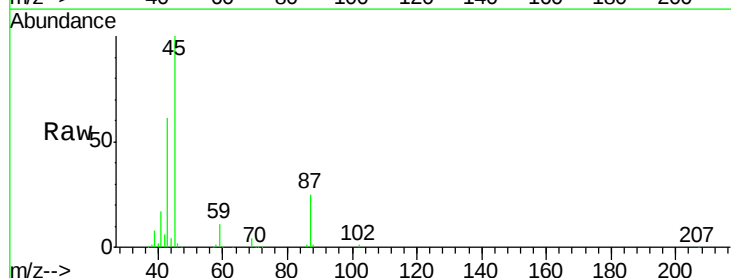
Ion Ratio Lower Upper

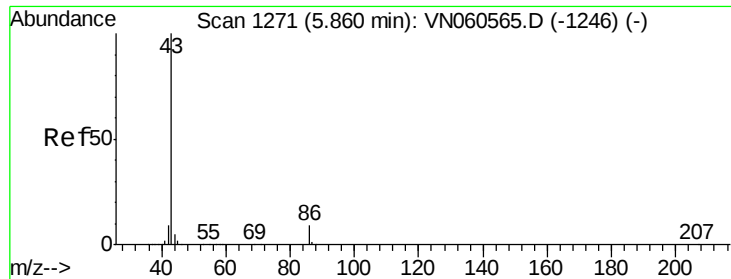
45 100

43 60.7 49.8 74.8

87 25.3 20.1 30.1

59 11.4 9.2 13.8

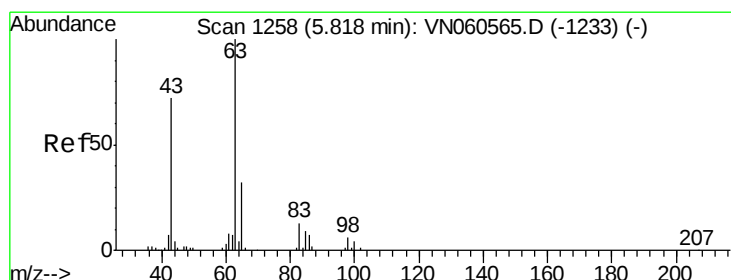
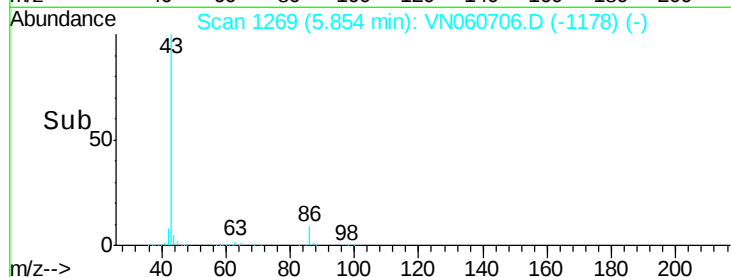
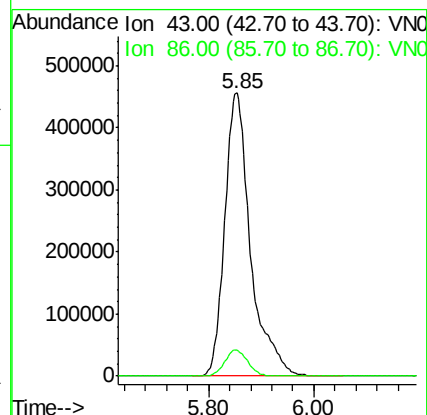
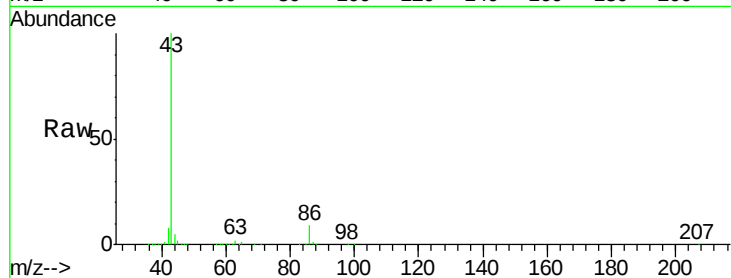




#23
 Vinyl Acetate
 Concen: 233.431 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

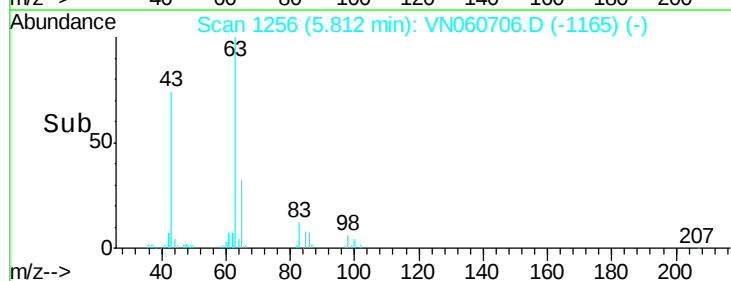
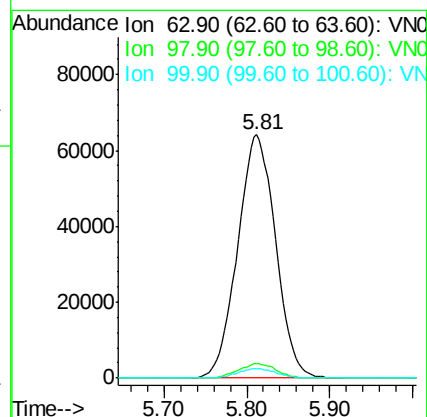
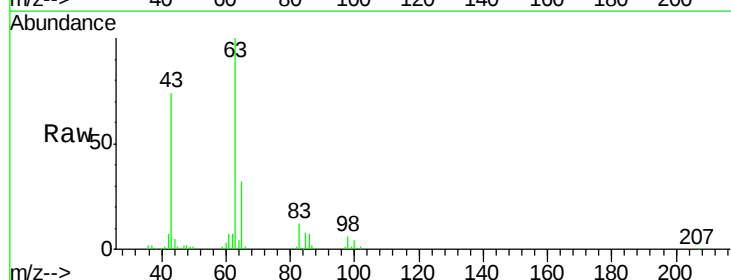
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1540218
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 46.311 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion: 63 Resp: 204164
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 223.648 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampled :

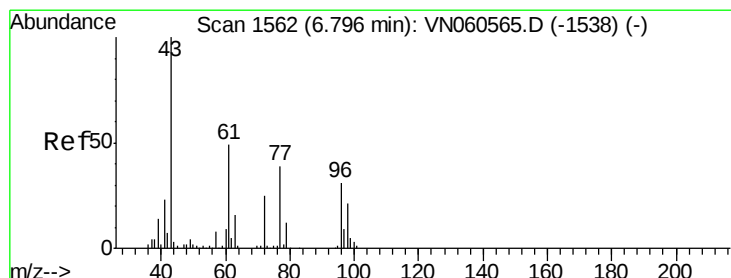
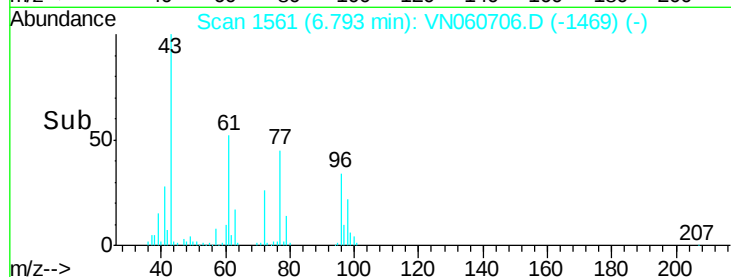
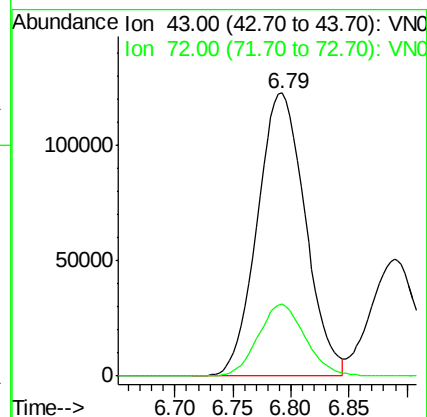
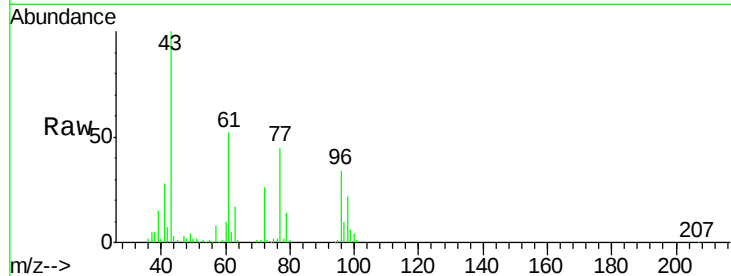
VSTDCCC050

Tgt Ion: 43 Resp: 353744

Ion Ratio Lower Upper

43 100

72 25.5 20.4 30.6



#26

2,2-Dichloropropane

Concen: 51.175 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.01 min

Lab File: VN060706.D

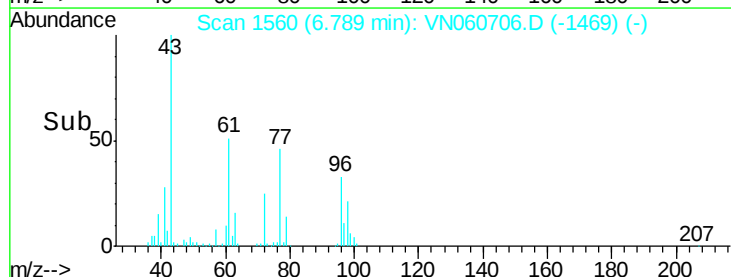
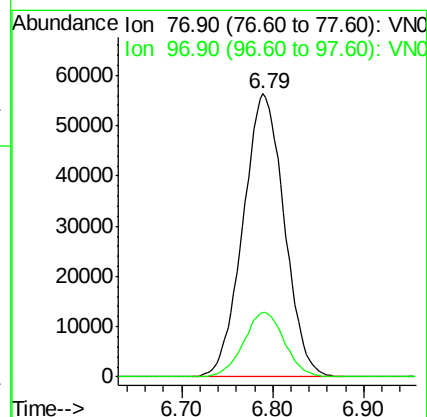
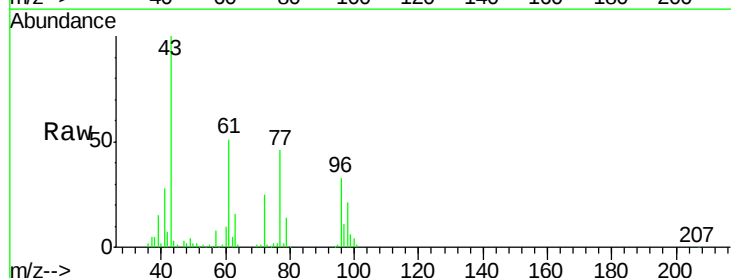
Acq: 26 Mar 2020 11:22

Tgt Ion: 77 Resp: 177503

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1

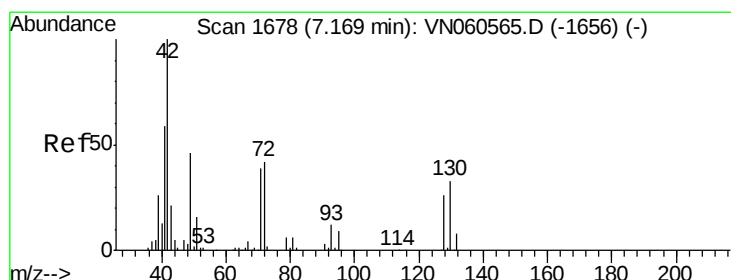
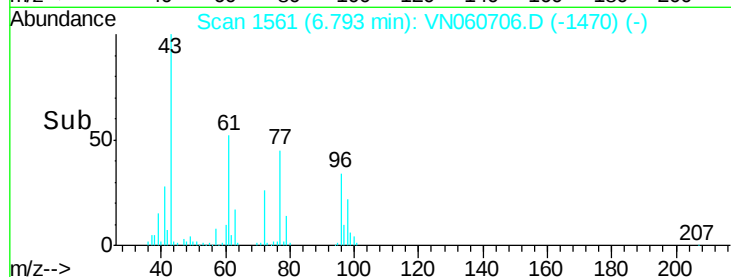
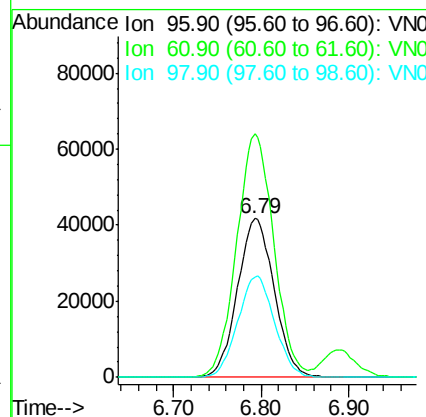
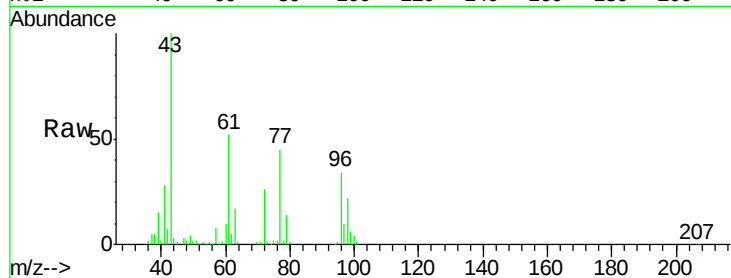




#27
 cis-1,2-Dichloroethene
 Concen: 46.121 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

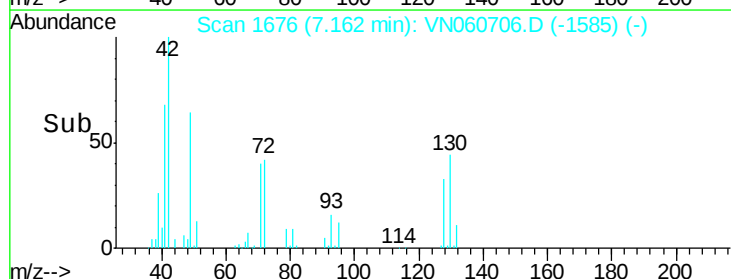
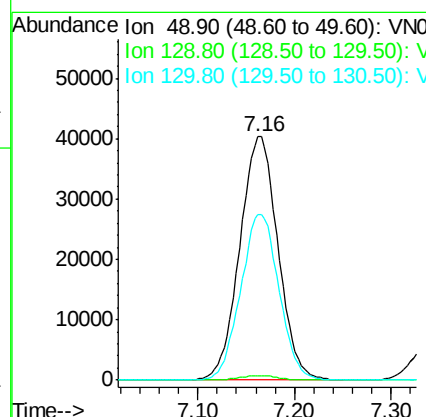
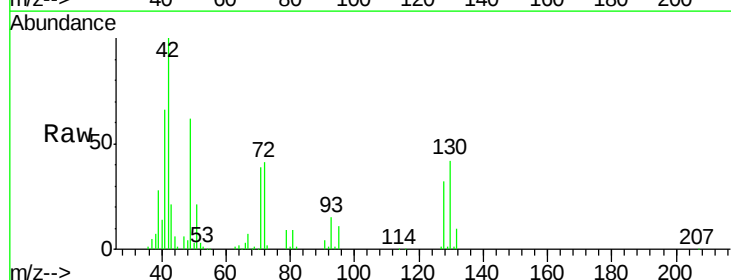
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 121569
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 305.6
 98 63.9 0.0 127.6



#28
 Bromochloromethane
 Concen: 52.500 ug/l
 RT: 7.16 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion: 49 Resp: 110734
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 68.2 55.0 82.4

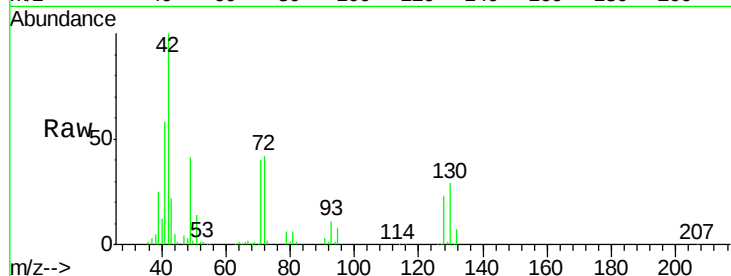




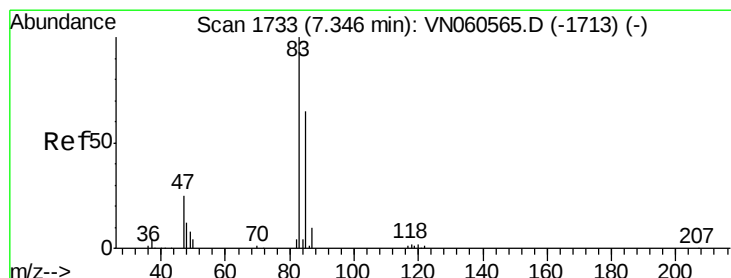
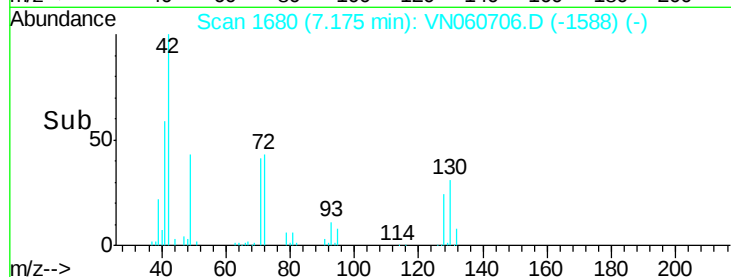
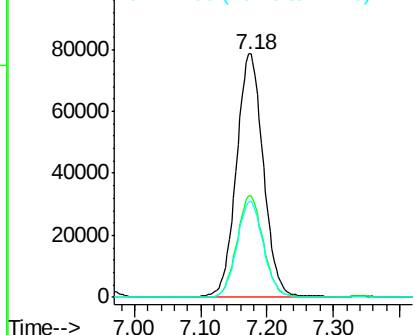
#29
Tetrahydrofuran
Concen: 198.614 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 222272
Ion Ratio Lower Upper
42 100
72 40.7 33.2 49.8
71 38.6 31.1 46.7

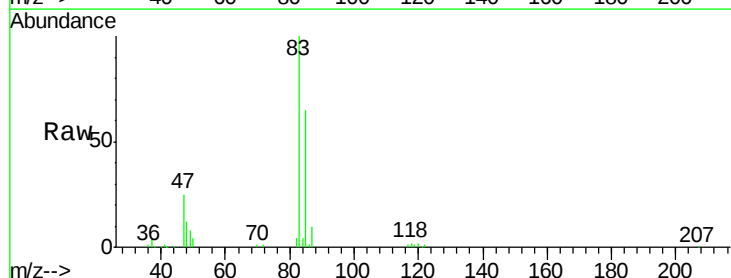


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

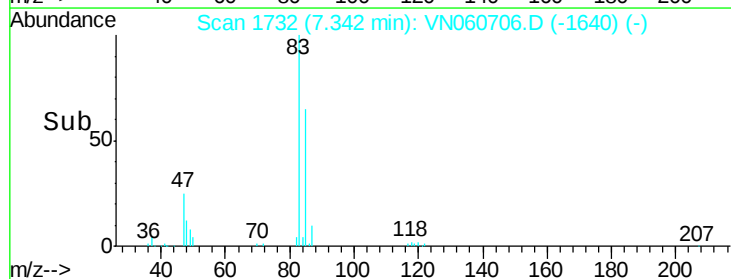
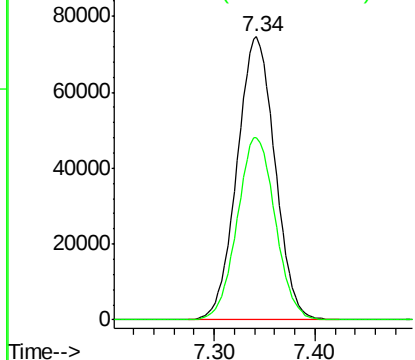


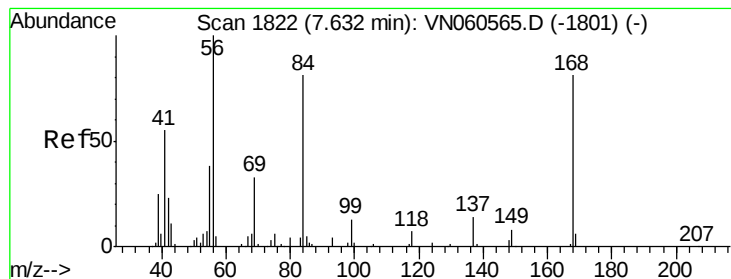
#30
Chloroform
Concen: 45.988 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion: 83 Resp: 194358
Ion Ratio Lower Upper
83 100
85 64.6 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: 43.558 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

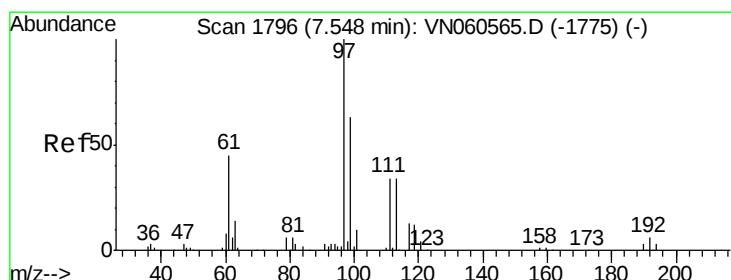
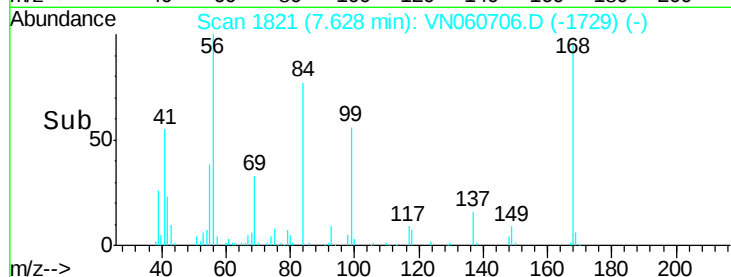
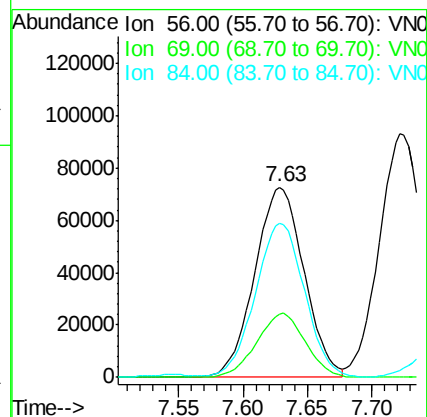
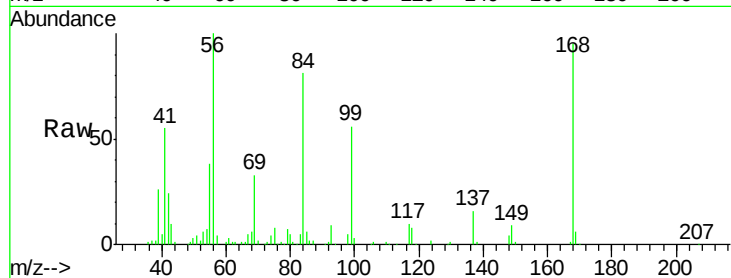
Tgt Ion: 56 Resp: 193589

Ion Ratio Lower Upper

56 100

69 33.4 26.6 40.0

84 80.1 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 45.882 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

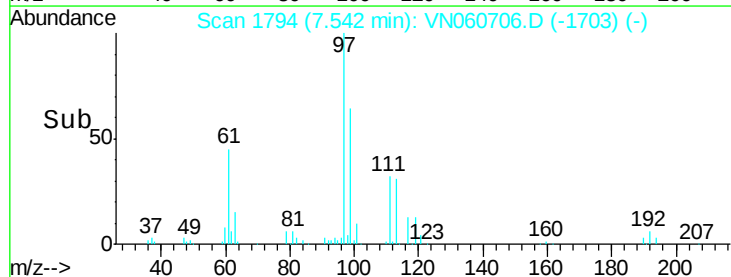
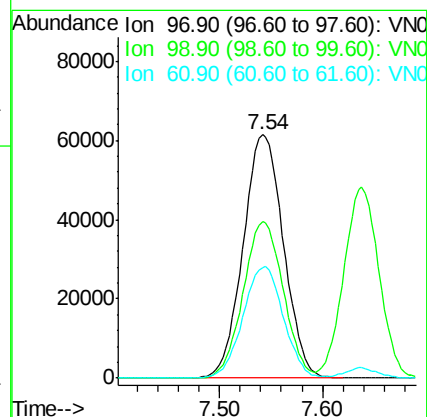
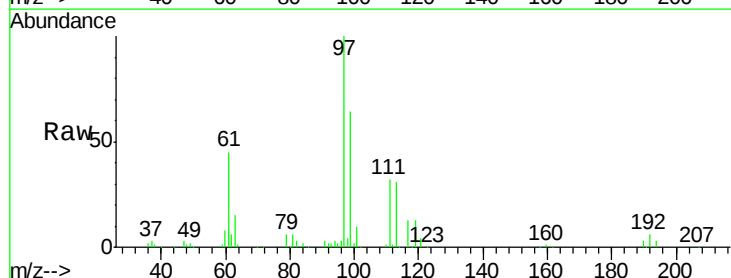
Tgt Ion: 97 Resp: 167166

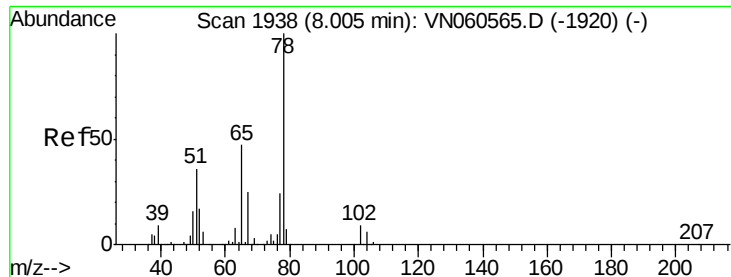
Ion Ratio Lower Upper

97 100

99 63.8 50.6 75.8

61 45.9 36.2 54.4

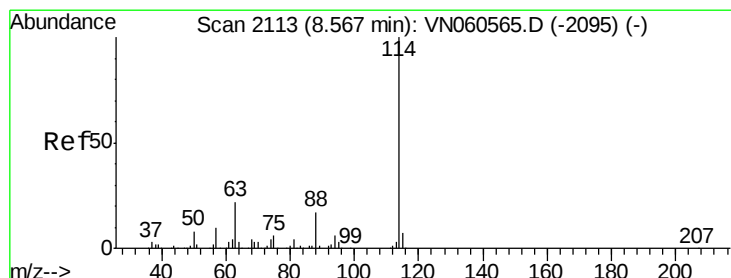
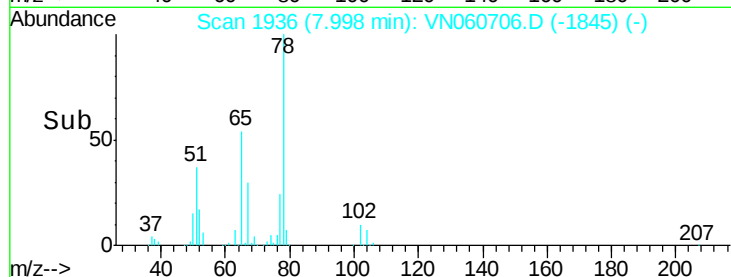
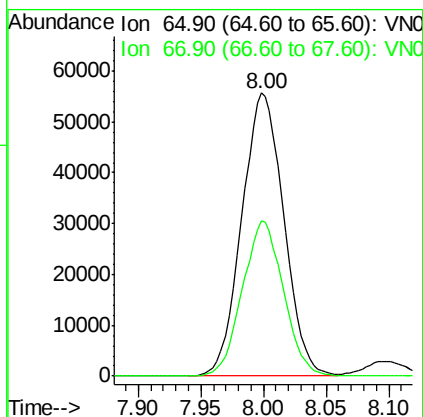
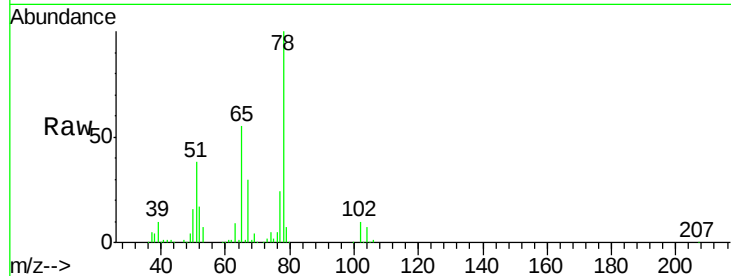




#33
 1,2-Dichloroethane-d4
 Concen: 47.098 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

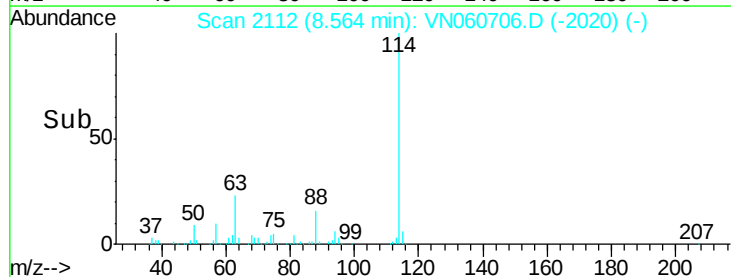
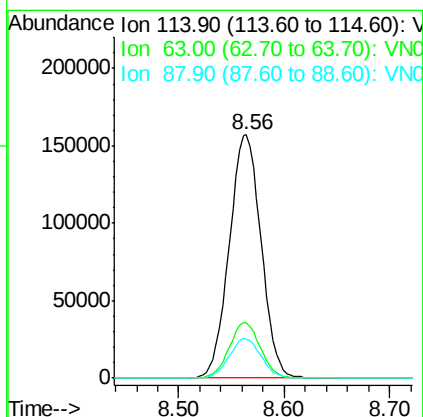
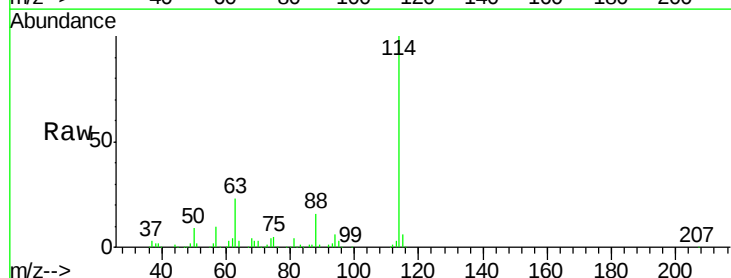
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

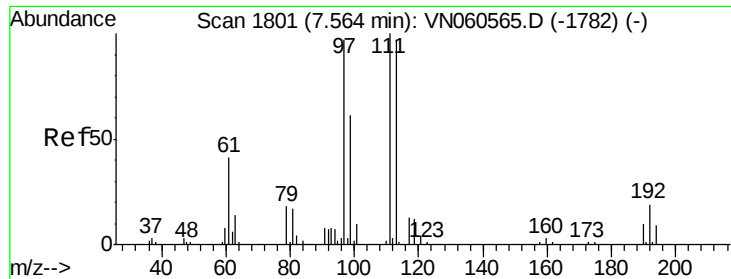
Tgt Ion: 65 Resp: 129964
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion: 114 Resp: 327992
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.676 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

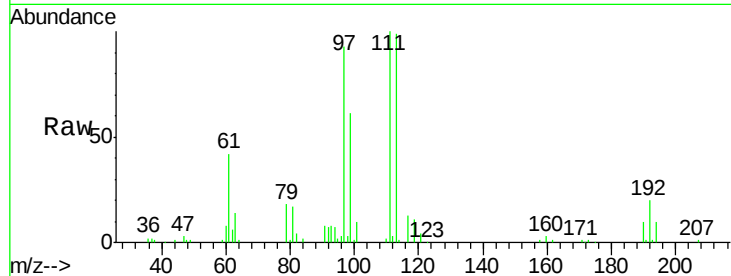
Tgt Ion:113 Resp: 96537

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

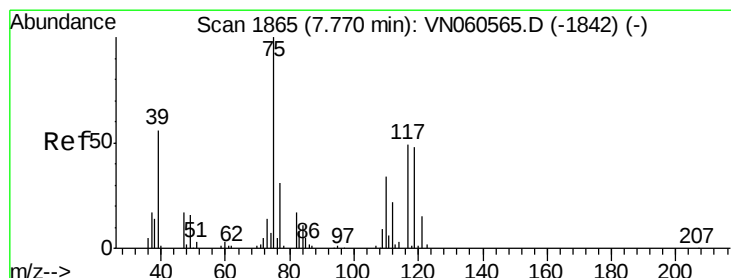
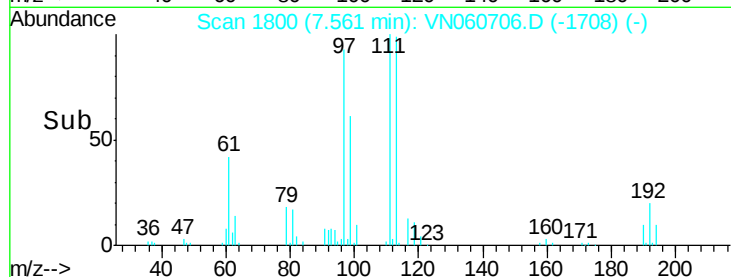
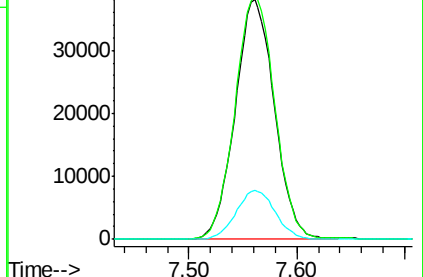
192 20.3 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.206 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

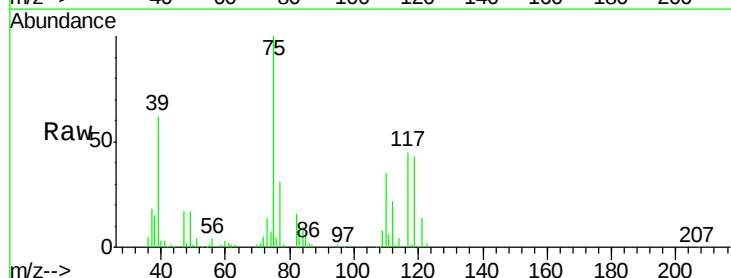
Tgt Ion: 75 Resp: 153102

Ion Ratio Lower Upper

75 100

110 34.4 16.9 50.6

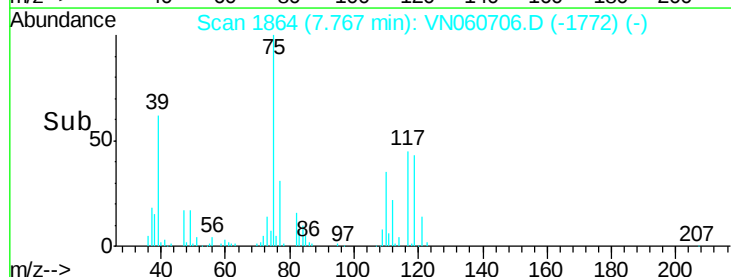
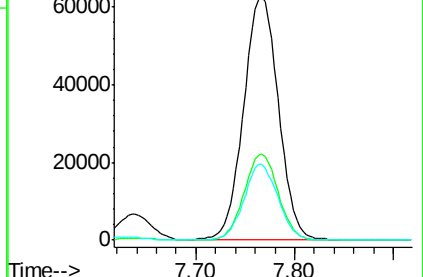
77 30.4 24.6 36.8

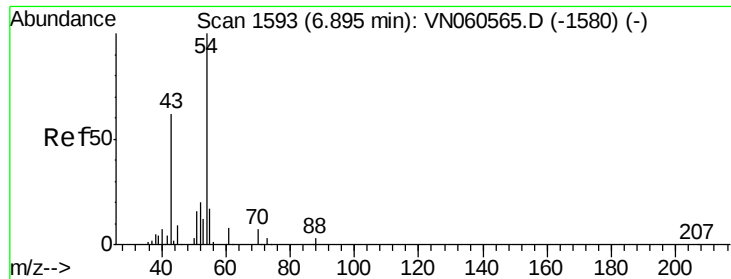


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

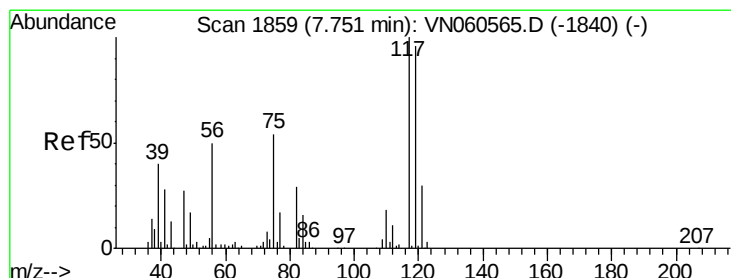
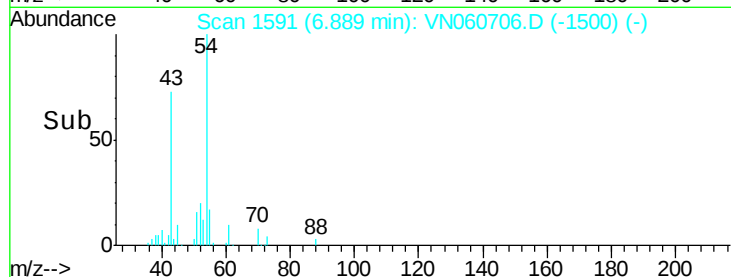
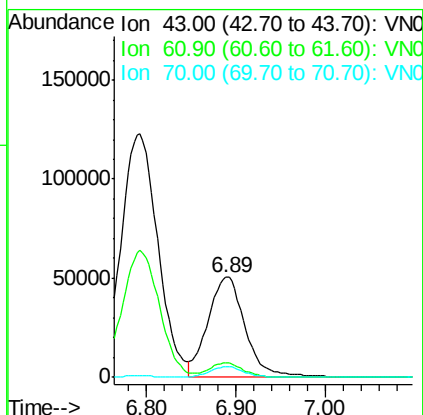
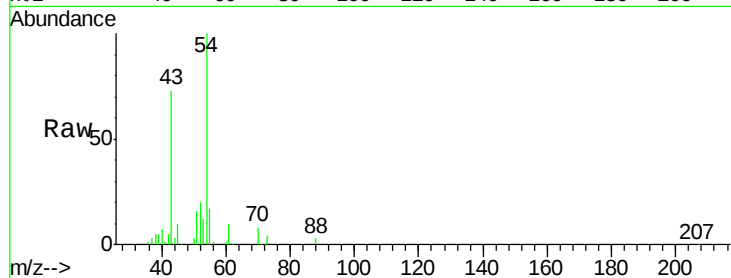




#37
 Ethyl Acetate
 Concen: 42.202 ug/l
 RT: 6.89 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

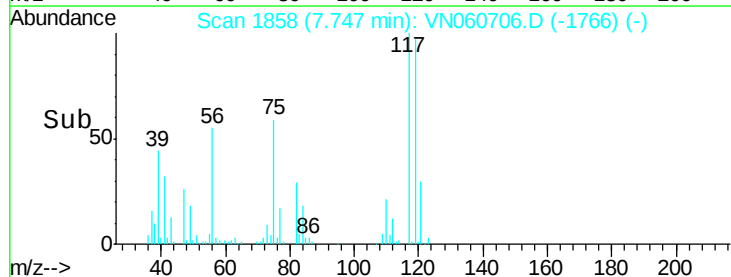
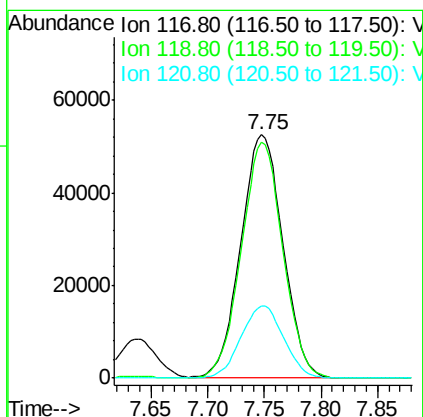
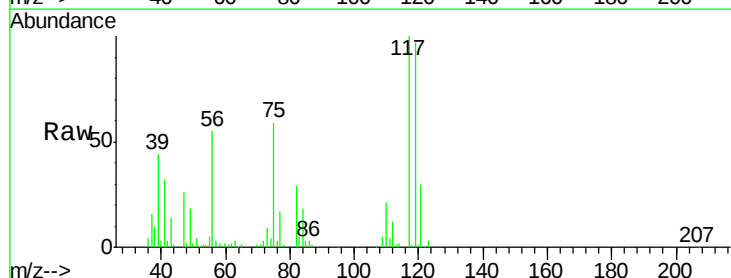
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

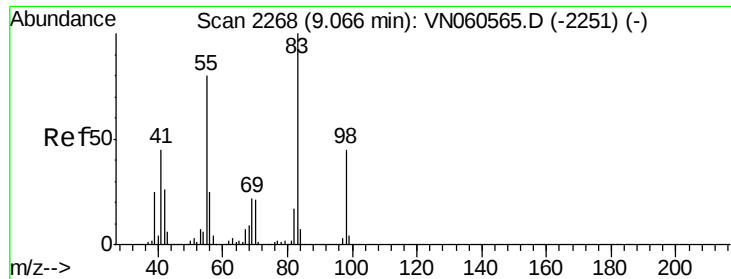
Tgt Ion: 43 Resp: 144826
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.6 15.8
 70 10.0 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 47.858 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion: 117 Resp: 136228
 Ion Ratio Lower Upper
 117 100
 119 97.1 76.2 114.2
 121 29.8 23.7 35.5

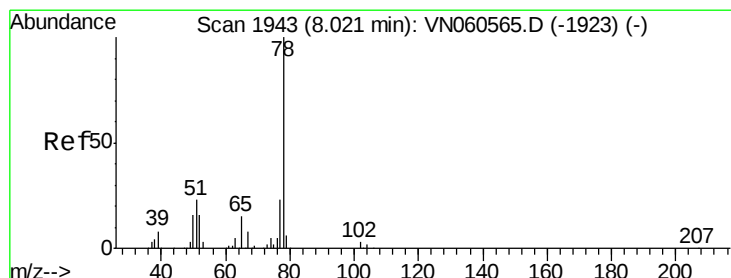
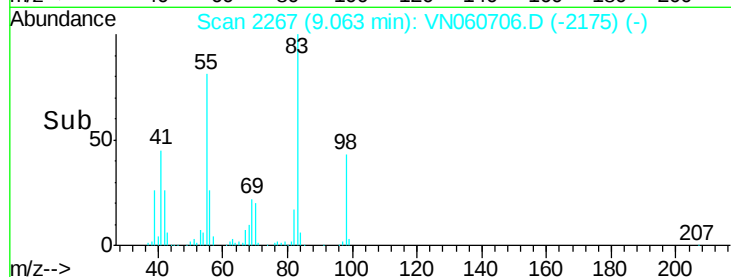
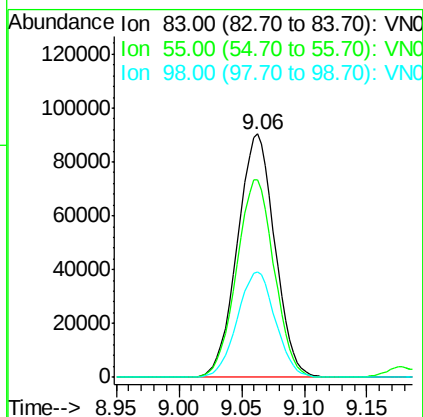
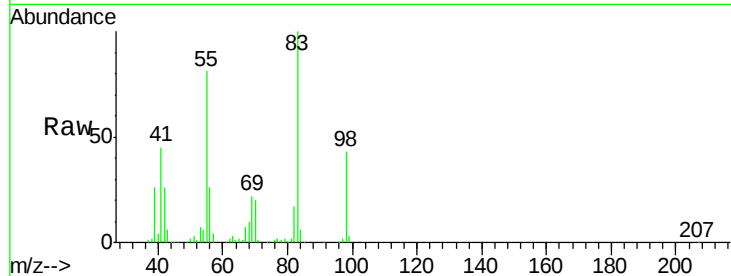




#39
Methylcyclohexane
Concen: 49.677 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

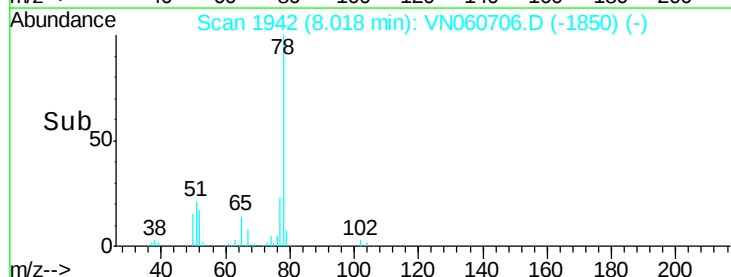
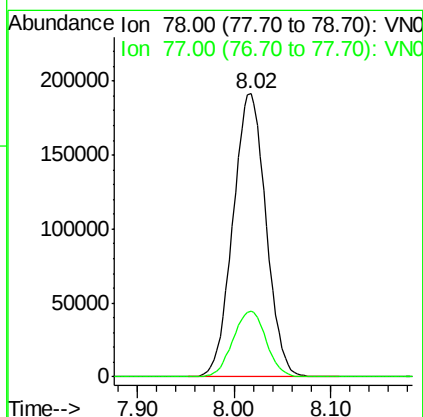
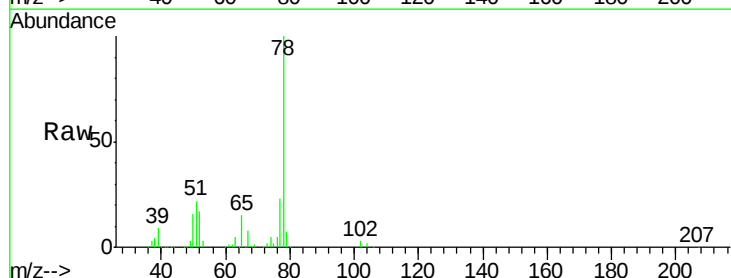
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

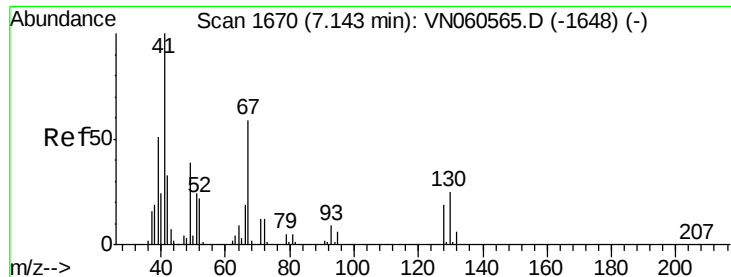
Tgt Ion: 83 Resp: 187494
Ion Ratio Lower Upper
83 100
55 81.2 63.6 95.4
98 43.4 36.0 54.0



#40
Benzene
Concen: 47.422 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion: 78 Resp: 454660
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0





#41

Methacrylonitrile

Concen: 47.280 ug/l

RT: 7.13 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 69245

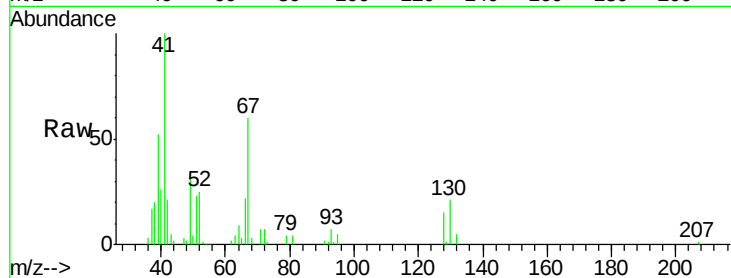
Ion Ratio Lower Upper

41 100

39 58.2 0.0 0.0#

67 80.3 0.0 0.0#

52 33.8 0.0 0.0#

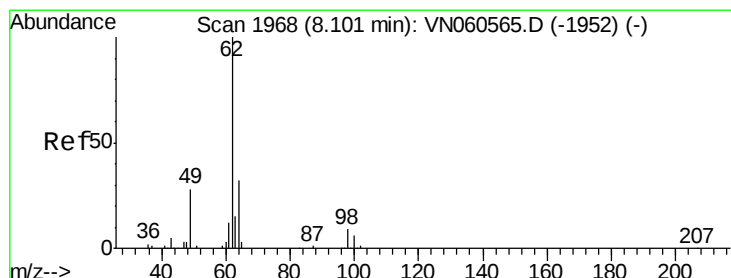
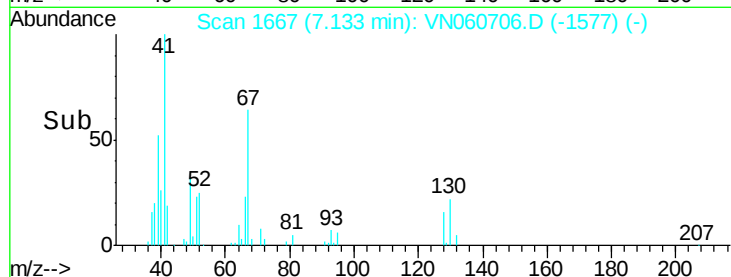
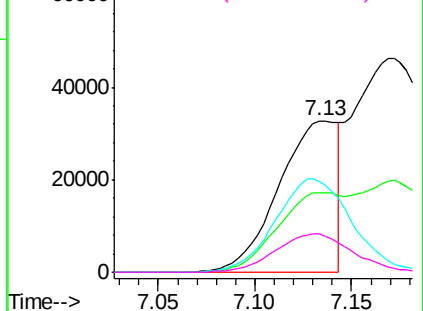


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 47.405 ug/l

RT: 8.10 min Scan# 1967

Delta R.T. -0.00 min

Lab File: VN060706.D

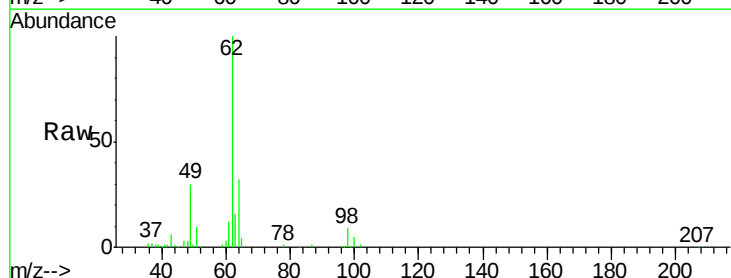
Acq: 26 Mar 2020 11:22

Tgt Ion: 62 Resp: 155326

Ion Ratio Lower Upper

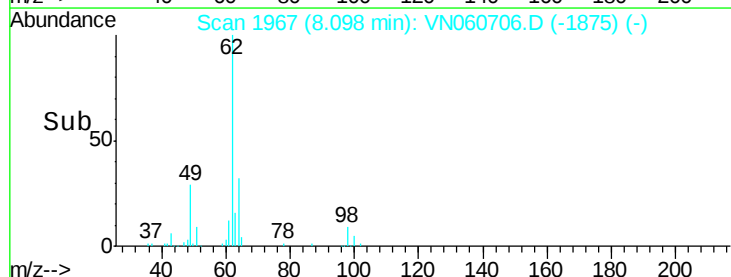
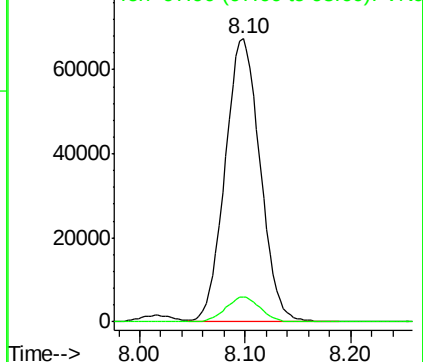
62 100

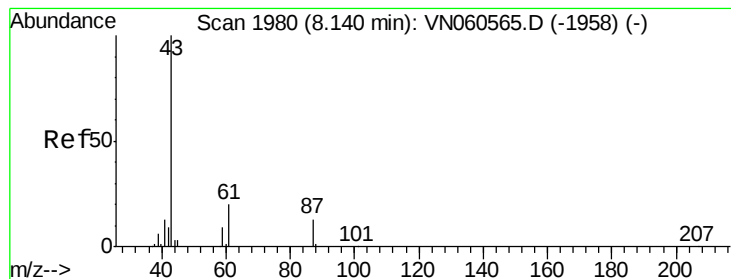
98 8.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 44.389 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

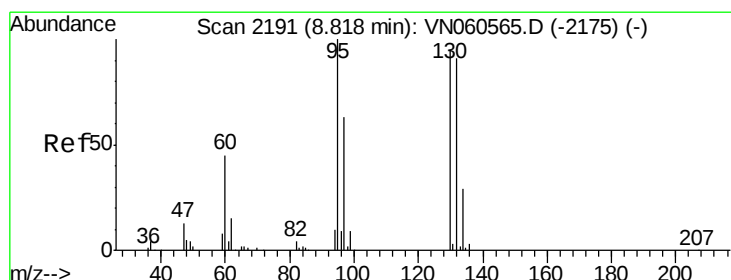
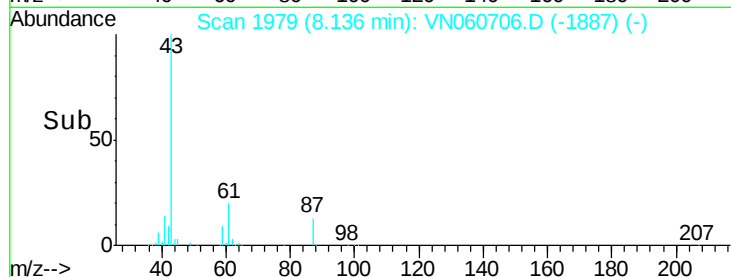
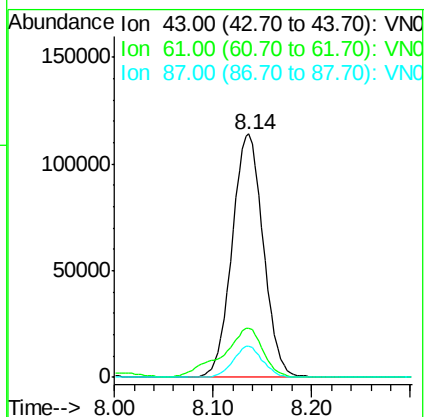
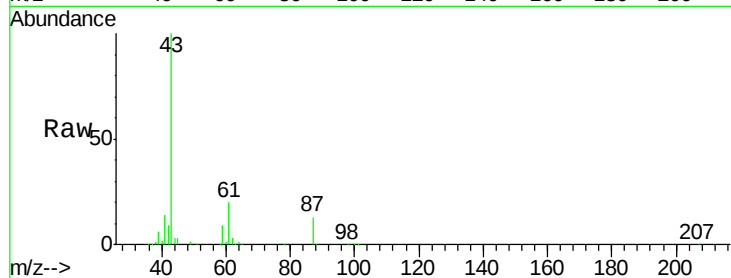
Tgt Ion: 43 Resp: 251224

Ion Ratio Lower Upper

43 100

61 26.2 20.7 31.1

87 12.1 9.8 14.8



#44

Trichloroethene

Concen: 48.605 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060706.D

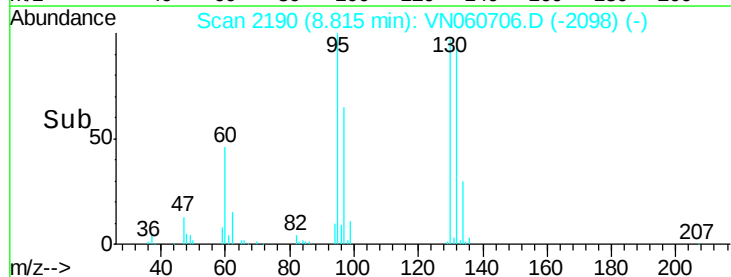
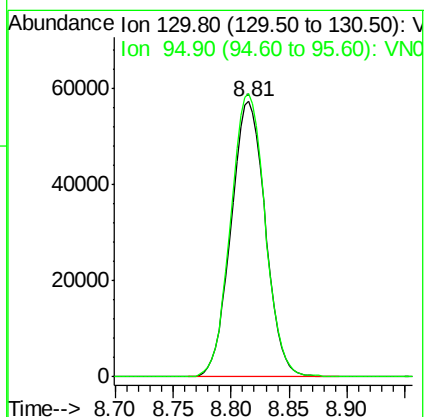
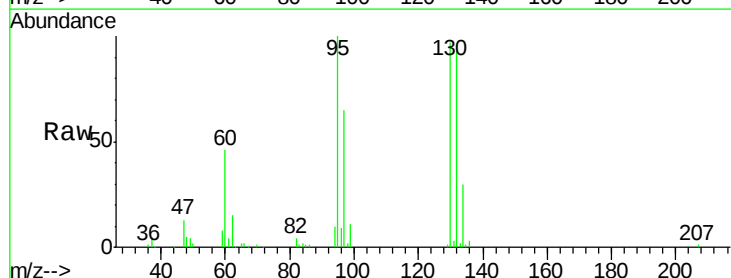
Acq: 26 Mar 2020 11:22

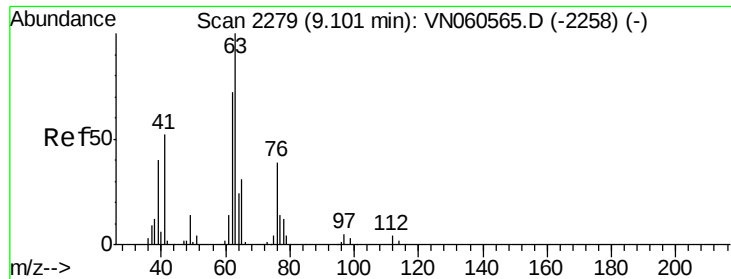
Tgt Ion: 130 Resp: 117473

Ion Ratio Lower Upper

130 100

95 102.7 0.0 211.2

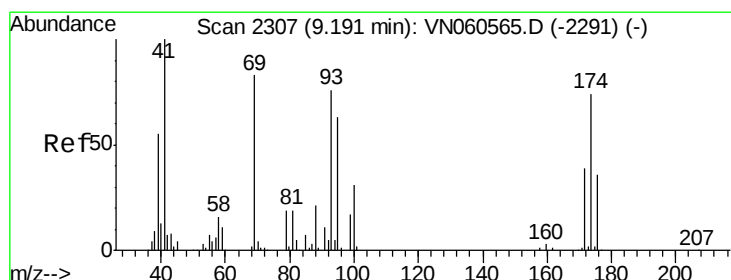
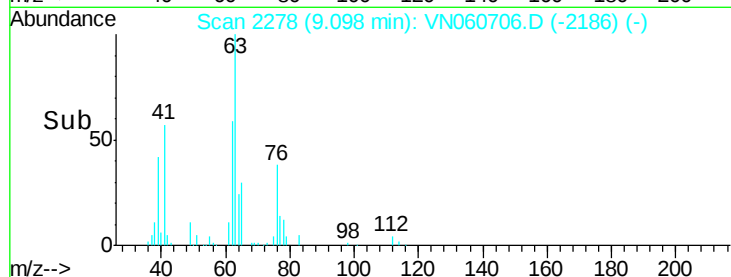
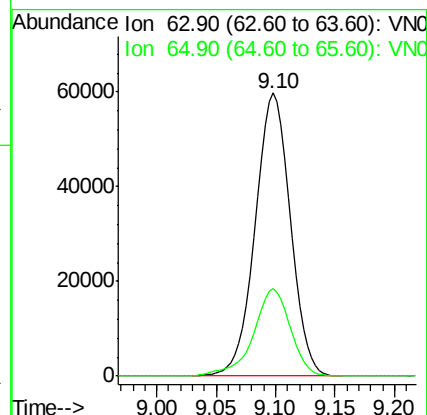
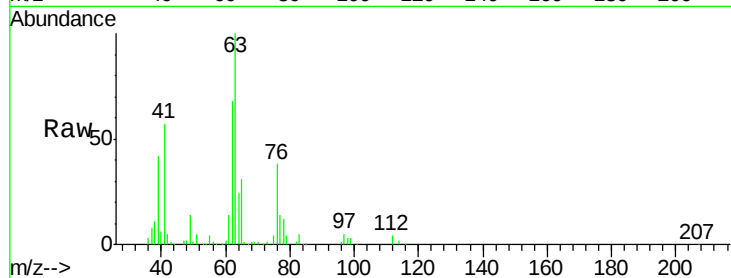




#45
 1,2-Dichloropropane
 Concen: 48.460 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

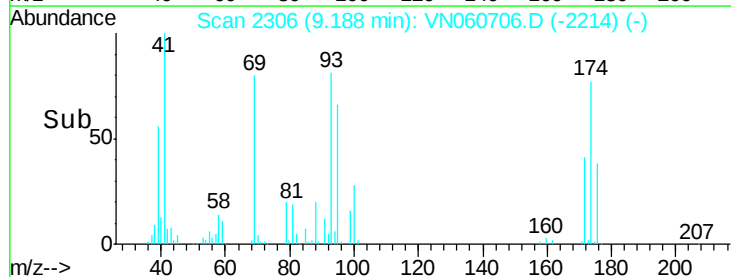
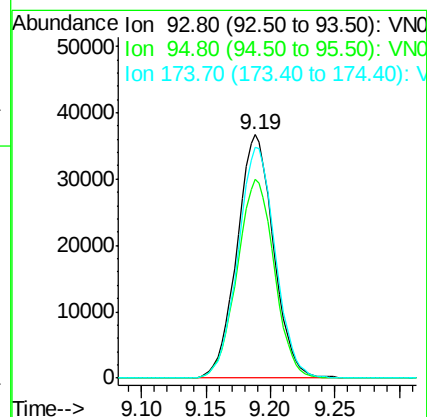
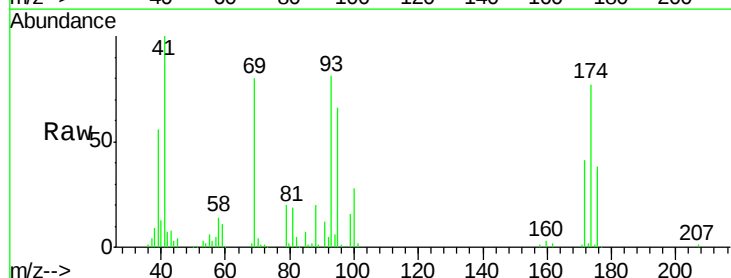
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 122595
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.4 38.0



#46
 Dibromomethane
 Concen: 47.253 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion: 93 Resp: 72271
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 96.8 77.9 116.9





#47

Bromodichloromethane

Concen: 48.095 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

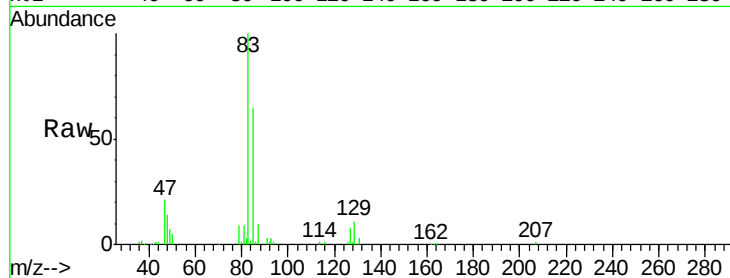
Tgt Ion: 83 Resp: 152856

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.6

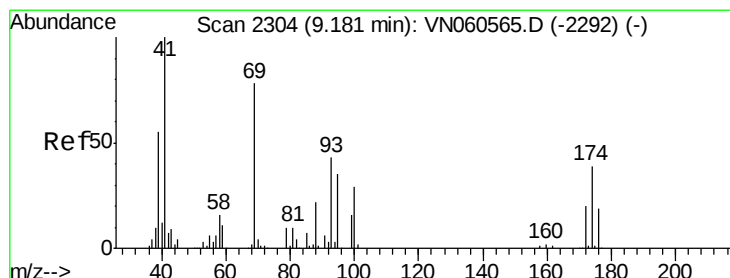
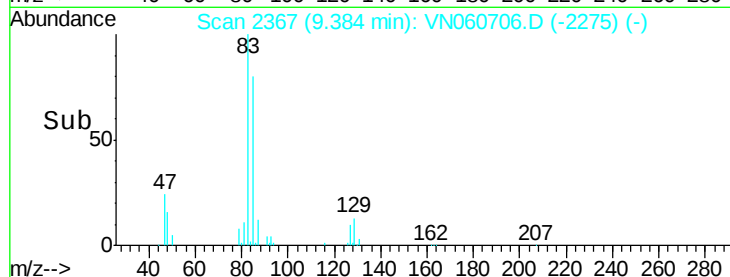
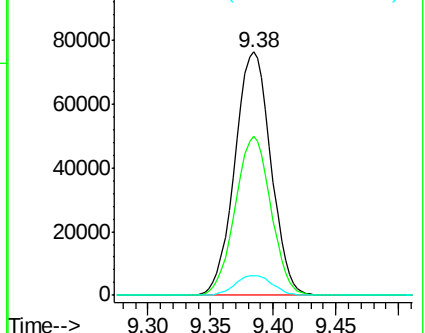
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060706.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060706.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060706.D (-2275) (-)



#48

Methyl methacrylate

Concen: 43.965 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

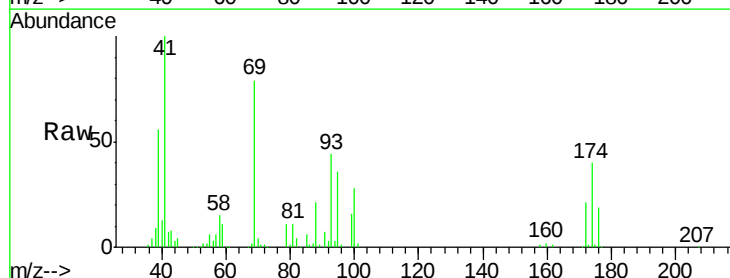
Tgt Ion: 41 Resp: 110783

Ion Ratio Lower Upper

41 100

69 81.3 65.4 98.0

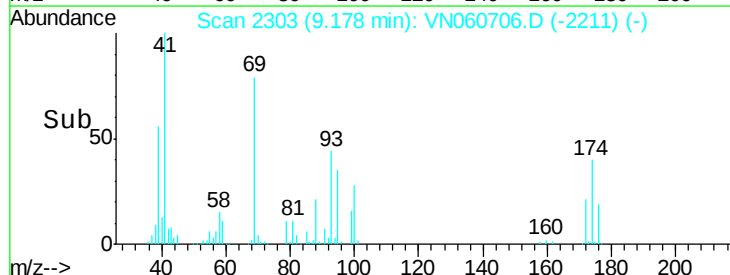
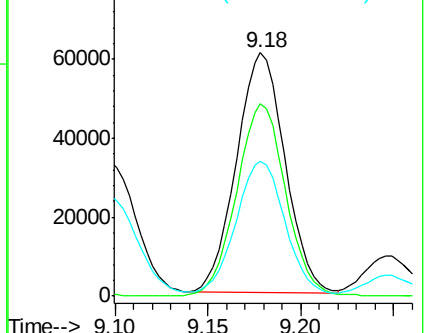
39 55.2 44.0 66.0

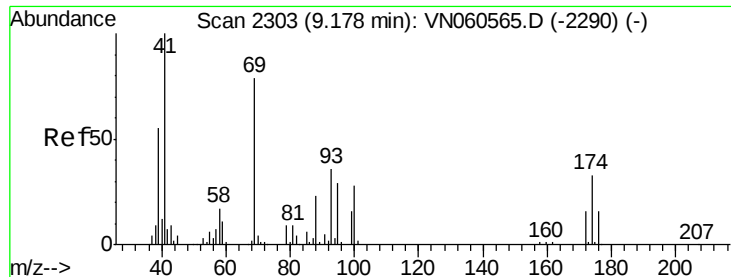


Abundance Ion 41.00 (40.70 to 41.70): VN060706.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060706.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060706.D (-2211) (-)

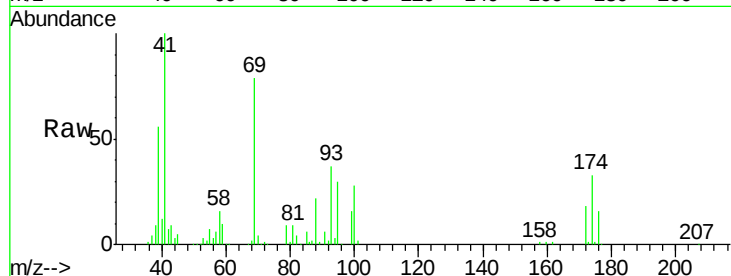




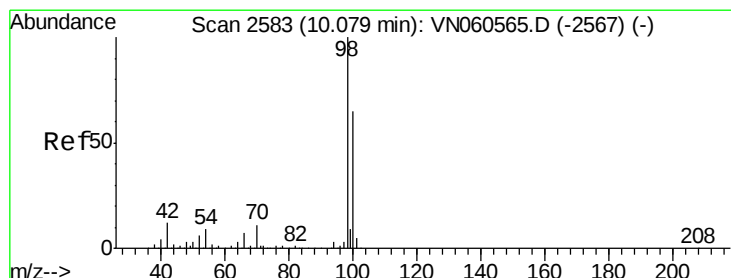
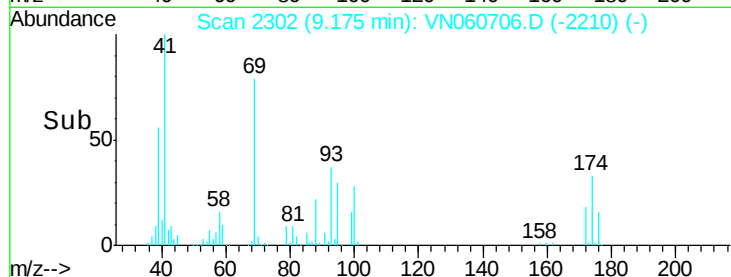
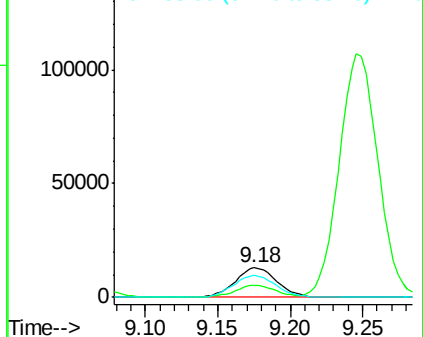
#49
1,4-Dioxane
Concen: 865.688 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 25928
Ion Ratio Lower Upper
88 100
43 40.2 30.8 46.2
58 76.5 59.8 89.8

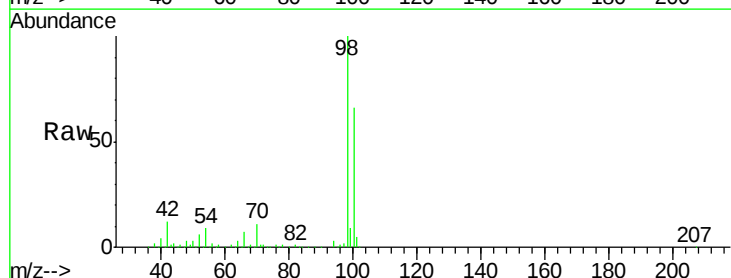


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

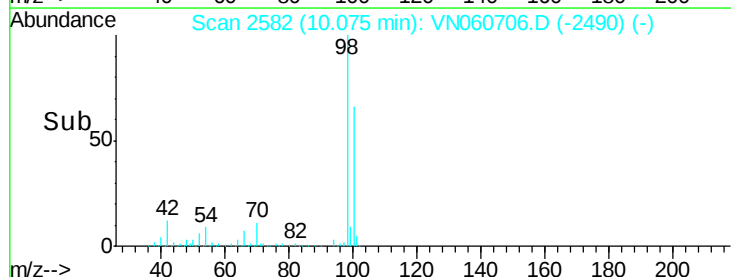
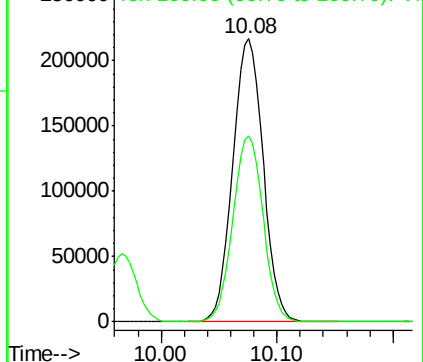


#50
Toluene-d8
Concen: 48.514 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion: 98 Resp: 393006
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



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

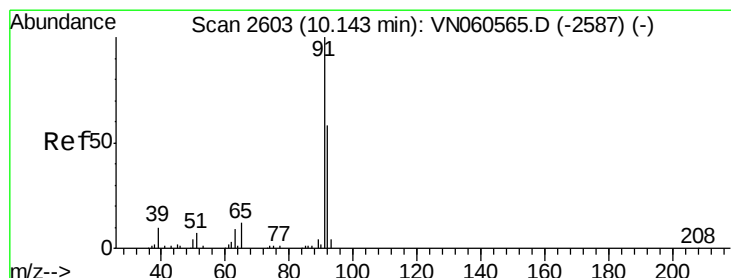
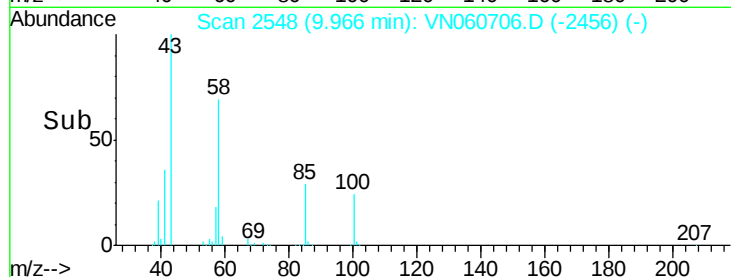
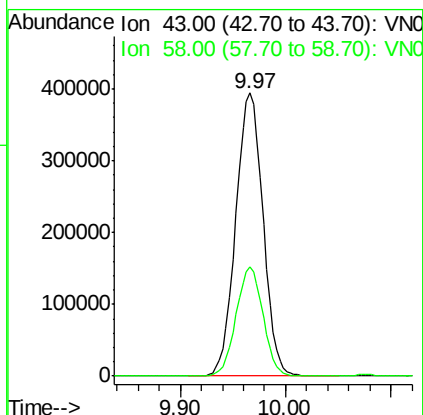
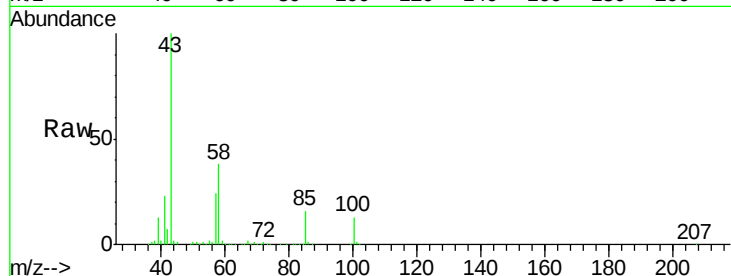




#51
 4-Methyl-2-Pentanone
 Concen: 219.055 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

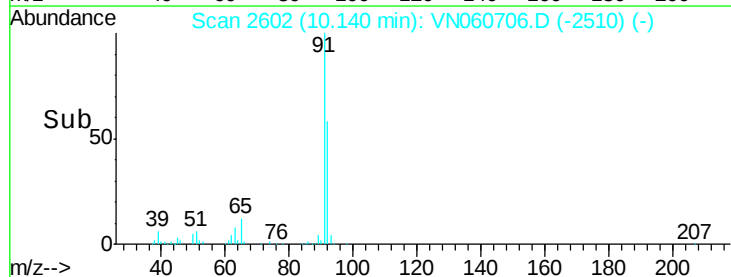
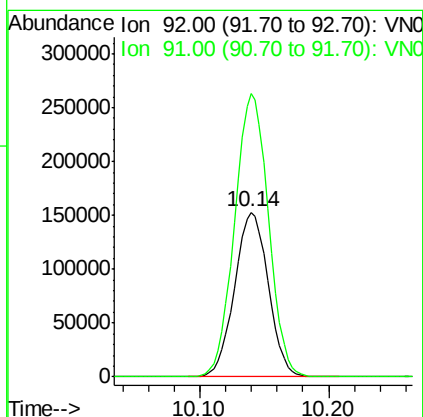
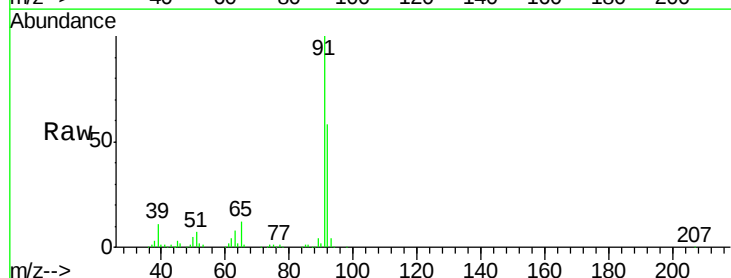
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

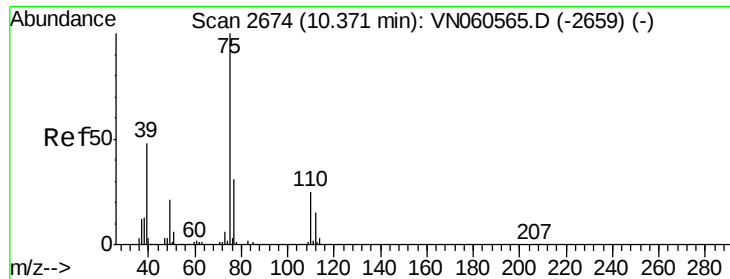
Tgt Ion: 43 Resp: 705474
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.8 46.2



#52
 Toluene
 Concen: 47.933 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion: 92 Resp: 277539
 Ion Ratio Lower Upper
 92 100
 91 172.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.229 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

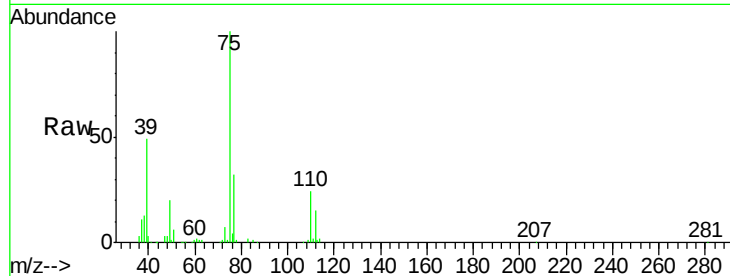
VSTDCCC050

Tgt Ion: 75 Resp: 179720

Ion Ratio Lower Upper

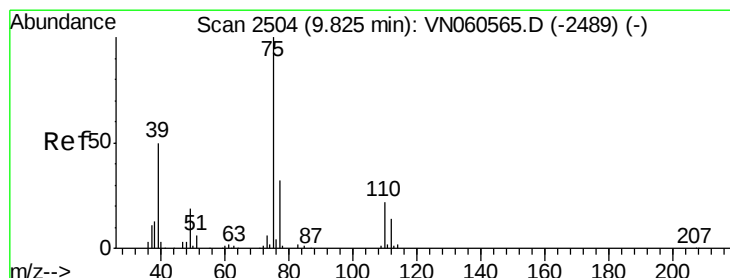
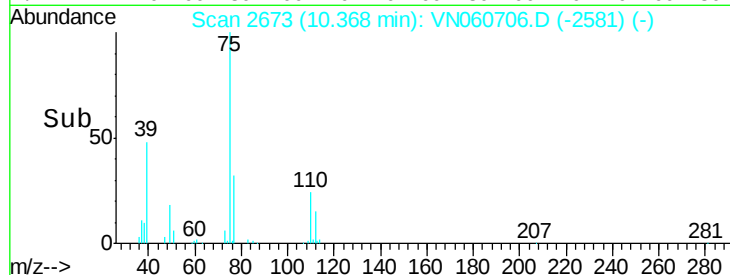
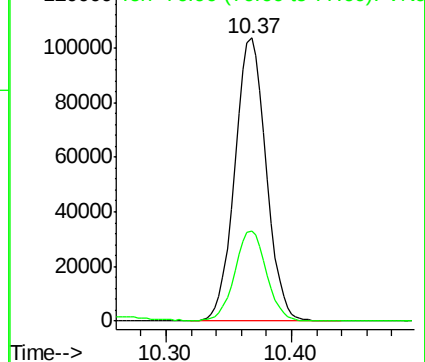
75 100

77 31.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 48.877 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

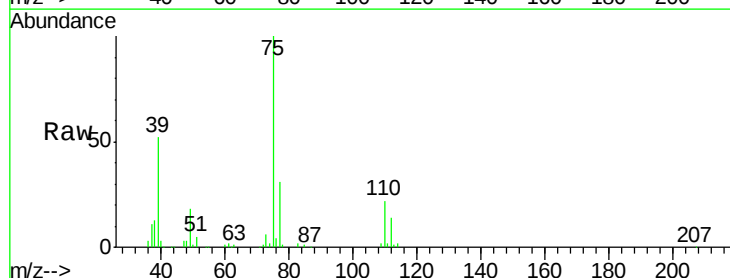
Tgt Ion: 75 Resp: 195752

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

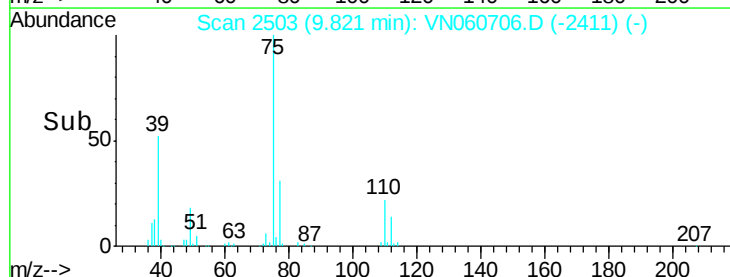
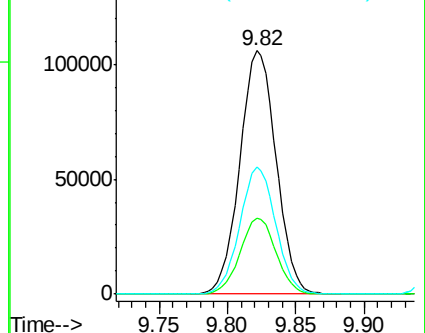
39 52.0 40.2 60.4

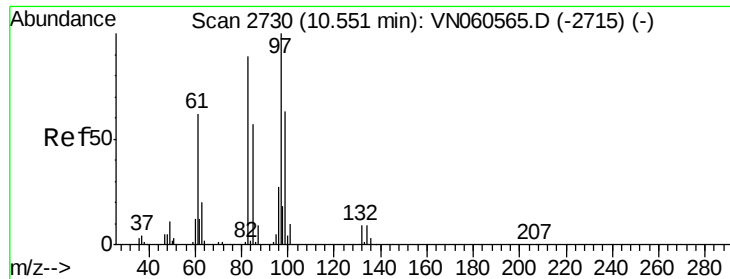


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 47.042 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 104789

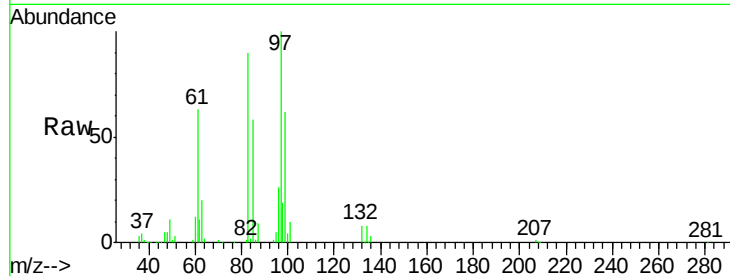
Ion Ratio Lower Upper

97 100

83 89.9 71.3 106.9

85 57.7 45.2 67.8

99 62.3 50.1 75.1

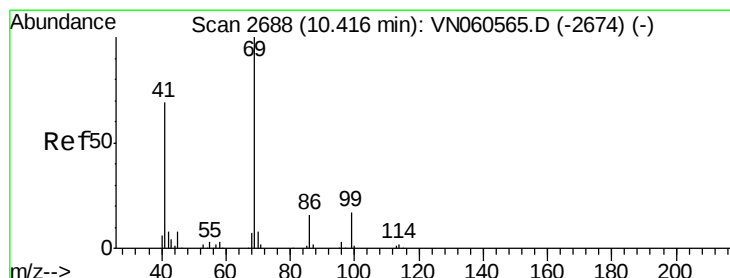
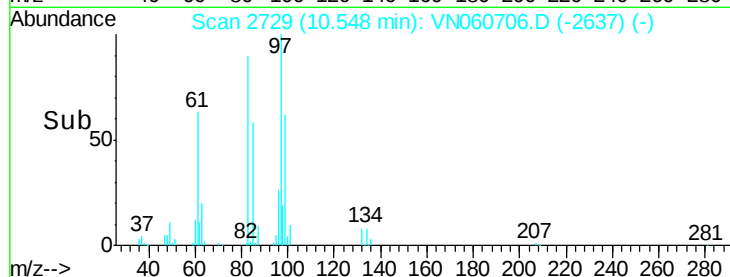
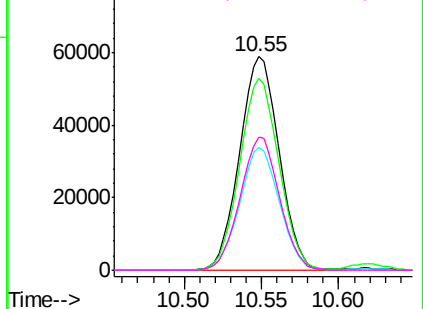


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 47.707 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

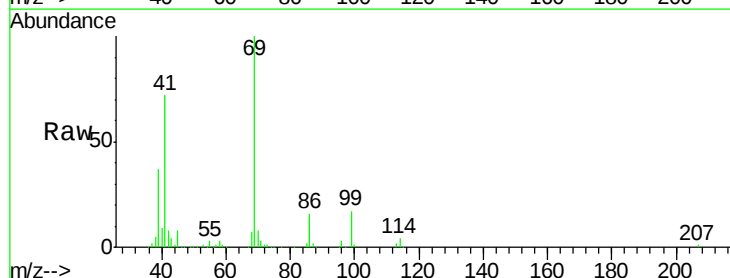
Tgt Ion: 69 Resp: 165702

Ion Ratio Lower Upper

69 100

41 70.0 55.4 83.2

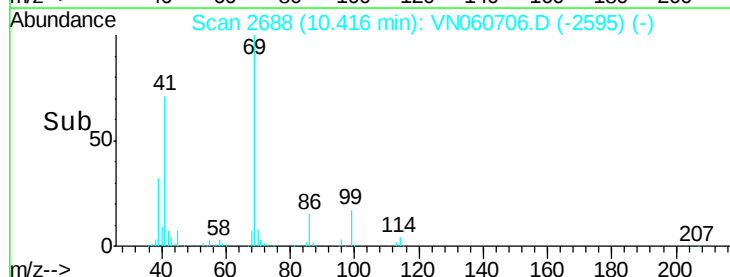
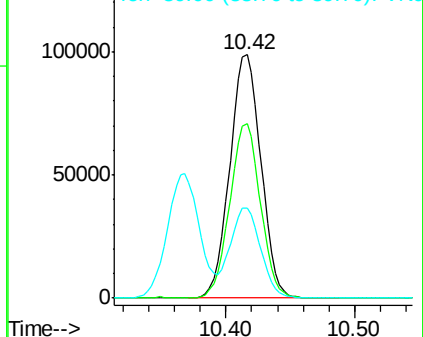
39 35.9 29.4 44.0

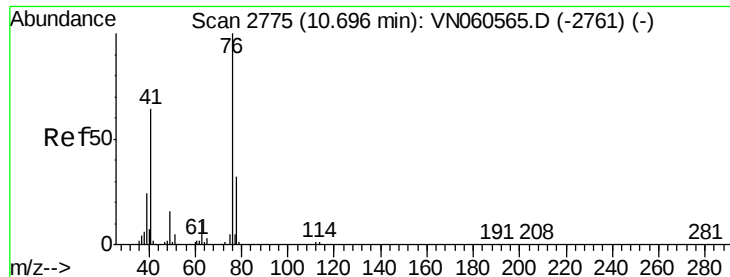


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 47.724 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

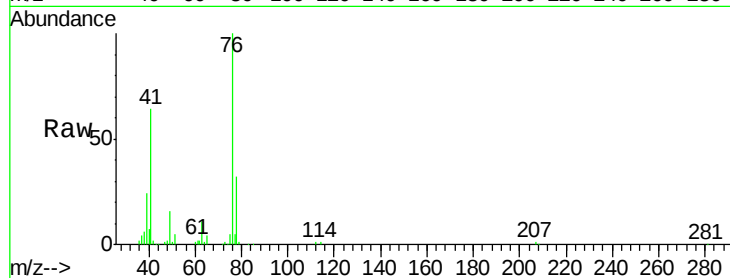
VSTDCCC050

Tgt Ion: 76 Resp: 184477

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060706.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060706.D (-2682) (-)

10.69

120000

100000

80000

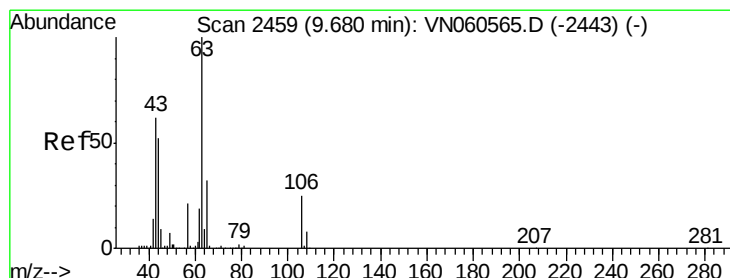
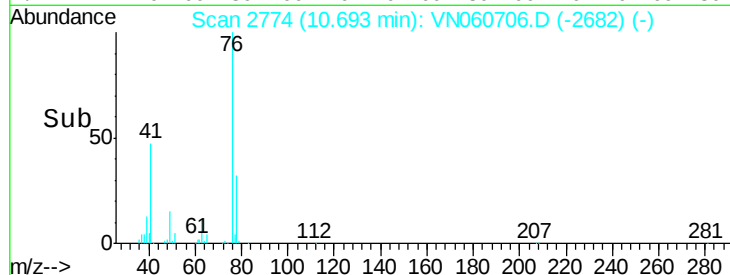
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 321.323 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060706.D

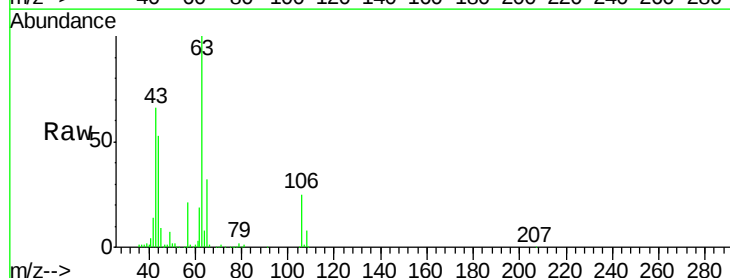
Acq: 26 Mar 2020 11:22

Tgt Ion: 63 Resp: 554691

Ion Ratio Lower Upper

63 100

106 24.7 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060706.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060706.D (-2366) (-)

9.68

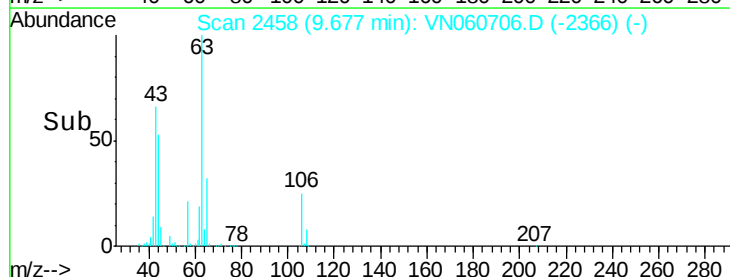
300000

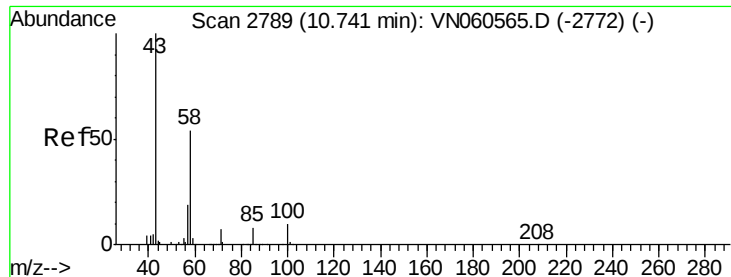
200000

100000

0

Time--> 9.60 9.70 9.80

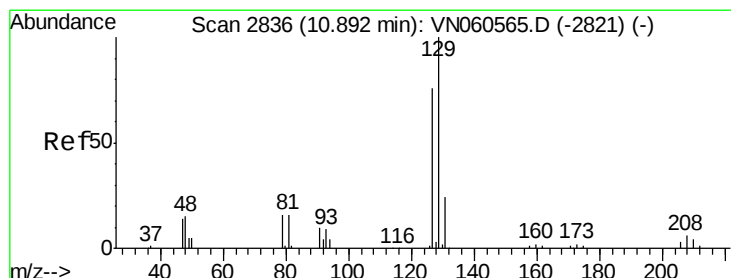
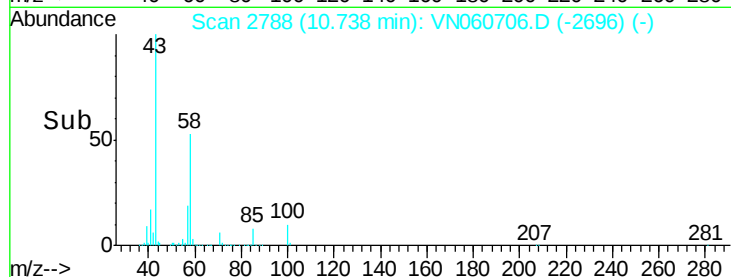
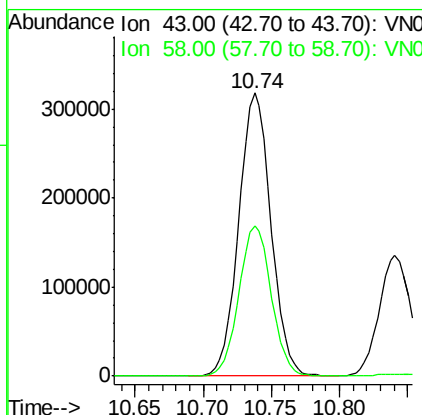
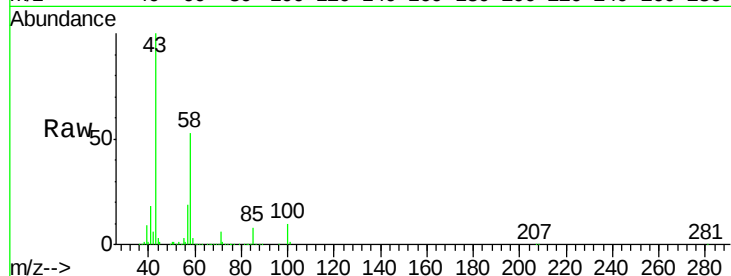




#59
2-Hexanone
Concen: 224.267 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

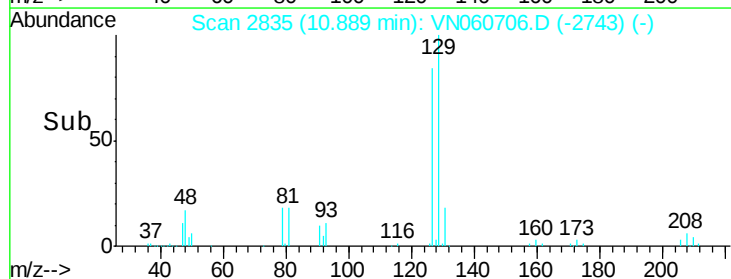
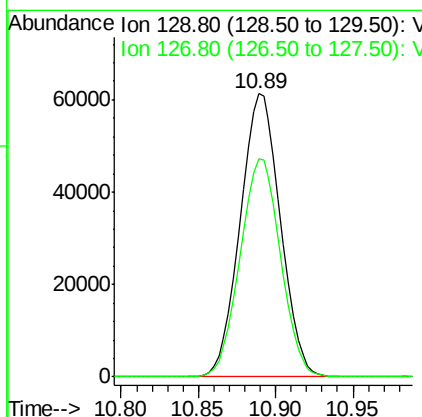
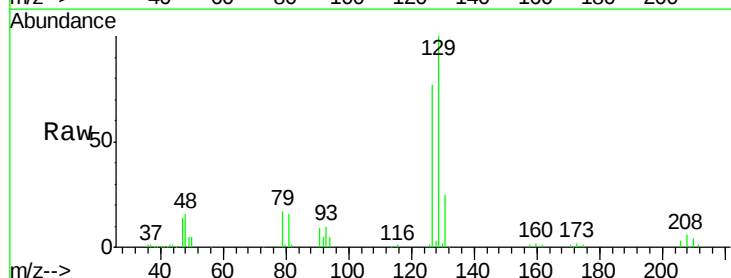
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

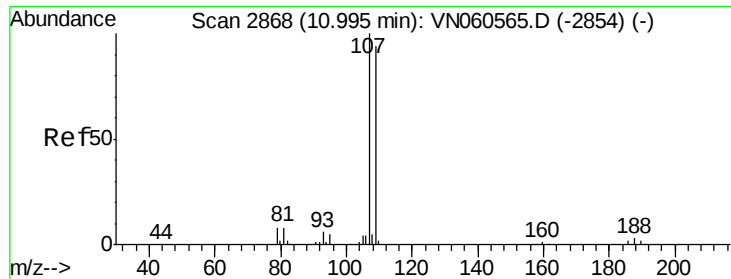
Tgt Ion: 43 Resp: 520283
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1



#60
Dibromochloromethane
Concen: 48.154 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion: 129 Resp: 110800
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

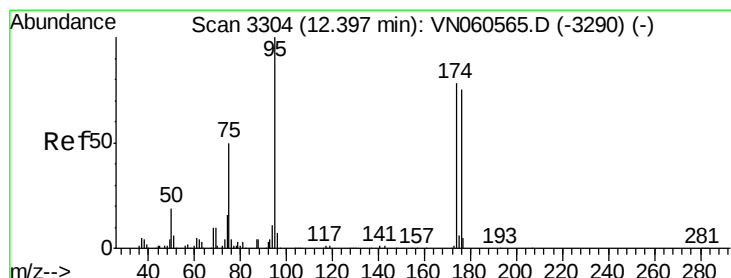
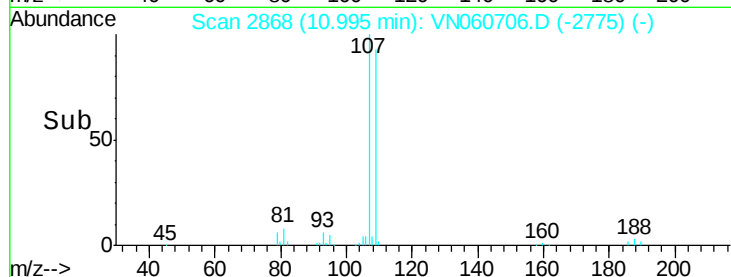
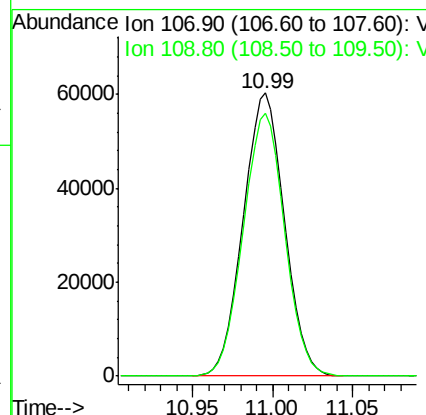
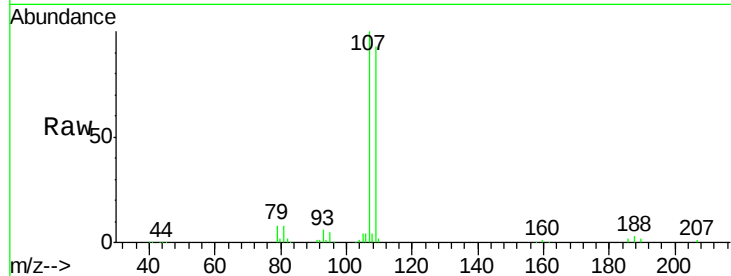




#61
 1,2-Dibromoethane
 Concen: 47.358 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

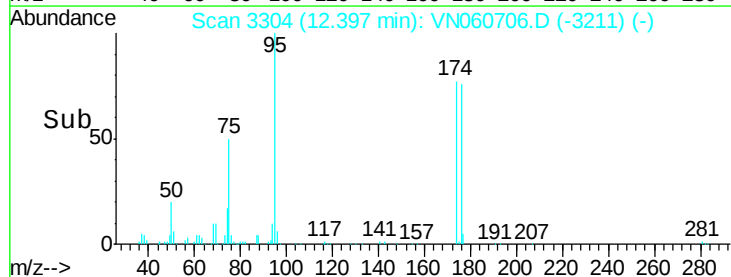
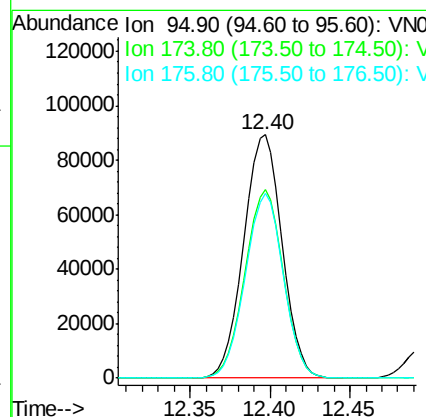
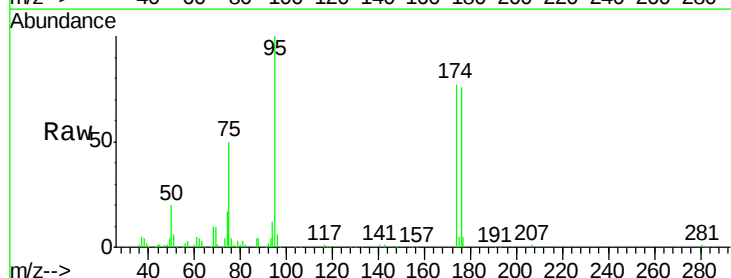
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 106079
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.216 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion: 95 Resp: 146115
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 157.6
 176 75.2 0.0 150.6

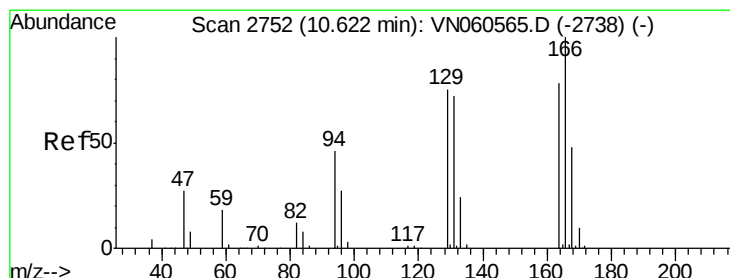
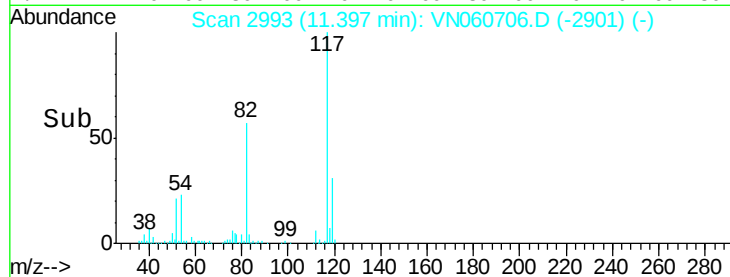
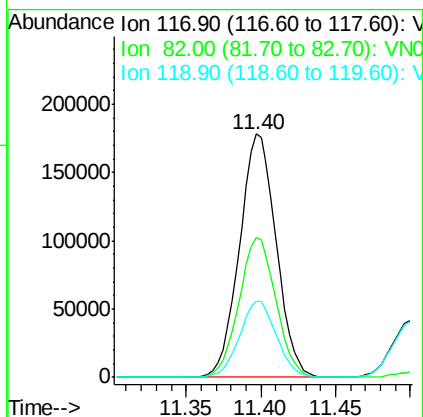
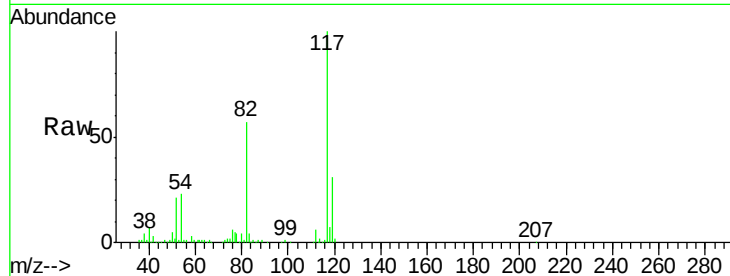




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

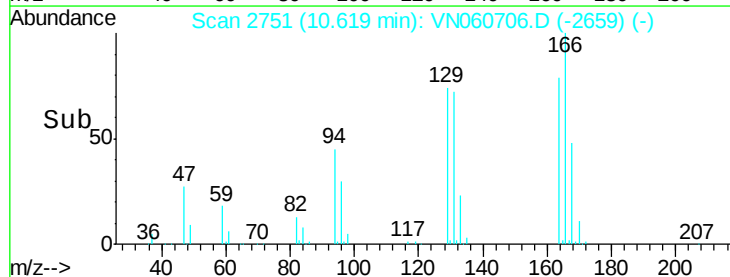
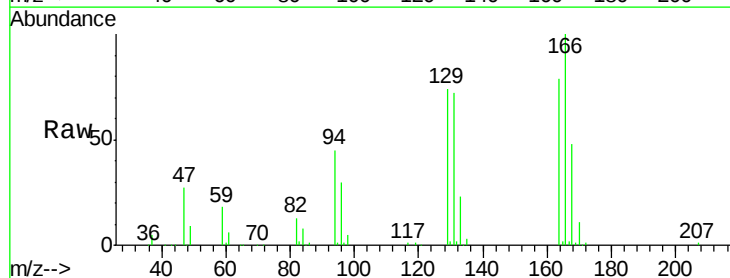
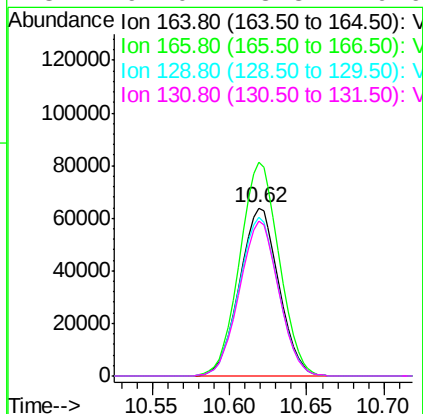
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 304093
Ion Ratio Lower Upper
117 100
82 57.4 46.7 70.1
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 47.103 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion:164 Resp: 112716
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 94.3 77.2 115.8
131 92.0 73.8 110.6

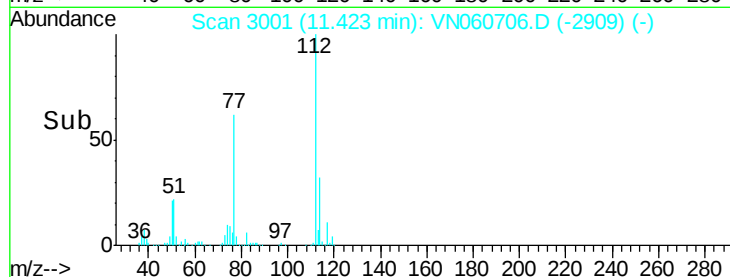
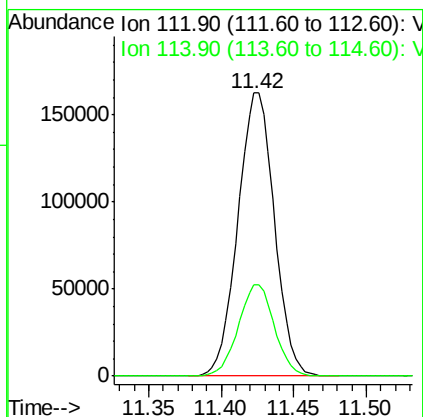
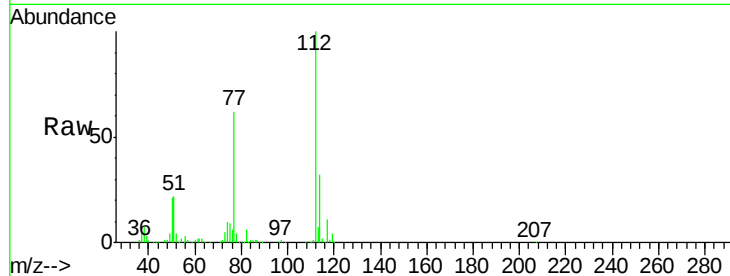




#65
Chlorobenzene
Concen: 47.196 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

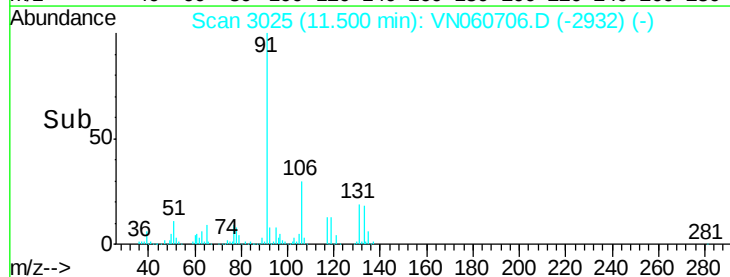
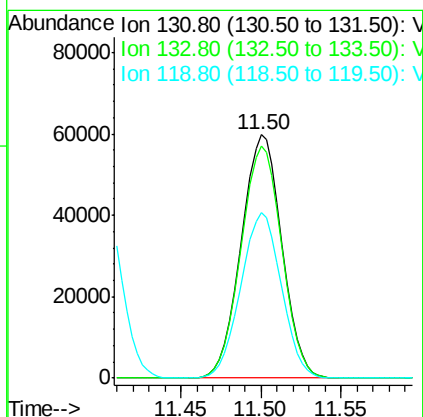
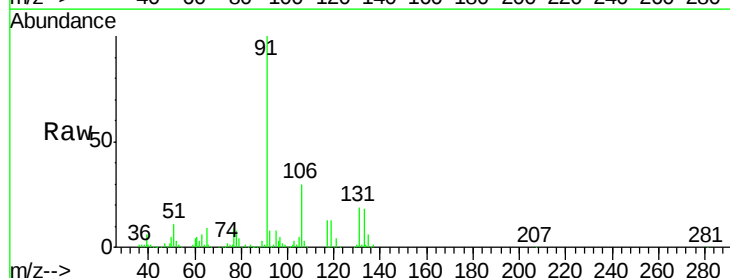
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 284512
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.371 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion:131 Resp: 103394
Ion Ratio Lower Upper
131 100
133 96.2 48.9 146.8
119 68.0 33.9 101.7





#67

Ethyl Benzene

Concen: 47.820 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

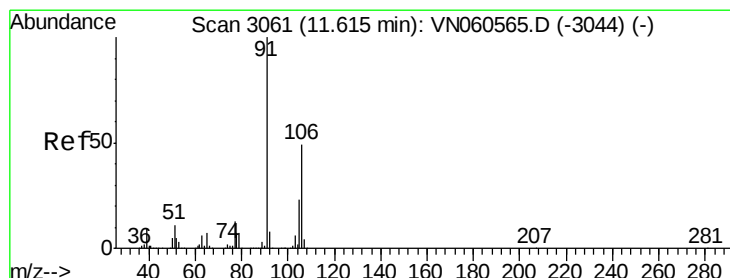
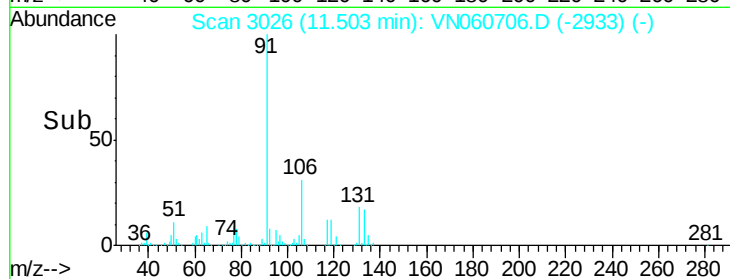
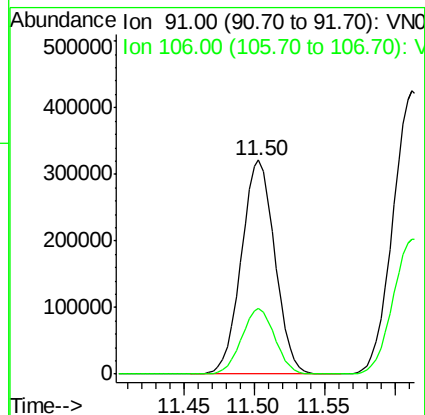
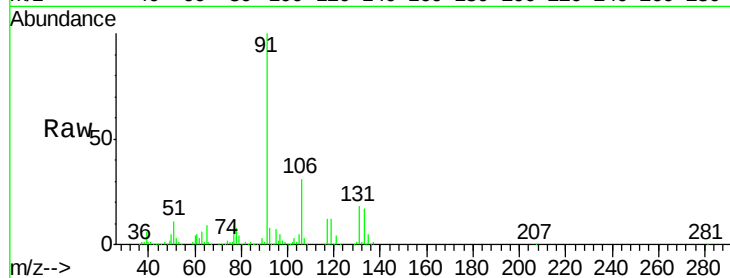
VSTDCCC050

Tgt Ion: 91 Resp: 536097

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.2



#68

m/p-Xylenes

Concen: 95.110 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060706.D

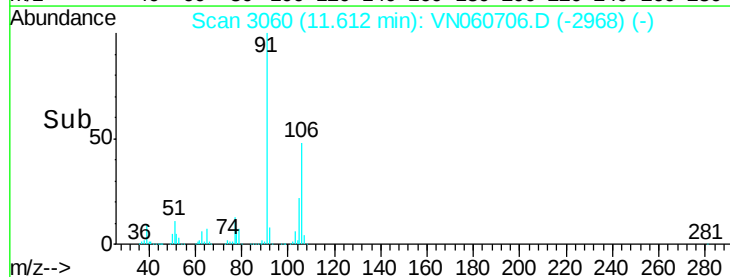
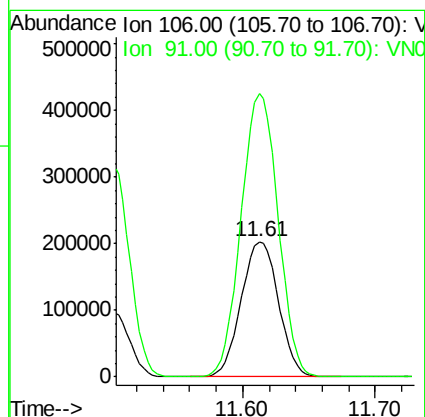
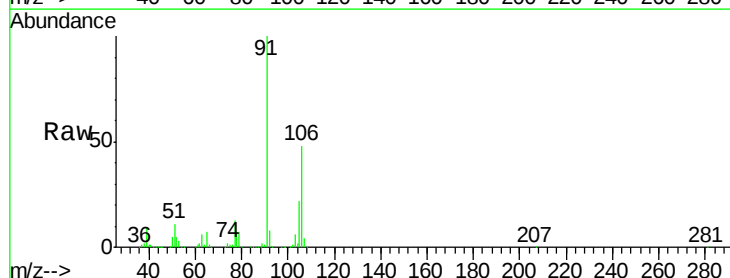
Acq: 26 Mar 2020 11:22

Tgt Ion: 106 Resp: 396220

Ion Ratio Lower Upper

106 100

91 207.7 165.0 247.4

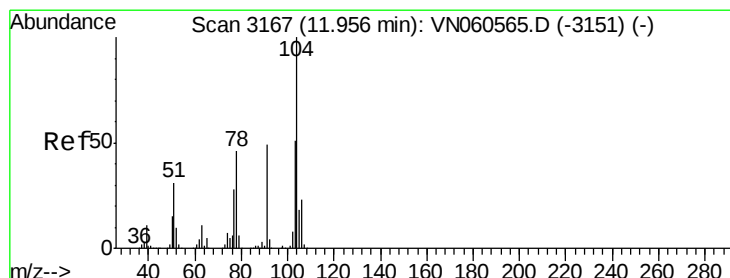
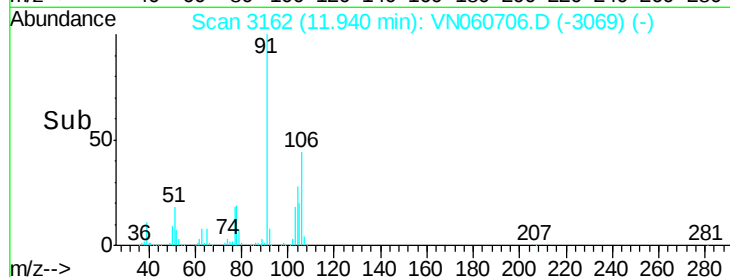
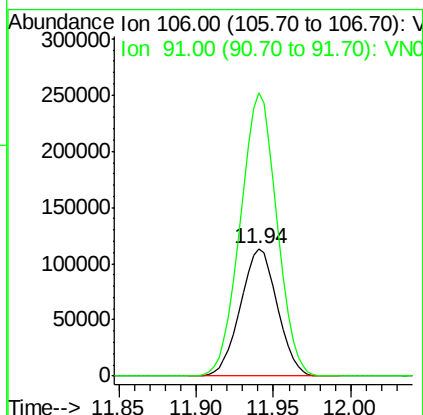
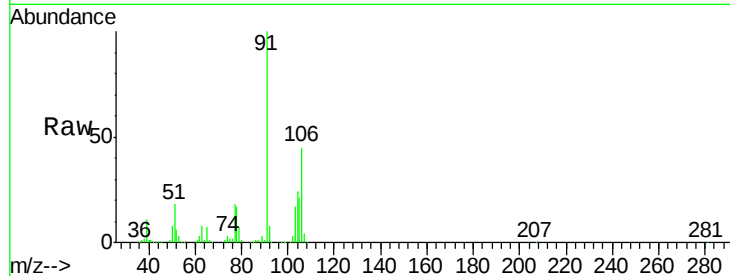




#69
o-Xylene
Concen: 47.356 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

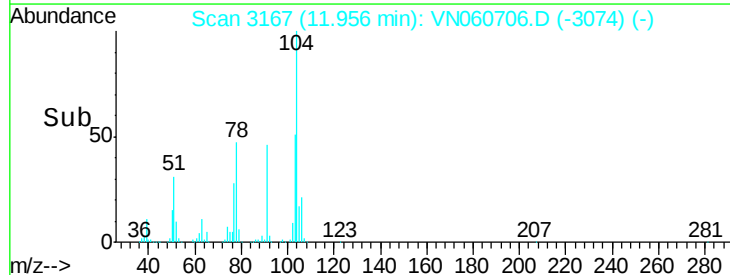
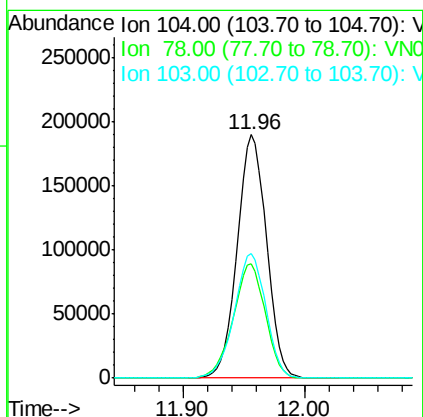
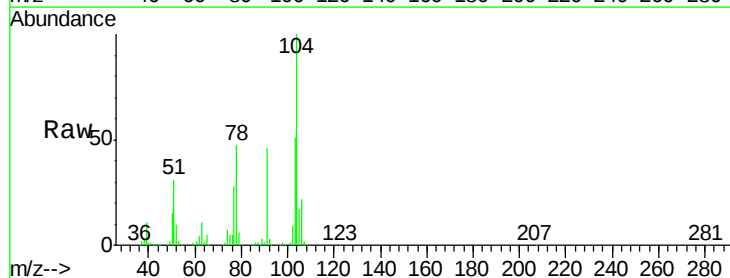
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

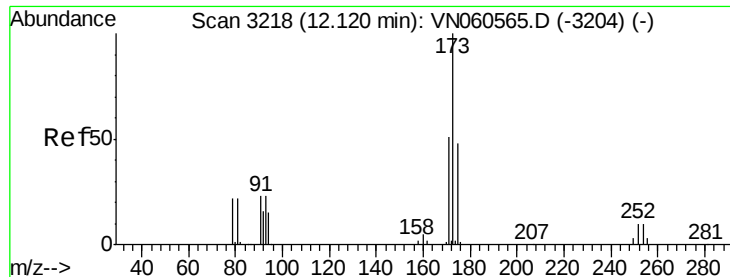
Tgt Ion:106 Resp: 188328
Ion Ratio Lower Upper
106 100
91 219.9 109.5 328.4



#70
Styrene
Concen: 48.322 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion:104 Resp: 314292
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 55.2 44.0 66.0

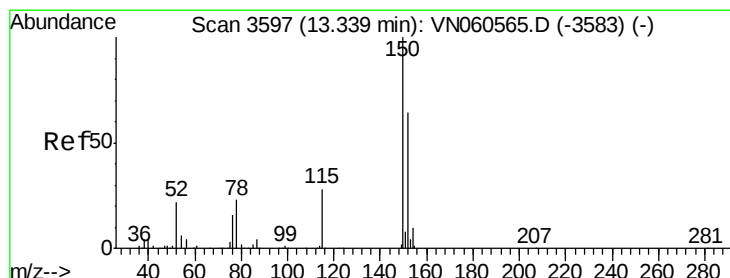
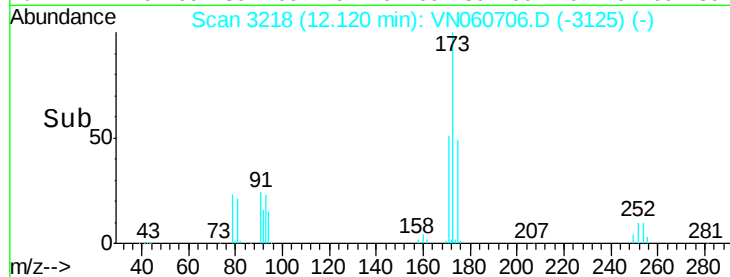
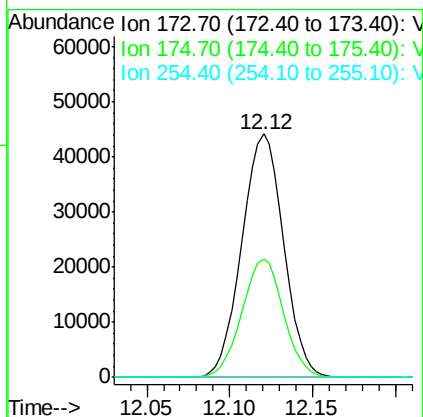
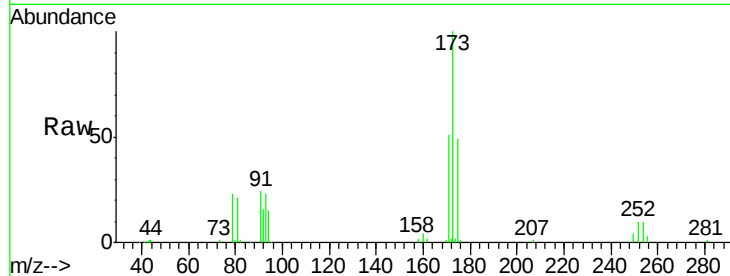




#71
Bromoform
Concen: 42.965 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

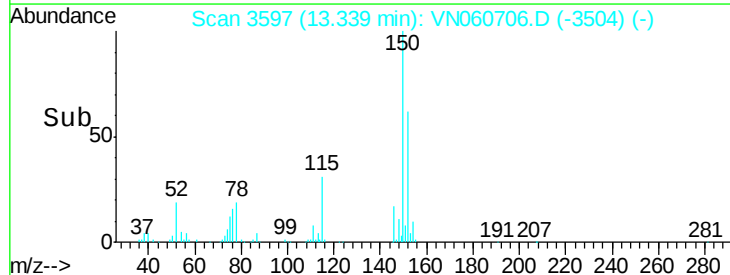
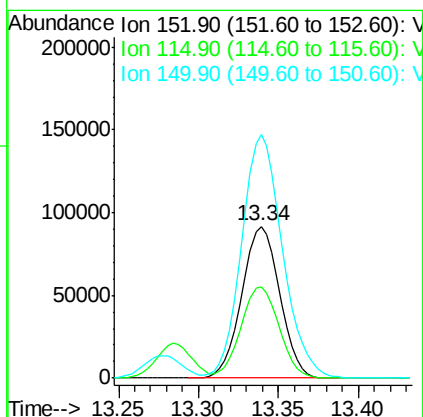
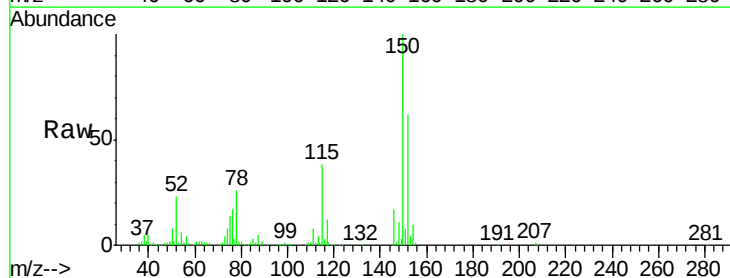
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 77498
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion:152 Resp: 148024
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 172.9 0.0 350.2





#73

Isopropylbenzene

Concen: 45.990 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

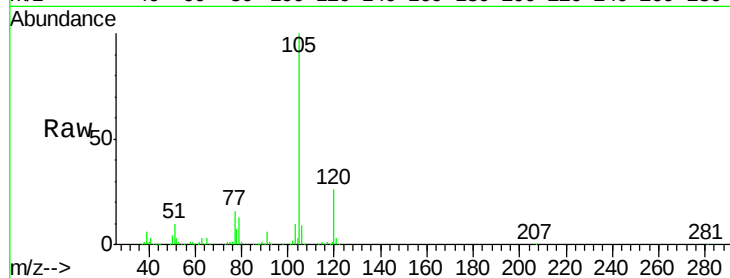
VSTDCCC050

Tgt Ion:105 Resp: 510883

Ion Ratio Lower Upper

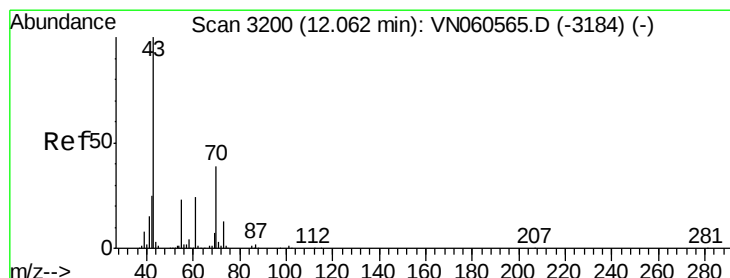
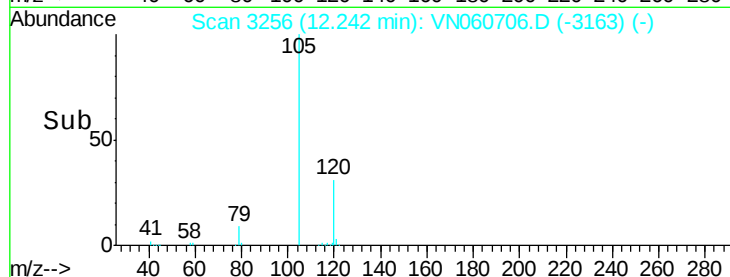
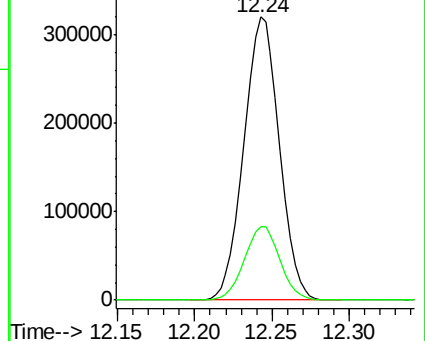
105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.276 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Tgt Ion: 43 Resp: 222144

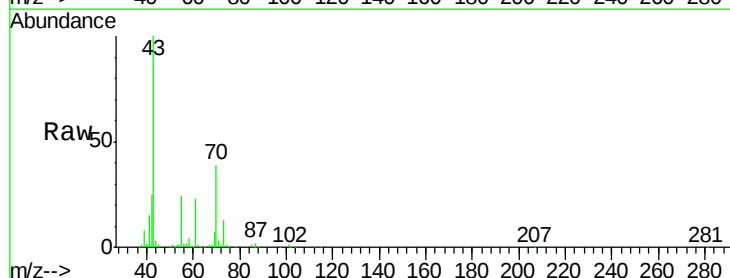
Ion Ratio Lower Upper

43 100

70 39.2 31.1 46.7

55 24.1 18.6 27.8

61 23.4 18.9 28.3

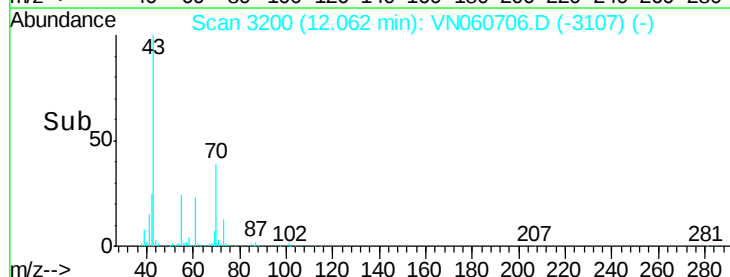
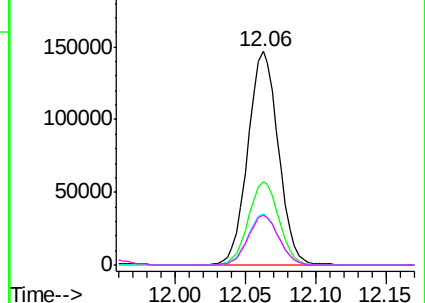


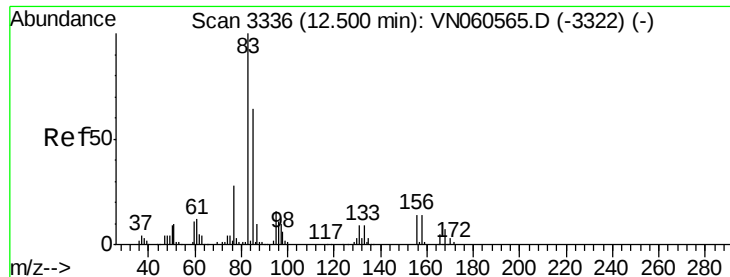
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.162 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

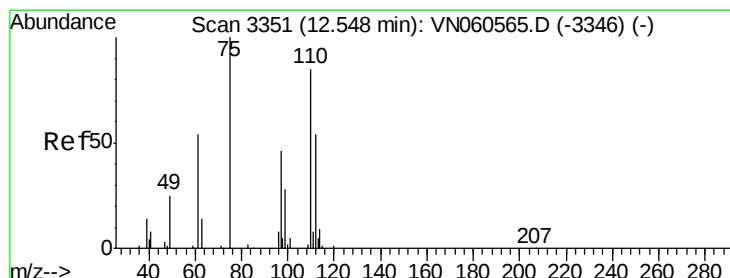
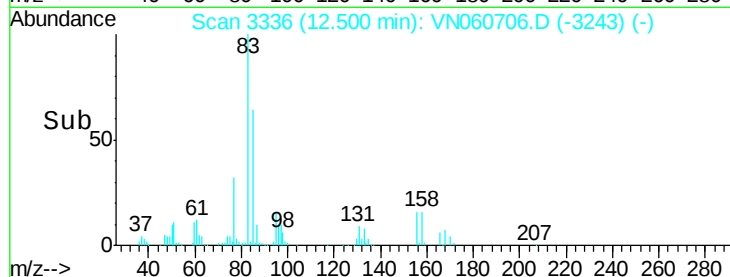
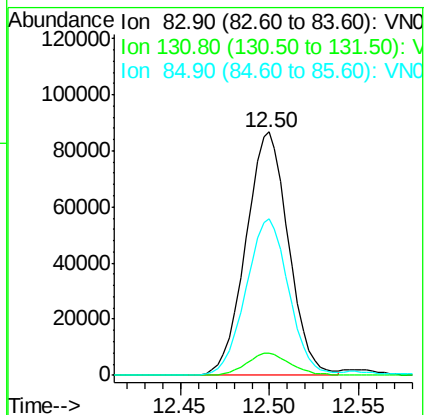
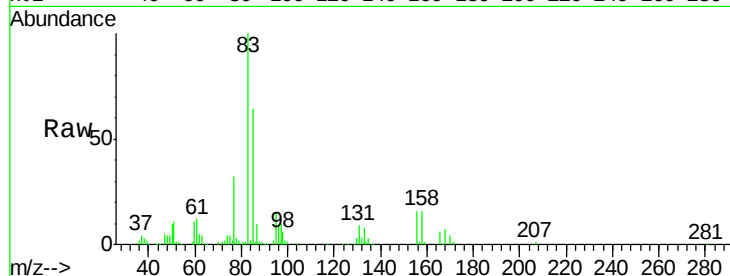
Tgt Ion: 83 Resp: 144997

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

85 64.5 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 62.034 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060706.D

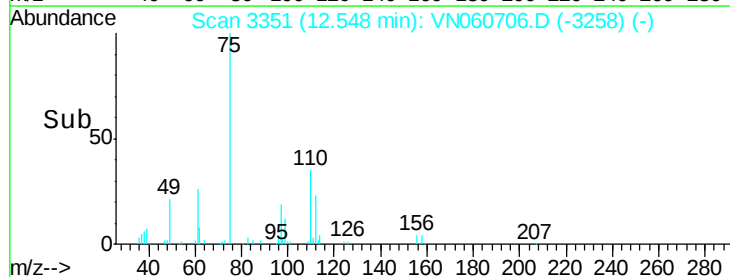
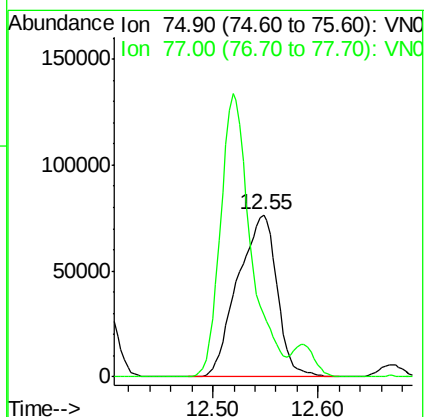
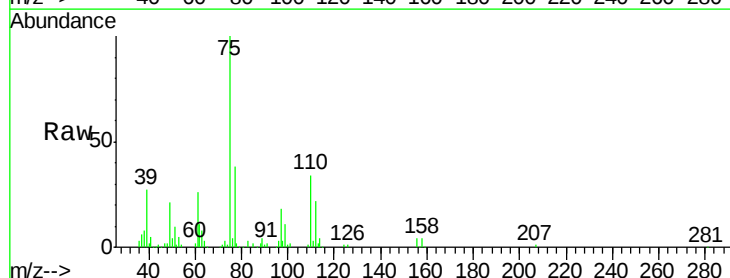
Acq: 26 Mar 2020 11:22

Tgt Ion: 75 Resp: 198141

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.127 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

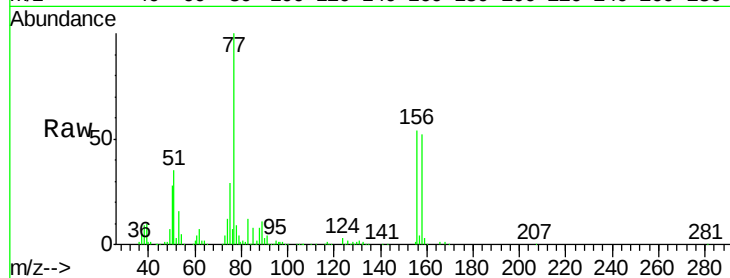
Tgt Ion:156 Resp: 120795

Ion Ratio Lower Upper

156 100

77 221.2 112.3 337.0

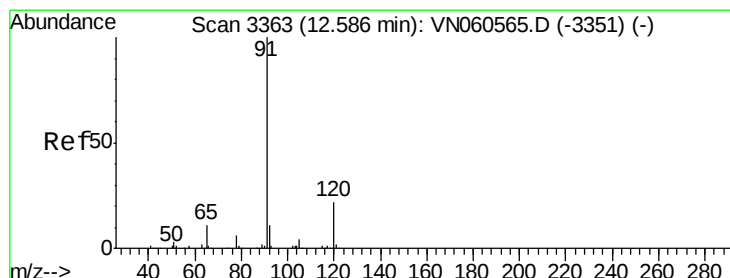
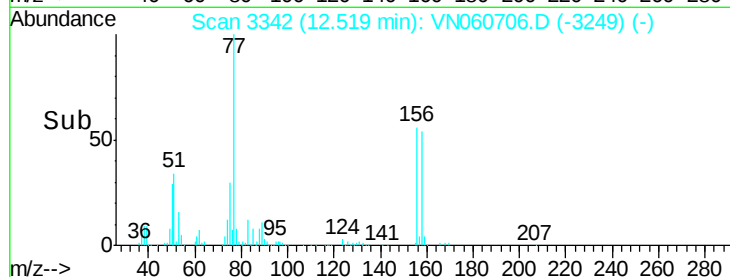
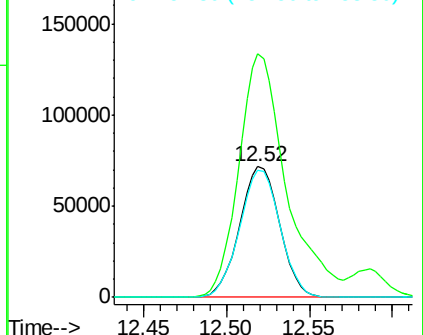
158 98.0 48.6 145.8



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: 46.591 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060706.D

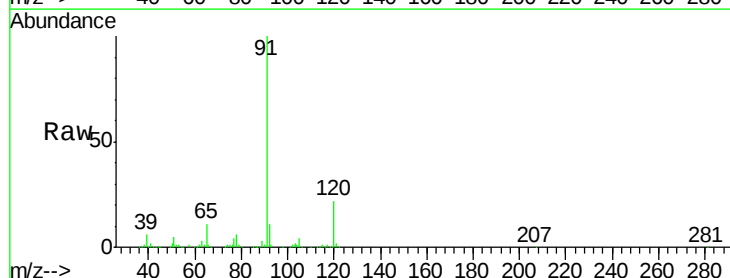
Acq: 26 Mar 2020 11:22

Tgt Ion: 91 Resp: 611462

Ion Ratio Lower Upper

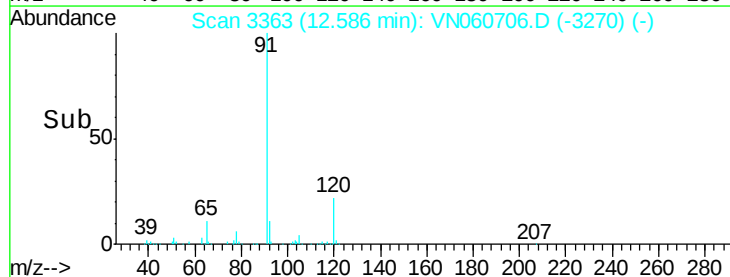
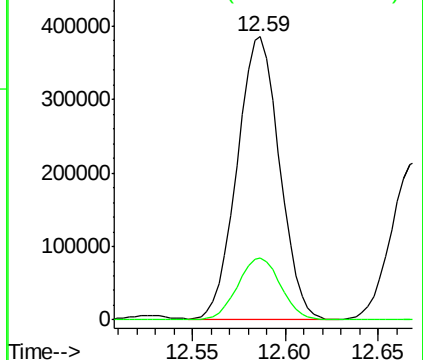
91 100

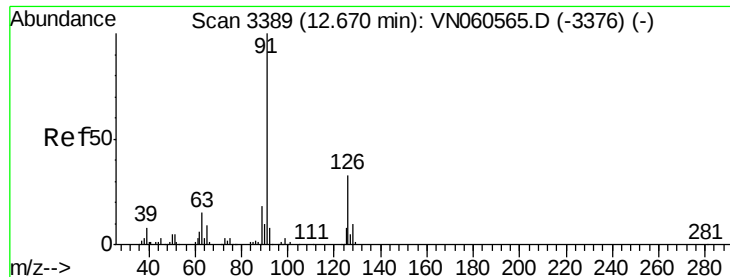
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.290 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

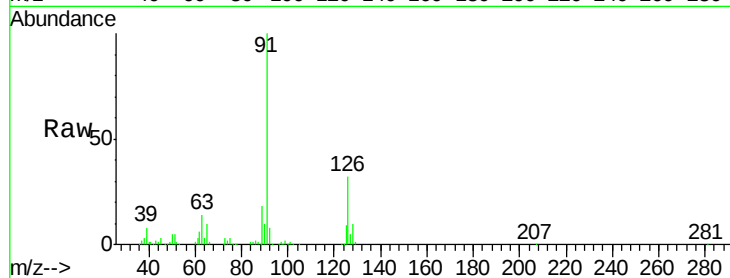
VSTDCCC050

Tgt Ion: 91 Resp: 355145

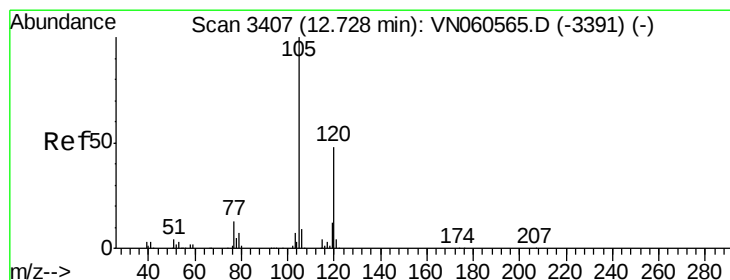
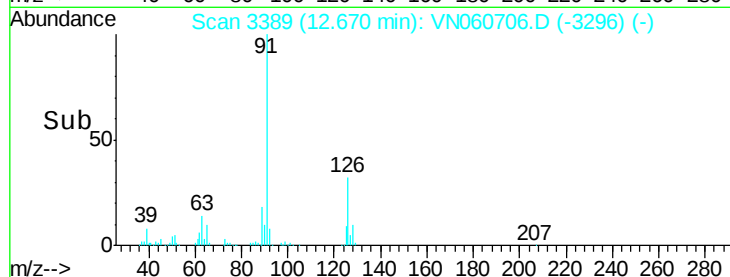
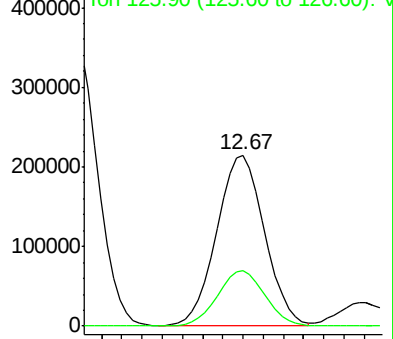
Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060706.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.080 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060706.D

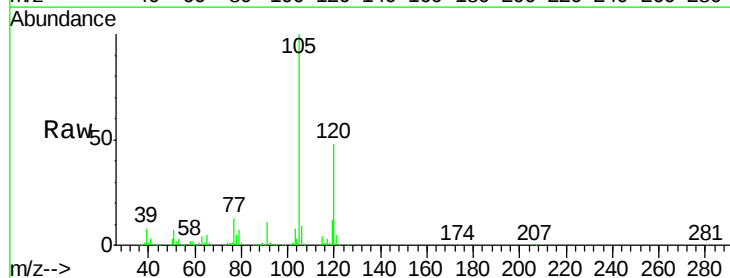
Acq: 26 Mar 2020 11:22

Tgt Ion: 105 Resp: 434399

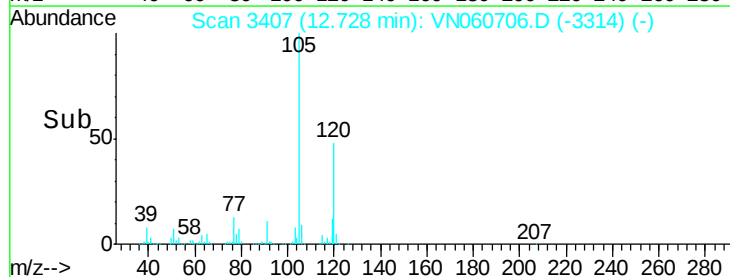
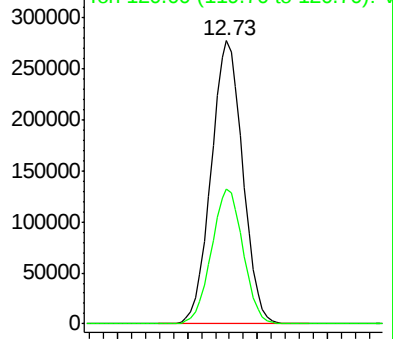
Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060706.D (-3391) (-)

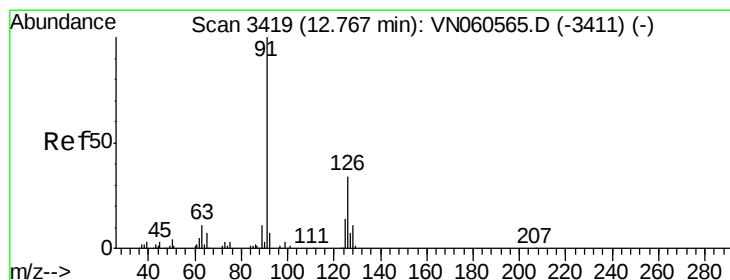
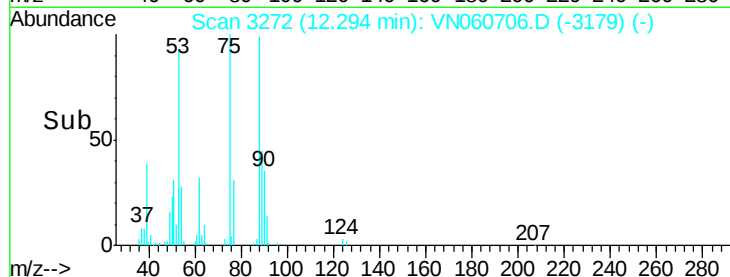
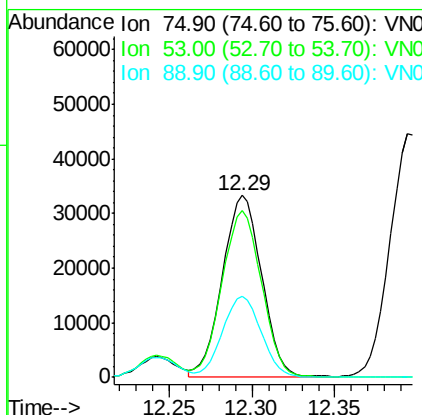
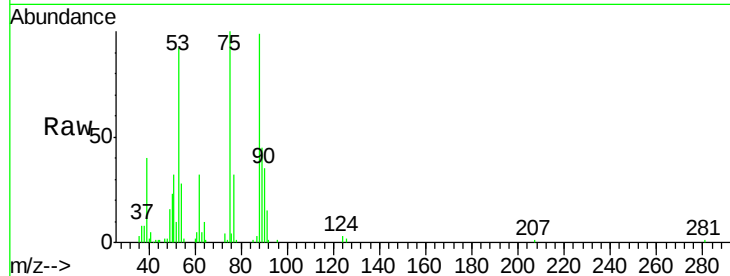




#81
trans-1,4-Dichloro-2-butene
Concen: 44.378 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

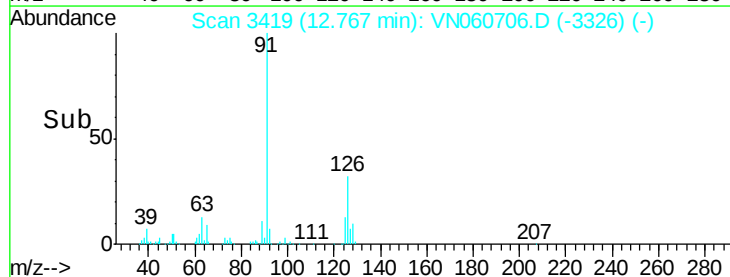
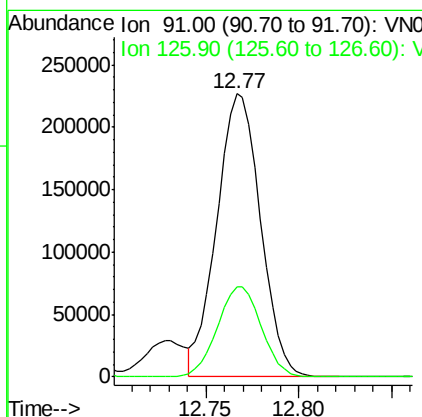
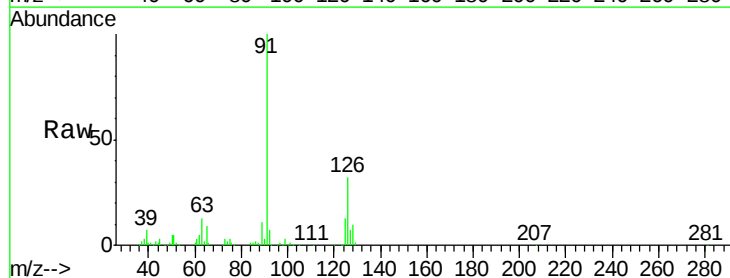
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

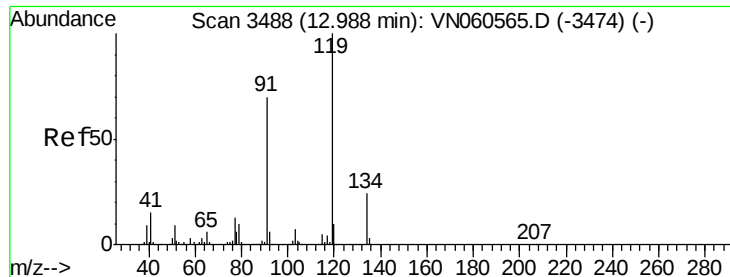
Tgt Ion: 75 Resp: 55191
Ion Ratio Lower Upper
75 100
53 92.1 73.0 109.4
89 43.8 34.8 52.2



#82
4-Chlorotoluene
Concen: 46.265 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion: 91 Resp: 369502
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.5

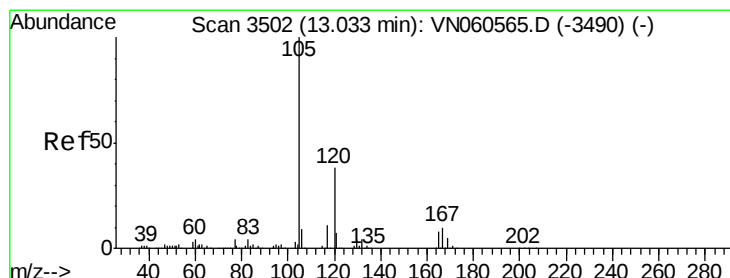
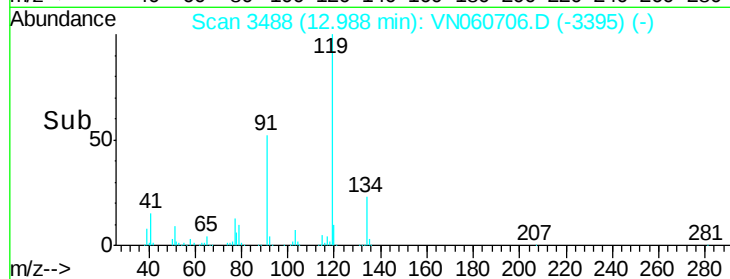
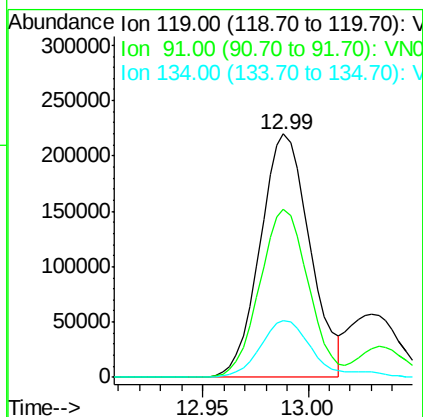
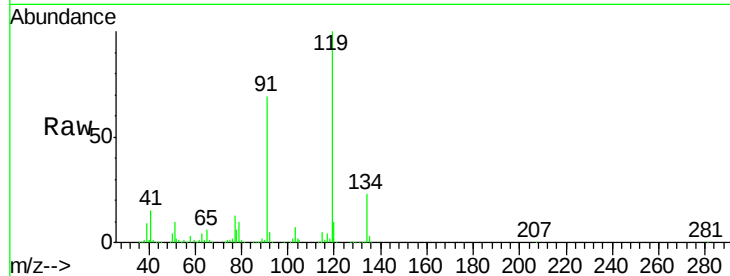




#83
 tert-Butylbenzene
 Concen: 46.250 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

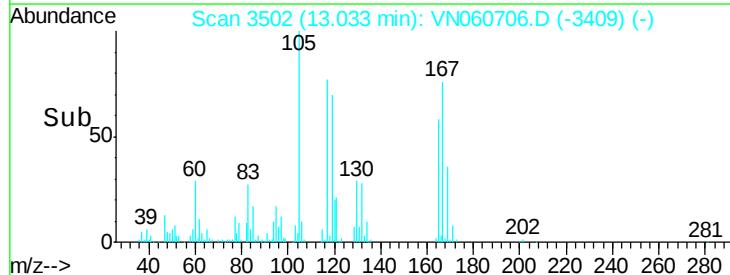
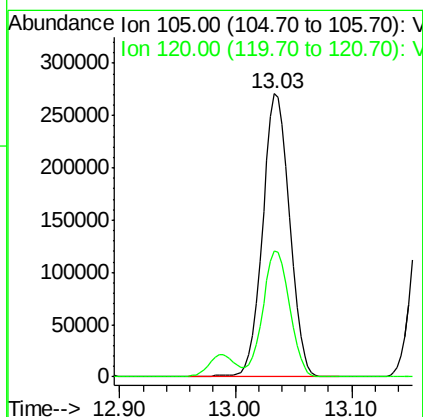
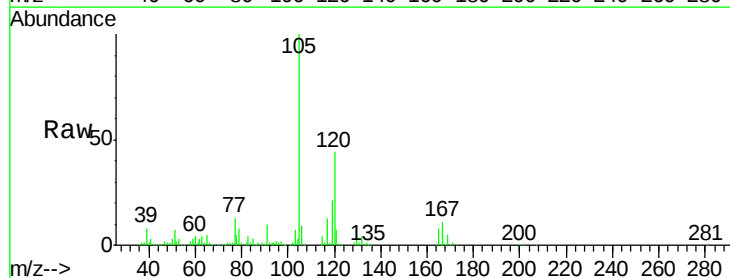
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 361434
 Ion Ratio Lower Upper
 119 100
 91 67.7 34.0 101.8
 134 24.8 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 46.950 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion:105 Resp: 437867
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 47.269 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

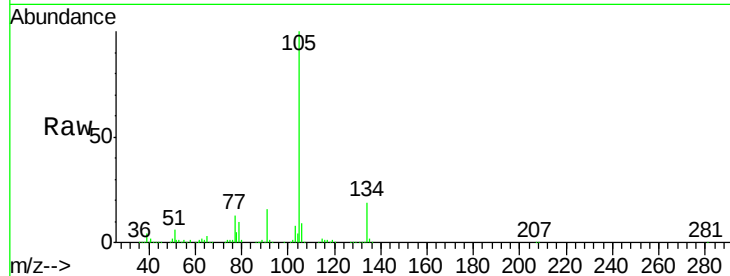
VSTDCCC050

Tgt Ion:105 Resp: 496730

Ion Ratio Lower Upper

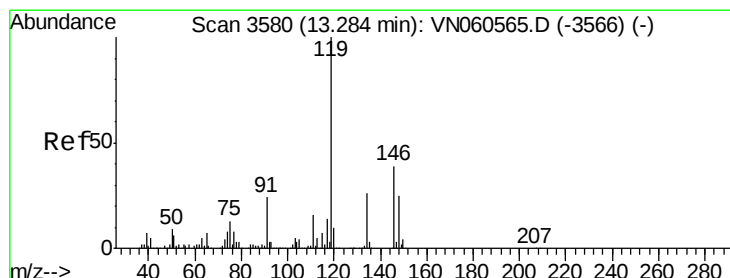
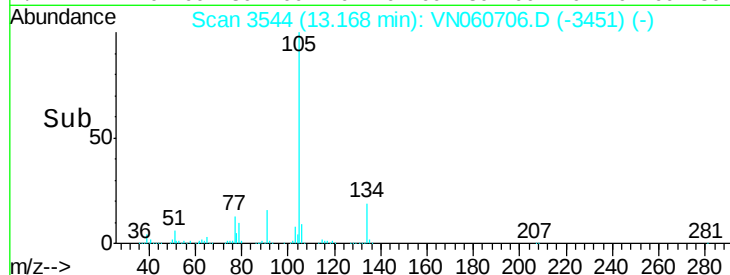
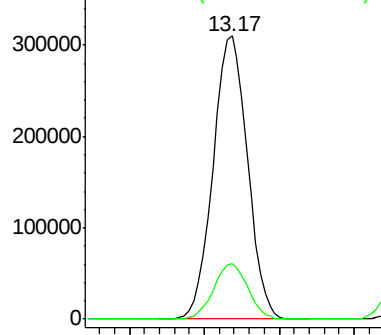
105 100

134 19.4 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: 47.506 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

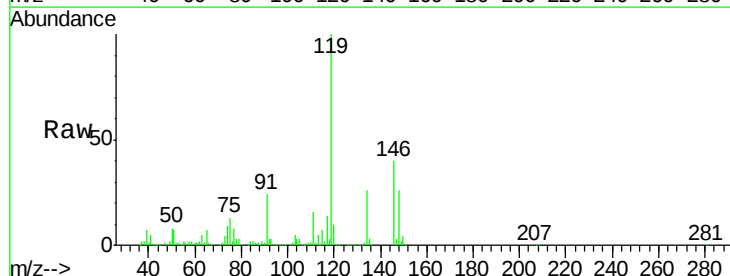
Tgt Ion:119 Resp: 448913

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

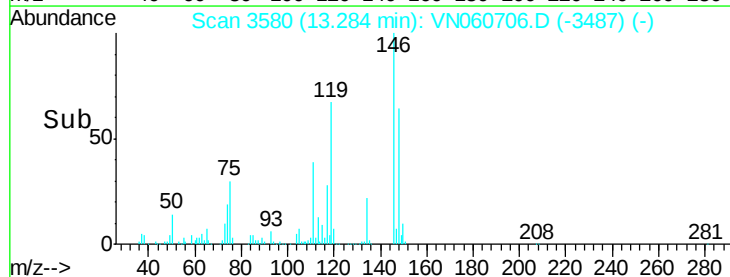
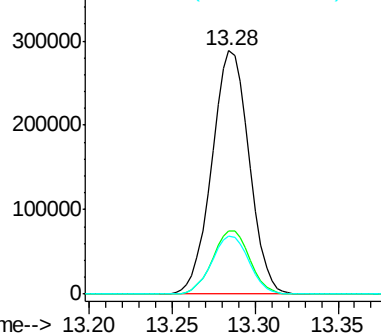
91 24.1 12.0 36.0

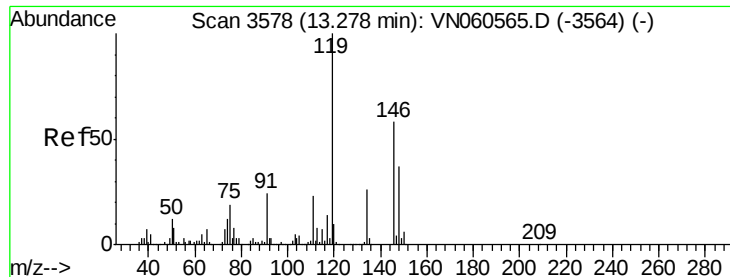


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

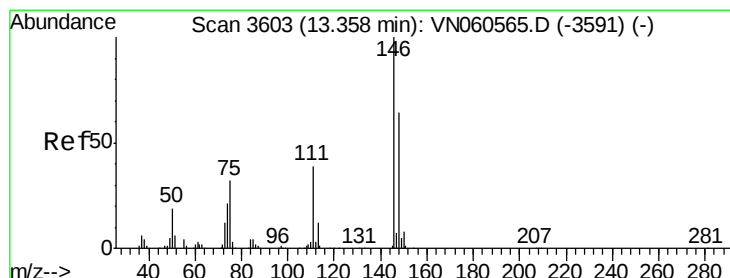
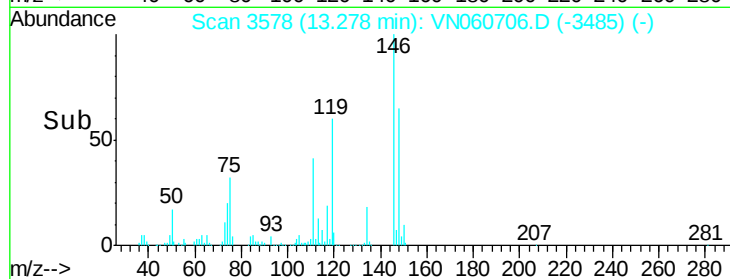
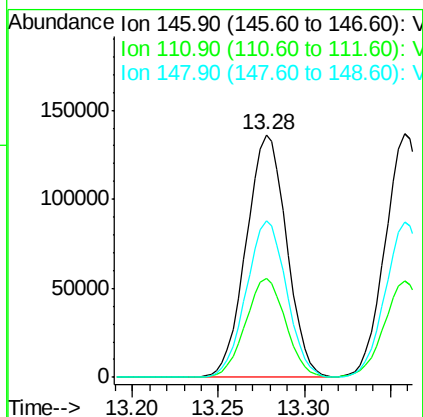
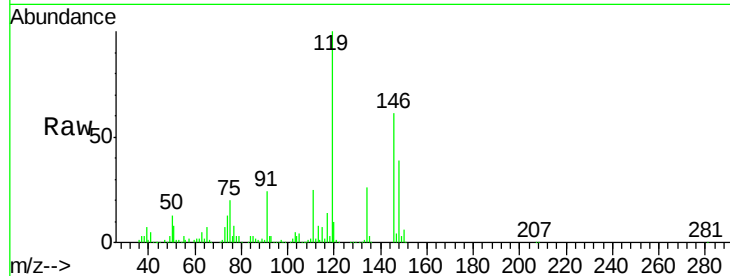




#87
 1,3-Dichlorobenzene
 Concen: 46.947 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

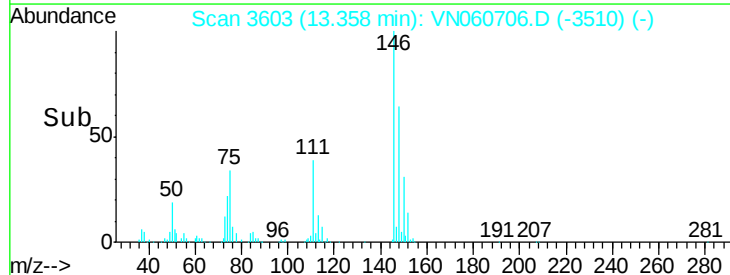
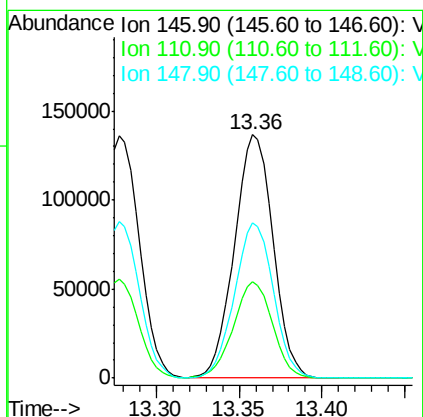
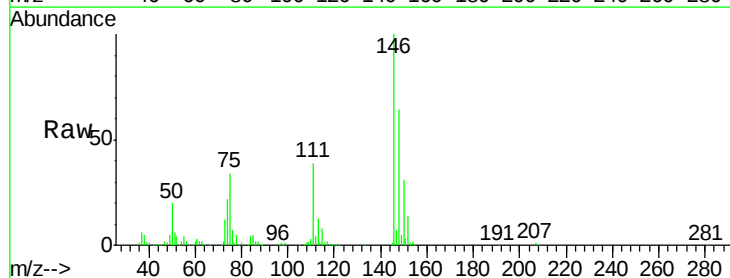
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

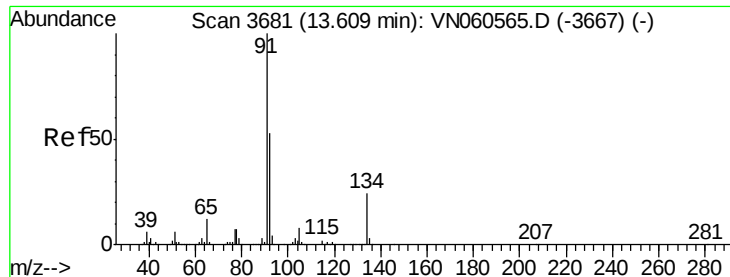
Tgt Ion:146 Resp: 221642
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.8
 148 64.6 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 46.767 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion:146 Resp: 221825
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.7
 148 64.1 32.1 96.3





#89

n-Butylbenzene

Concen: 49.152 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

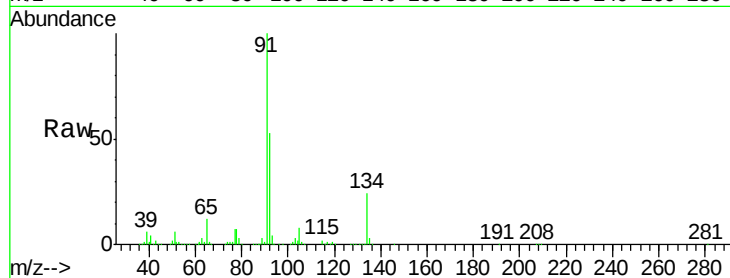
Tgt Ion: 91 Resp: 419344

Ion Ratio Lower Upper

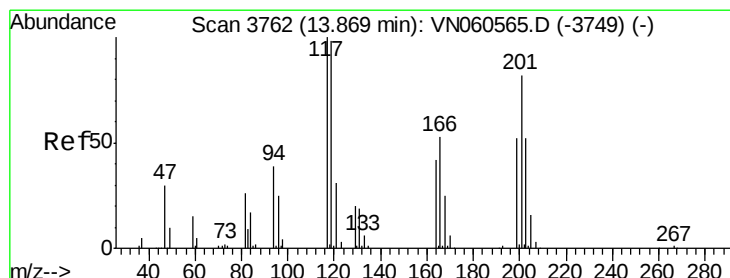
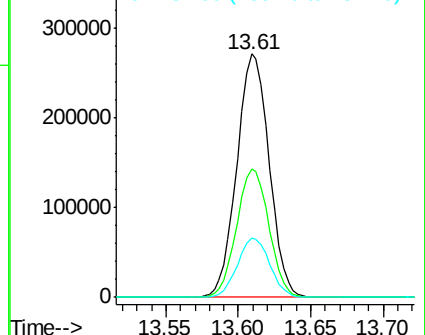
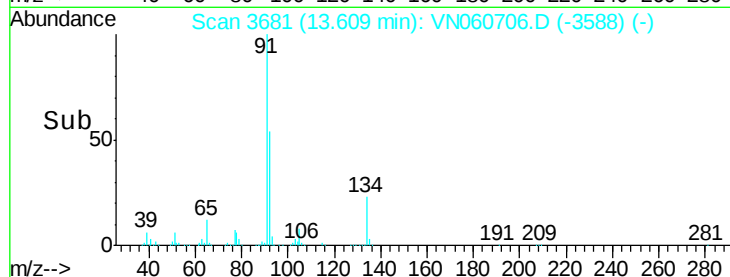
91 100

92 52.9 26.2 78.5

134 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060706.D (-3588) (-)



#90

Hexachloroethane

Concen: 47.037 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060706.D

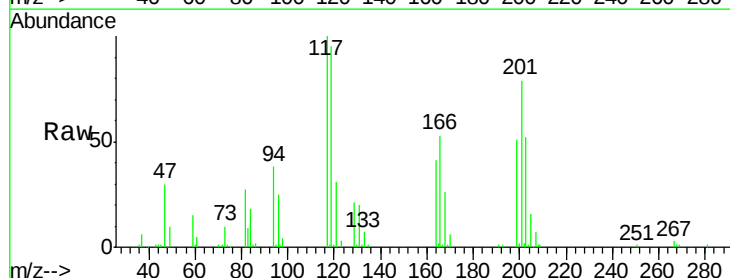
Acq: 26 Mar 2020 11:22

Tgt Ion: 117 Resp: 64609

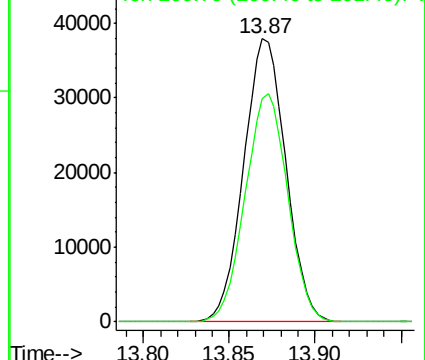
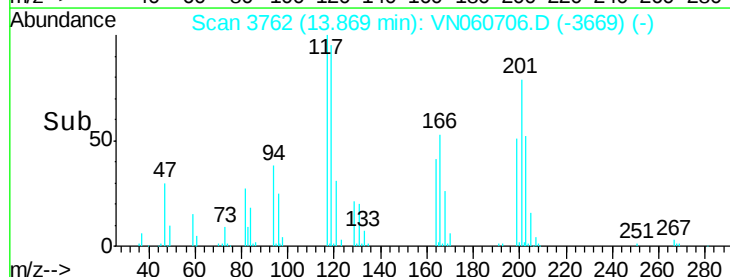
Ion Ratio Lower Upper

117 100

201 81.1 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060706.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 47.224 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

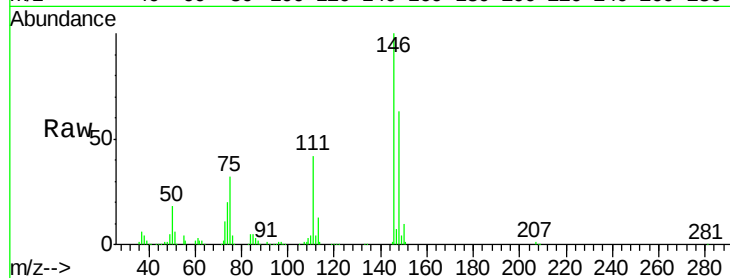
Tgt Ion:146 Resp: 213182

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

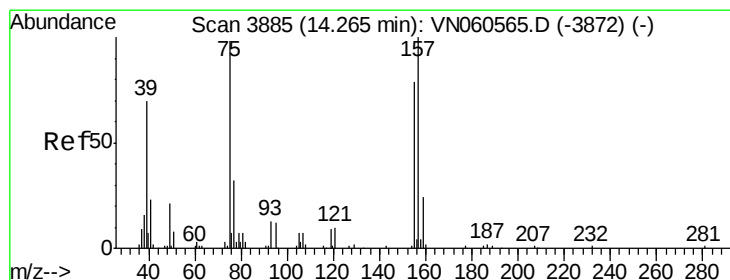
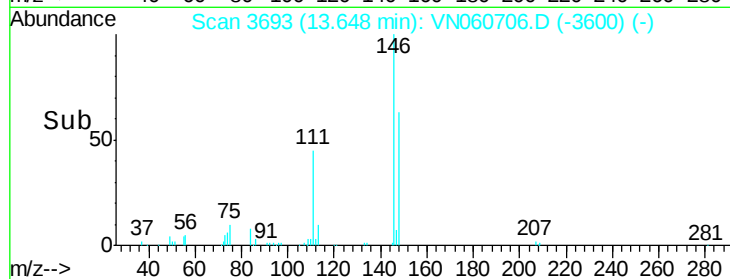
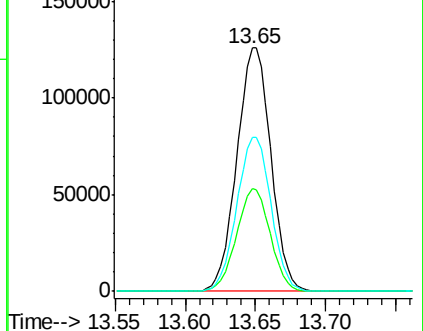
148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.309 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060706.D

Acq: 26 Mar 2020 11:22

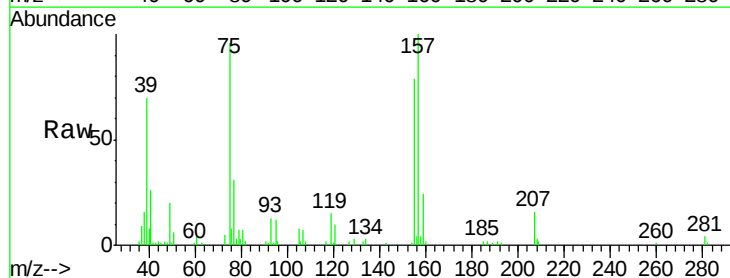
Tgt Ion: 75 Resp: 27699

Ion Ratio Lower Upper

75 100

155 81.4 40.7 122.1

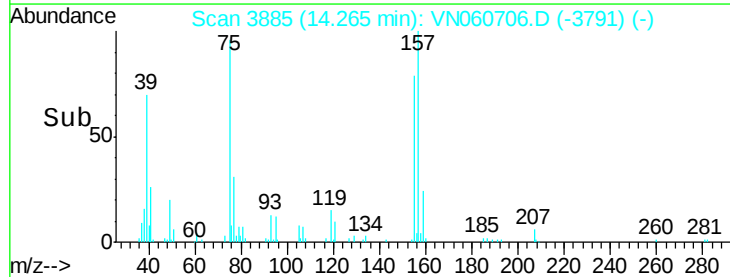
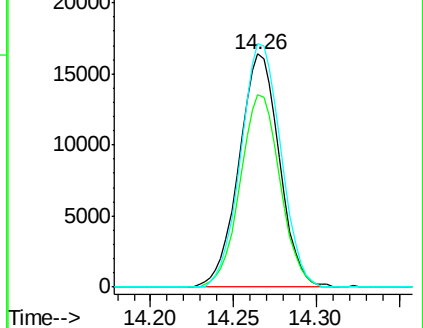
157 103.7 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

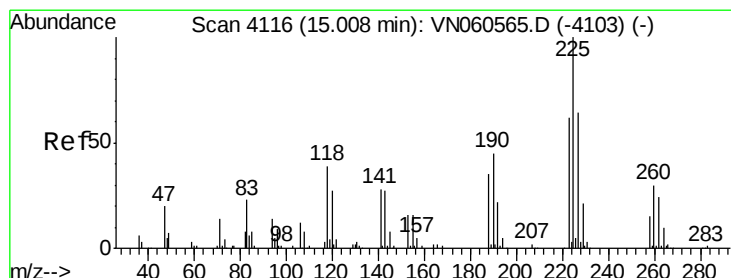
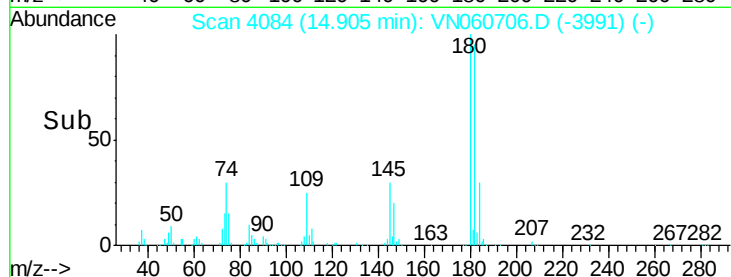
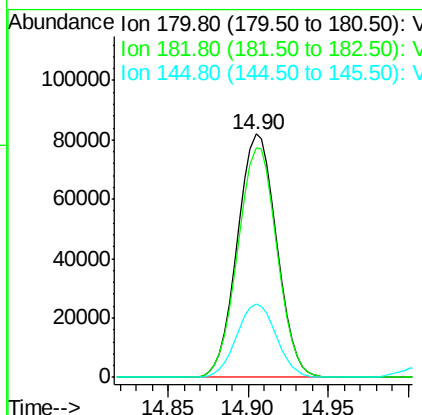
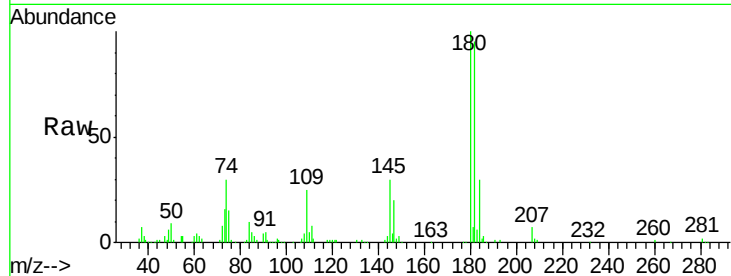




#93
 1,2,4-Trichlorobenzene
 Concen: 49.334 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

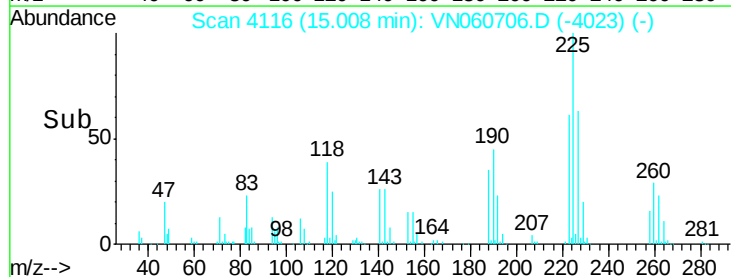
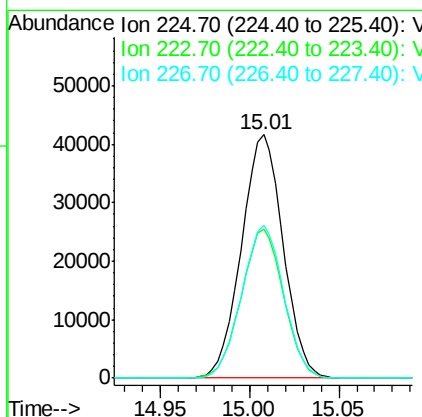
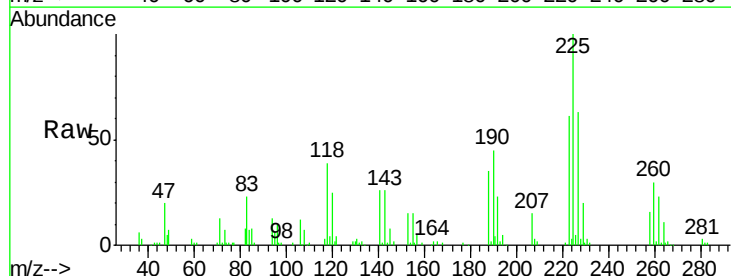
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

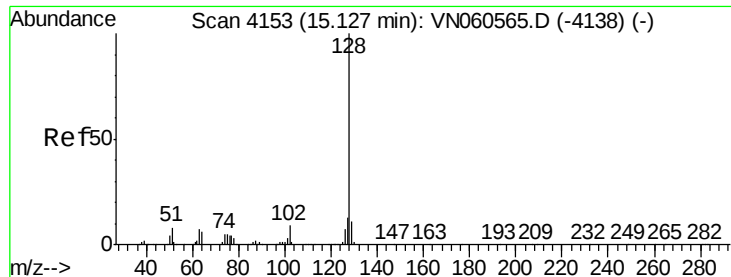
Tgt Ion:180 Resp: 136763
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.9 143.8
 145 30.4 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 49.869 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060706.D
 Acq: 26 Mar 2020 11:22

Tgt Ion:225 Resp: 67771
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 95.0
 227 63.1 32.3 96.8

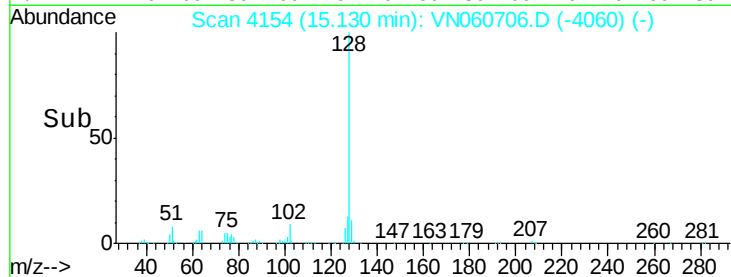
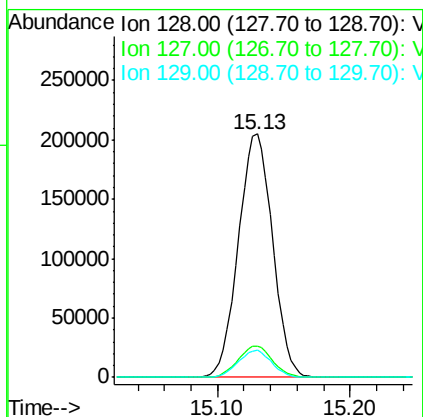
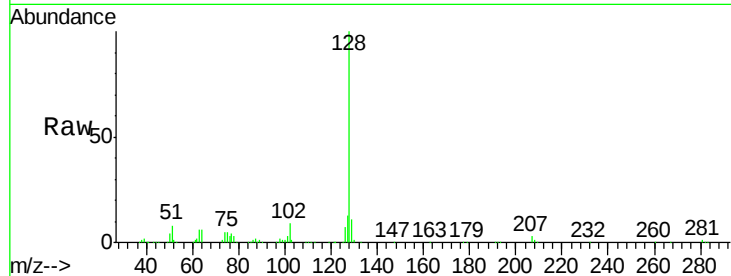




#95
Naphthalene
Concen: 43.939 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 366366
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 45.618 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060706.D
Acq: 26 Mar 2020 11:22

Tgt Ion:180 Resp: 124561
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 32.4 16.3 48.8

