

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060760.D
 Acq On : 30 Mar 2020 10:39
 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 31 08:07:07 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	219207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	355572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	326142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161158	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	130237	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
35) Dibromofluoromethane	7.56	113	98036	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
50) Toluene-d8	10.08	98	392722	44.72	ug/l	0.00
Spiked Amount			Recovery	=	89.44%	
62) 4-Bromofluorobenzene	12.40	95	146941	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	98334	46.361	ug/l	99
3) Chloromethane	2.04	50	172751	43.609	ug/l	99
4) Vinyl Chloride	2.17	62	134564	43.430	ug/l	97
5) Bromomethane	2.54	94	64399	48.147	ug/l	99
6) Chloroethane	2.69	64	84103	47.121	ug/l	99
7) Trichlorofluoromethane	3.00	101	181926	47.664	ug/l	100
8) Diethyl Ether	3.38	74	74644	48.682	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	110809	50.103	ug/l	99
10) Methyl Iodide	3.93	142	91211	46.348	ug/l	100
11) Tert butyl alcohol	4.72	59	95912	216.721	ug/l #	87
12) 1,1-Dichloroethene	3.72	96	110158	46.415	ug/l	99
13) Acrolein	3.57	56	132788	270.726	ug/l	100
14) Allyl chloride	4.29	41	202375	48.483	ug/l	96
15) Acrylonitrile	4.94	53	306532	235.542	ug/l	99
16) Acetone	3.77	43	369392	346.546	ug/l	99
17) Carbon Disulfide	4.03	76	324453	44.951	ug/l	99
18) Methyl Acetate	4.28	43	144555	48.180	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	386118	47.320	ug/l	97
20) Methylene Chloride	4.52	84	125047	47.689	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	118994	47.043	ug/l	94
22) Diisopropyl ether	5.91	45	445849	50.557	ug/l	96
23) Vinyl Acetate	5.85	43	1807261	251.170	ug/l	100
24) 1,1-Dichloroethane	5.81	63	236617	49.218	ug/l	99
25) 2-Butanone	6.79	43	460648	267.066	ug/l	99
26) 2,2-Dichloropropane	6.79	77	202449	53.522	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	137993	48.007	ug/l	98
28) Bromochloromethane	7.17	49	113513	49.351	ug/l	99
29) Tetrahydrofuran	7.17	42	274582	224.993	ug/l	98
30) Chloroform	7.34	83	223307	48.452	ug/l	99
31) Cyclohexane	7.63	56	222472	45.902	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	191468	48.191	ug/l	99
36) 1,1-Dichloropropene	7.77	75	176797	51.349	ug/l	99
37) Ethyl Acetate	6.89	43	173839	46.727	ug/l	100
38) Carbon Tetrachloride	7.75	117	154175	49.962	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	215390	52.642	ug/l	98
40) Benzene	8.02	78	520709	50.099	ug/l	100
41) Methacrylonitrile	7.14	41	82330m	51.855	ug/l	
42) 1,2-Dichloroethane	8.10	62	178742	50.321	ug/l	100
43) Isopropyl Acetate	8.14	43	299988	48.894	ug/l	100
44) Trichloroethene	8.81	130	132140	50.433	ug/l	99
45) 1,2-Dichloropropane	9.10	63	141564	51.617	ug/l	99
46) Dibromomethane	9.19	93	83422	50.314	ug/l	100
47) Bromodichloromethane	9.38	83	175630	50.975	ug/l	99
48) Methyl methacrylate	9.18	41	133503	48.872	ug/l	99
49) 1,4-Dioxane	9.17	88	31359	965.807	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	856525	245.328	ug/l	99
52) Toluene	10.14	92	318319	50.711	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	209404	52.911	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	224161	51.629	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	121130	50.160	ug/l	100
56) Ethyl methacrylate	10.42	69	191382	50.827	ug/l	99
57) 1,3-Dichloropropane	10.70	76	214307	51.140	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	419503	224.162	ug/l	100
59) 2-Hexanone	10.74	43	660553	262.645	ug/l	100
60) Dibromochloromethane	10.89	129	128953	51.696	ug/l	99
61) 1,2-Dibromoethane	10.99	107	123341	50.793	ug/l	100
64) Tetrachloroethene	10.62	164	126514	49.295	ug/l	99
65) Chlorobenzene	11.42	112	326348	50.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	120711	51.566	ug/l	98
67) Ethyl Benzene	11.50	91	615455	51.188	ug/l	99
68) m/p-Xylenes	11.61	106	455383	101.921	ug/l	99
69) o-Xylene	11.94	106	219057	51.359	ug/l	100
70) Styrene	11.96	104	360624	51.697	ug/l	100
71) Bromoform	12.12	173	90750	46.756	ug/l #	99
73) Isopropylbenzene	12.24	105	588411	48.652	ug/l	100
74) N-amyl acetate	12.06	43	263793	47.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	171461	46.881	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	167958m	48.299	ug/l	
77) Bromobenzene	12.52	156	139521	47.875	ug/l	99
78) n-propylbenzene	12.59	91	711122	49.768	ug/l	99
79) 2-Chlorotoluene	12.67	91	409946	48.017	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	502197	48.930	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	66560	49.158	ug/l	97
82) 4-Chlorotoluene	12.77	91	432008	49.683	ug/l	99
83) tert-Butylbenzene	12.99	119	420876	49.467	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	505140	49.749	ug/l	100
85) sec-Butylbenzene	13.17	105	583878	51.034	ug/l	100
86) p-Isopropyltoluene	13.28	119	527787	51.301	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	256049	49.815	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	255979	49.569	ug/l	99
89) n-Butylbenzene	13.61	91	501289	53.968	ug/l	100
90) Hexachloroethane	13.87	117	80566	53.874	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	245028	49.855	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33862	44.172	ug/l	98

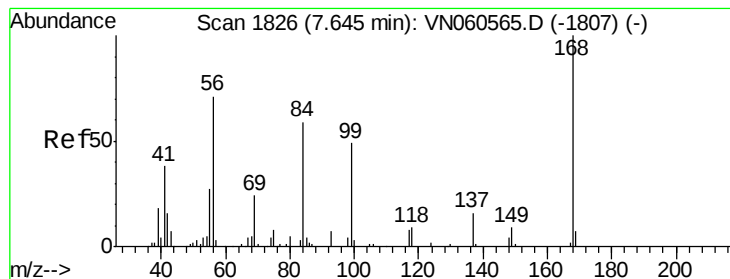
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	160811	53.281	ug/l	99
94) Hexachlorobutadiene	15.01	225	81582	55.139	ug/l	99
95) Naphthalene	15.13	128	434583	47.872	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	149607	50.325	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: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

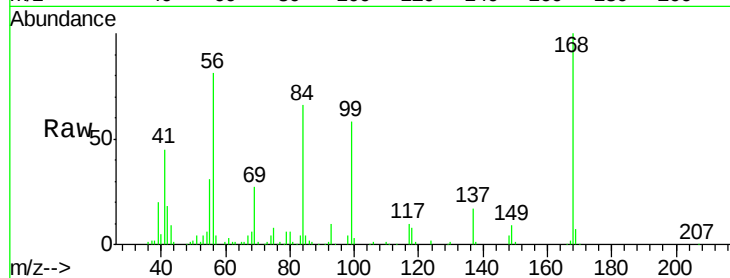
VSTDCCC050

Tot Ion:168 Resp: 219207

Ion Ratio Lower Upper

168 100

99 58.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

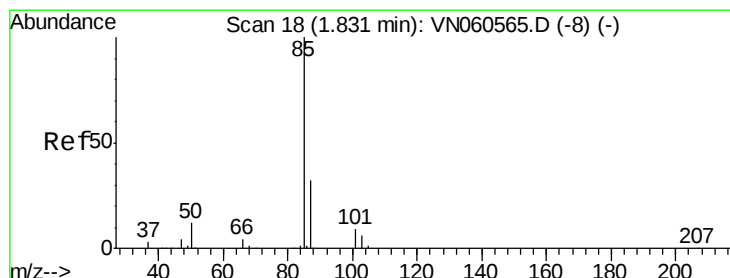
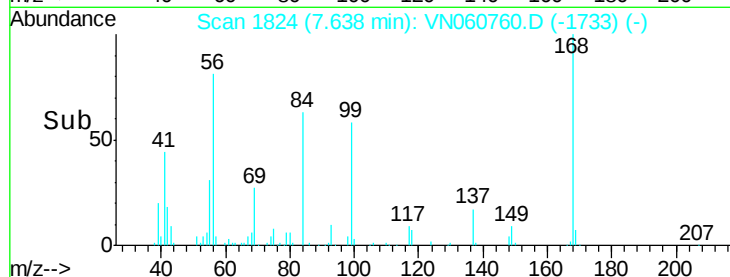
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.361 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060760.D

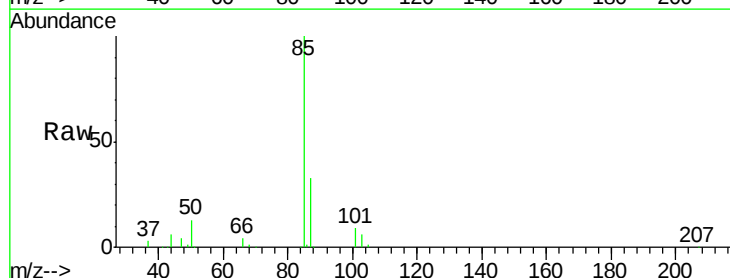
Acq: 30 Mar 2020 10:39

Tgt Ion: 85 Resp: 98334

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

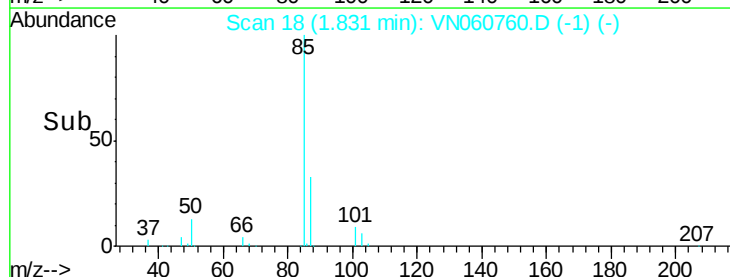
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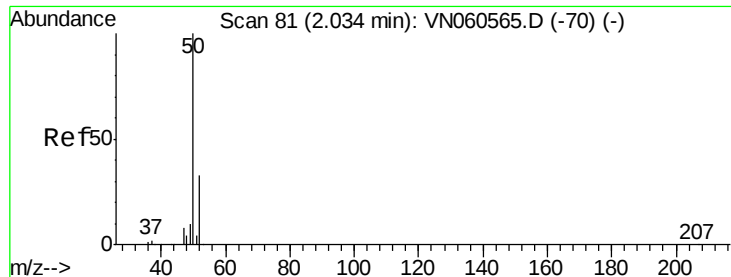
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.609 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

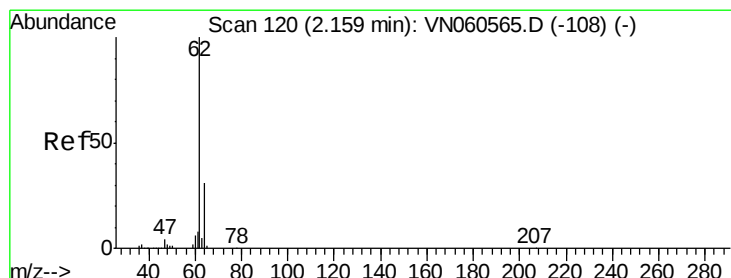
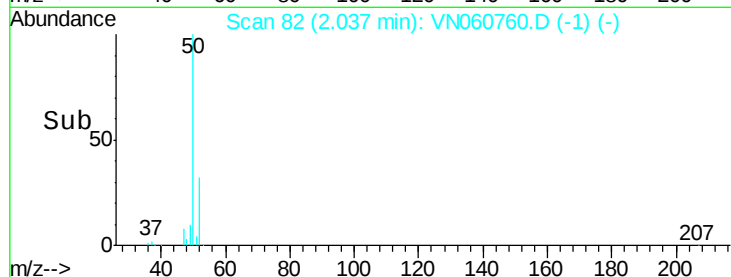
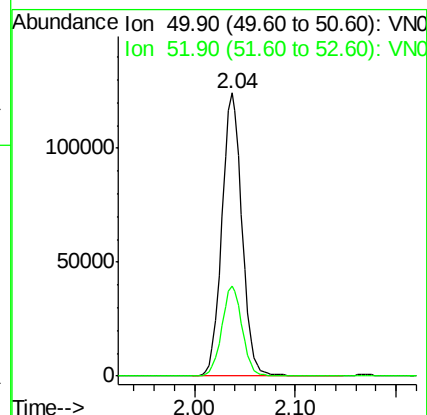
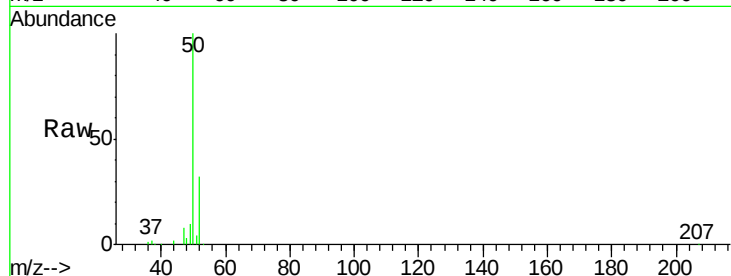
VSTDCCC050

Tot Ion: 50 Resp: 172751

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2



#4

Vinyl Chloride

Concen: 43.430 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060760.D

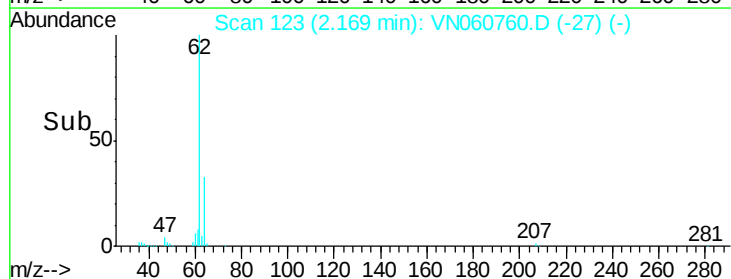
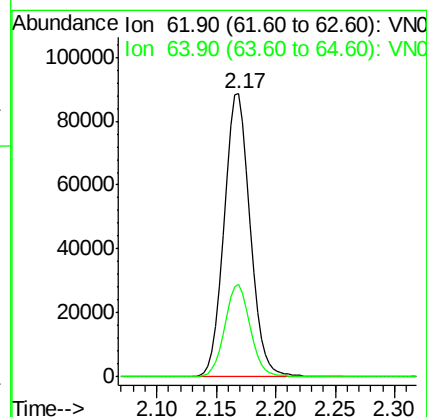
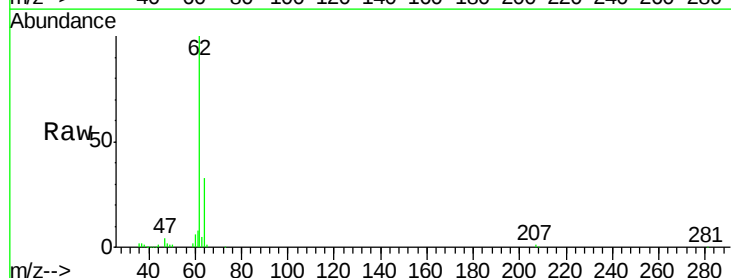
Acq: 30 Mar 2020 10:39

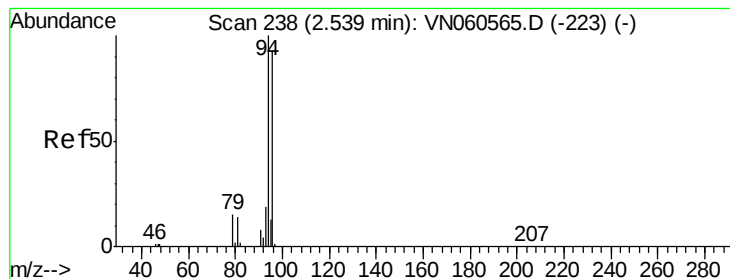
Tgt Ion: 62 Resp: 134564

Ion Ratio Lower Upper

62 100

64 32.5 24.7 37.1





#5

Bromomethane

Concen: 48.147 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

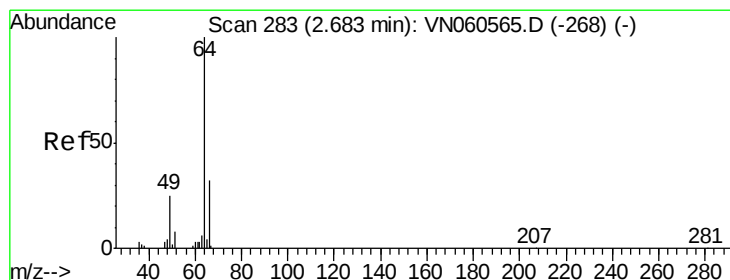
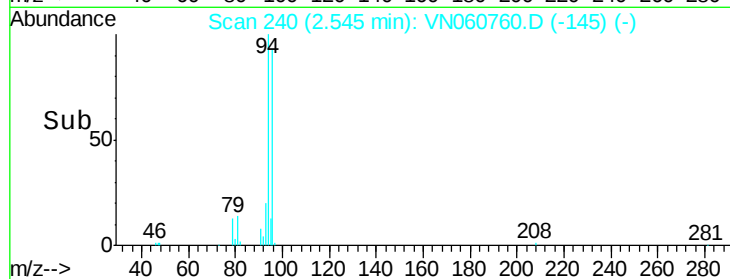
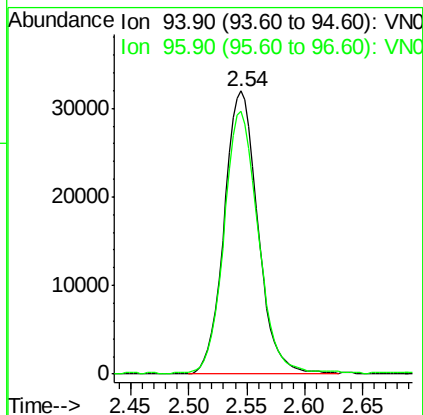
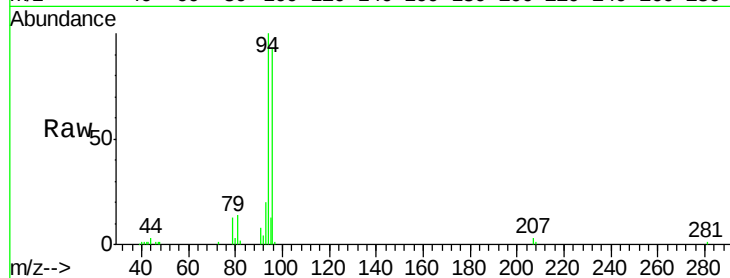
VSTDCCC050

Tot Ion: 94 Resp: 64399

Ion Ratio Lower Upper

94 100

96 92.2 74.6 112.0



#6

Chloroethane

Concen: 47.121 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060760.D

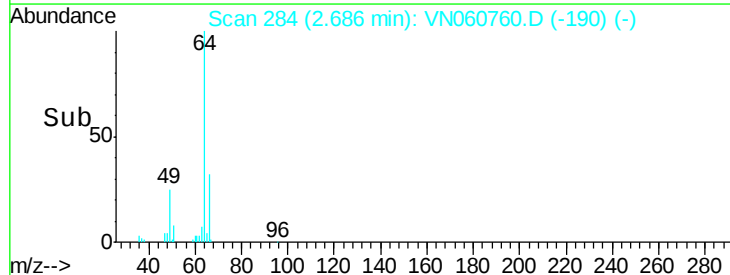
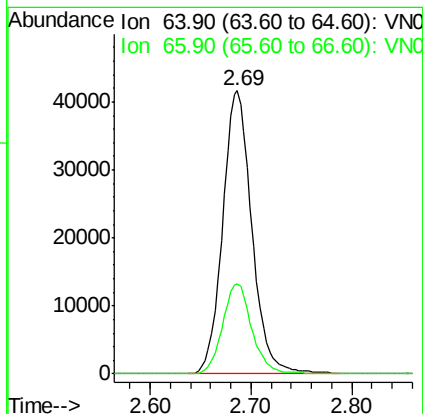
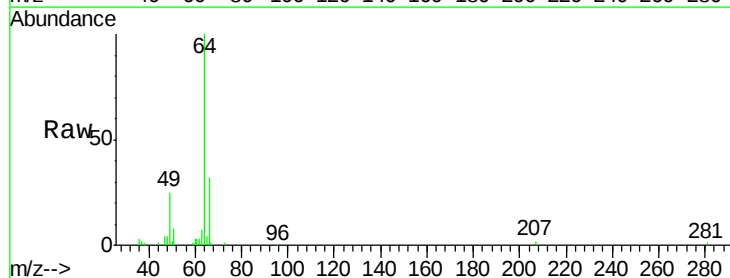
Acq: 30 Mar 2020 10:39

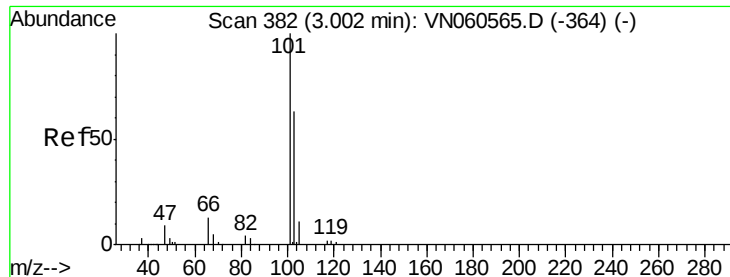
Tgt Ion: 64 Resp: 84103

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9



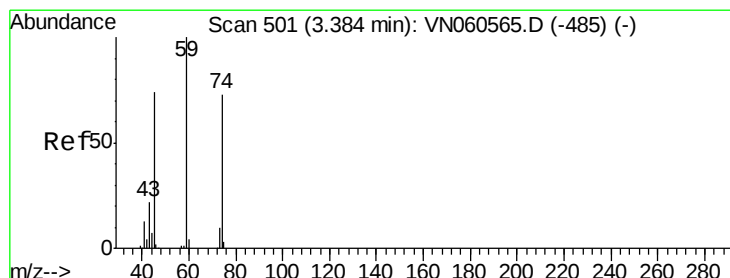
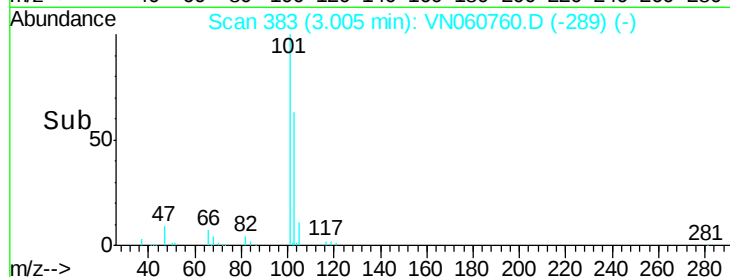
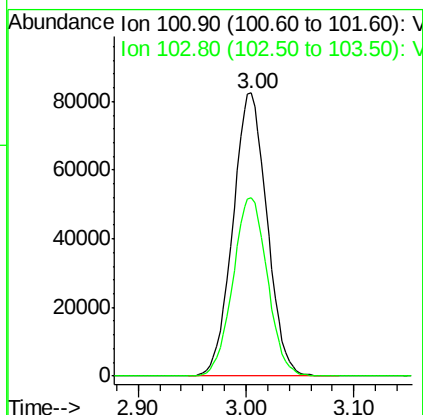
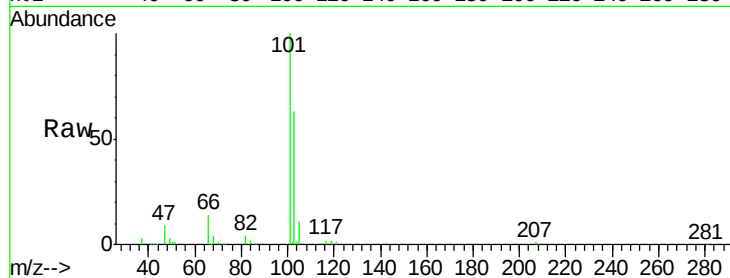


#7

Trichlorofluoromethane
 Concen: 47.664 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

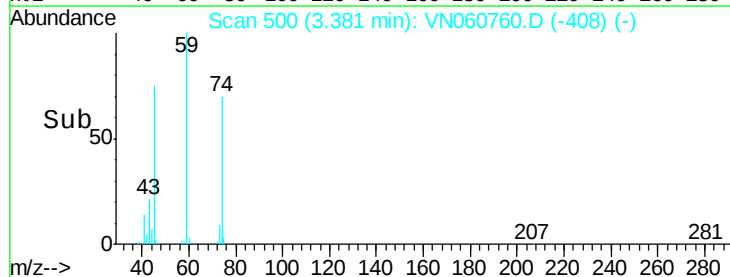
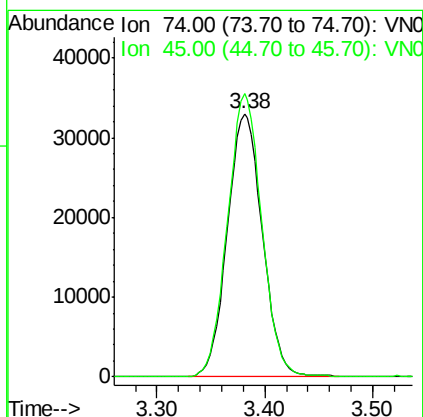
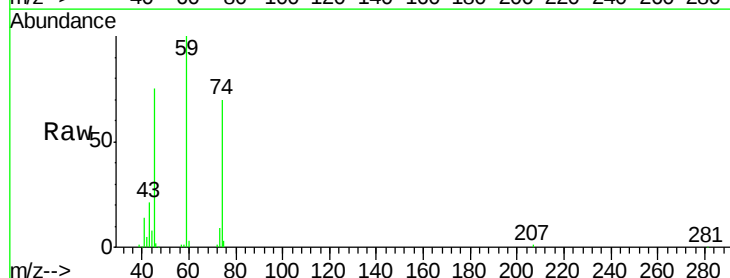
Tot Ion:101 Resp: 181926
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.6 76.0

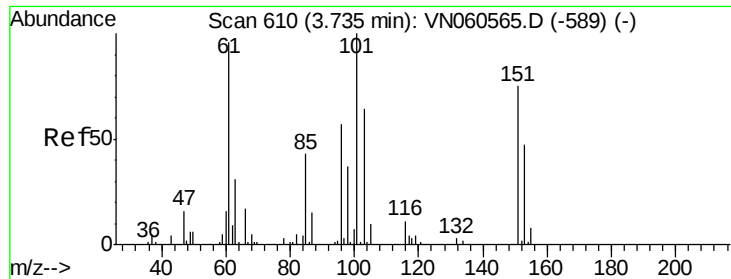


#8

Diethyl Ether
 Concen: 48.682 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion: 74 Resp: 74644
 Ion Ratio Lower Upper
 74 100
 45 105.3 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.103 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

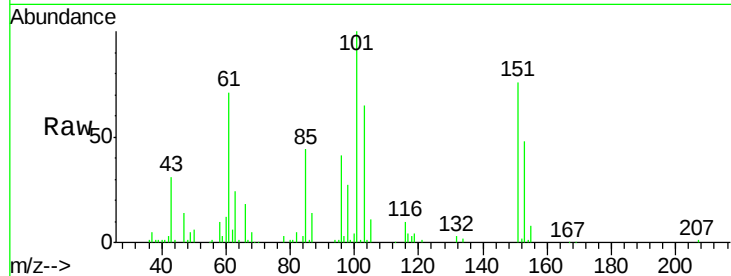
Tot Ion:101 Resp: 110809

Ion Ratio Lower Upper

101 100

85 44.8 35.6 53.4

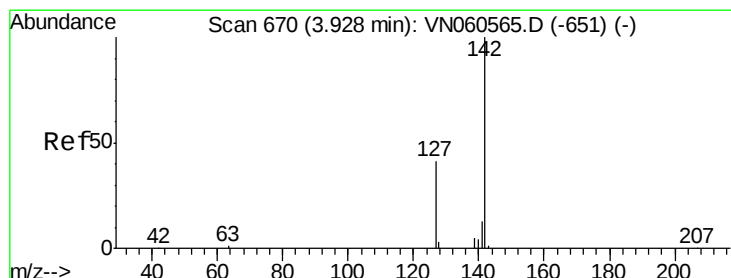
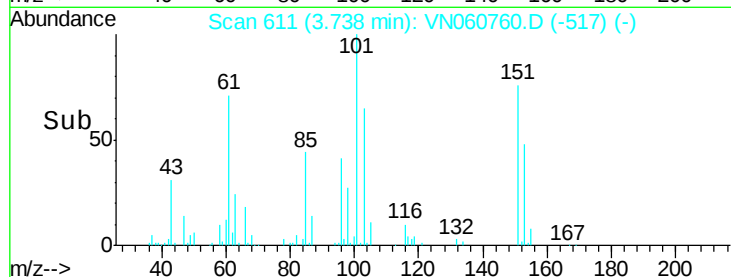
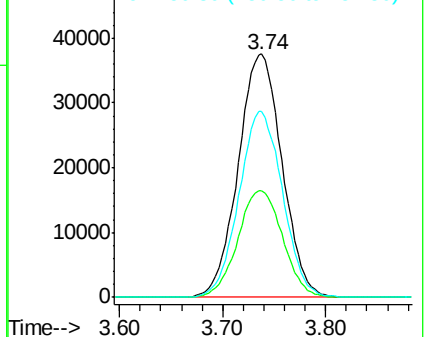
151 76.0 61.4 92.2



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: 46.348 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

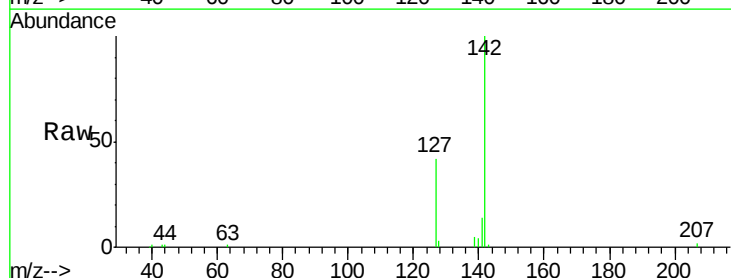
Tgt Ion:142 Resp: 91211

Ion Ratio Lower Upper

142 100

127 41.8 33.5 50.3

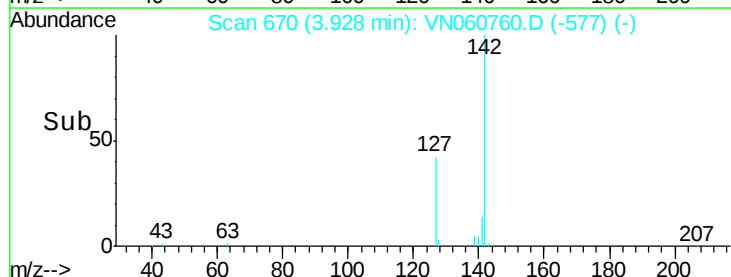
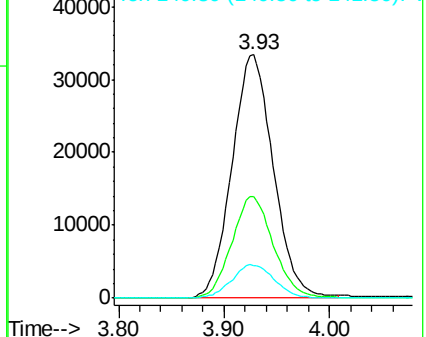
141 13.9 11.0 16.6

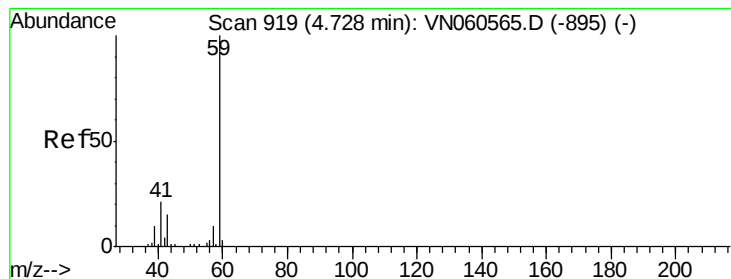


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 216.721 ug/l

RT: 4.72 min Scan# 916

Delta R.T. -0.01 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

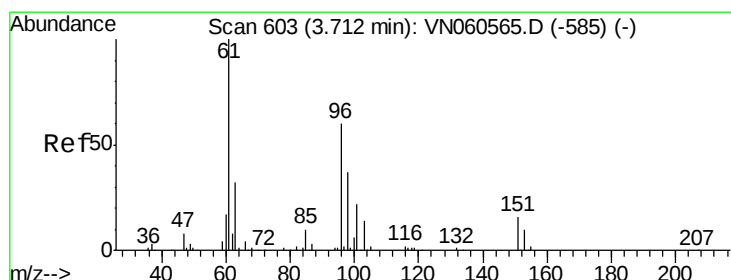
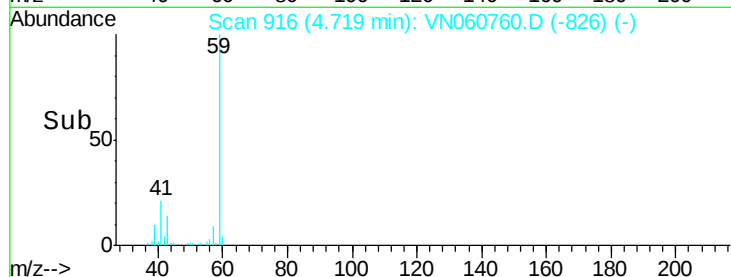
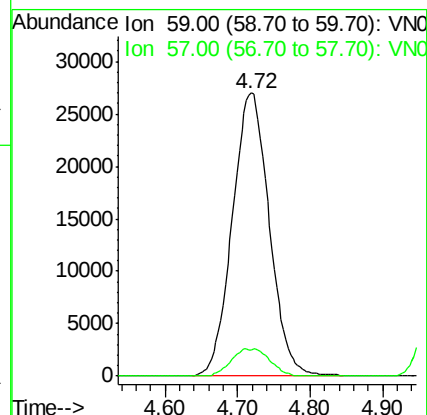
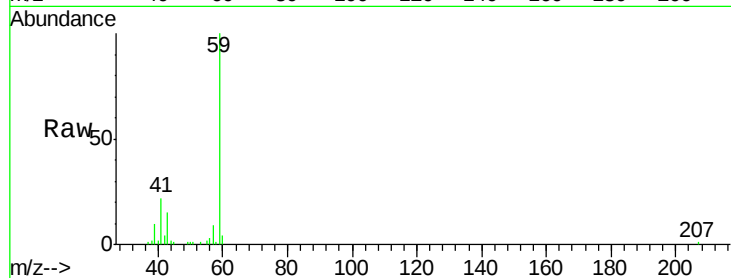
VSTDCCC050

Tot Ion: 59 Resp: 95912

Ion Ratio Lower Upper

59 100

57 5.3 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 46.415 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

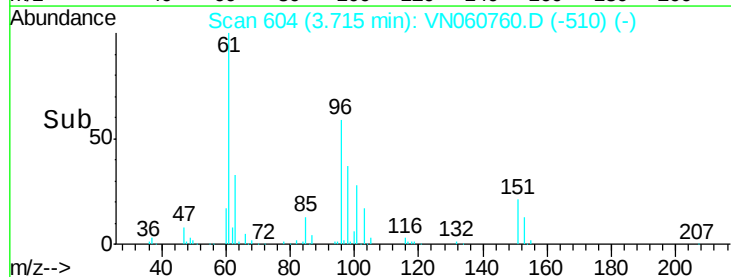
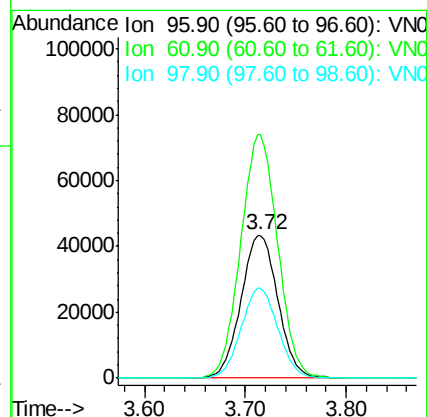
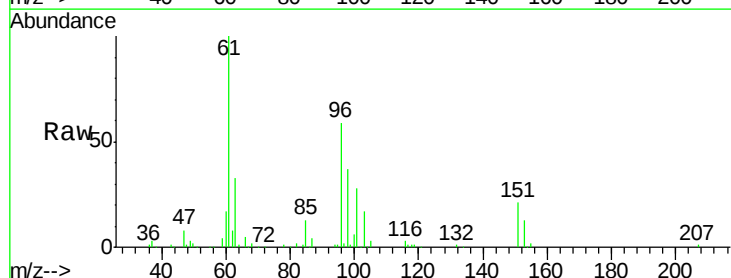
Tgt Ion: 96 Resp: 110158

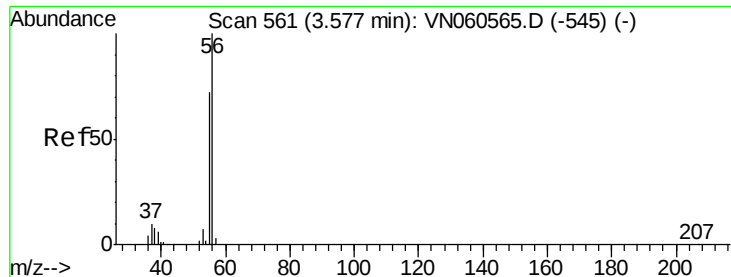
Ion Ratio Lower Upper

96 100

61 170.1 134.1 201.1

98 62.8 49.9 74.9





#13

Acrolein

Concen: 270.726 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

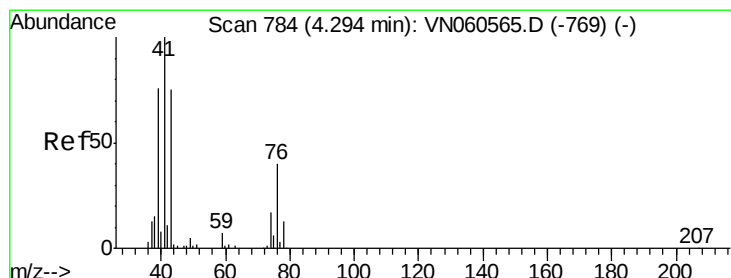
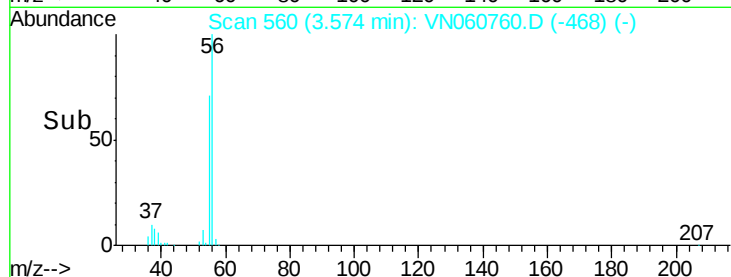
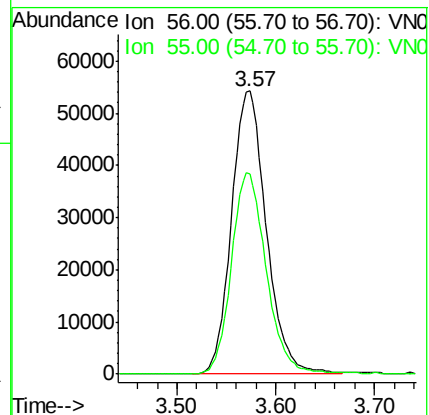
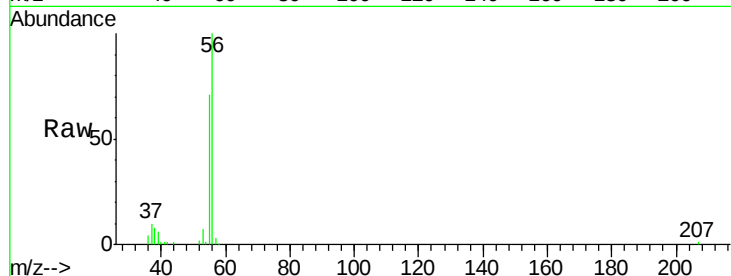
VSTDCCC050

Tot Ion: 56 Resp: 132788

Ion Ratio Lower Upper

56 100

55 71.3 56.7 85.1



#14

Allyl chloride

Concen: 48.483 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

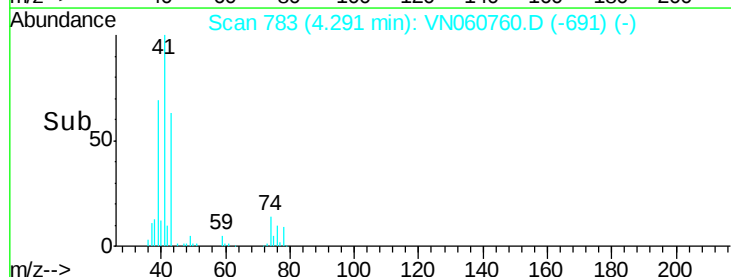
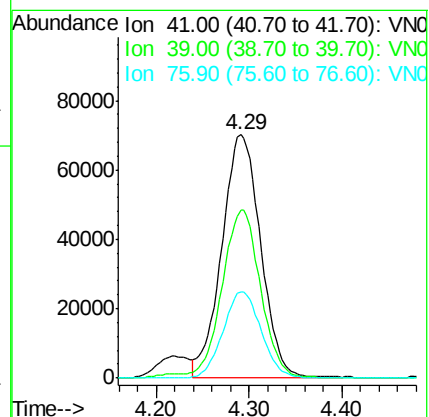
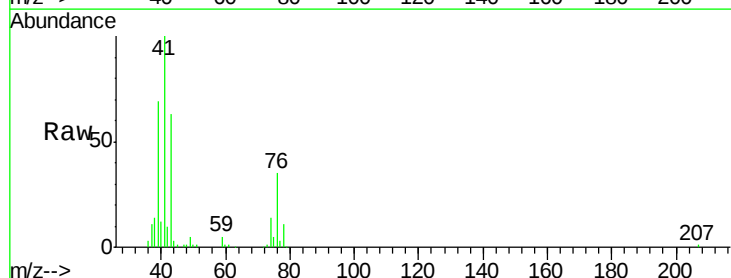
Tgt Ion: 41 Resp: 202375

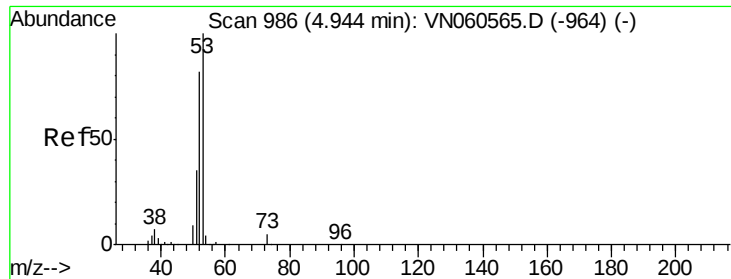
Ion Ratio Lower Upper

41 100

39 68.1 57.8 86.8

76 35.0 28.6 43.0





#15

Acrylonitrile

Concen: 235.542 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

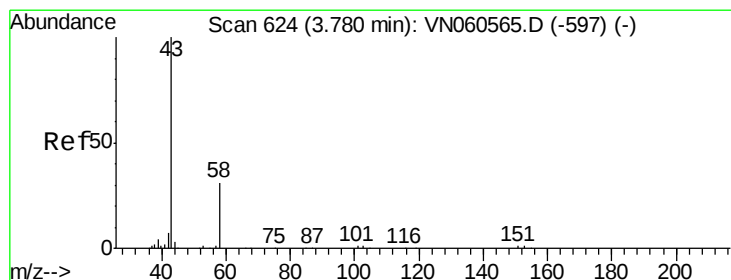
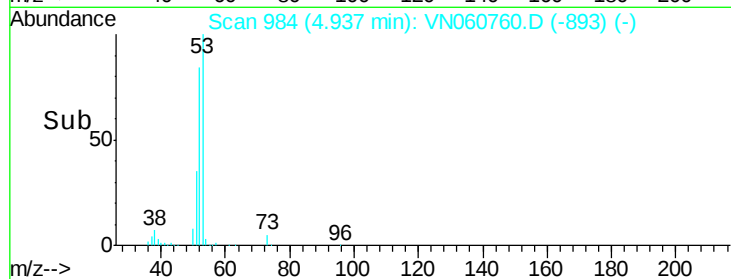
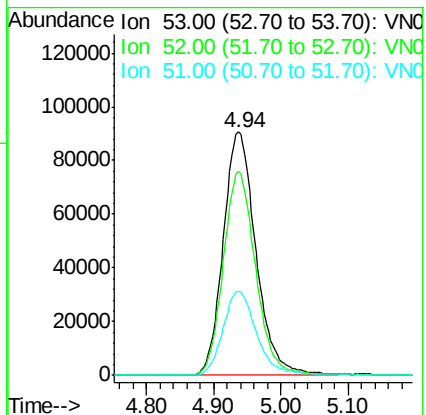
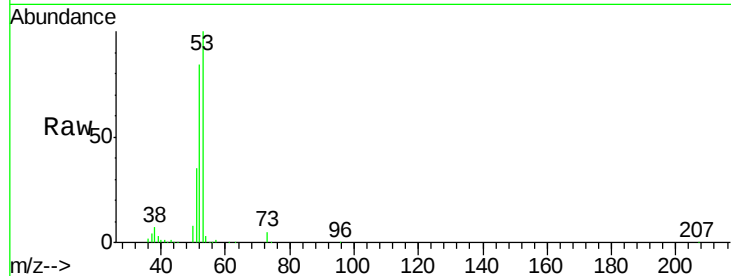
Tot Ion: 53 Resp: 306532

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.4

51 35.5 28.7 43.1



#16

Acetone

Concen: 346.546 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060760.D

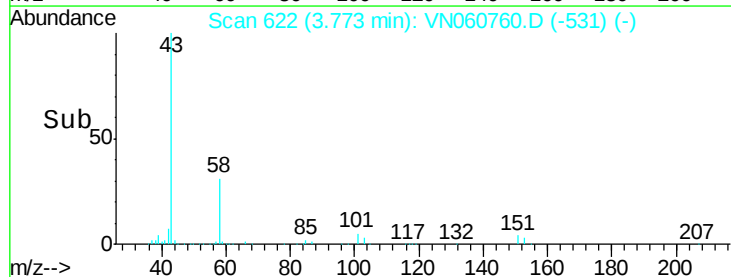
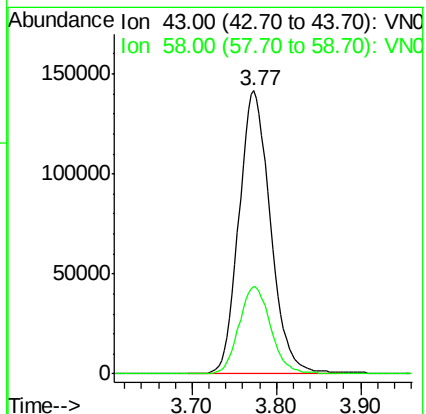
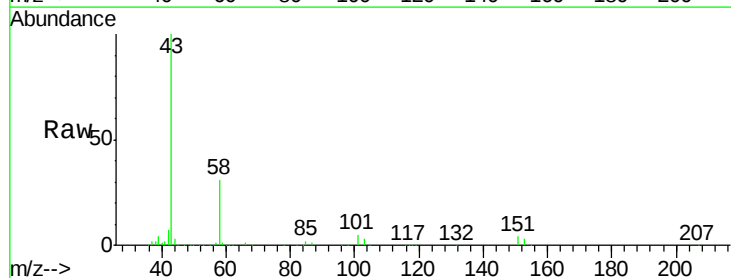
Acq: 30 Mar 2020 10:39

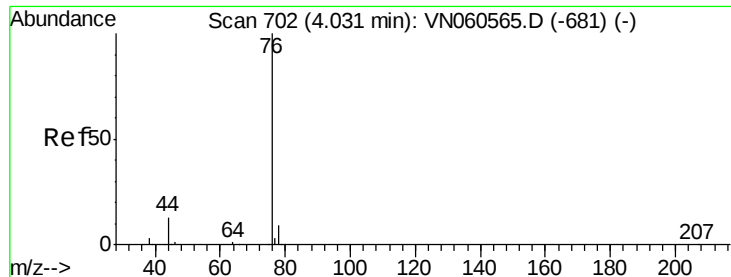
Tgt Ion: 43 Resp: 369392

Ion Ratio Lower Upper

43 100

58 30.8 25.1 37.7

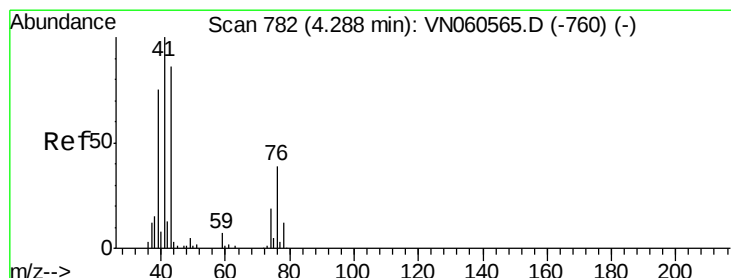
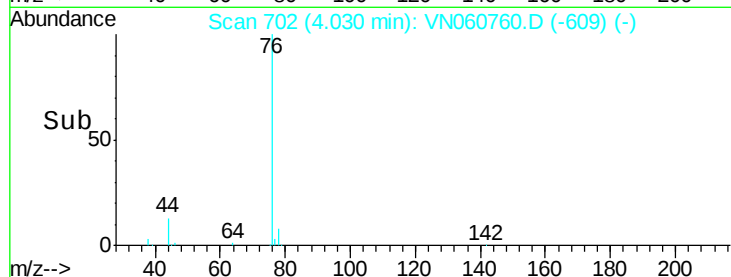
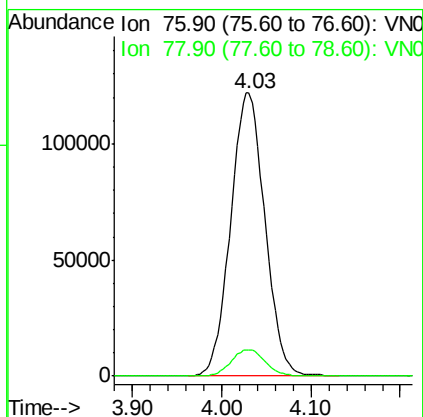
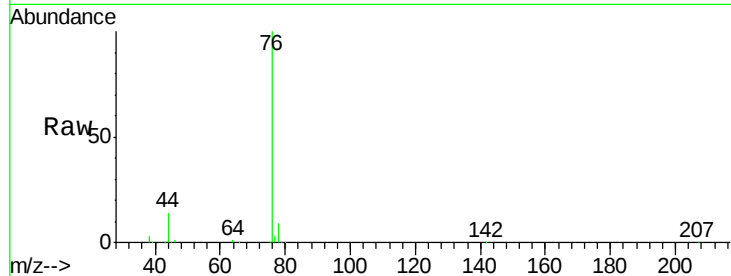




#17
Carbon Disulfide
Concen: 44.951 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

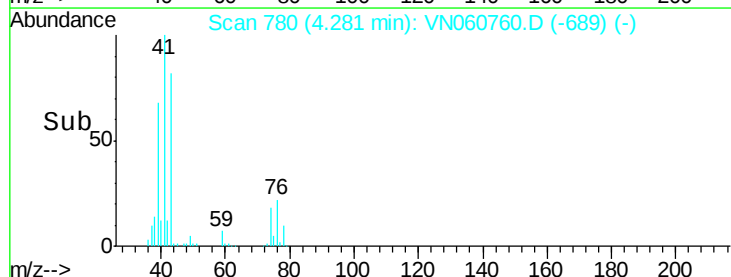
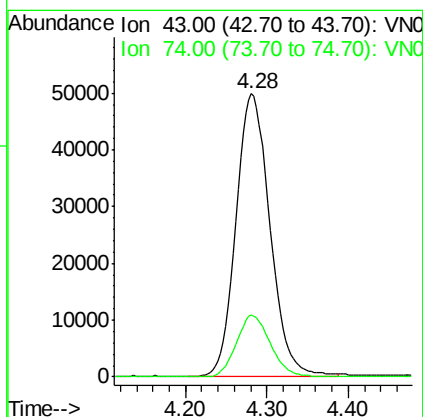
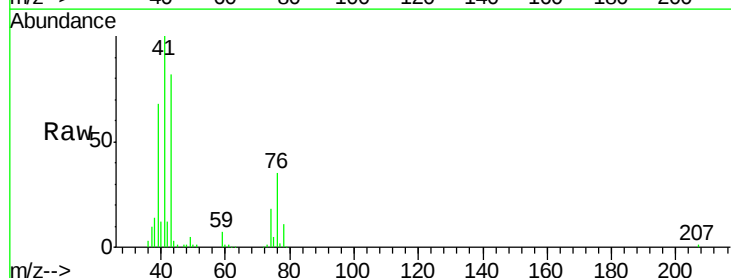
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

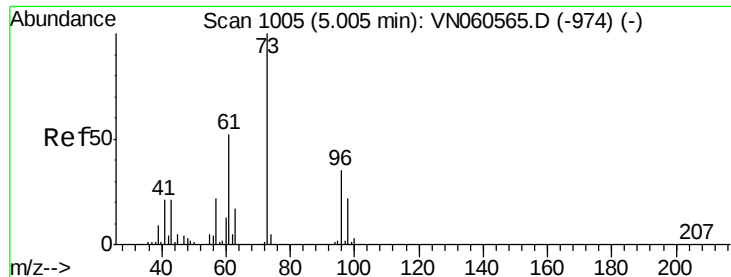
Tot Ion: 76 Resp: 324453
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 48.180 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.01 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion: 43 Resp: 144555
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3

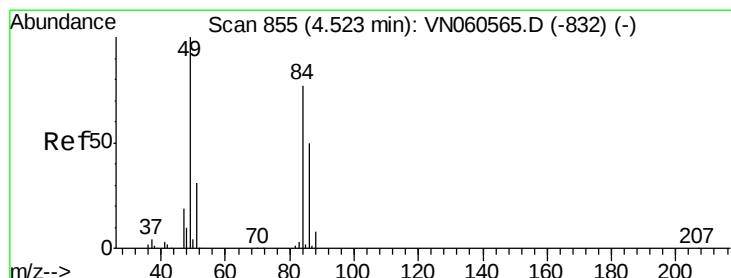
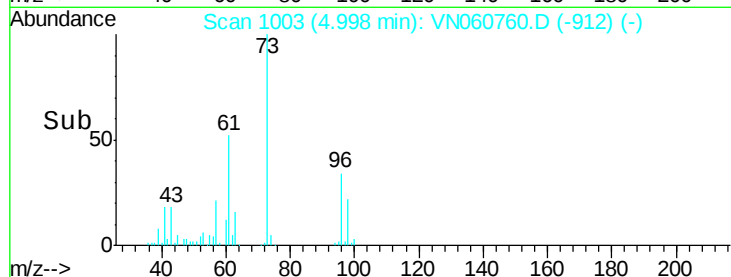
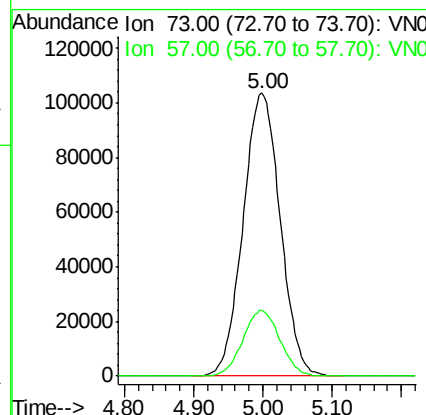
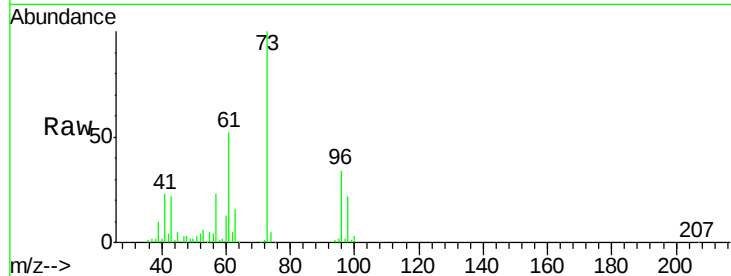




#19
Methvl tert-butvl Ether
Concen: 47.320 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

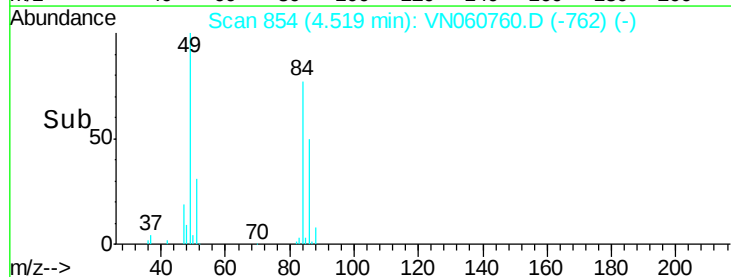
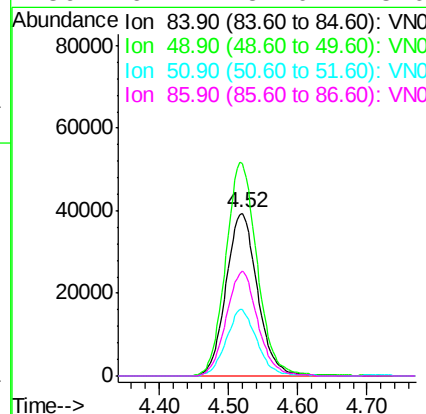
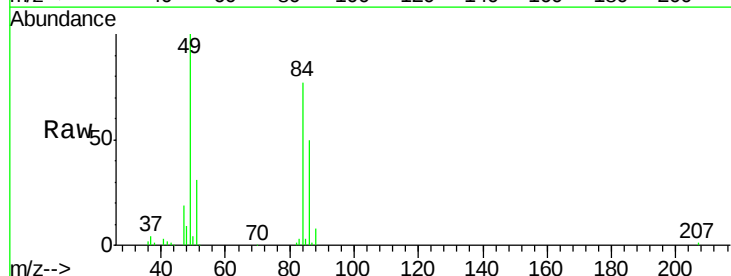
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

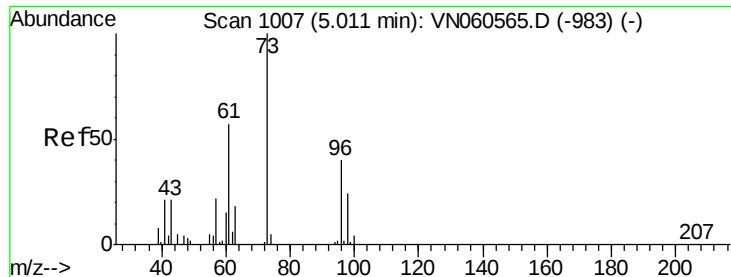
Tot Ion: 73 Resp: 386118
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3



#20
Methylene Chloride
Concen: 47.689 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion: 84 Resp: 125047
Ion Ratio Lower Upper
84 100
49 130.6 103.3 154.9
51 40.9 31.6 47.4
86 64.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.043 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

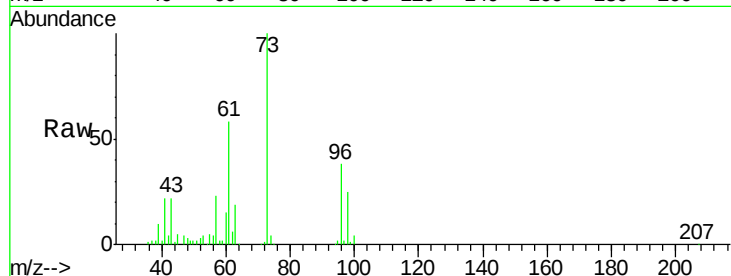
Tot Ion: 96 Resp: 118994

Ion Ratio Lower Upper

96 100

61 150.6 114.4 171.6

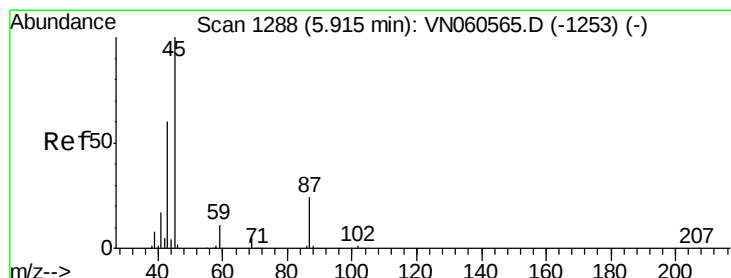
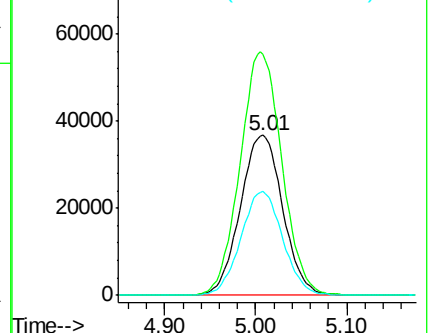
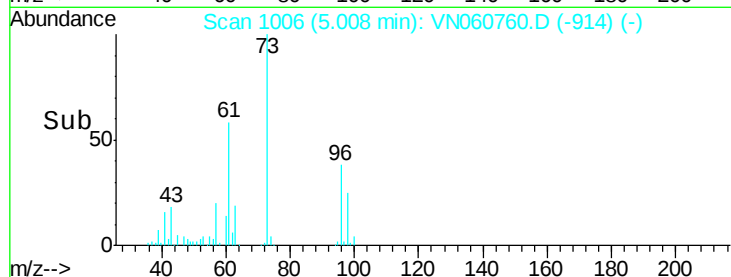
98 64.9 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060760.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN060760.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN060760.D (-914) (-)



#22

Diisopropyl ether

Concen: 50.557 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Tgt Ion: 45 Resp: 445849

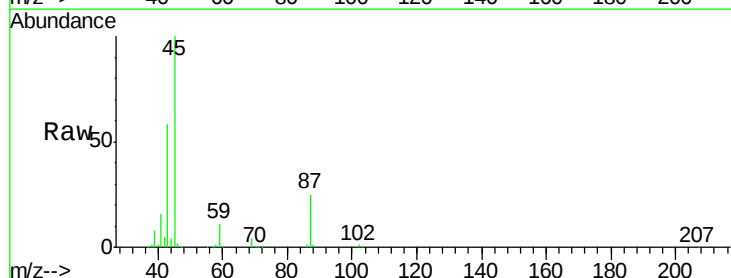
Ion Ratio Lower Upper

45 100

43 57.2 49.8 74.8

87 25.0 20.1 30.1

59 11.3 9.2 13.8

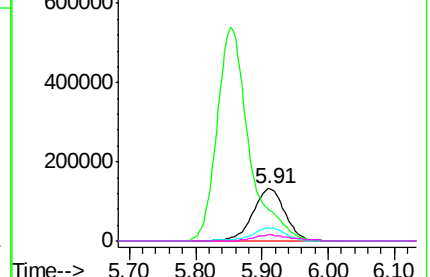
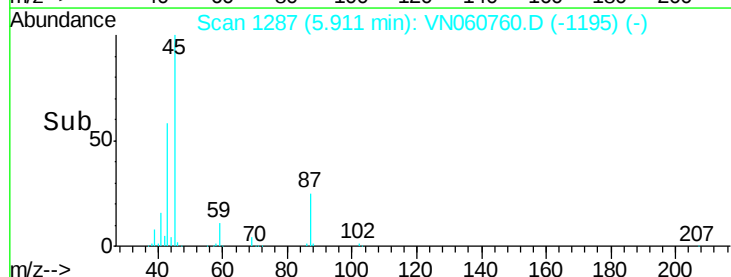


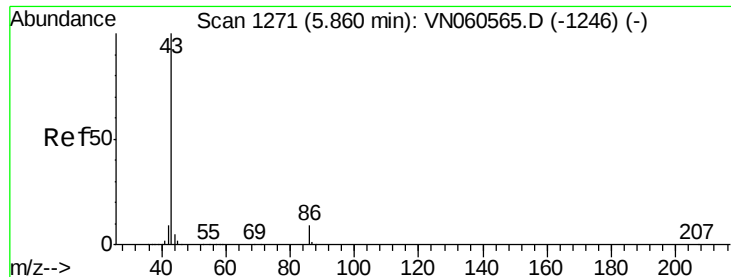
Abundance Ion 45.00 (44.70 to 45.70): VN060760.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VN060760.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060760.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060760.D (-1195) (-)

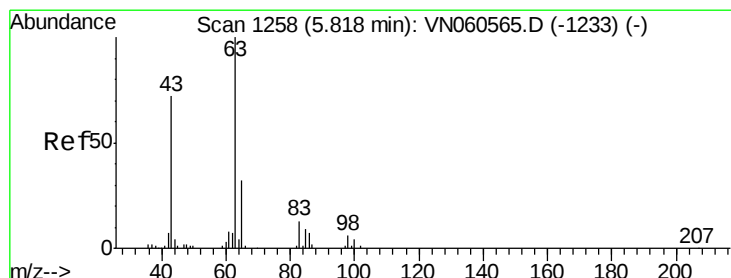
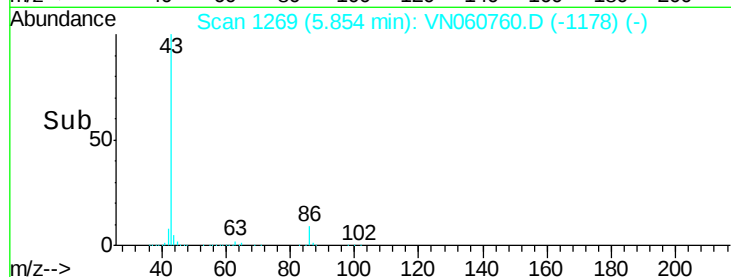
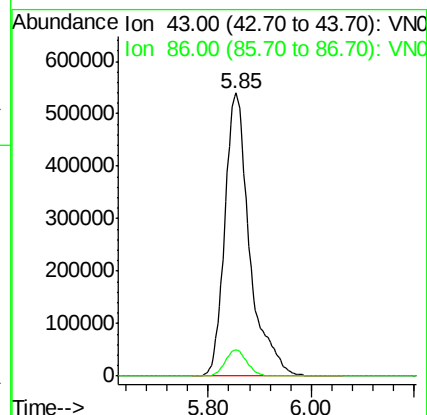
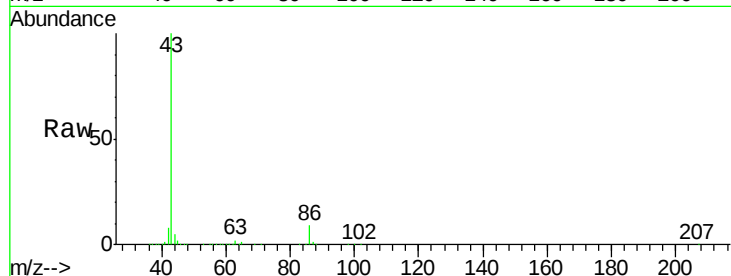




#23
 Vinyl Acetate
 Concen: 251.170 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

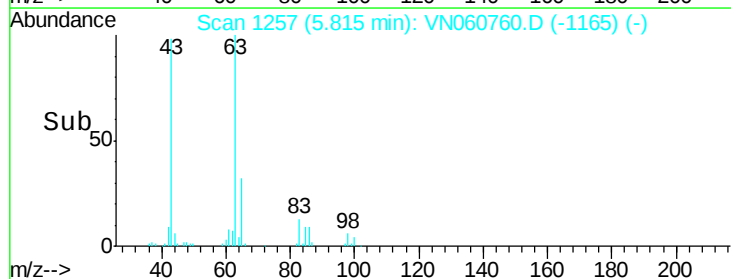
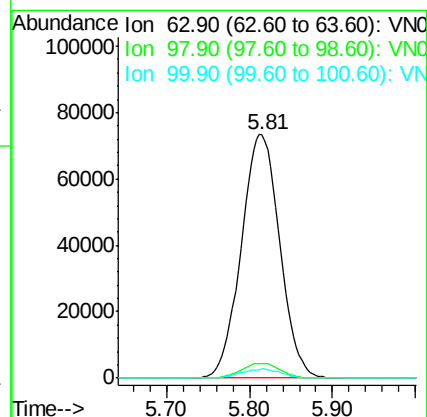
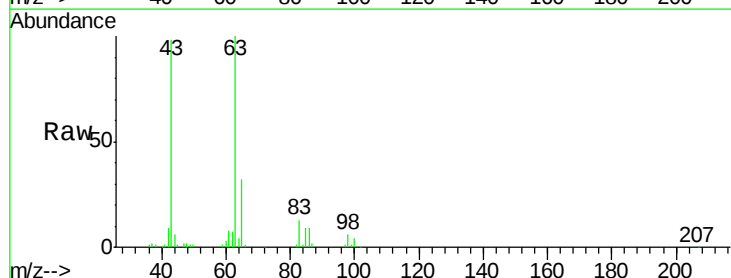
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

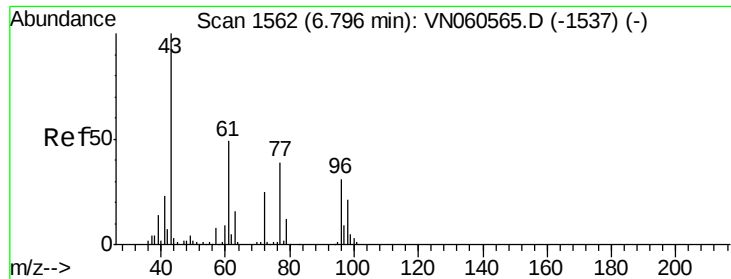
Tot Ion: 43 Resp: 1807261
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 49.218 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion: 63 Resp: 236617
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.7
 100 3.6 1.8 5.5





#25

2-Butanone

Concen: 267.066 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

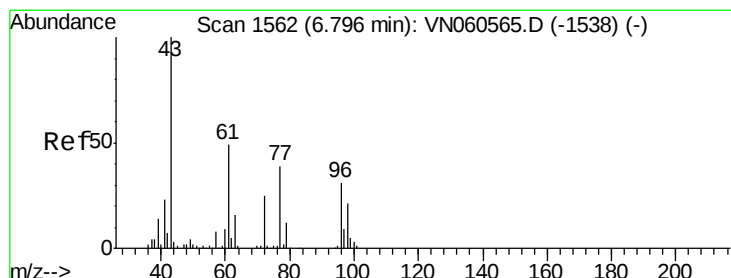
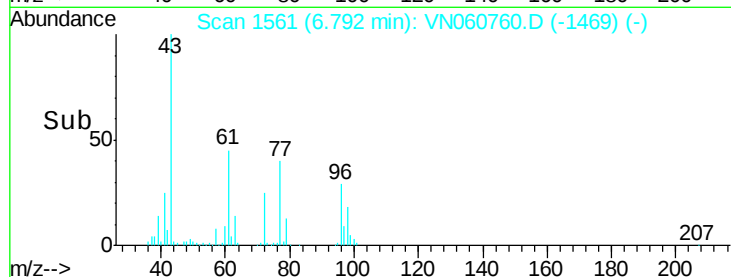
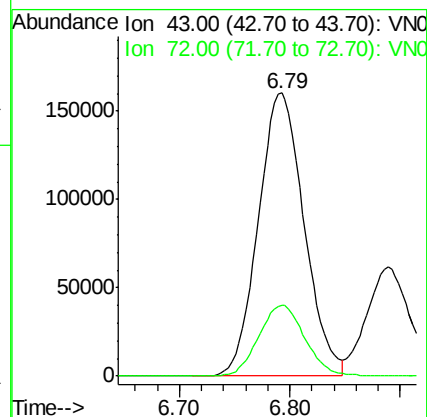
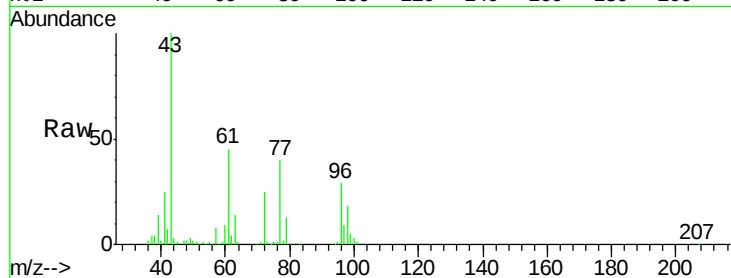
VSTDCCC050

Tot Ion: 43 Resp: 460648

Ion Ratio Lower Upper

43 100

72 25.1 20.4 30.6



#26

2,2-Dichloropropane

Concen: 53.522 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060760.D

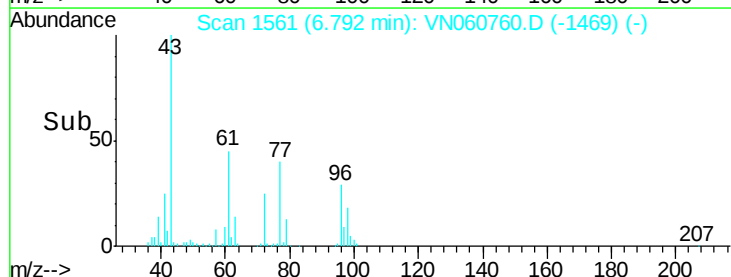
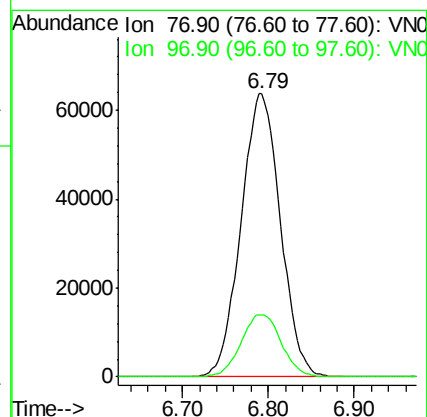
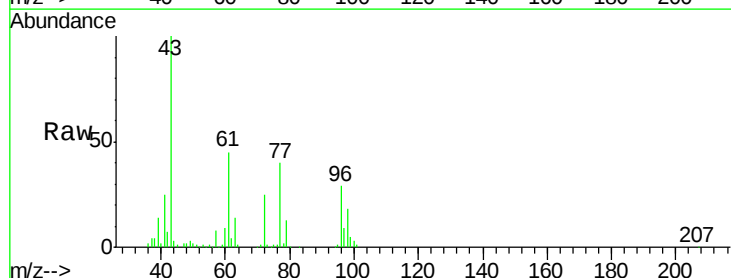
Acq: 30 Mar 2020 10:39

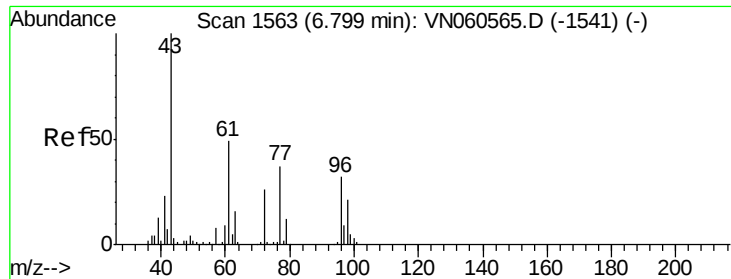
Tgt Ion: 77 Resp: 202449

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1

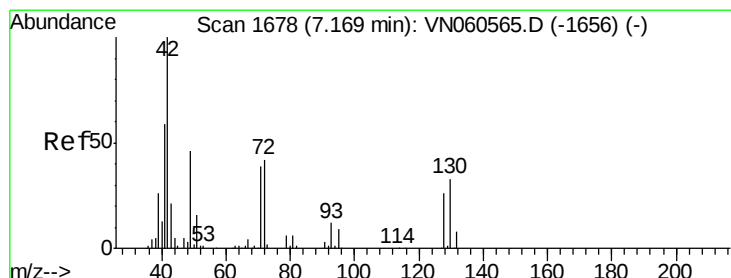
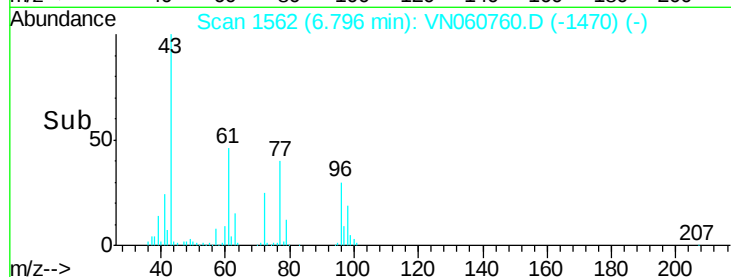
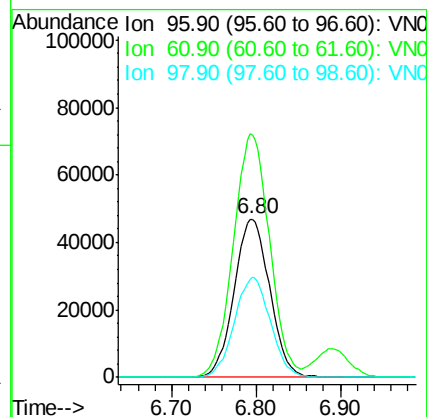
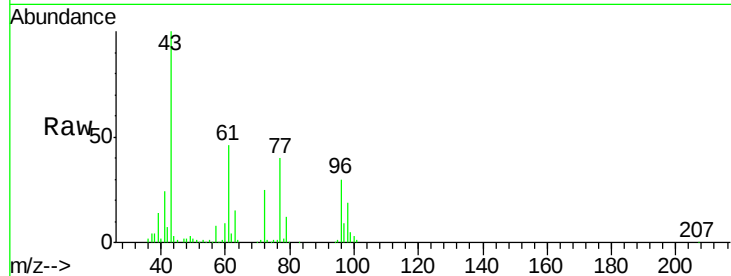




#27
 cis-1,2-Dichloroethene
 Concen: 48.007 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

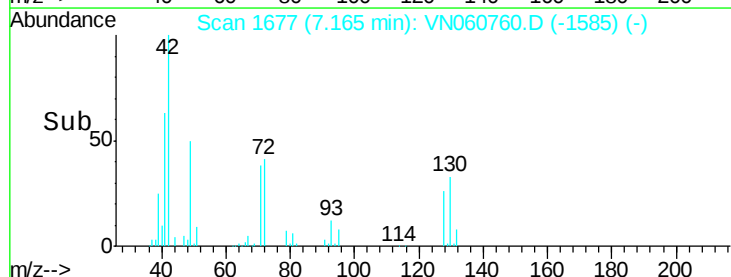
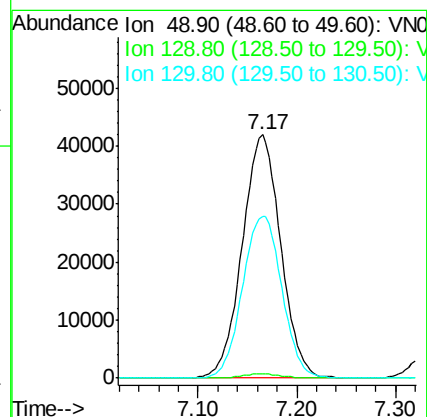
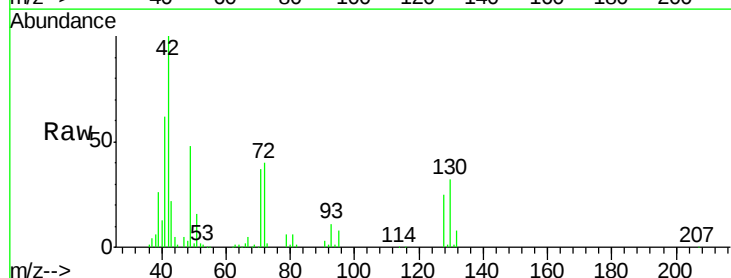
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

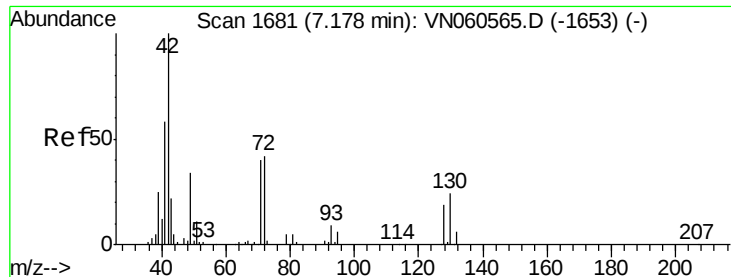
Tot Ion: 96 Resp: 137993
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 305.6
 98 63.8 0.0 127.6



#28
 Bromochloromethane
 Concen: 49.351 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion: 49 Resp: 113513
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 67.8 55.0 82.4





#29

Tetrahydrofuran

Concen: 224.993 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

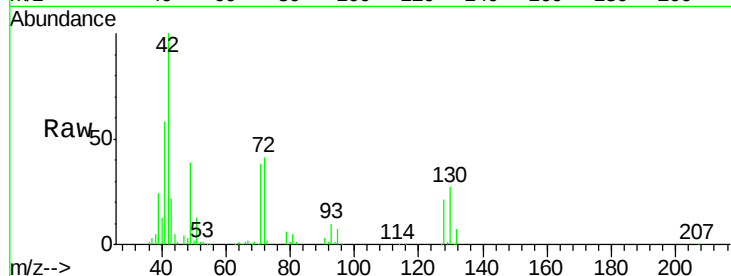
Tot Ion: 42 Resp: 274582

Ion Ratio Lower Upper

42 100

72 40.5 33.2 49.8

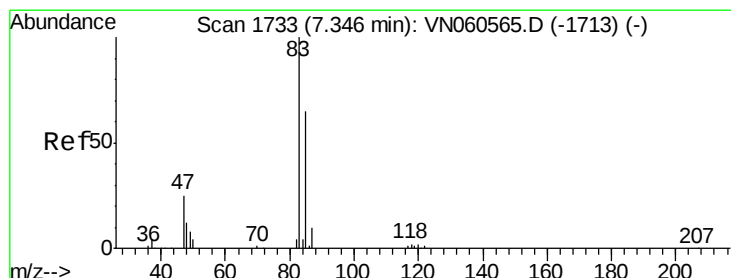
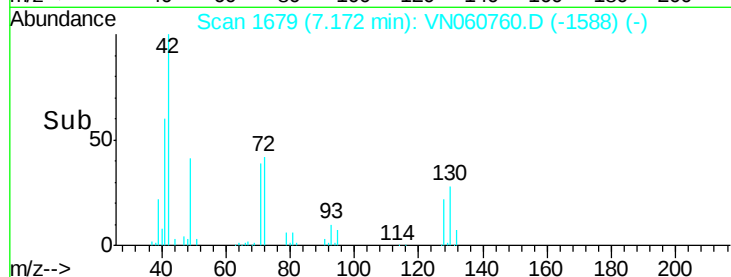
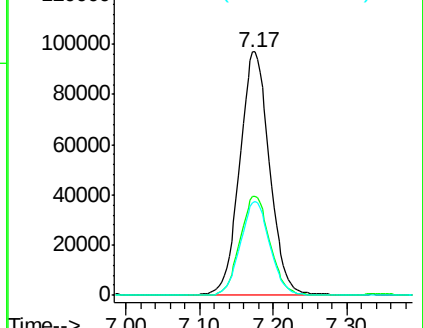
71 37.9 31.1 46.7



Abundance Ion 42.00 (41.70 to 42.70): VN060760.D (-1679) (-)

Ion 72.00 (71.70 to 72.70): VN060760.D (-1679) (-)

Ion 71.00 (70.70 to 71.70): VN060760.D (-1679) (-)



#30

Chloroform

Concen: 48.452 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060760.D

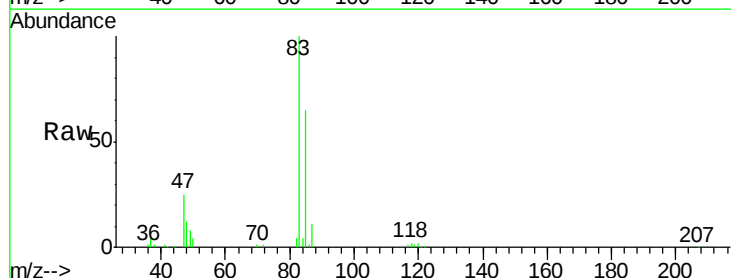
Acq: 30 Mar 2020 10:39

Tgt Ion: 83 Resp: 223307

Ion Ratio Lower Upper

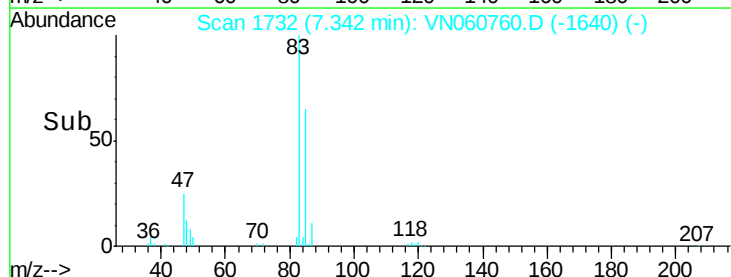
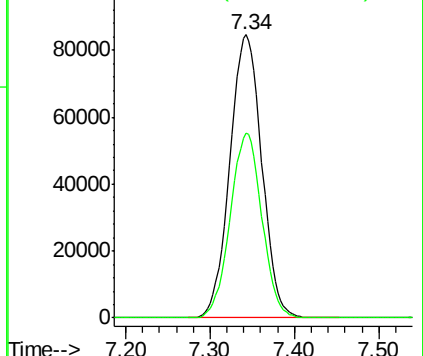
83 100

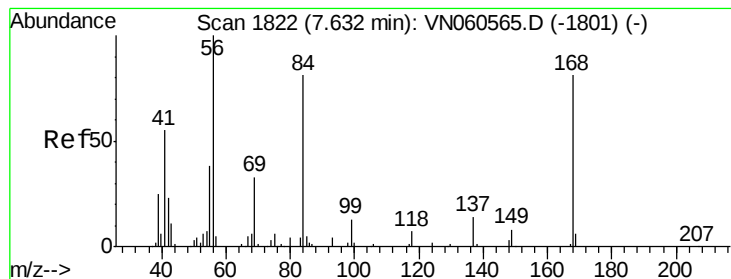
85 65.4 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN060760.D (-1732) (-)

Ion 84.90 (84.60 to 85.60): VN060760.D (-1732) (-)





#31

Cyclohexane

Concen: 45.902 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

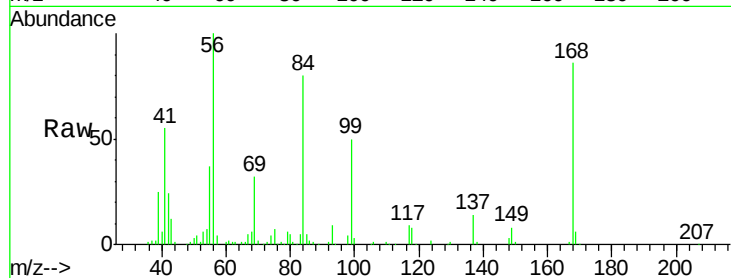
Tot Ion: 56 Resp: 222472

Ion Ratio Lower Upper

56 100

69 32.3 26.6 40.0

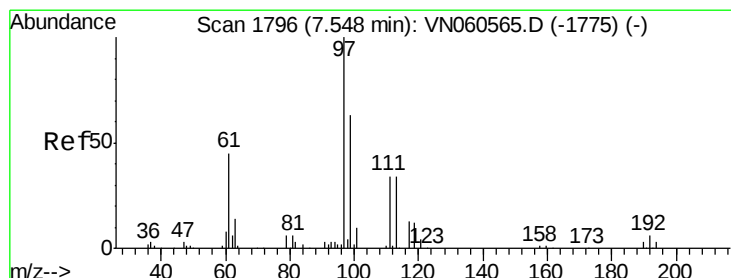
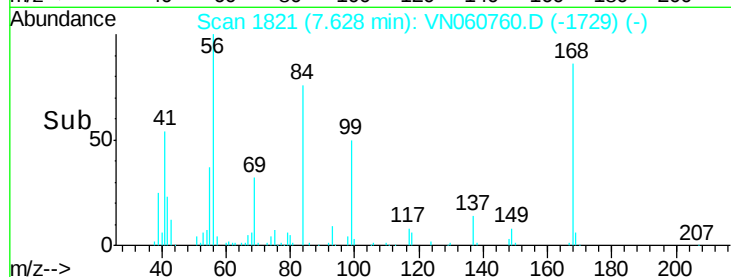
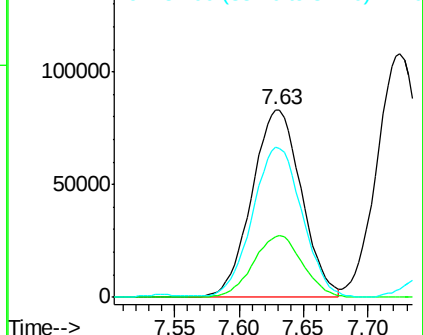
84 78.8 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060760.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060760.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060760.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 48.191 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

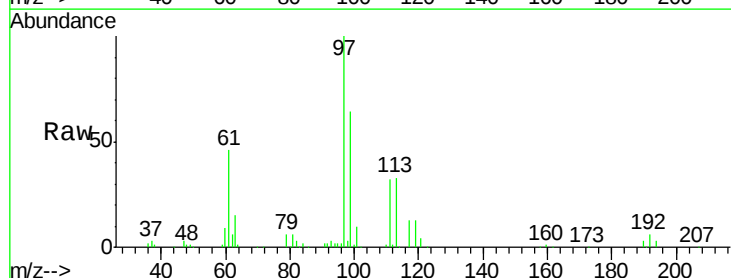
Tgt Ion: 97 Resp: 191468

Ion Ratio Lower Upper

97 100

99 64.2 50.6 75.8

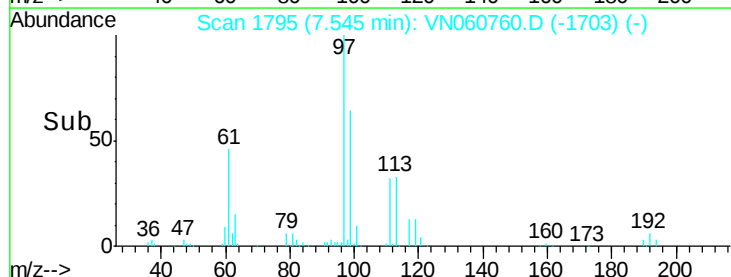
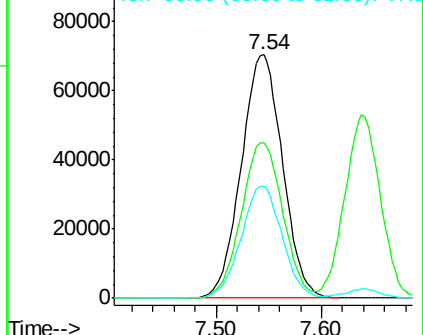
61 45.8 36.2 54.4

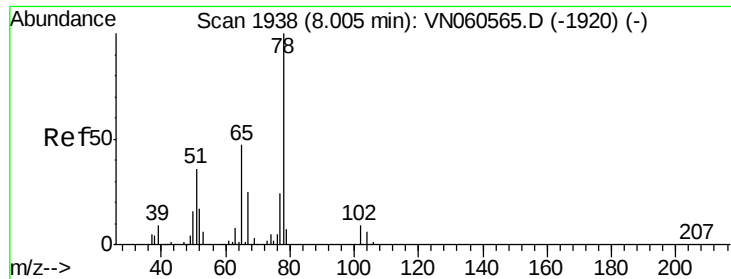


Abundance Ion 96.90 (96.60 to 97.60): VN060760.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060760.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060760.D (-1703) (-)





#33

1,2-Dichloroethane-d4

Concen: 43.279 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

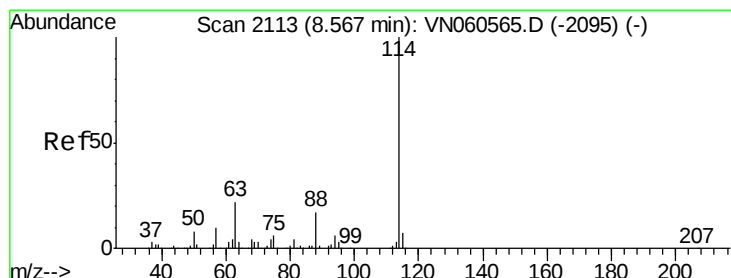
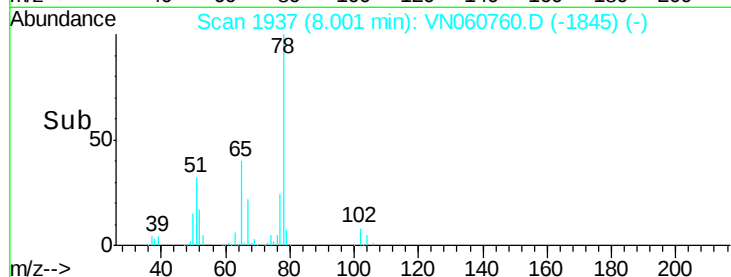
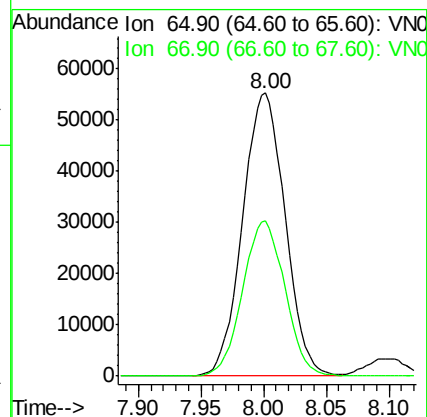
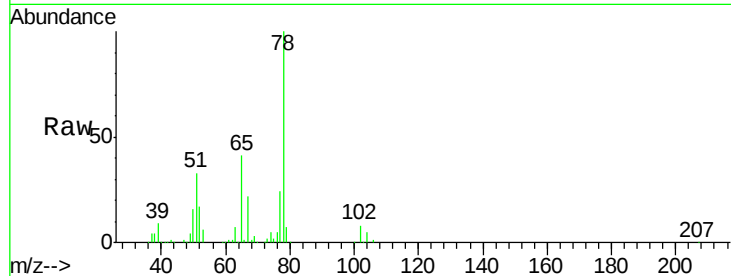
VSTDCCC050

Tot Ion: 65 Resp: 130237

Ion Ratio Lower Upper

65 100

67 54.6 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: VN060760.D

Acq: 30 Mar 2020 10:39

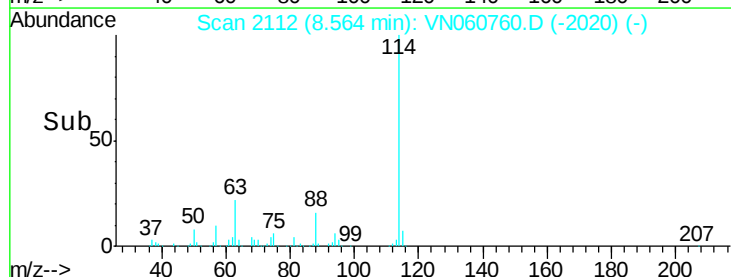
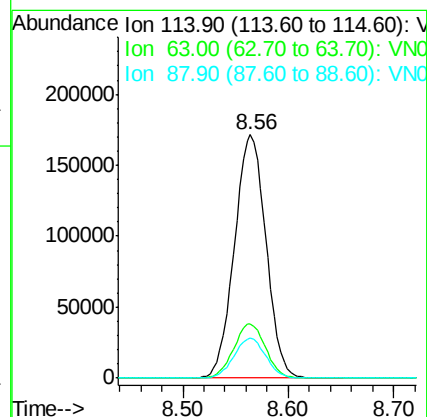
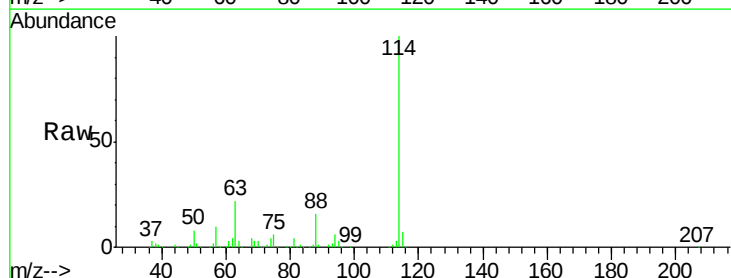
Tgt Ion: 114 Resp: 355572

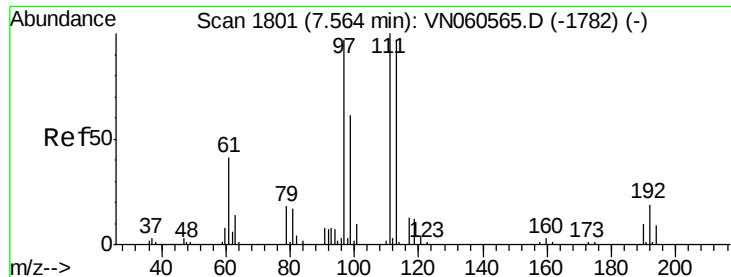
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

88 16.2 0.0 33.0

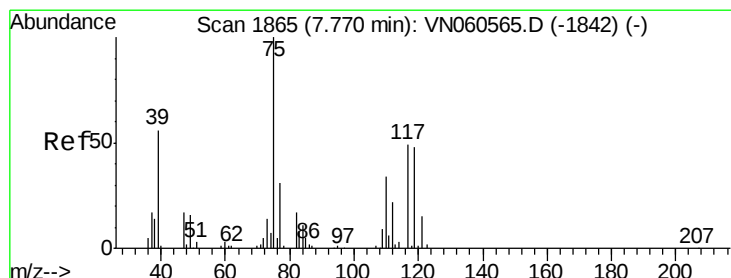
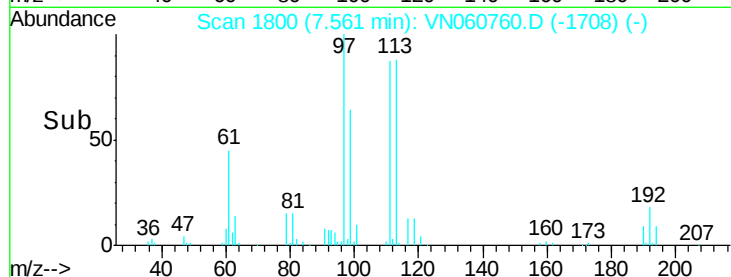
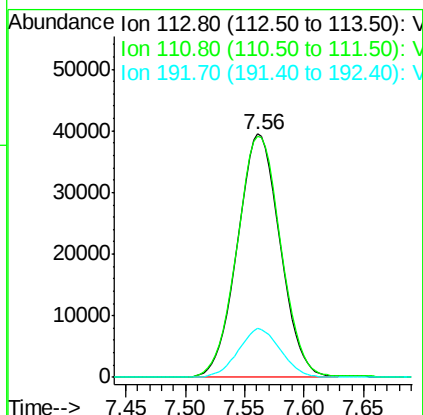
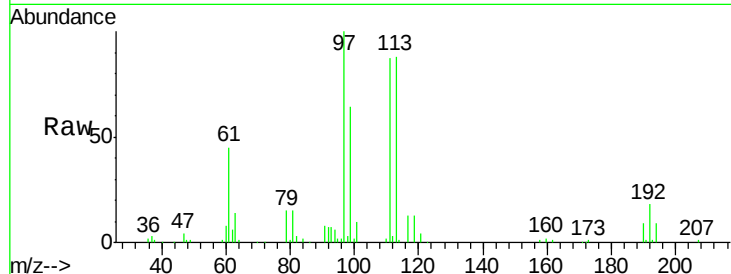




#35
 Dibromofluoromethane
 Concen: 45.597 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

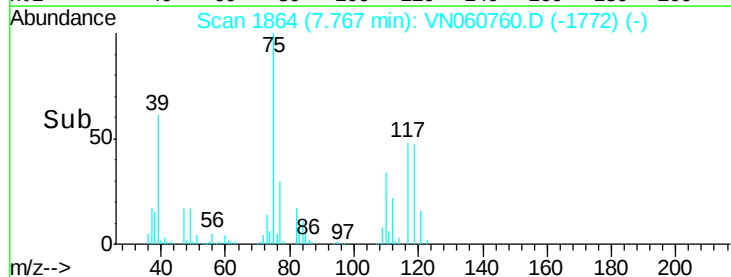
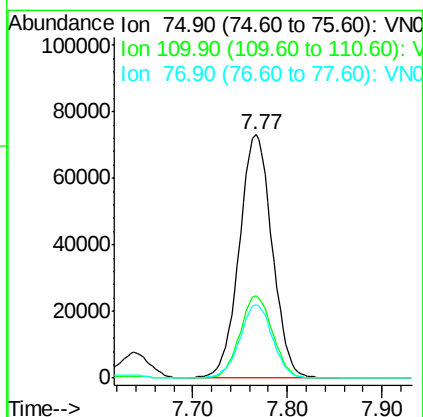
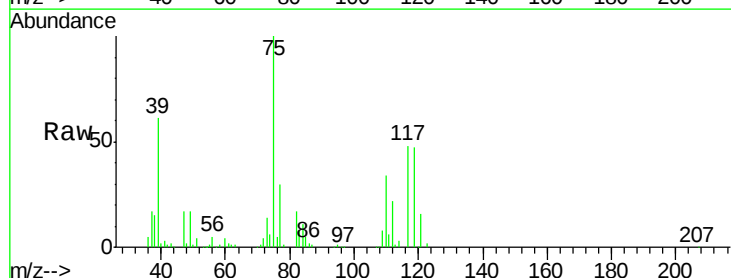
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

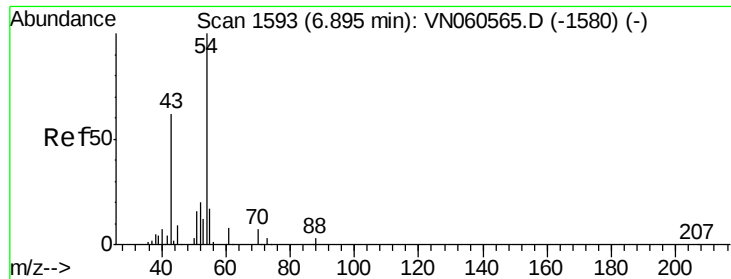
Tot Ion:113 Resp: 98036
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.9 124.3
 192 19.7 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 51.349 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion: 75 Resp: 176797
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.9 50.6
 77 30.0 24.6 36.8

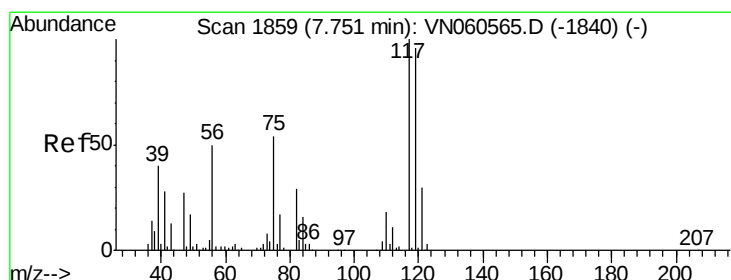
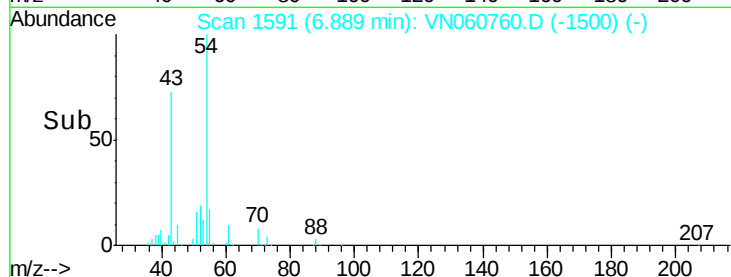
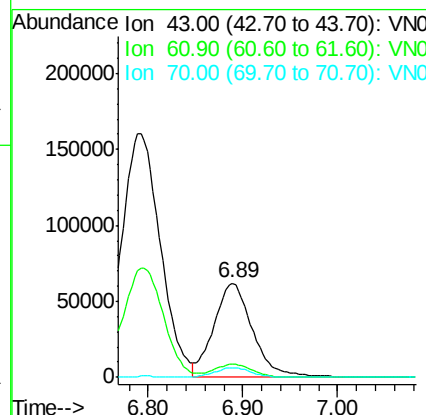
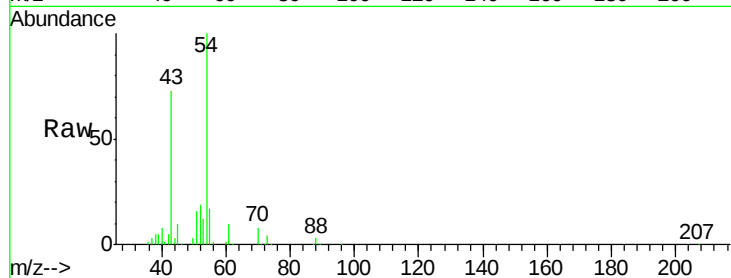




#37
Ethyl Acetate
Concen: 46.727 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

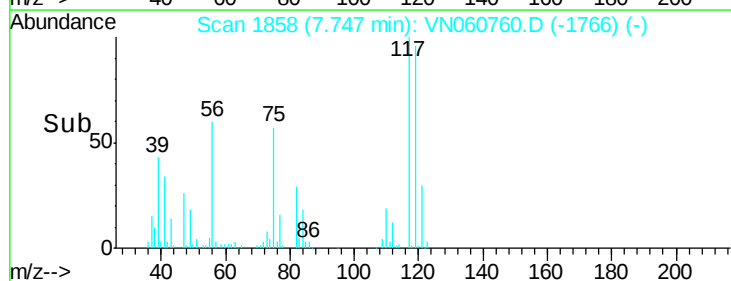
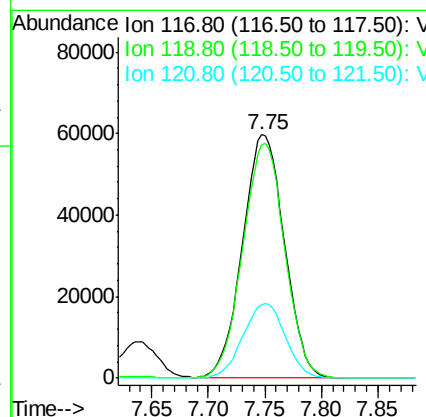
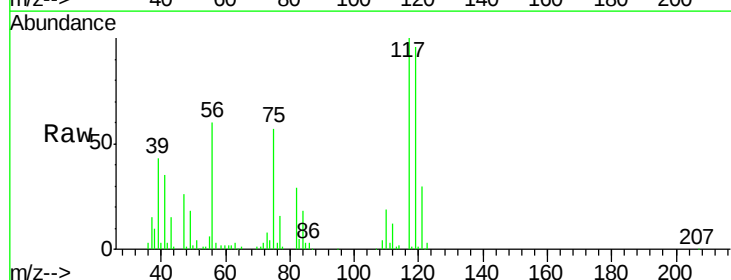
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

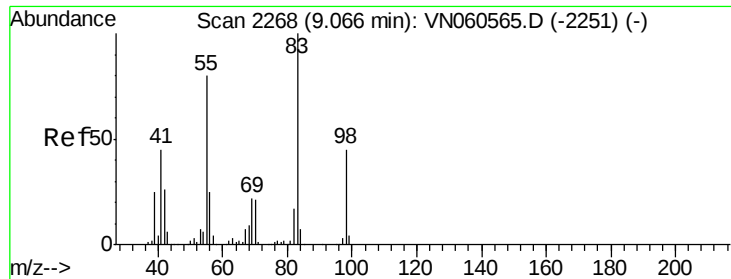
Tot Ion: 43 Resp: 173839
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.962 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion: 117 Resp: 154175
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2
121 30.1 23.7 35.5

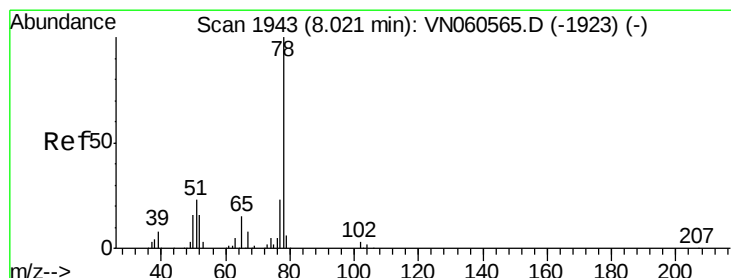
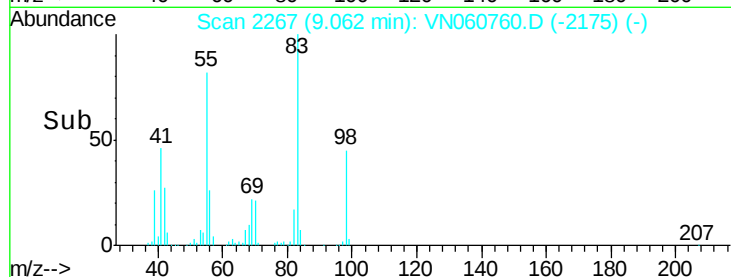
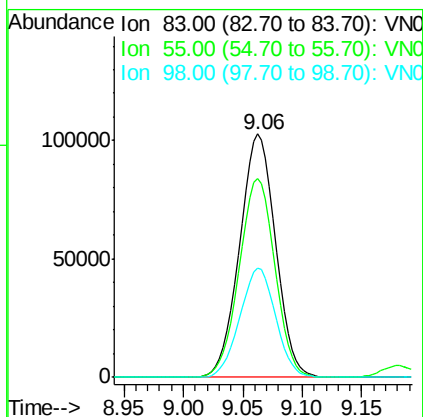
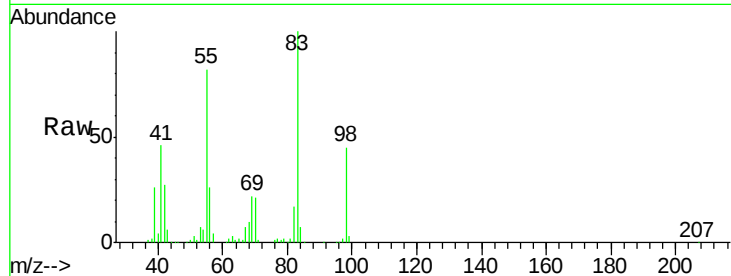




#39
Methvlcvclohexane
Concen: 52.642 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

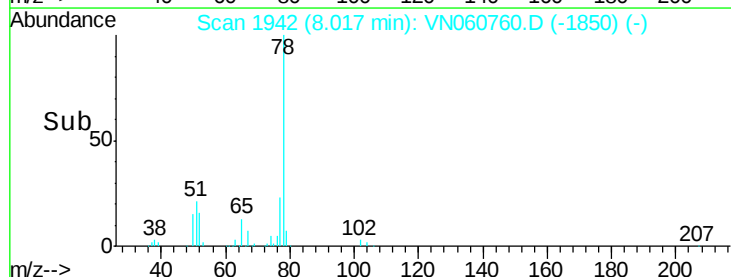
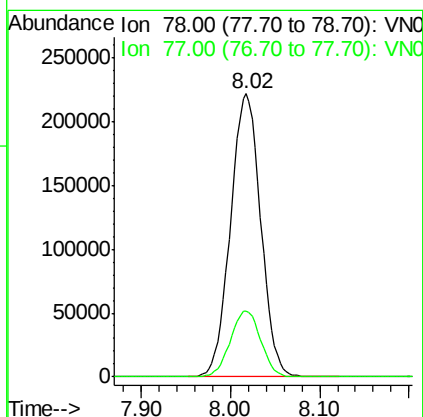
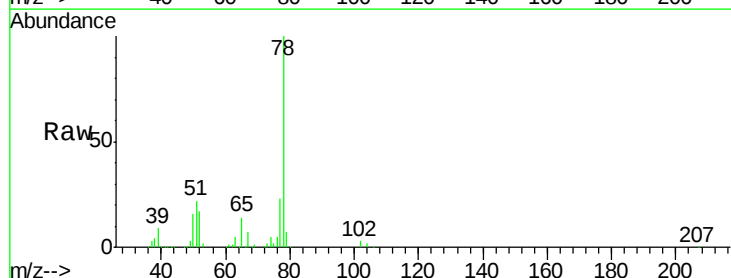
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

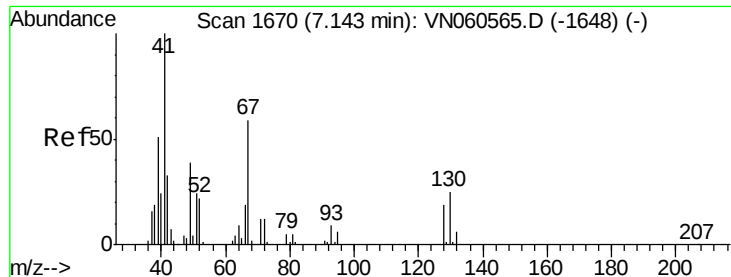
Tot Ion: 83 Resp: 215390
Ion Ratio Lower Upper
83 100
55 81.9 63.6 95.4
98 45.0 36.0 54.0



#40
Benzene
Concen: 50.099 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion: 78 Resp: 520709
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

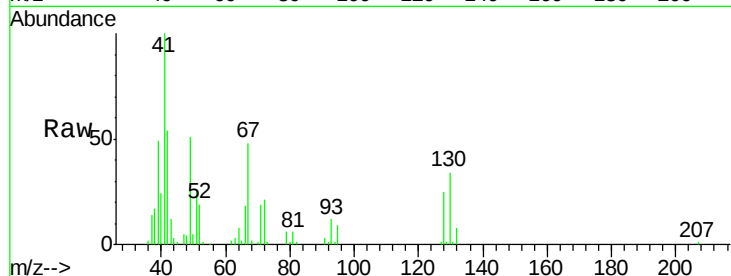




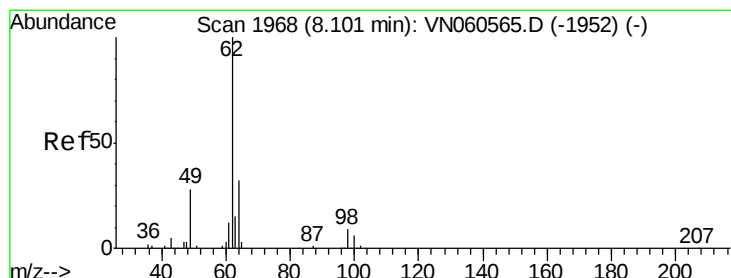
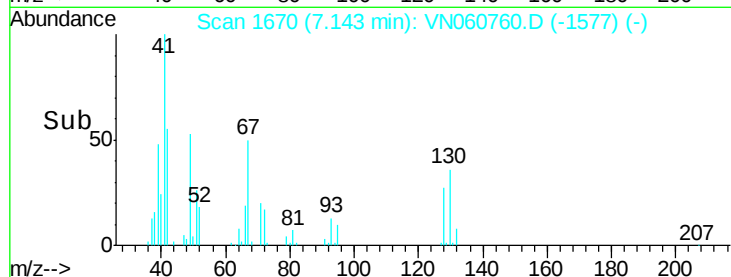
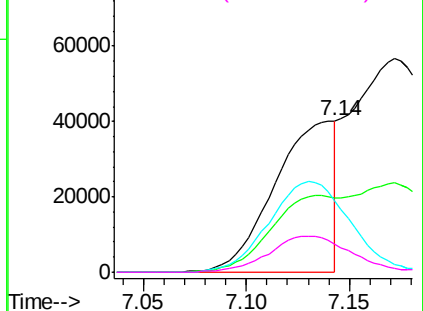
#41
Methacrylonitrile
Concen: 51.855 ug/l m
RT: 7.14 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	82330
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

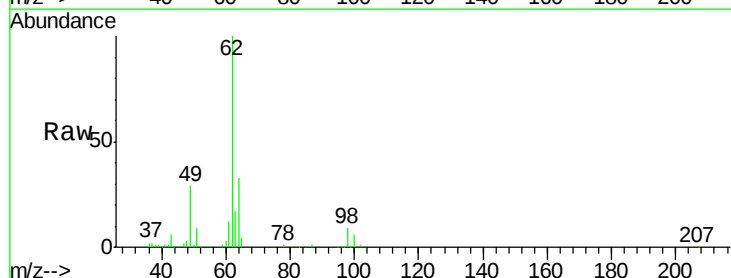


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

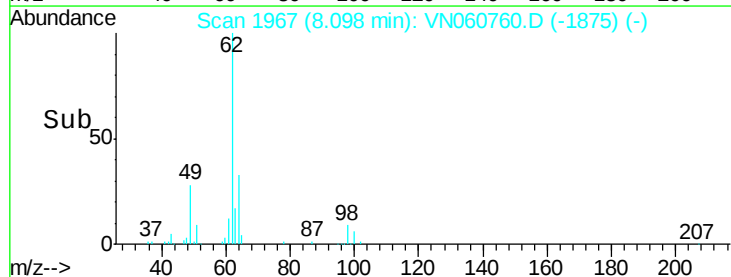
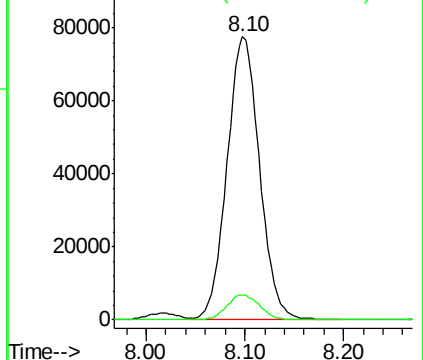


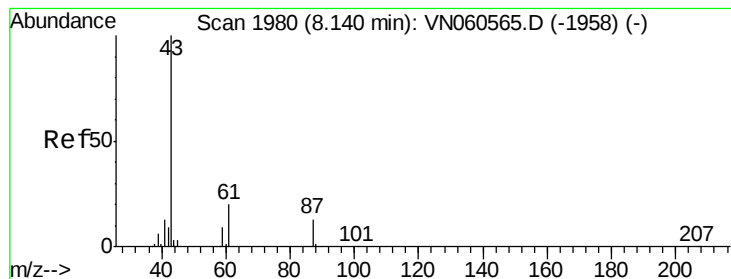
#42
1,2-Dichloroethane
Concen: 50.321 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion:	62	Resp:	178742
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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



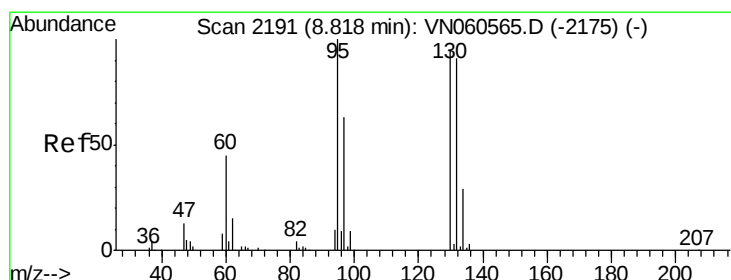
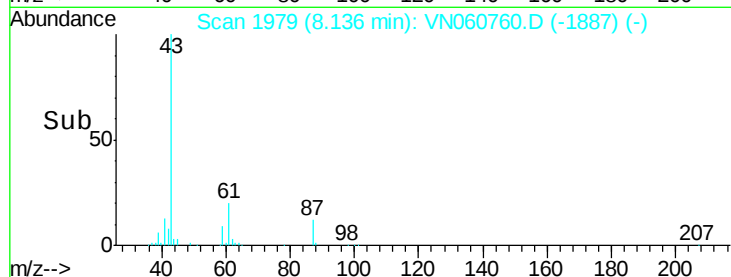
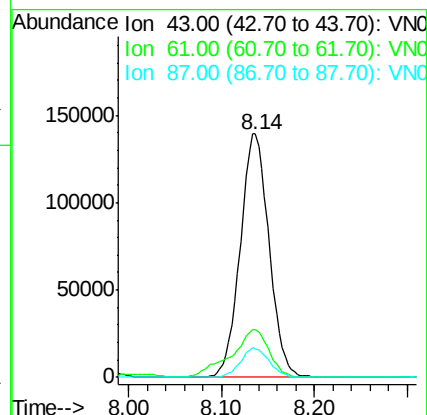
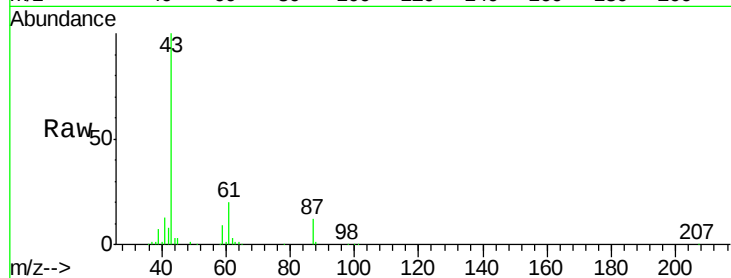


#43

Isopropyl Acetate
 Concen: 48.894 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

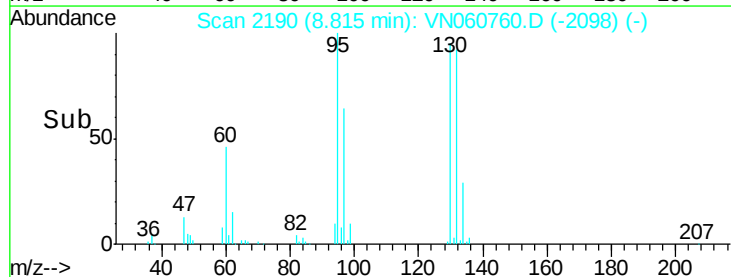
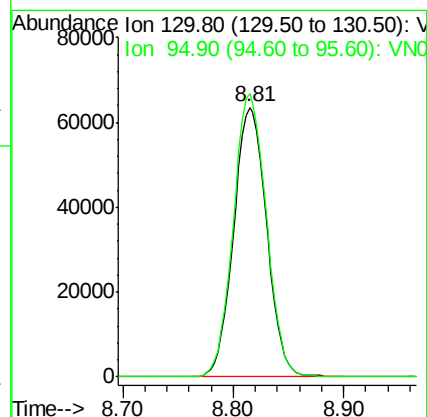
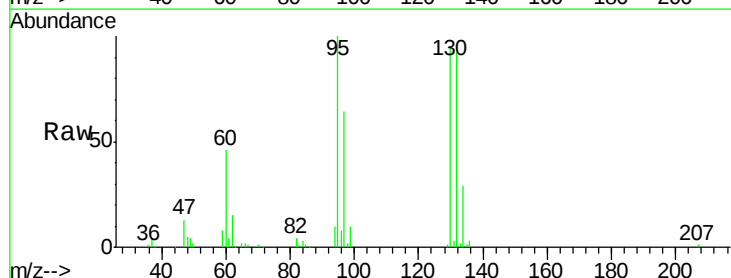
Tot Ion: 43 Resp: 299988
 Ion Ratio Lower Upper
 43 100
 61 25.8 20.7 31.1
 87 12.0 9.8 14.8

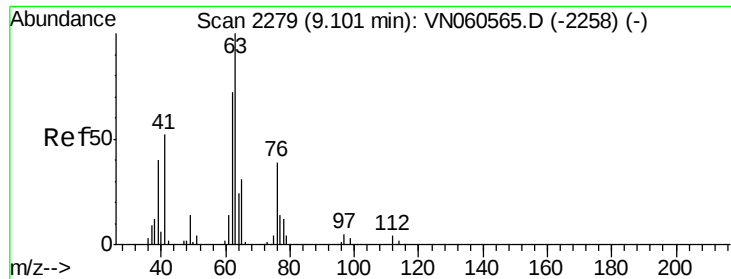


#44

Trichloroethene
 Concen: 50.433 ug/l
 RT: 8.81 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion: 130 Resp: 132140
 Ion Ratio Lower Upper
 130 100
 95 105.0 0.0 211.2

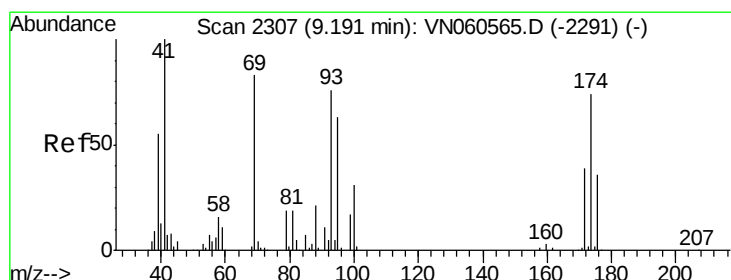
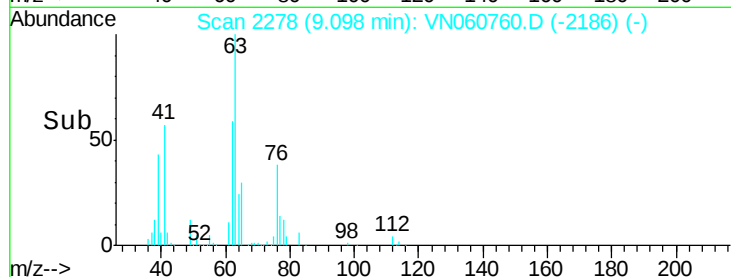
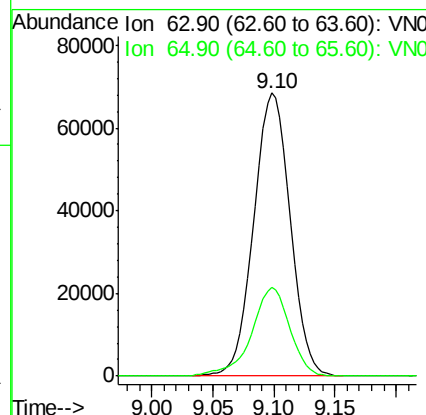
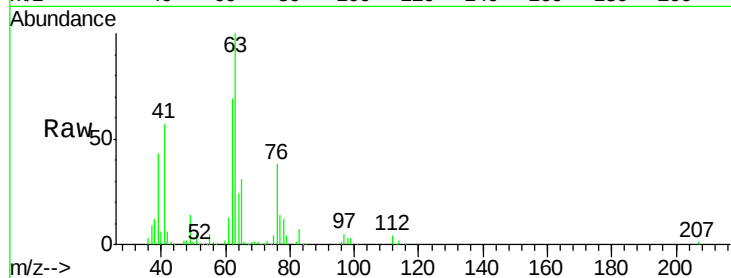




#45
 1,2-Dichloropropane
 Concen: 51.617 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

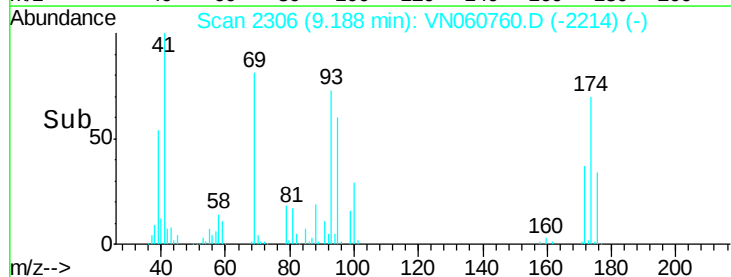
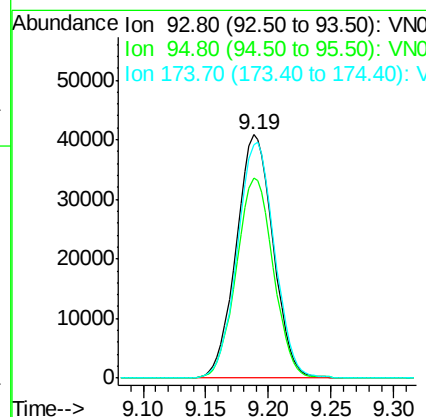
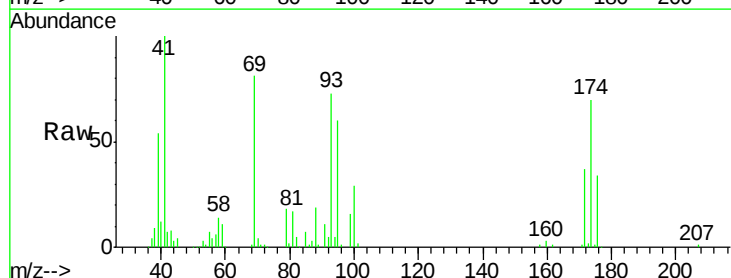
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

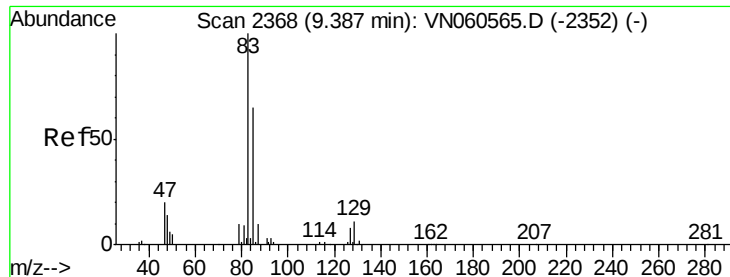
Tot Ion: 63 Resp: 141564
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.4 38.0



#46
 Dibromomethane
 Concen: 50.314 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion: 93 Resp: 83422
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.4
 174 97.5 77.9 116.9

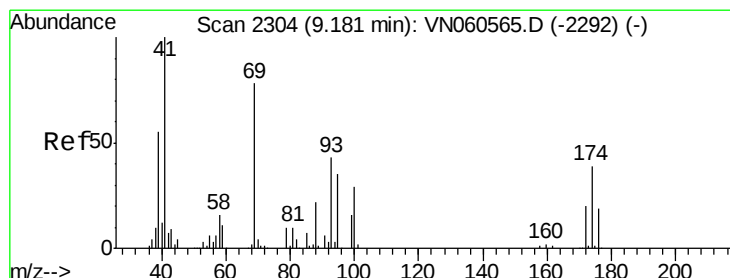
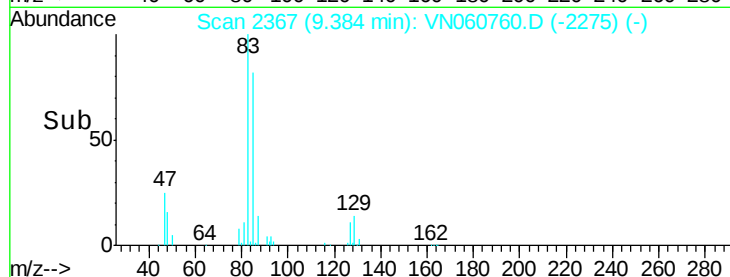
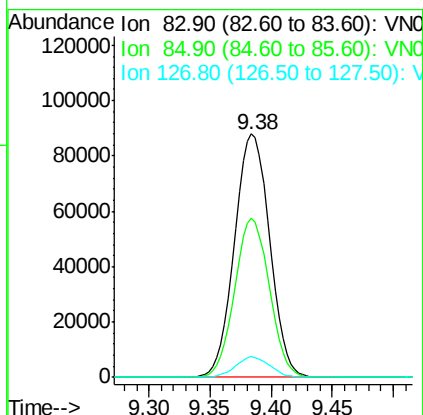
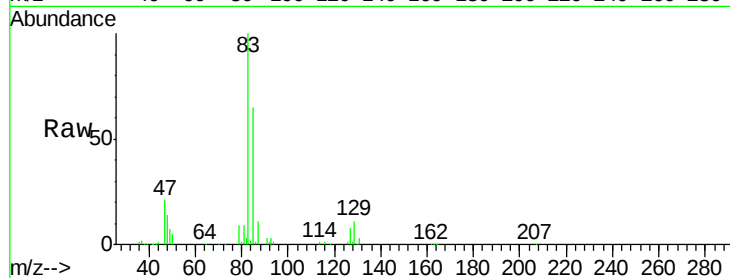




#47
Bromodichloromethane
Concen: 50.975 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

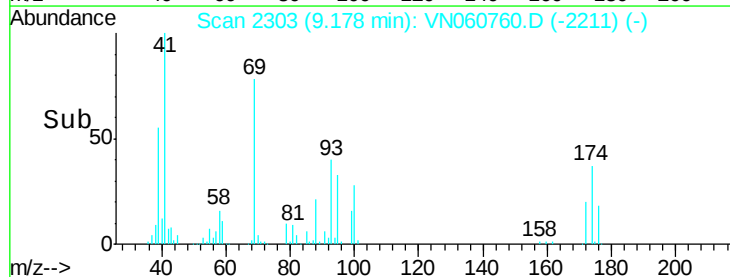
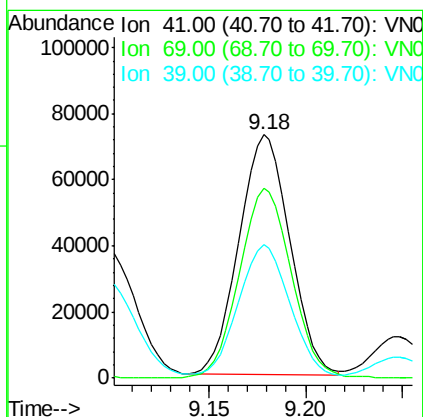
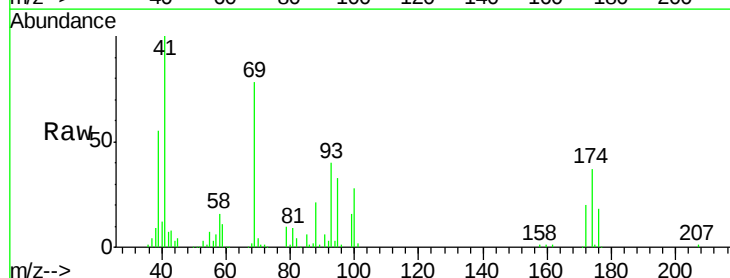
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

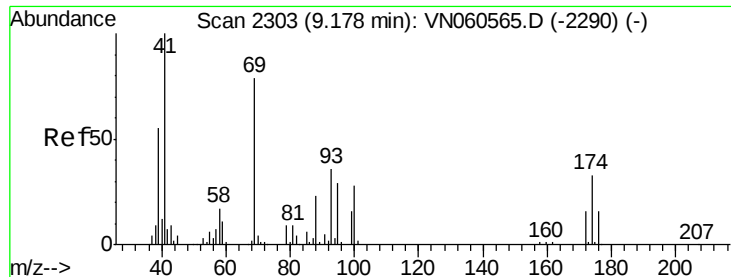
Tot Ion: 83 Resp: 175630
Ion Ratio Lower Upper
83 100
85 65.4 51.8 77.6
127 8.5 6.5 9.7



#48
Methyl methacrylate
Concen: 48.872 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion: 41 Resp: 133503
Ion Ratio Lower Upper
41 100
69 80.8 65.4 98.0
39 54.2 44.0 66.0

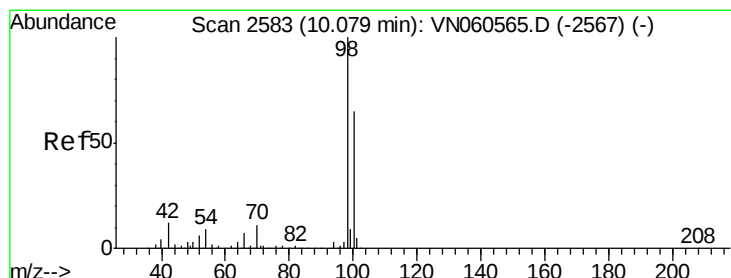
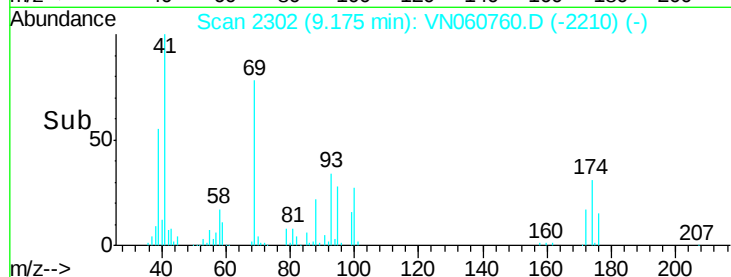
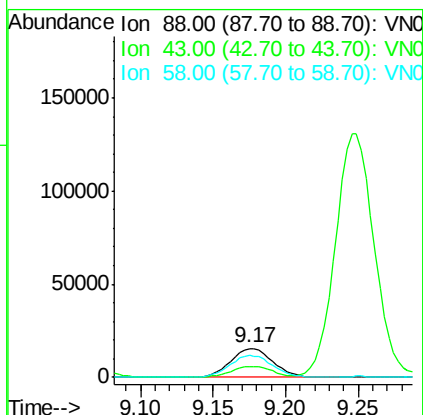
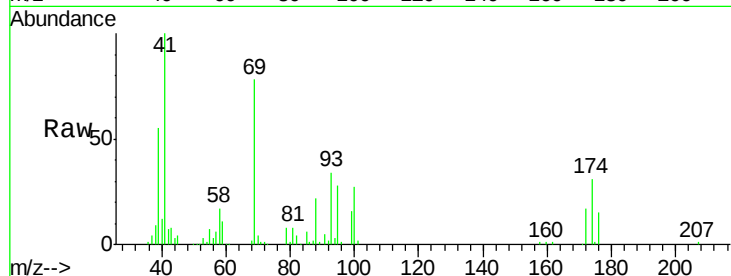




#49
1,4-Dioxane
Concen: 965.807 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

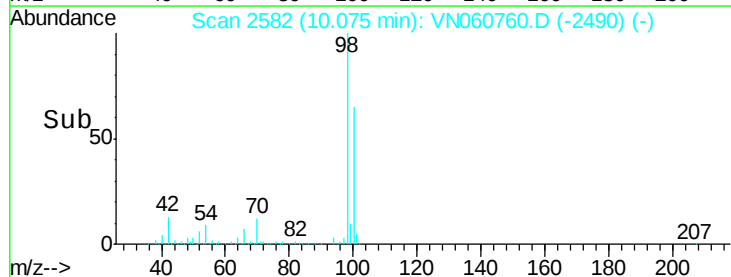
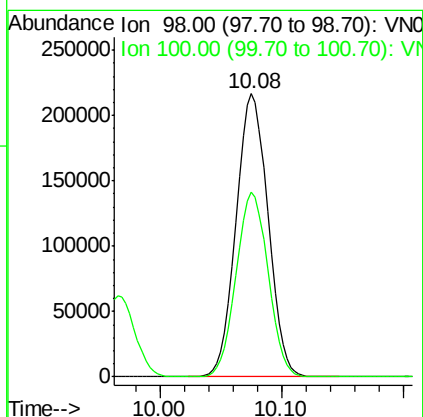
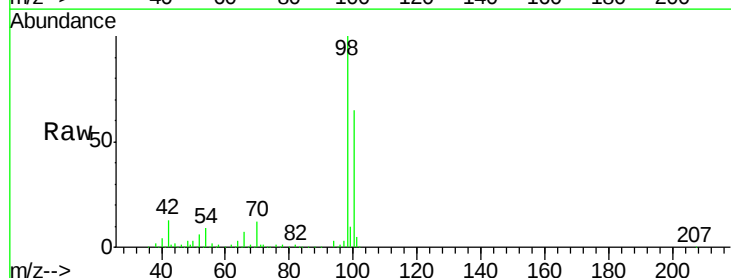
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

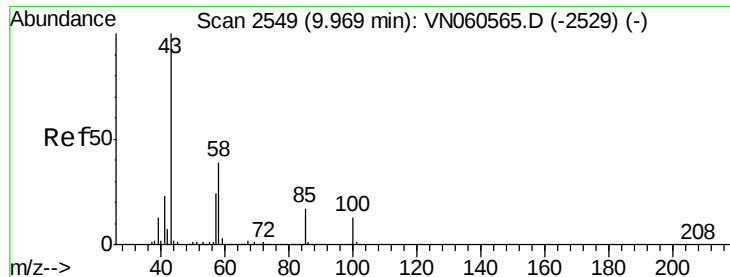
Tot Ion: 88 Resp: 31359
Ion Ratio Lower Upper
88 100
43 38.0 30.8 46.2
58 76.8 59.8 89.8



#50
Toluene-d8
Concen: 44.719 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion: 98 Resp: 392722
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 245.328 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

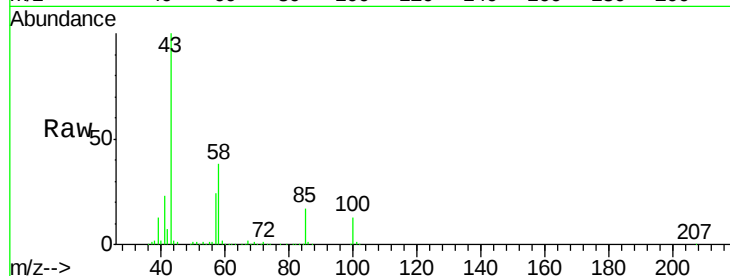
VSTDCCC050

Tot Ion: 43 Resp: 856525

Ion Ratio Lower Upper

43 100

58 38.2 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060760.D (-2548) (-)

Ion 58.00 (57.70 to 58.70): VN060760.D (-2548) (-)

9.97

500000

400000

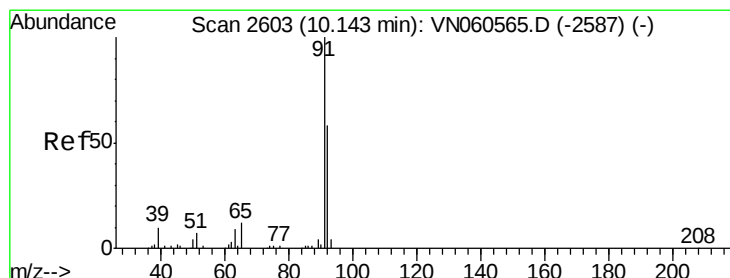
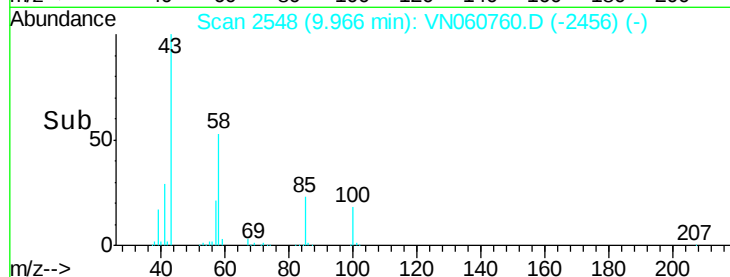
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.711 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060760.D

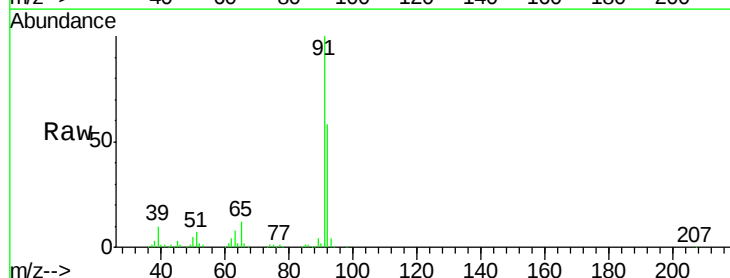
Acq: 30 Mar 2020 10:39

Tgt Ion: 92 Resp: 318319

Ion Ratio Lower Upper

92 100

91 171.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060760.D (-2602) (-)

Ion 91.00 (90.70 to 91.70): VN060760.D (-2602) (-)

10.14

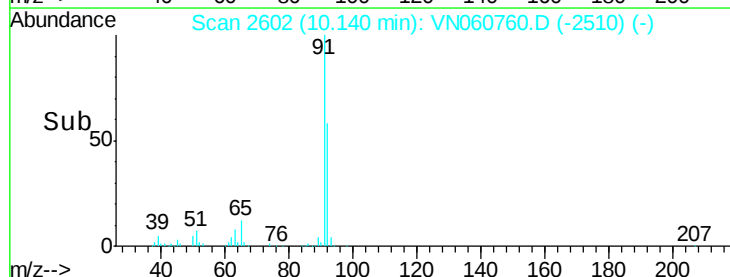
300000

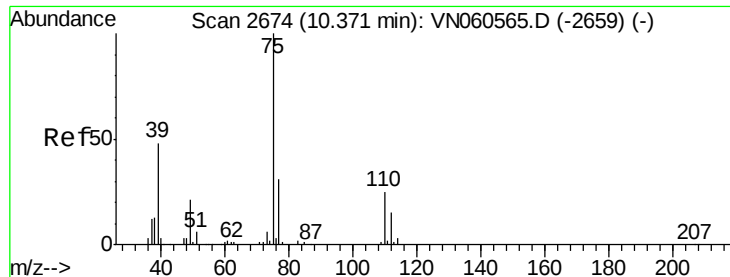
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.911 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampled :

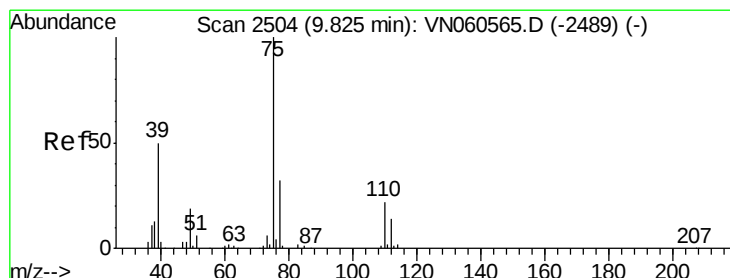
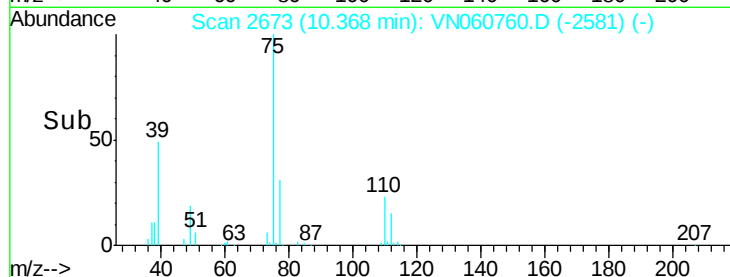
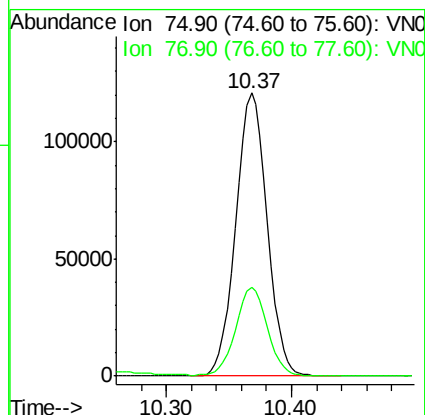
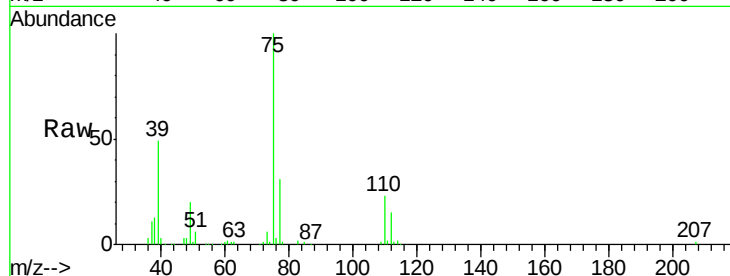
VSTDCCC050

Tot Ion: 75 Resp: 209404

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 51.629 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

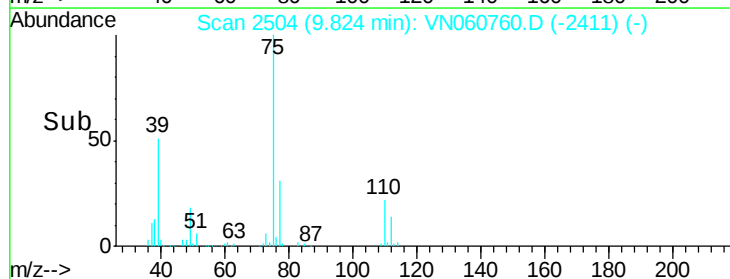
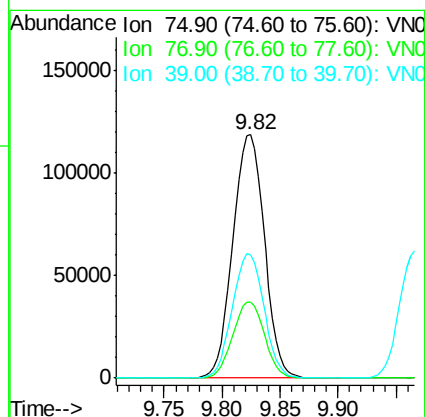
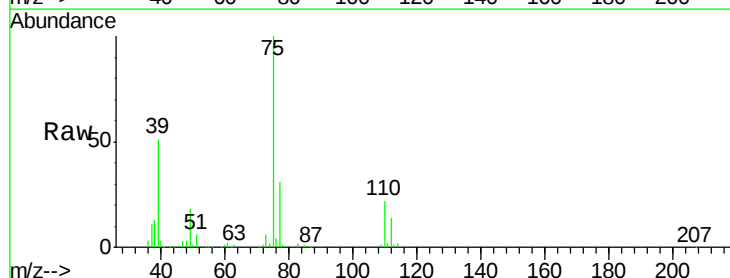
Tgt Ion: 75 Resp: 224161

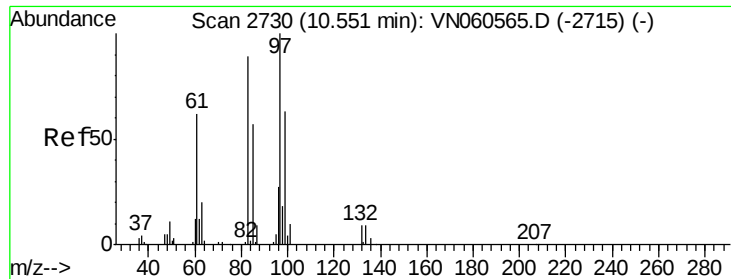
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 50.7 40.2 60.4

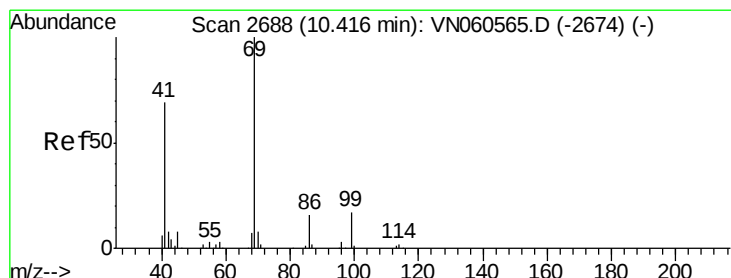
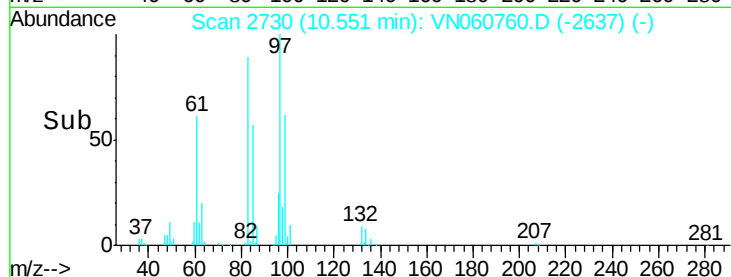
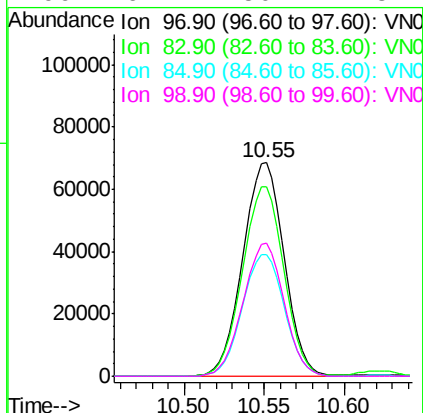
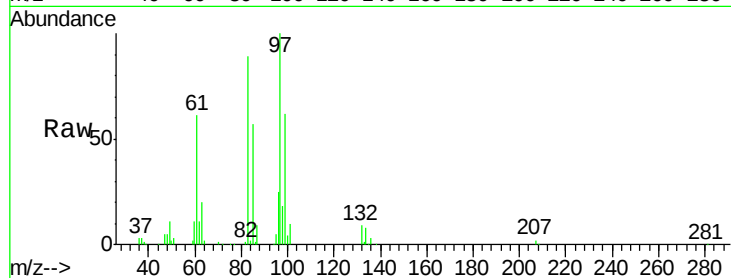




#55
 1,1,2-Trichloroethane
 Concen: 50.160 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

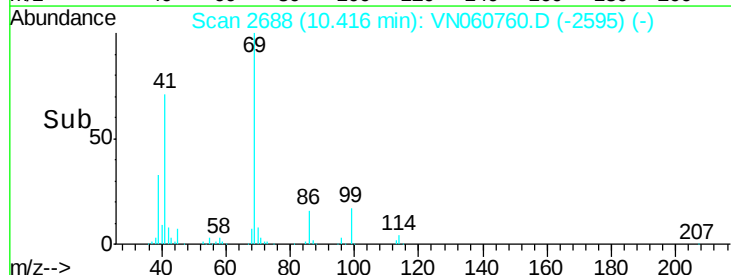
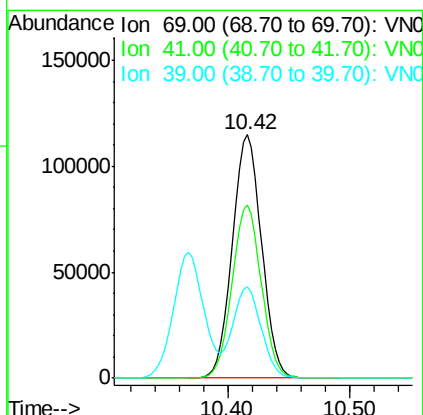
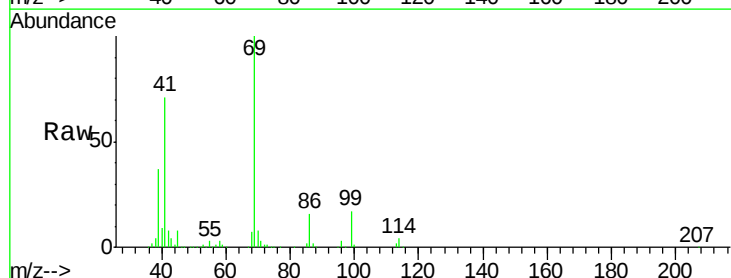
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

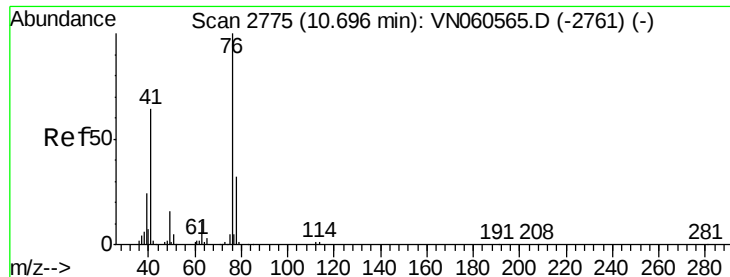
Tot Ion	97	Resp	121130
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.3	106.9
85	56.8	45.2	67.8
99	62.1	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 50.827 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion	69	Resp	191382
Ion	Ratio	Lower	Upper
69	100		
41	70.5	55.4	83.2
39	36.5	29.4	44.0





#57

1,3-Dichloropropane

Concen: 51.140 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

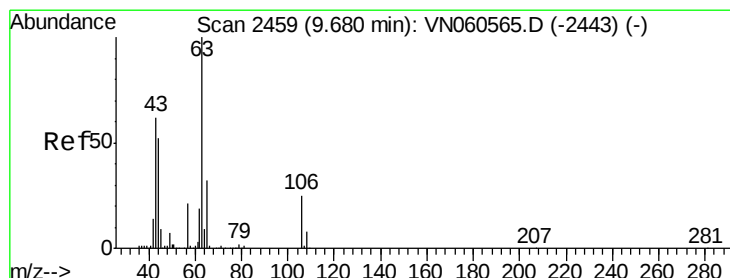
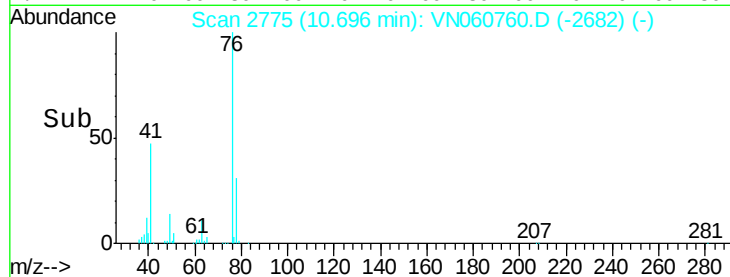
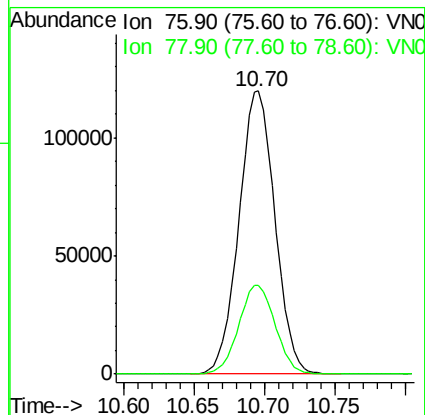
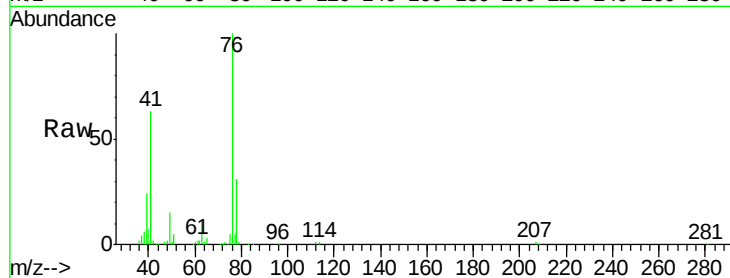
VSTDCCC050

Tot Ion: 76 Resp: 214307

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 224.162 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060760.D

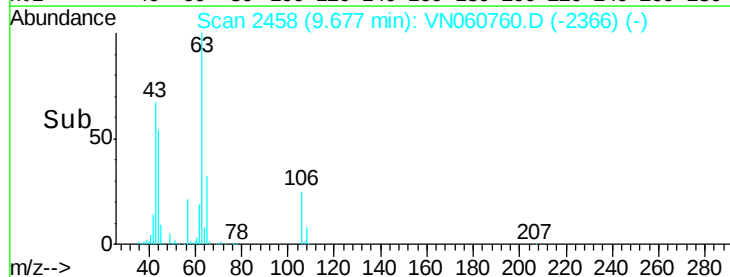
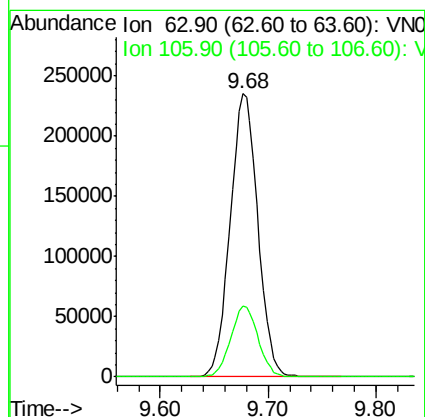
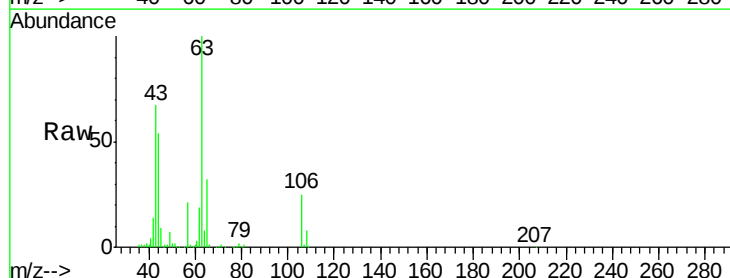
Acq: 30 Mar 2020 10:39

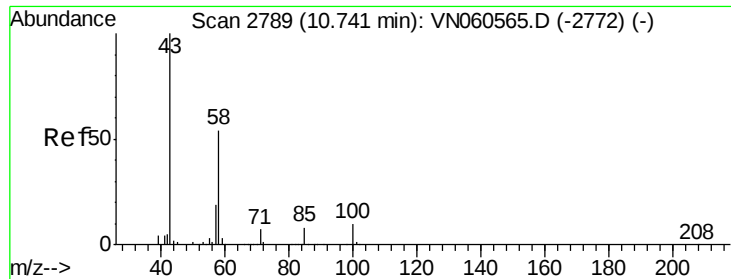
Tgt Ion: 63 Resp: 419503

Ion Ratio Lower Upper

63 100

106 24.8 20.0 30.0

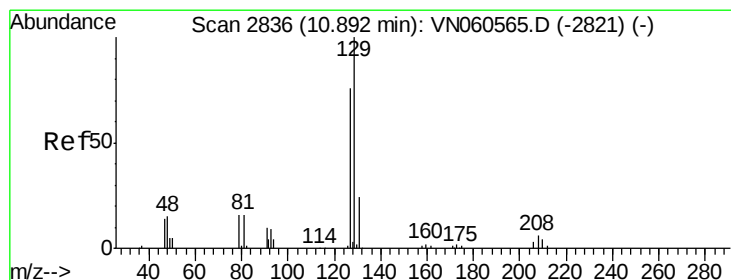
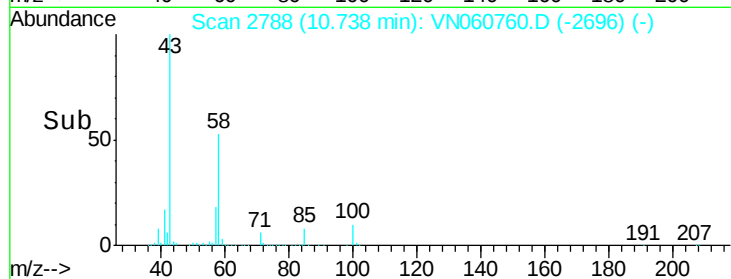
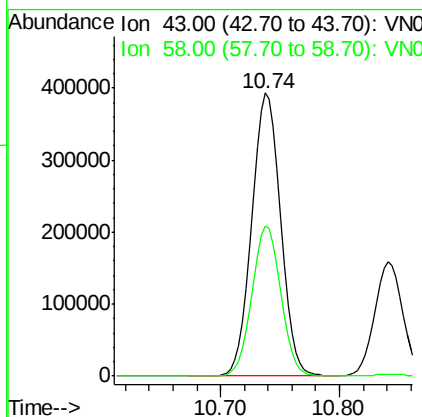
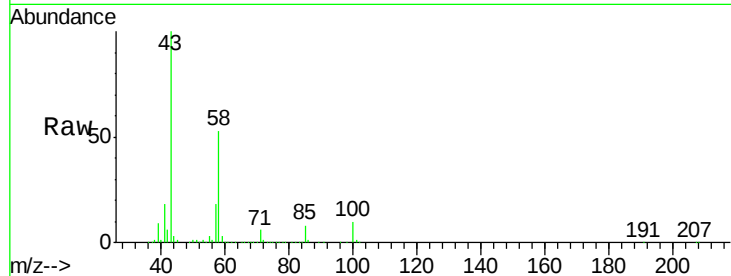




#59
2-Hexanone
Concen: 262.645 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

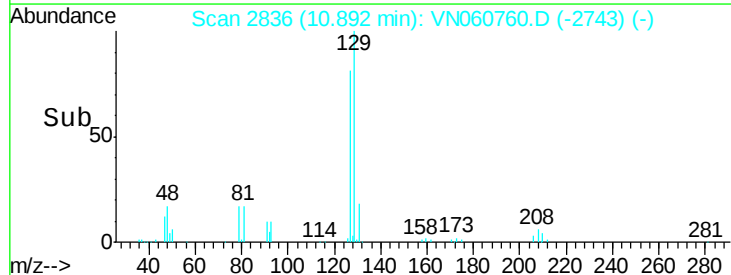
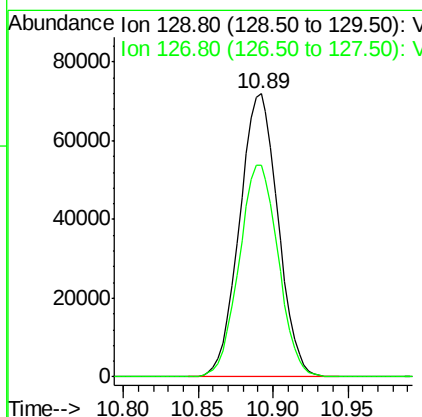
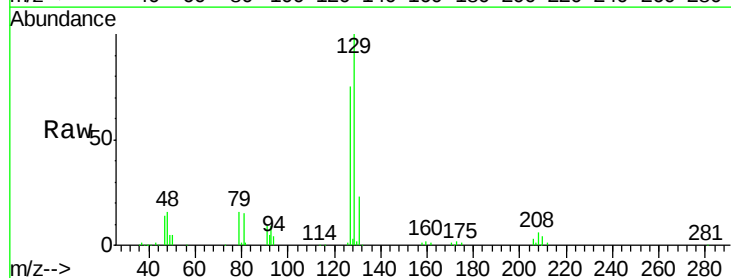
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

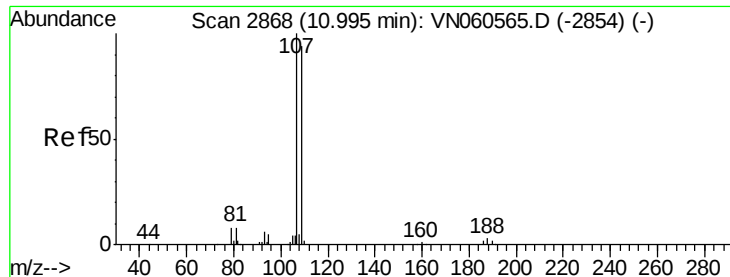
Tot Ion: 43 Resp: 660553
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1



#60
Dibromochloromethane
Concen: 51.696 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion: 129 Resp: 128953
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

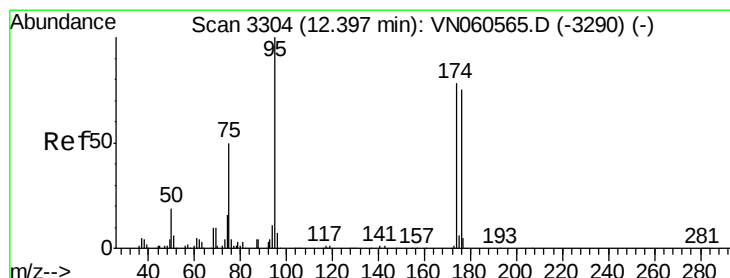
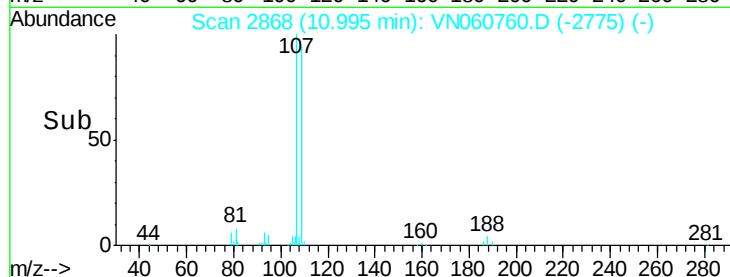
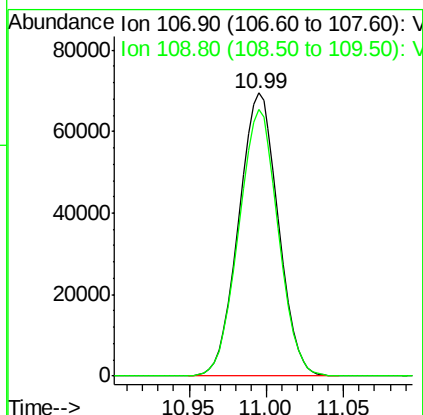
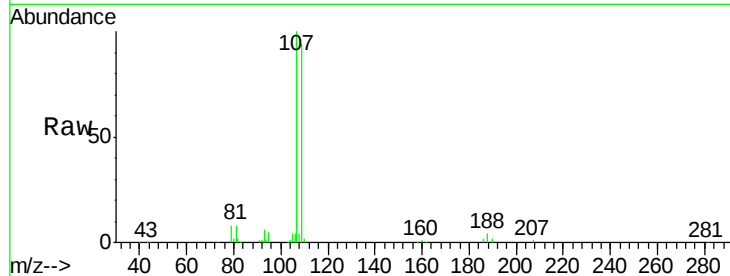




#61
 1,2-Dibromoethane
 Concen: 50.793 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

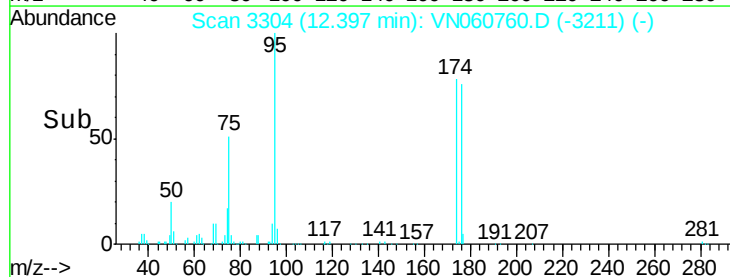
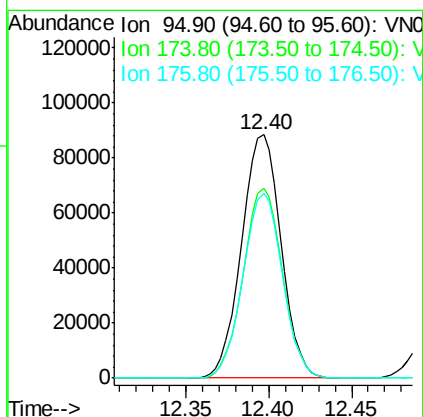
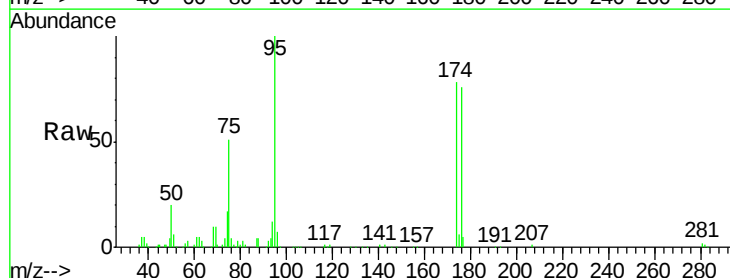
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

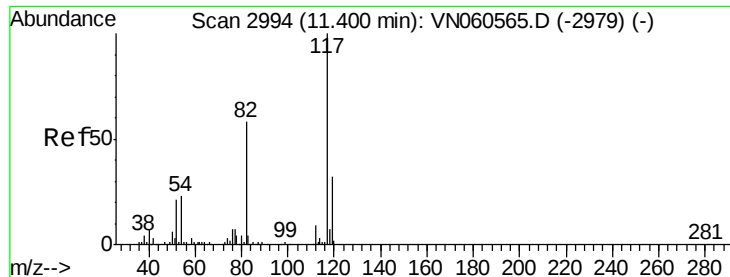
Tot Ion:107 Resp: 123341
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 45.655 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion: 95 Resp: 146941
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 157.6
 176 75.9 0.0 150.6

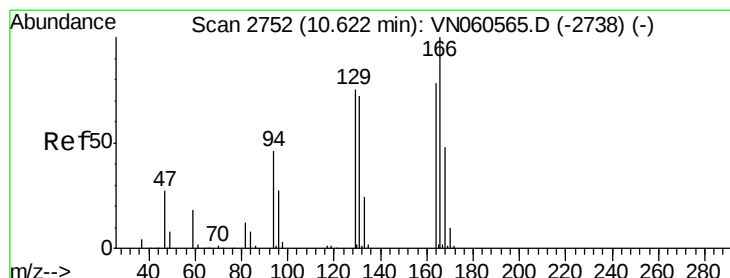
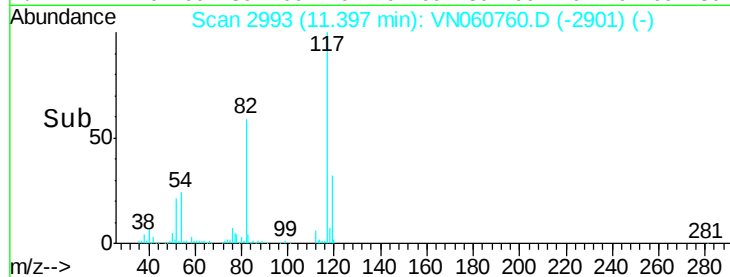
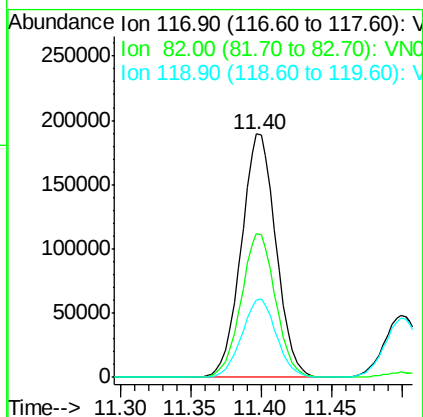
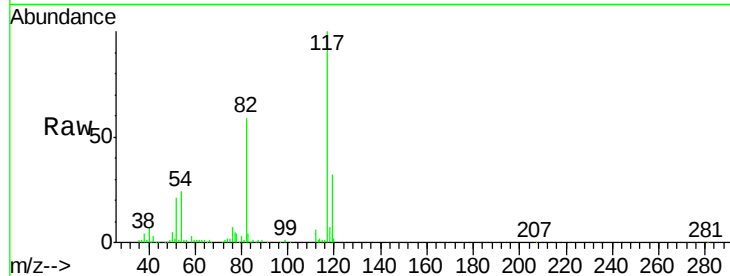




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

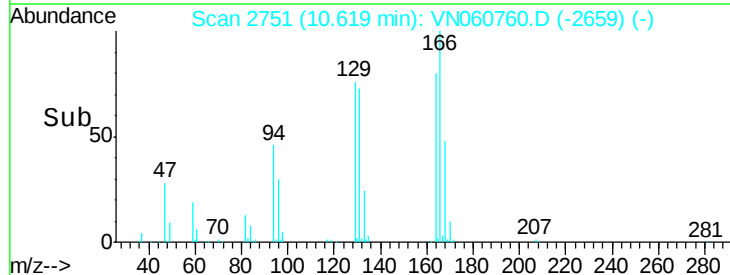
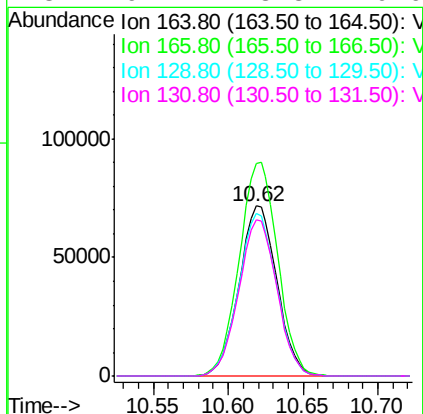
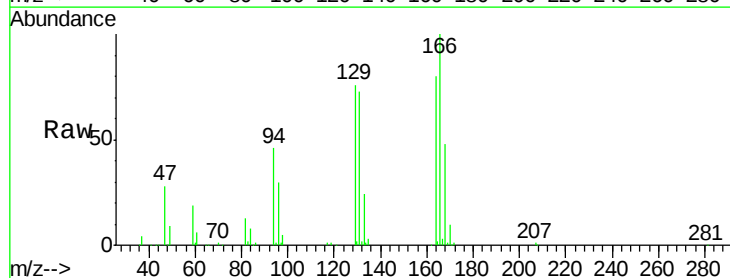
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

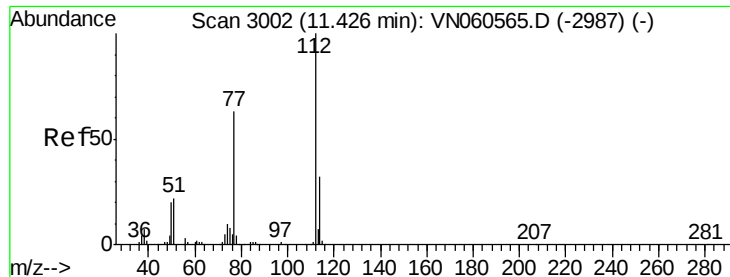
Tot Ion:117 Resp: 326142
Ion Ratio Lower Upper
117 100
82 59.0 46.7 70.1
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 49.295 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion:164 Resp: 126514
Ion Ratio Lower Upper
164 100
166 125.4 102.7 154.1
129 95.8 77.2 115.8
131 92.1 73.8 110.6

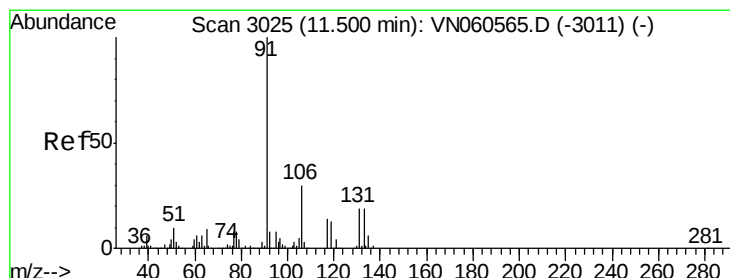
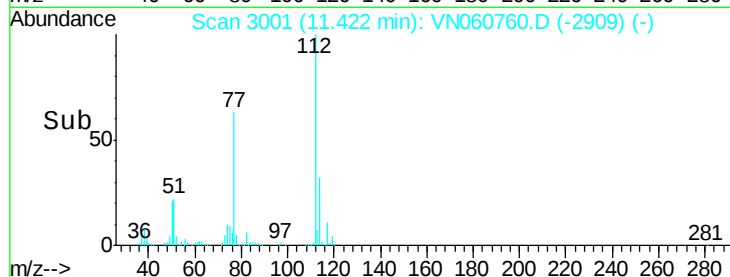
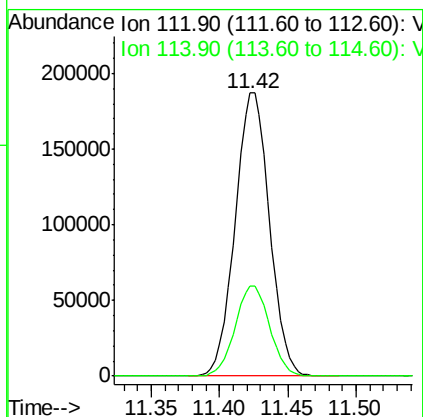
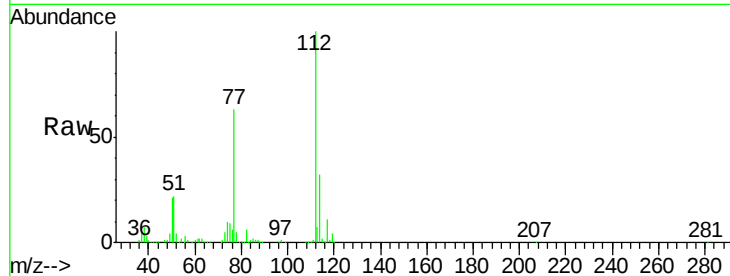




#65
Chlorobenzene
Concen: 50.476 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

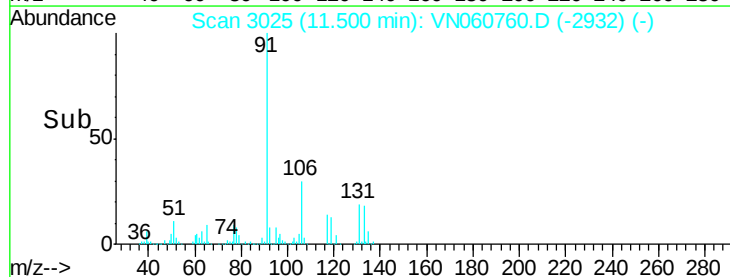
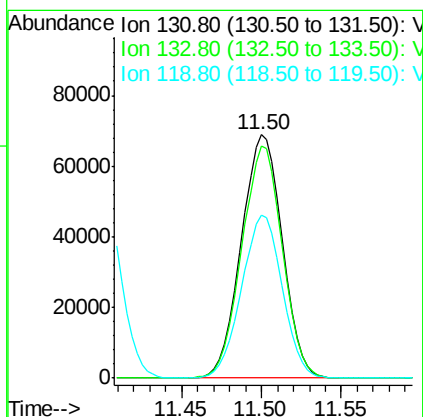
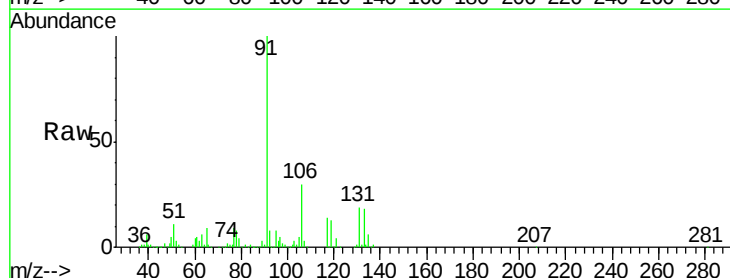
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

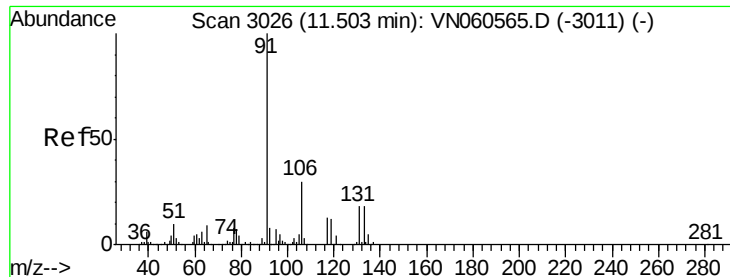
Tot Ion:112 Resp: 326348
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.566 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion:131 Resp: 120711
Ion Ratio Lower Upper
131 100
133 94.8 48.9 146.8
119 66.6 33.9 101.7





#67

Ethyl Benzene

Concen: 51.188 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

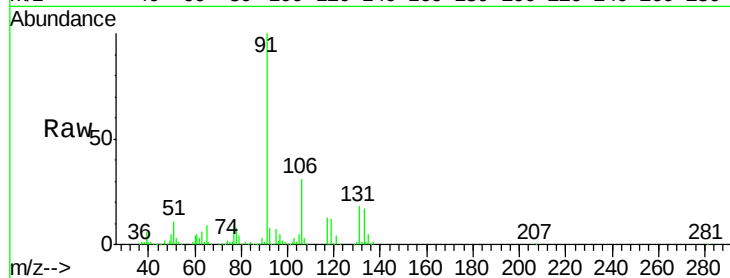
VSTDCCC050

Tot Ion: 91 Resp: 615455

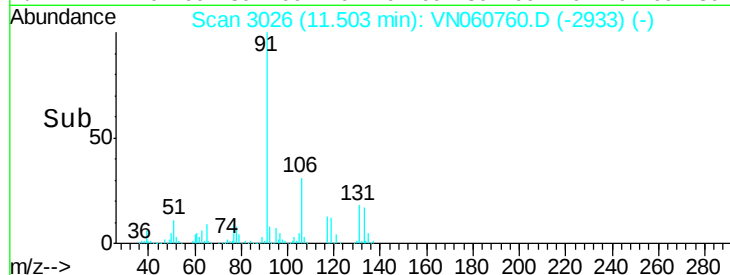
Ion Ratio Lower Upper

91 100

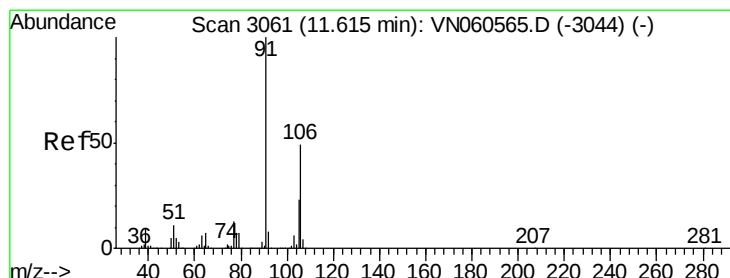
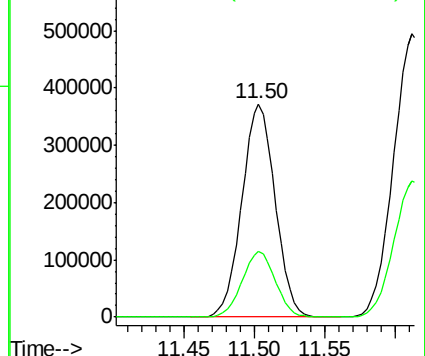
106 30.7 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060760.D (-2933) (-)



Ion 106.00 (105.70 to 106.70): VN060760.D (-2933) (-)



#68

m/p-Xylenes

Concen: 101.921 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060760.D

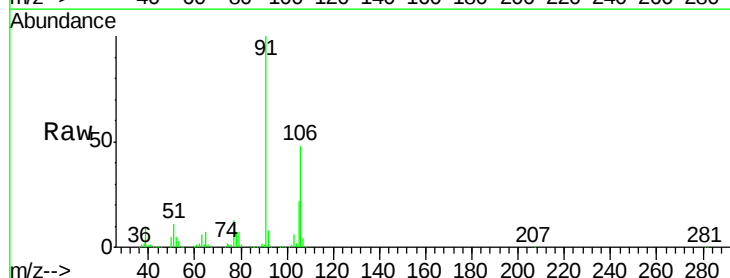
Acq: 30 Mar 2020 10:39

Tgt Ion: 106 Resp: 455383

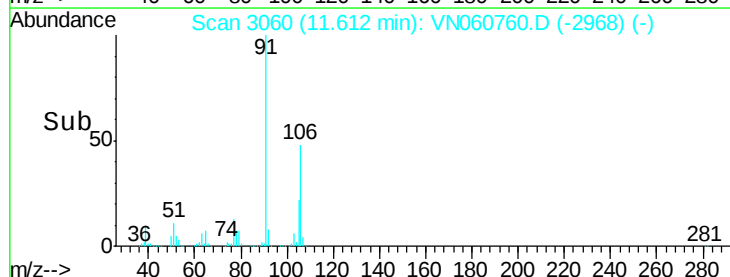
Ion Ratio Lower Upper

106 100

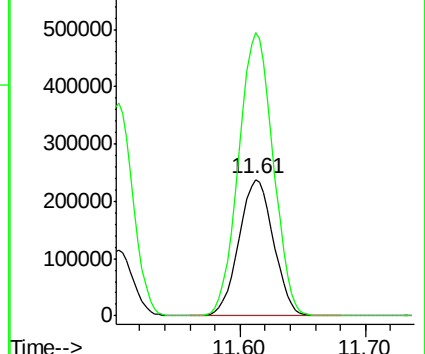
91 207.5 165.0 247.4

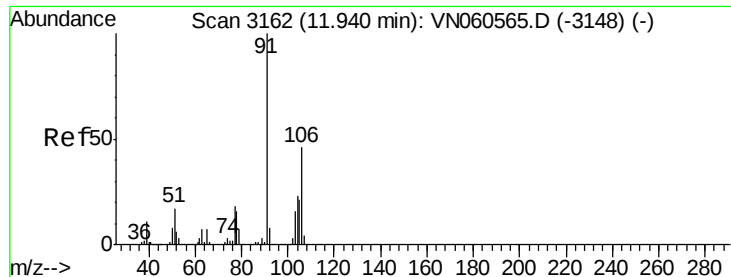


Abundance Ion 106.00 (105.70 to 106.70): VN060760.D (-2968) (-)



Ion 91.00 (90.70 to 91.70): VN060760.D (-2968) (-)

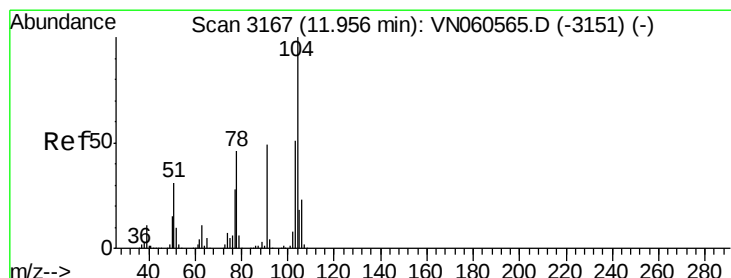
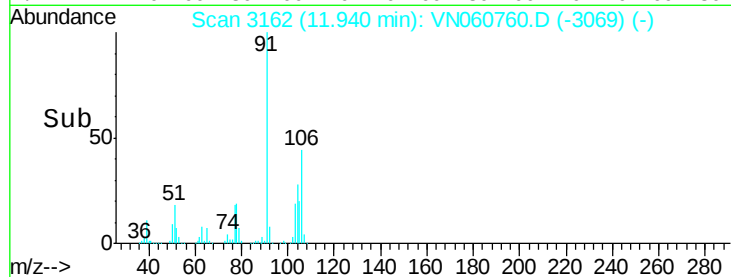
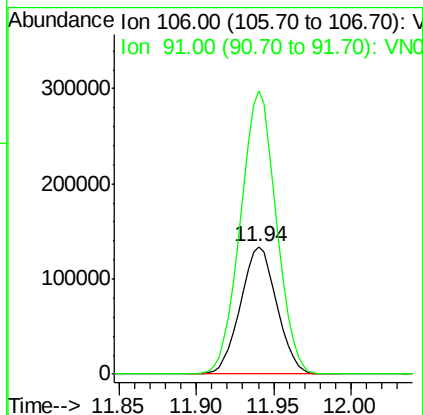
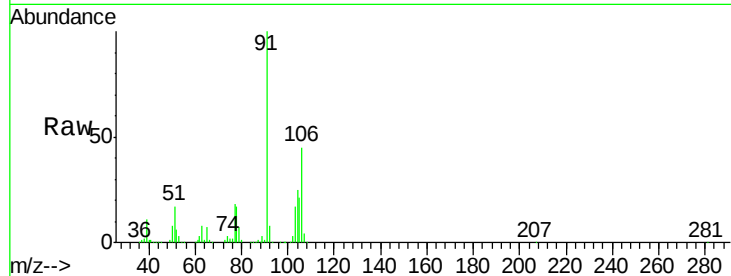




#69
o-Xylene
Concen: 51.359 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

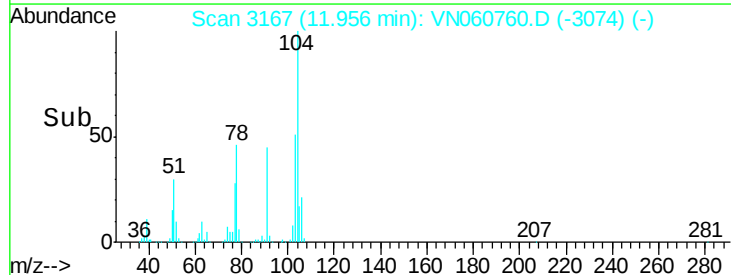
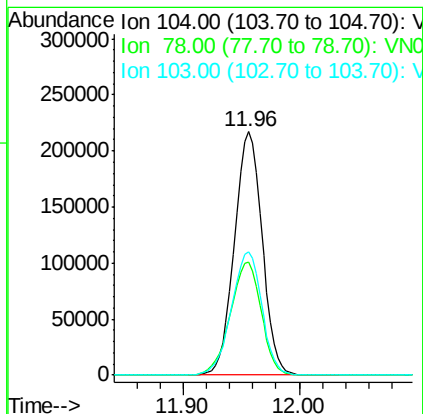
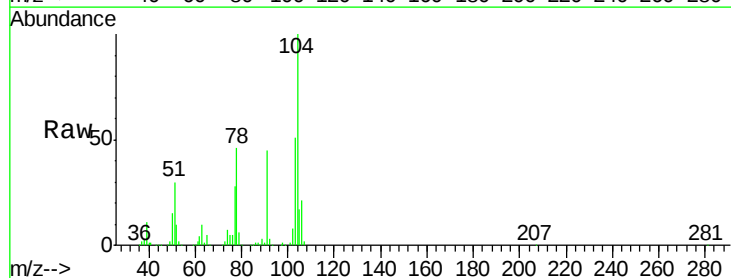
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

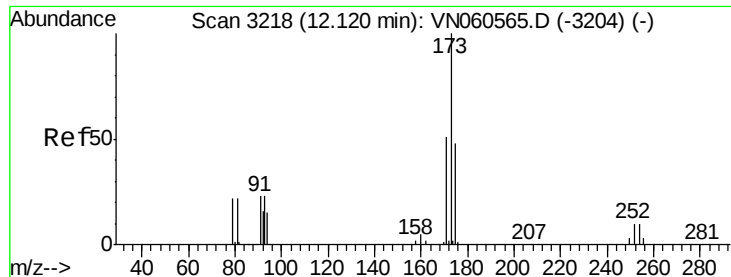
Tot Ion:106 Resp: 219057
Ion Ratio Lower Upper
106 100
91 219.0 109.5 328.4



#70
Styrene
Concen: 51.697 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion:104 Resp: 360624
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 55.2 44.0 66.0





#71

Bromoform

Concen: 46.756 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

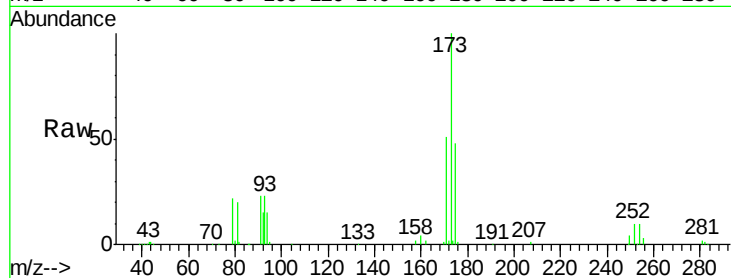
Tot Ion:173 Resp: 90750

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

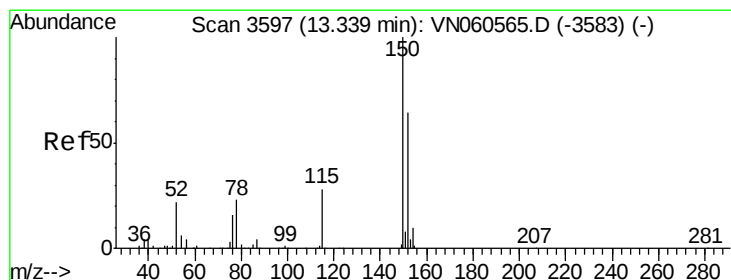
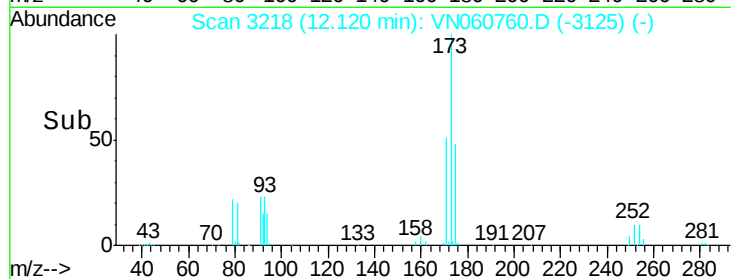
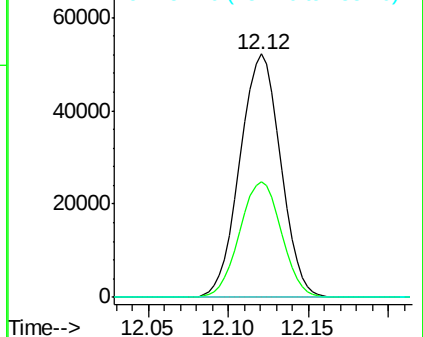
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

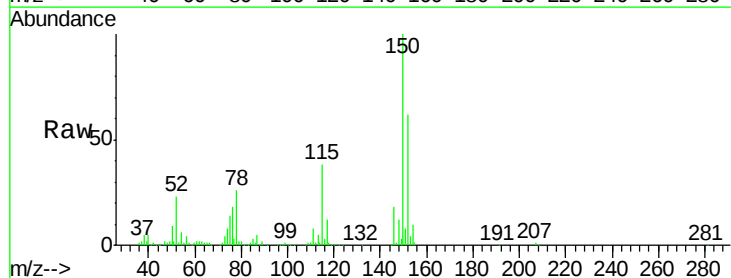
Tgt Ion:152 Resp: 161158

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

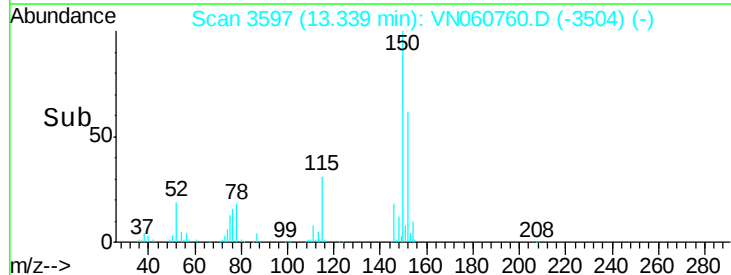
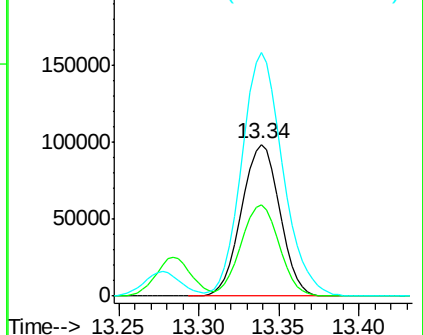
150 172.2 0.0 350.2

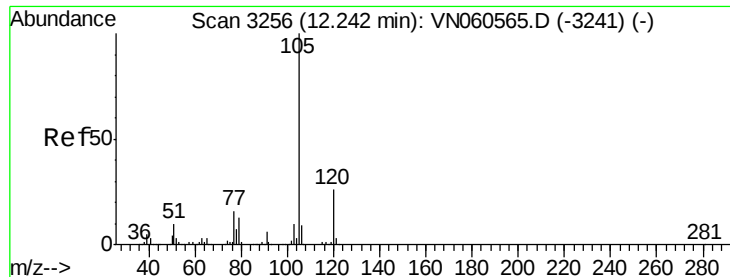


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.652 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

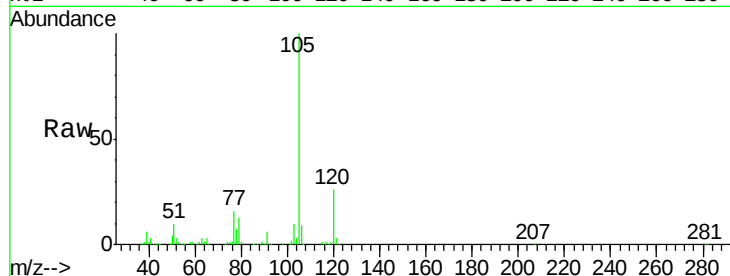
VSTDCCC050

Tot Ion:105 Resp: 588411

Ion Ratio Lower Upper

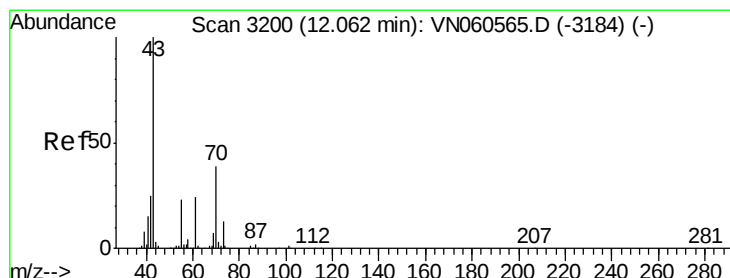
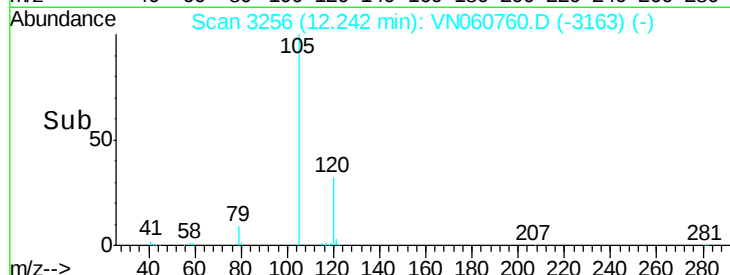
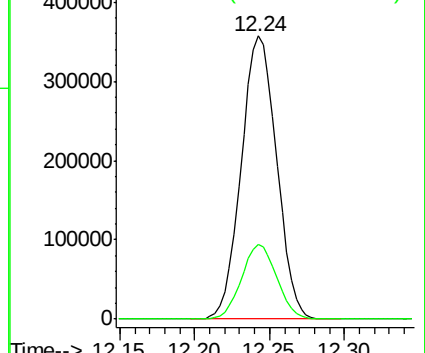
105 100

120 26.1 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: 47.202 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Tgt Ion: 43 Resp: 263793

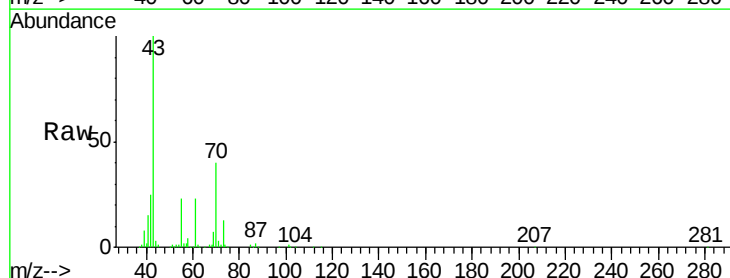
Ion Ratio Lower Upper

43 100

70 39.4 31.1 46.7

55 23.8 18.6 27.8

61 23.4 18.9 28.3

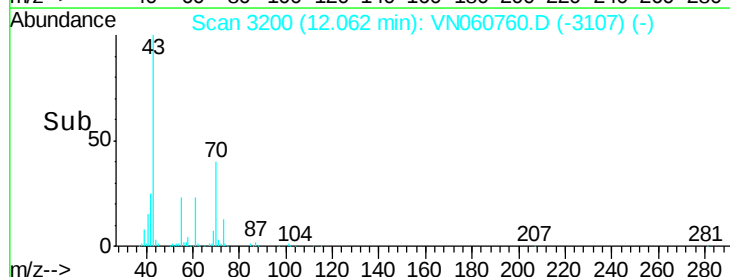
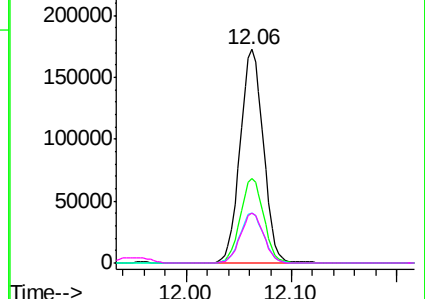


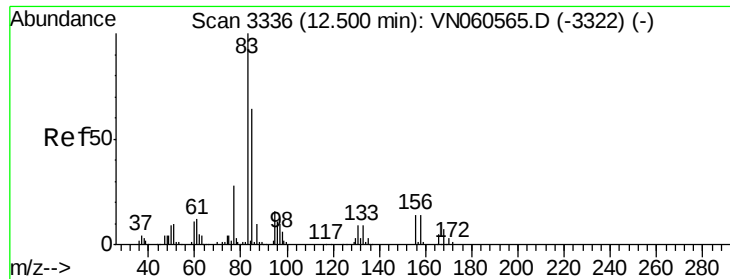
Abundance Ion 43.00 (42.70 to 43.70): V

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: 46.881 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

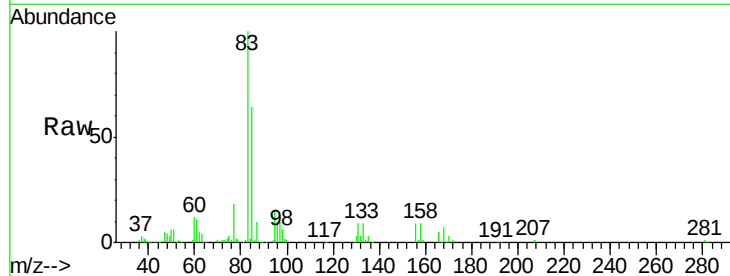
Tot Ion: 83 Resp: 171461

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

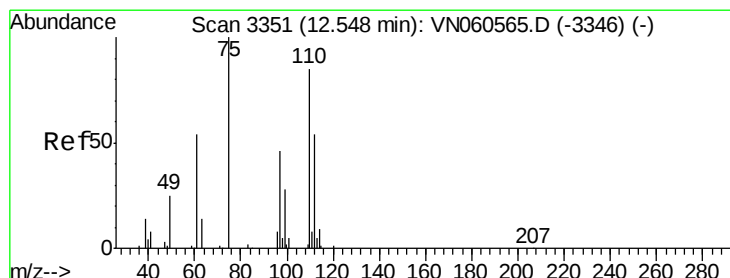
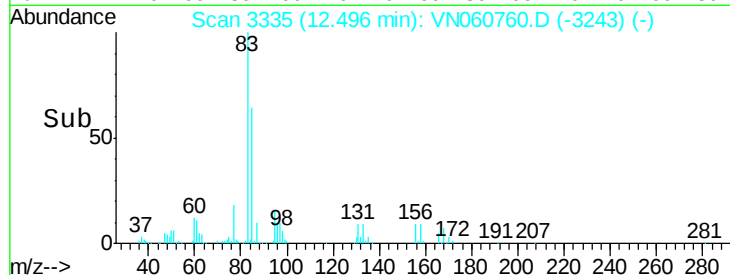
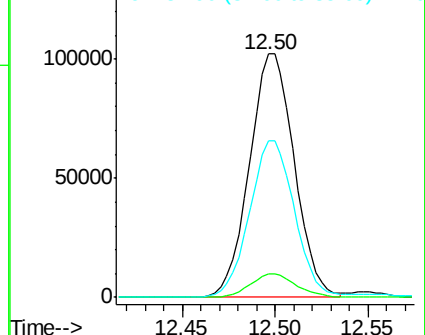
85 64.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060760.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060760.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060760.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 48.299 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060760.D

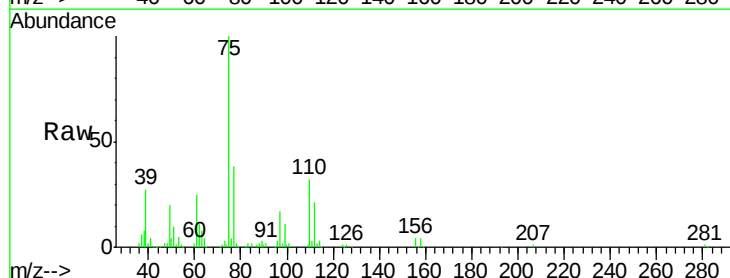
Acq: 30 Mar 2020 10:39

Tgt Ion: 75 Resp: 167958

Ion Ratio Lower Upper

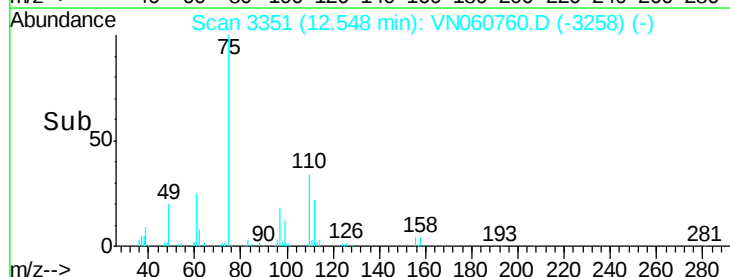
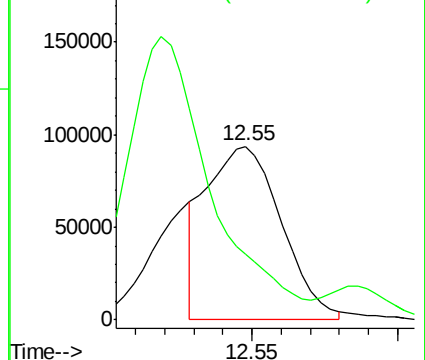
75 100

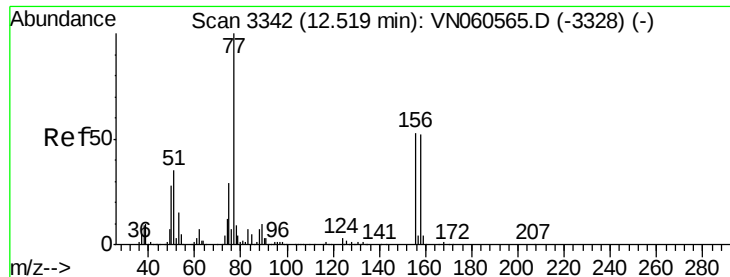
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060760.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN060760.D (-3351) (-)





#77

Bromobenzene

Concen: 47.875 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

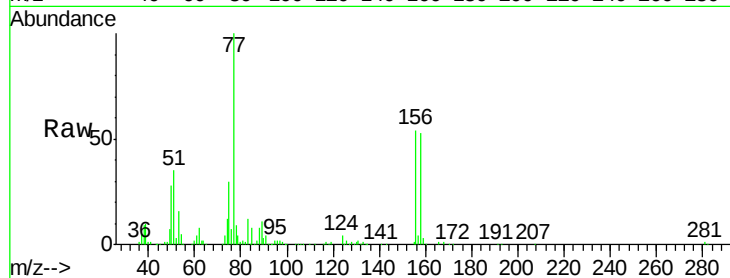
Tot Ion:156 Resp: 139521

Ion Ratio Lower Upper

156 100

77 221.8 112.3 337.0

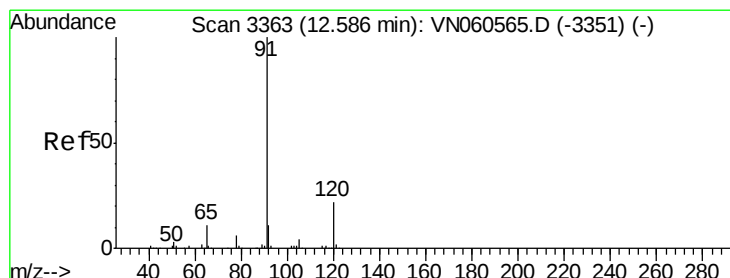
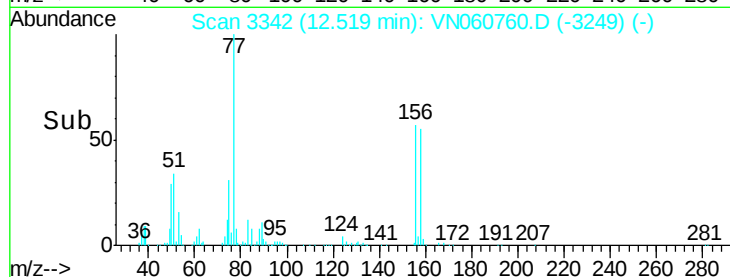
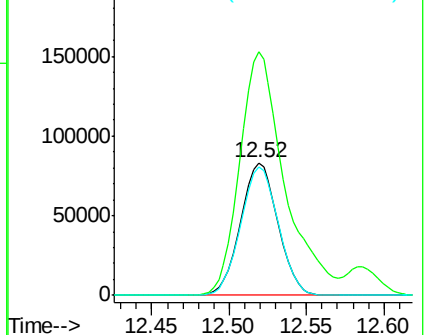
158 97.7 48.6 145.8



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: 49.768 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060760.D

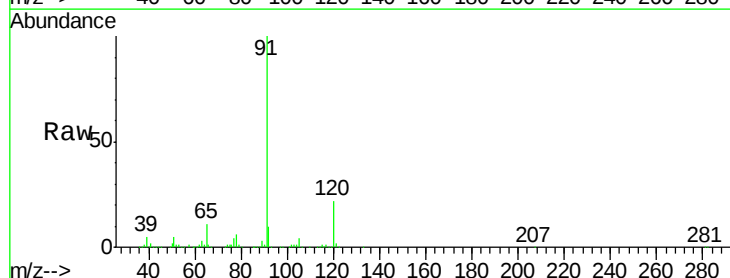
Acq: 30 Mar 2020 10:39

Tgt Ion: 91 Resp: 711122

Ion Ratio Lower Upper

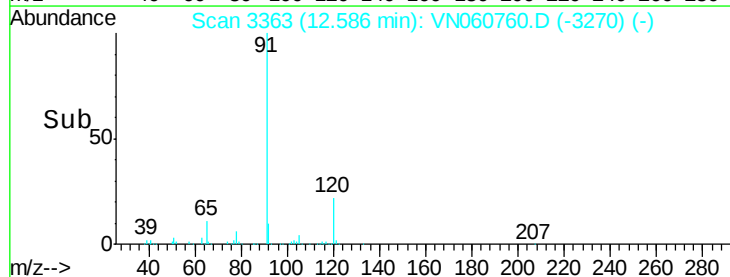
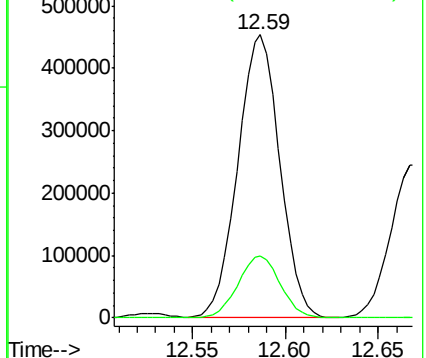
91 100

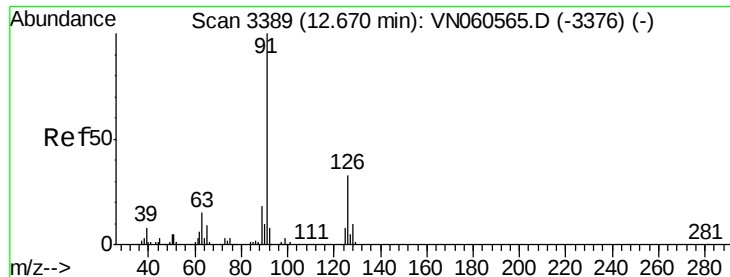
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.017 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060760.D

Acq: 30 Mar 2020 10:39

Instrument :

MSVOA_N

ClientSampleId :

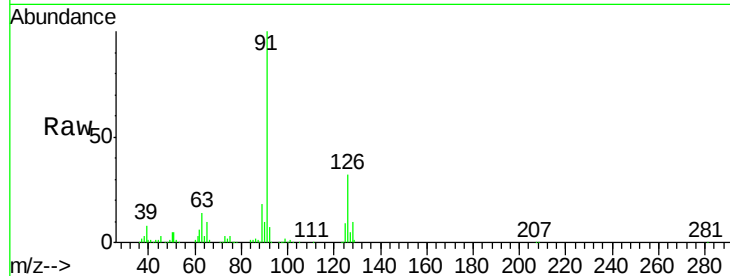
VSTDCCC050

Tot Ion: 91 Resp: 409946

Ion Ratio Lower Upper

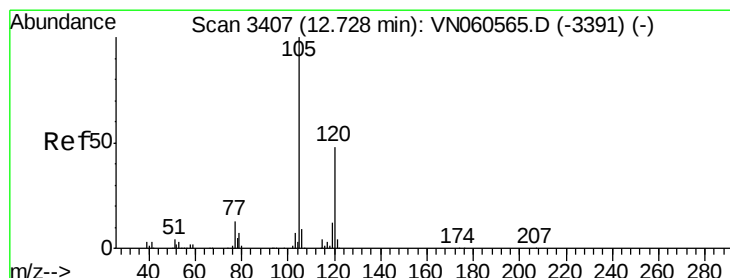
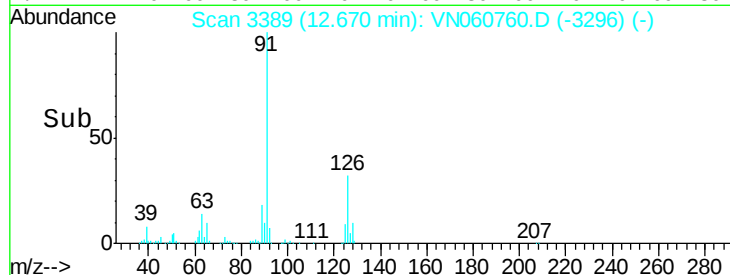
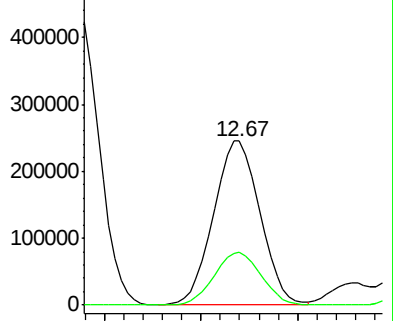
91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060760.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060760.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.930 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060760.D

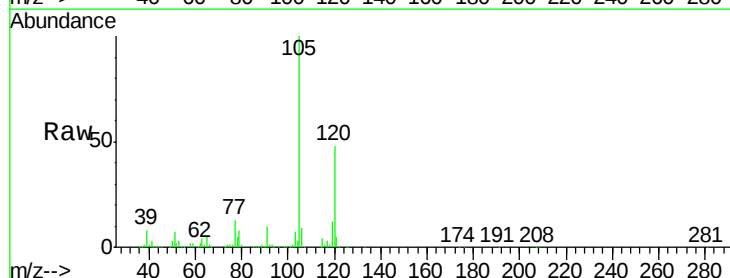
Acq: 30 Mar 2020 10:39

Tgt Ion: 105 Resp: 502197

Ion Ratio Lower Upper

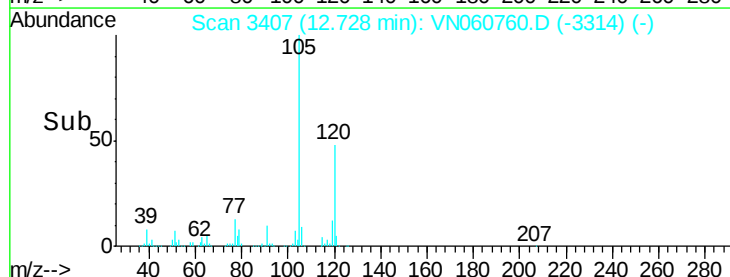
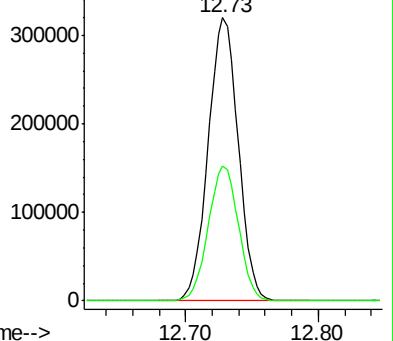
105 100

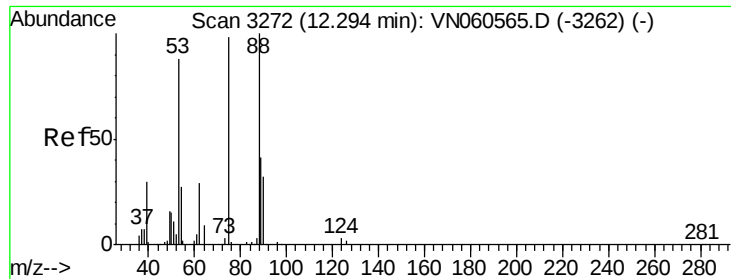
120 47.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060760.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060760.D (-3314) (-)

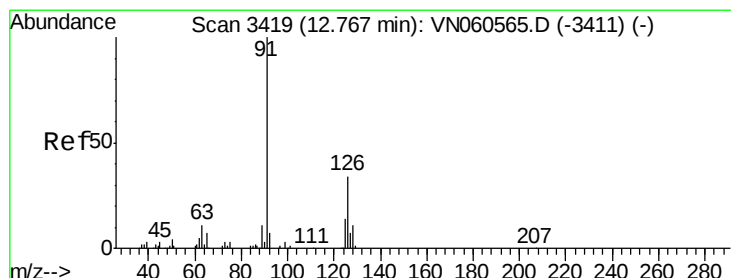
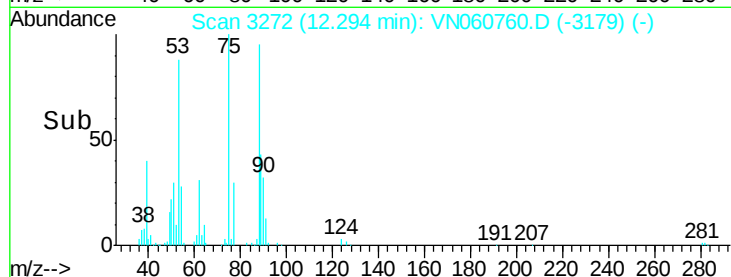
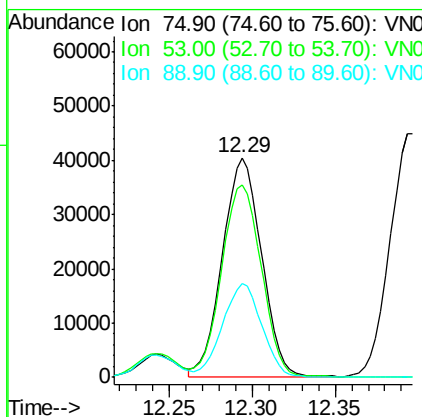
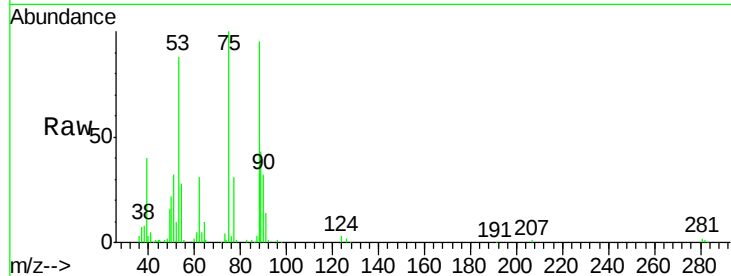




#81
trans-1,4-Dichloro-2-butene
Concen: 49.158 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

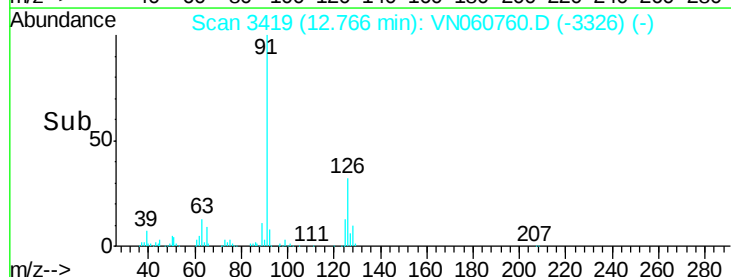
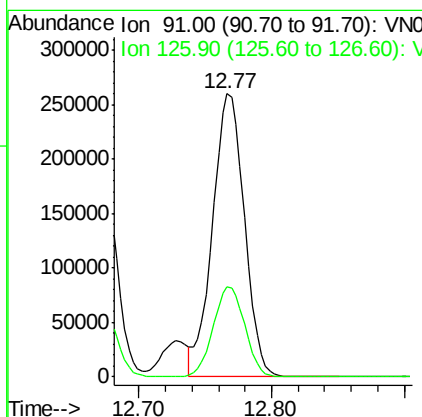
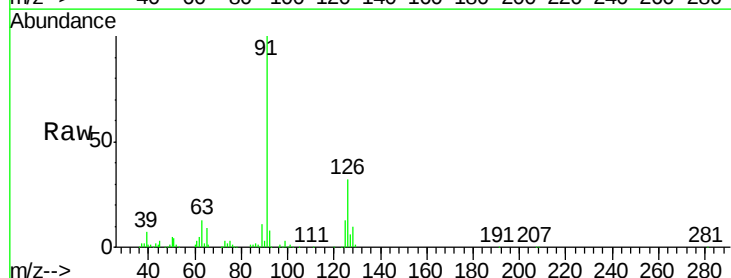
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

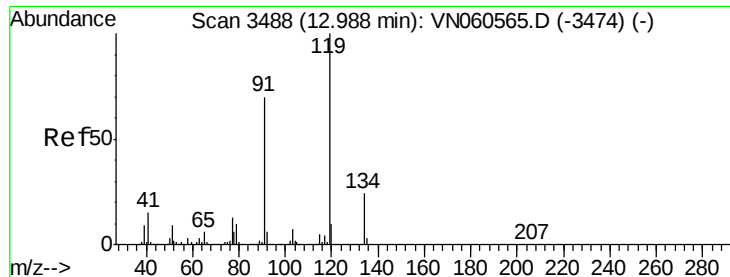
Tot Ion: 75 Resp: 66560
Ion Ratio Lower Upper
75 100
53 88.1 73.0 109.4
89 42.7 34.8 52.2



#82
4-Chlorotoluene
Concen: 49.683 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion: 91 Resp: 432008
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.5

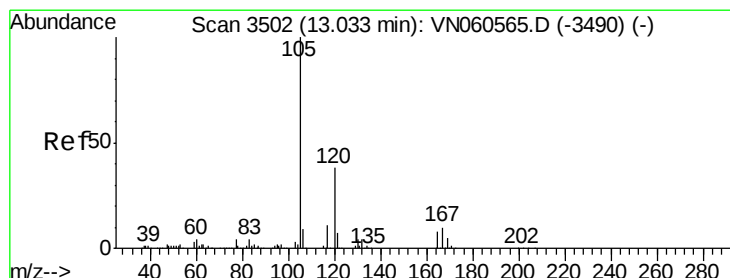
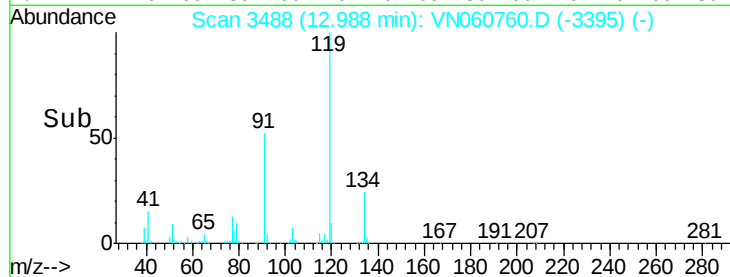
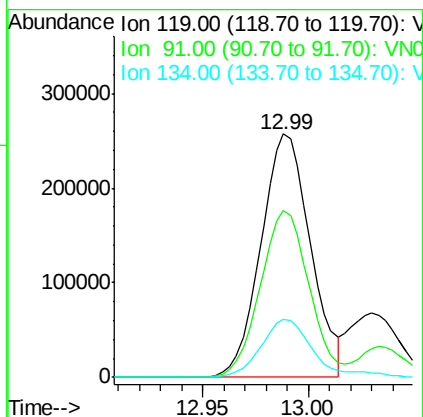
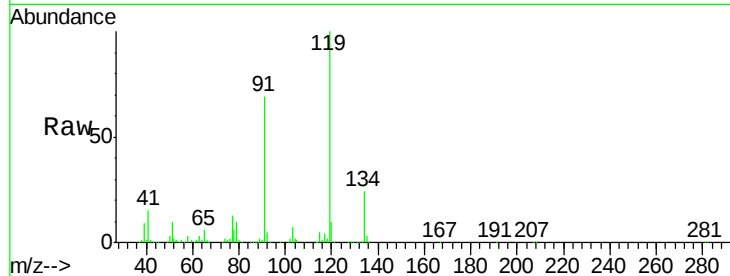




#83
tert-Butylbenzene
Concen: 49.467 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

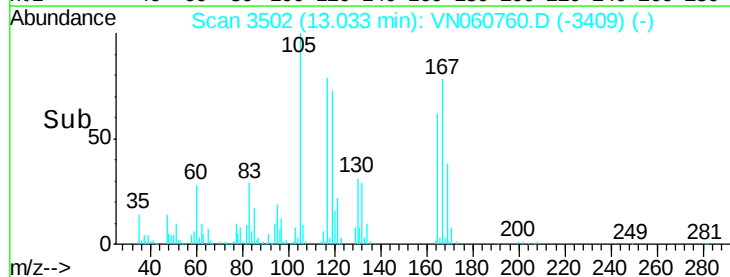
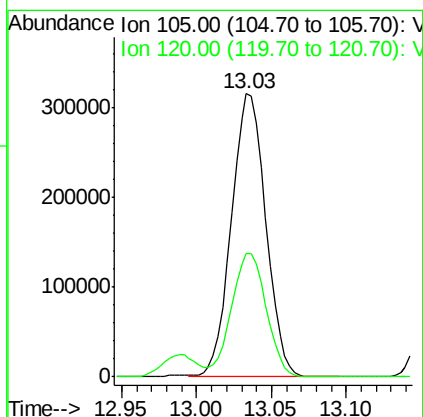
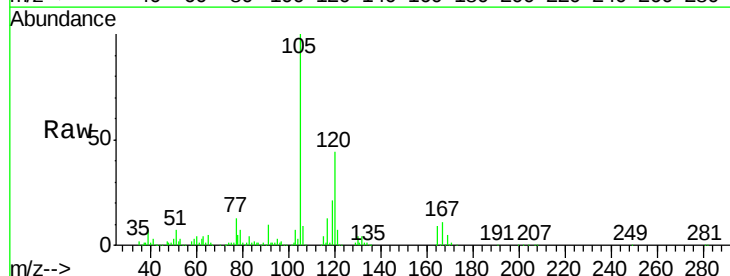
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

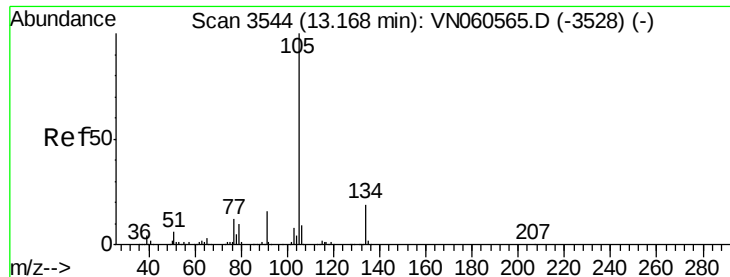
Tot Ion:119 Resp: 420876
Ion Ratio Lower Upper
119 100
91 67.6 34.0 101.8
134 25.2 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 49.749 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion:105 Resp: 505140
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.5

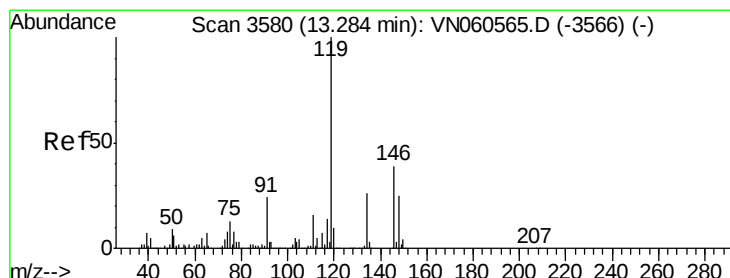
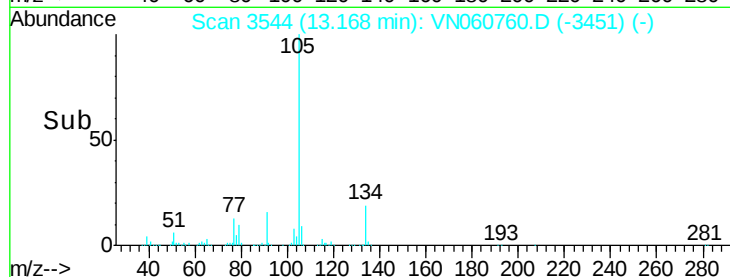
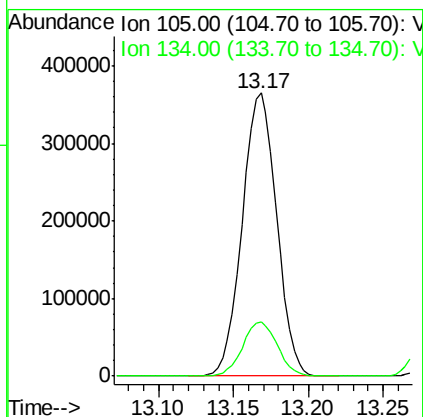
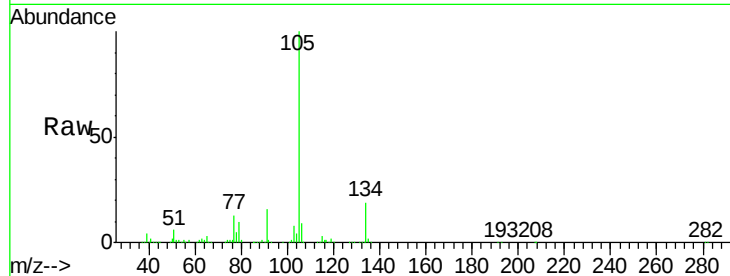




#85
 sec-Butylbenzene
 Concen: 51.034 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

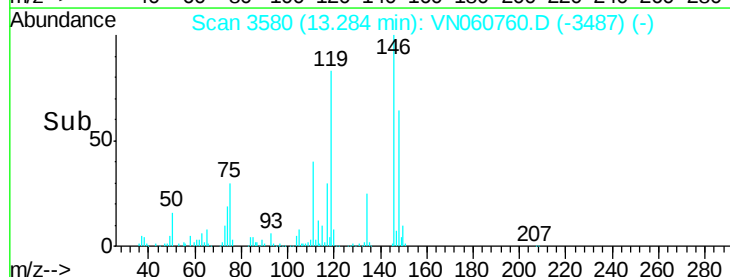
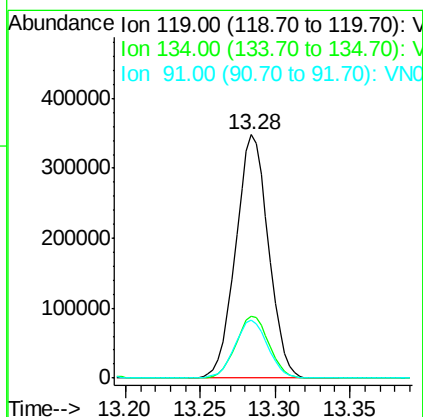
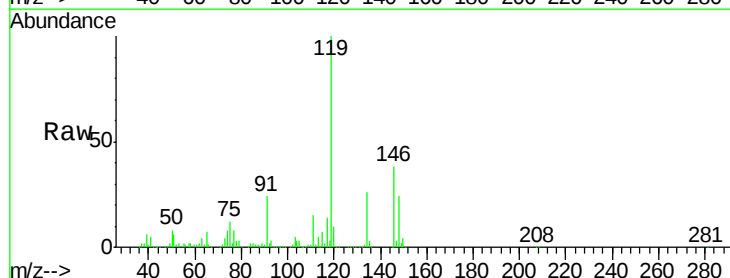
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

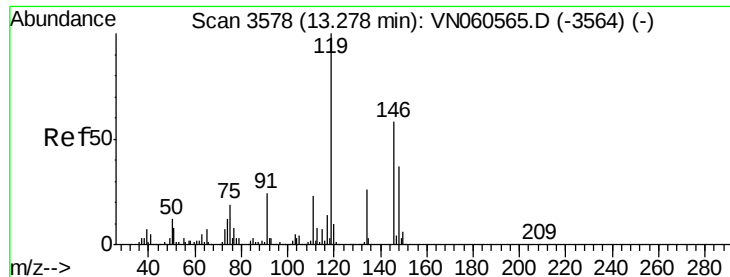
Tot Ion:105 Resp: 583878
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 51.301 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion:119 Resp: 527787
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.1 12.0 36.0

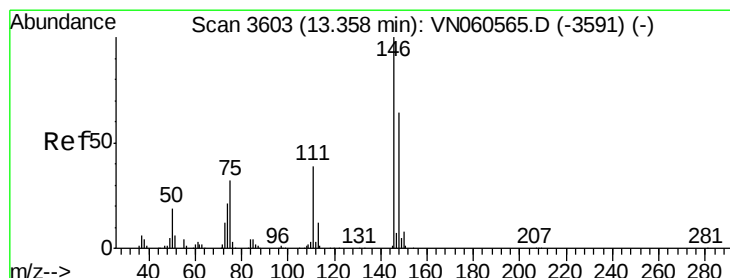
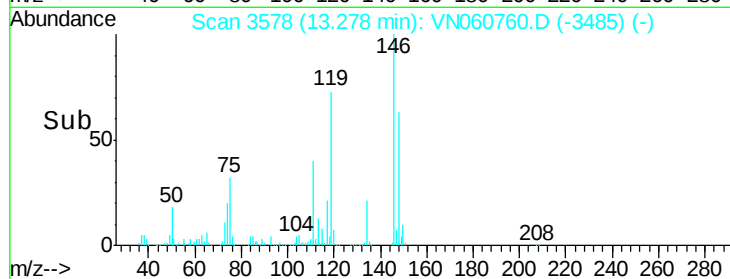
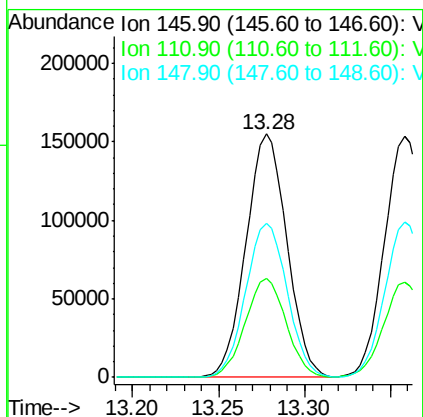
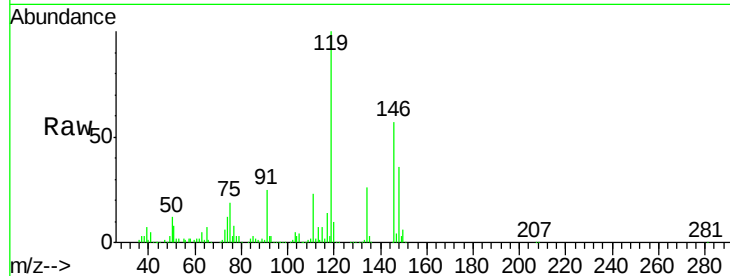




#87
 1,3-Dichlorobenzene
 Concen: 49.815 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

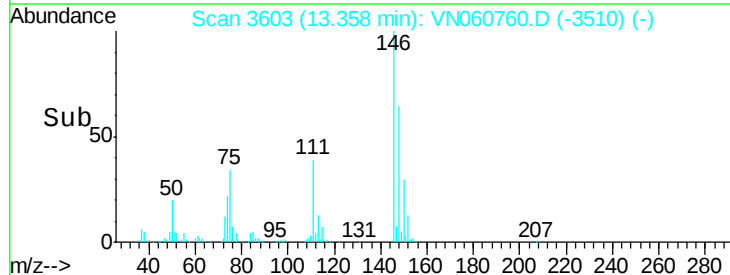
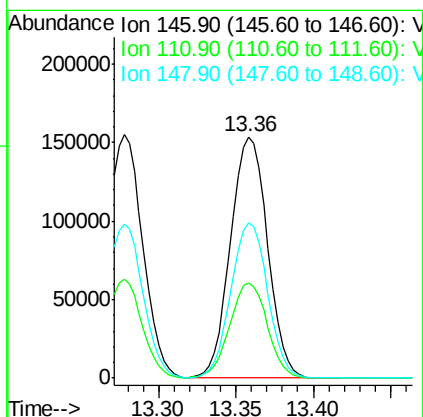
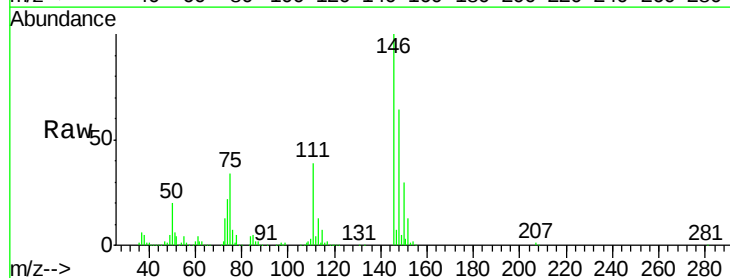
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

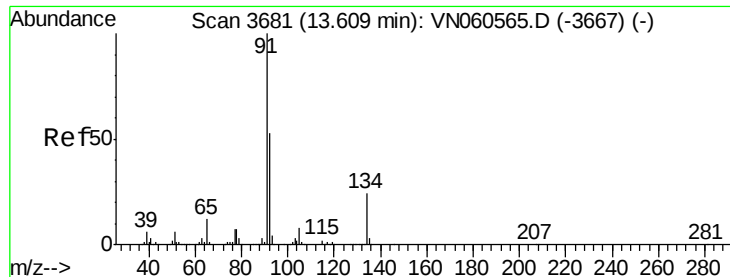
Tot Ion:146 Resp: 256049
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 64.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 49.569 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion:146 Resp: 255979
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.7
 148 63.8 32.1 96.3

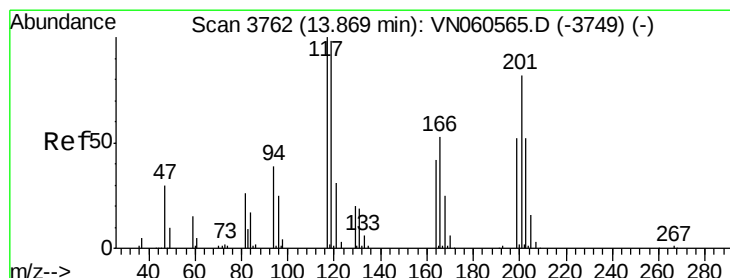
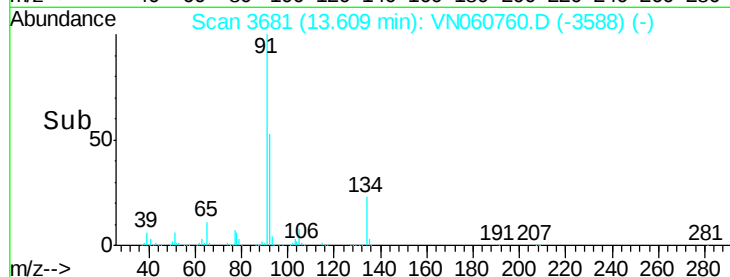
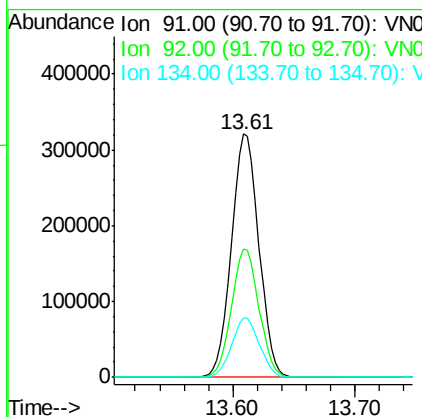
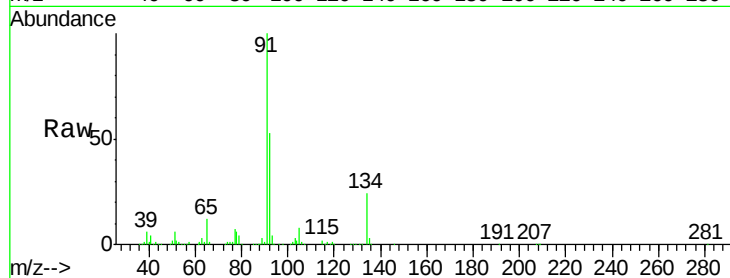




#89
n-Butylbenzene
Concen: 53.968 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

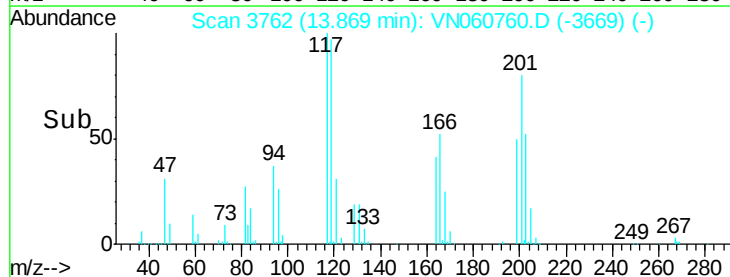
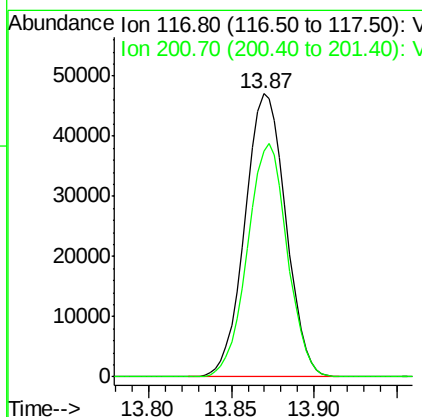
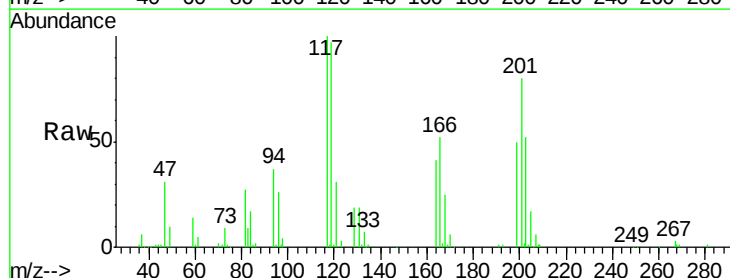
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

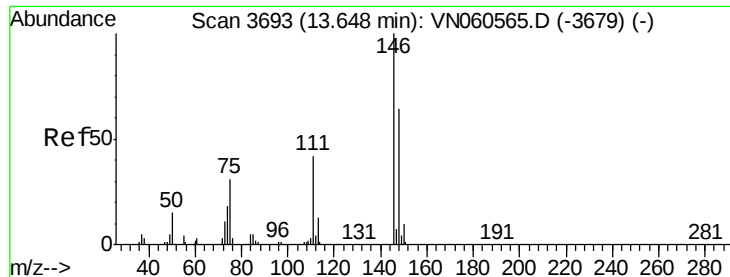
Tot Ion: 91 Resp: 501289
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 53.874 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion: 117 Resp: 80566
Ion Ratio Lower Upper
117 100
201 80.2 40.8 122.5

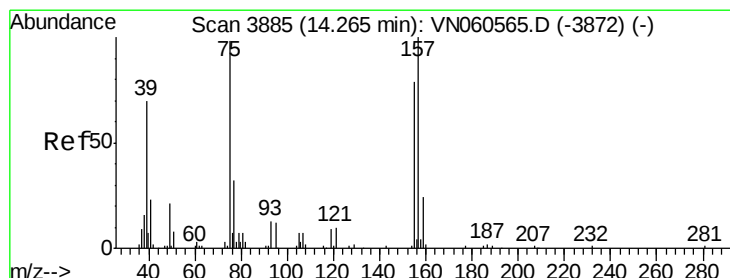
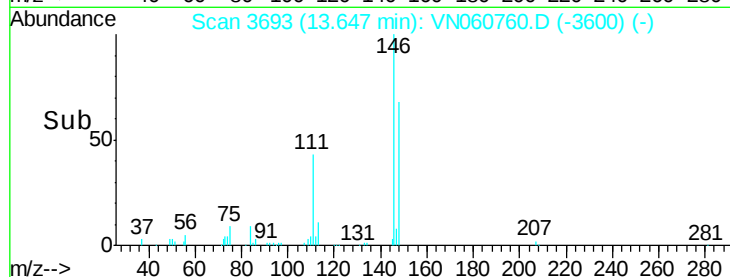
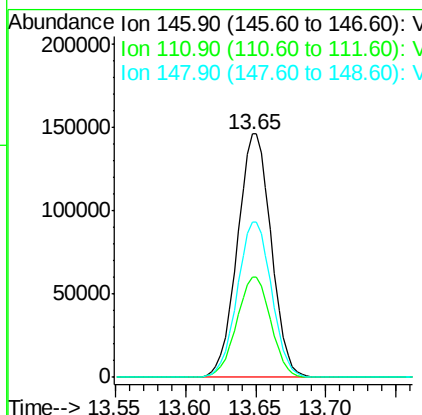
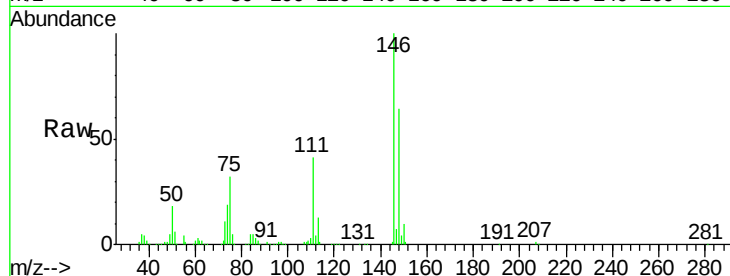




#91
 1,2-Dichlorobenzene
 Concen: 49.855 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

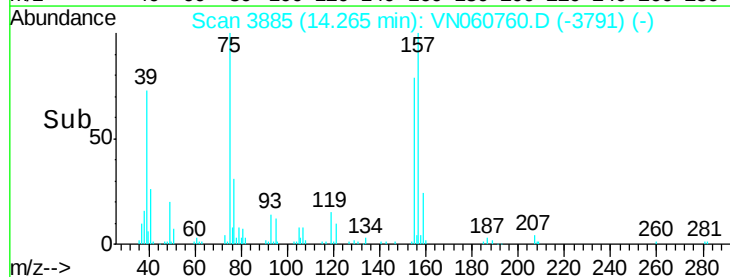
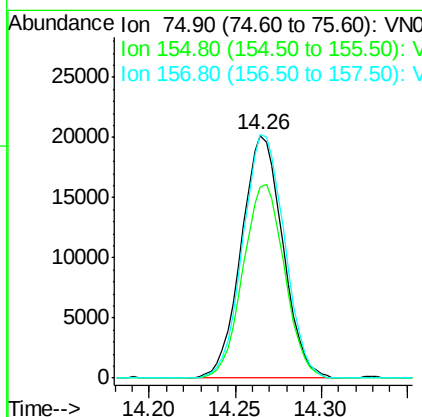
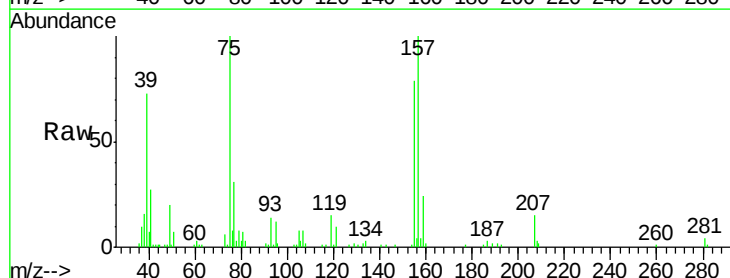
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

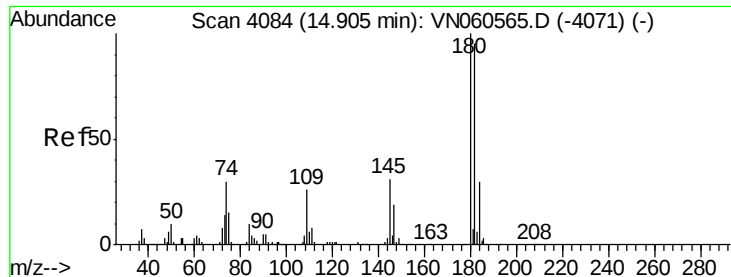
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.0	63.0
148	64.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.172 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	40.7	122.1
157	100.4	51.5	154.7

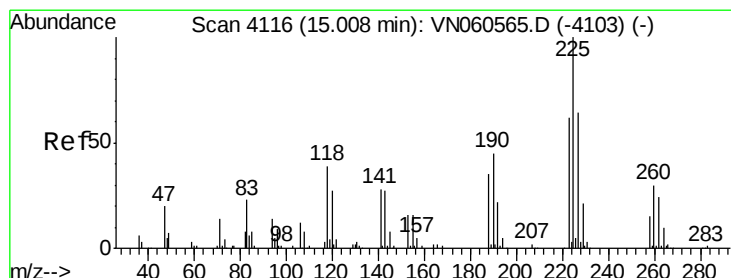
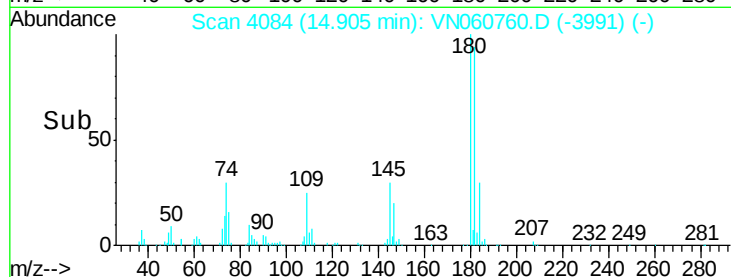
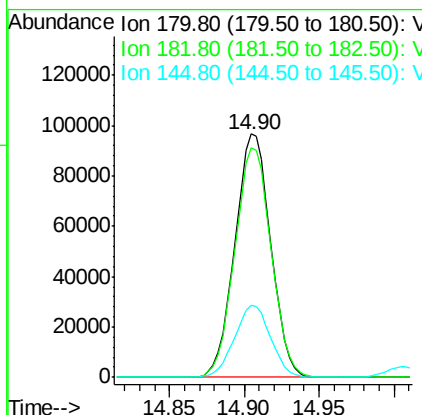
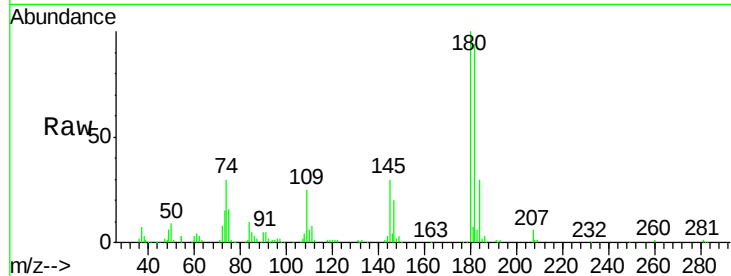




#93
 1,2,4-Trichlorobenzene
 Concen: 53.281 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

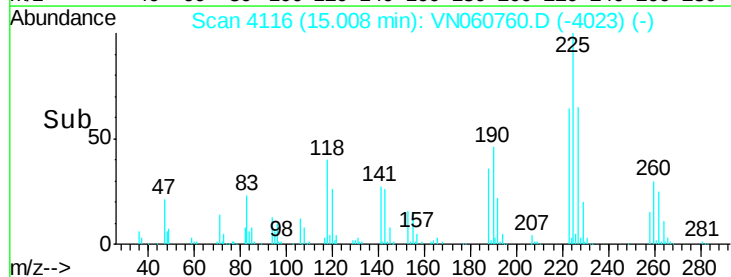
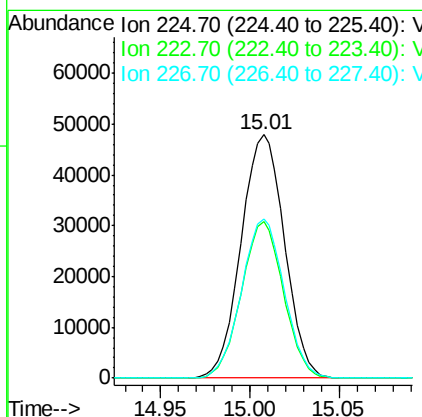
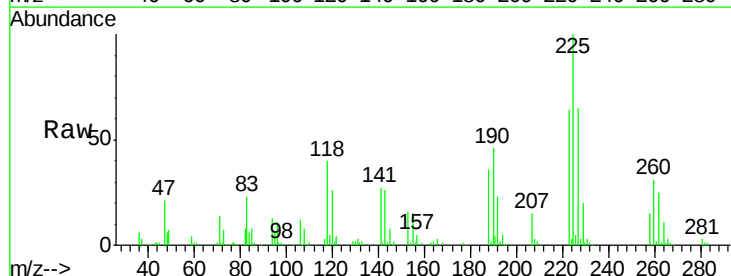
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

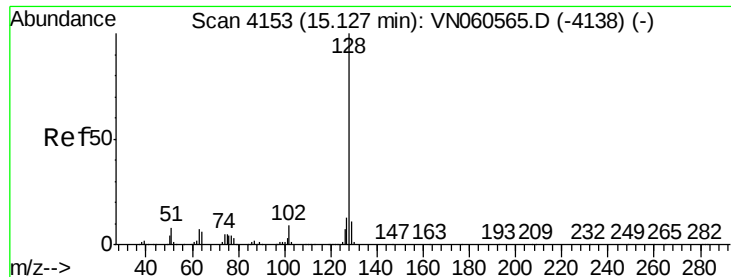
Tot Ion:180 Resp: 160811
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.8
 145 29.9 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 55.139 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060760.D
 Acq: 30 Mar 2020 10:39

Tgt Ion:225 Resp: 81582
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.1 32.3 96.8

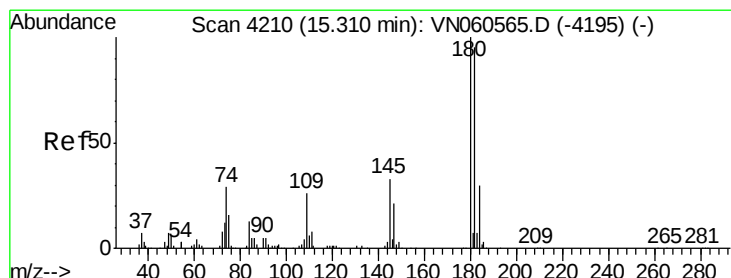
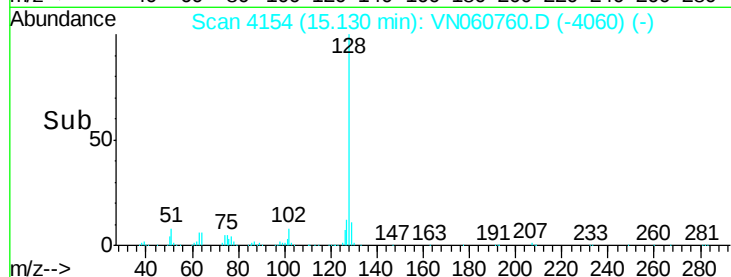
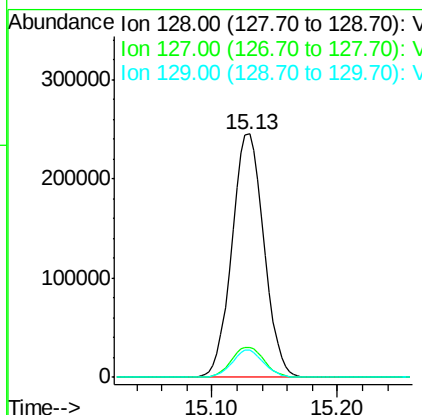
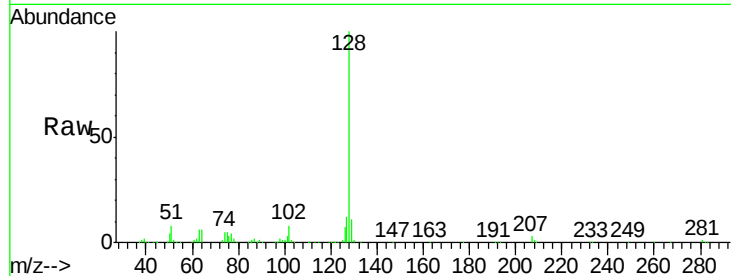




#95
Naphthalene
Concen: 47.872 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 434583
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.325 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060760.D
Acq: 30 Mar 2020 10:39

Tgt Ion:180 Resp: 149607
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 32.4 16.3 48.8

