

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060603.D
 Acq On : 18 Mar 2020 19:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 19 05:02:35 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	207895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	349306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151713	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	142376	49.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.78%	
35) Dibromofluoromethane	7.57	113	105839	50.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.22%	
50) Toluene-d8	10.08	98	432227	50.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	157980	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	103049	51.228	ug/l	98
3) Chloromethane	2.03	50	180636	48.081	ug/l	100
4) Vinyl Chloride	2.16	62	146629	49.899	ug/l	98
5) Bromomethane	2.54	94	61604	48.564	ug/l	99
6) Chloroethane	2.68	64	85638	50.592	ug/l	99
7) Trichlorofluoromethane	3.00	101	181458	50.129	ug/l	98
8) Diethyl Ether	3.38	74	73610	50.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	104834	49.981	ug/l	99
10) Methyl Iodide	3.92	142	98059	52.539	ug/l	100
11) Tert butyl alcohol	4.73	59	105348	250.995	ug/l	100
12) 1,1-Dichloroethene	3.72	96	109867	48.811	ug/l	97
13) Acrolein	3.58	56	107453	230.994	ug/l	100
14) Allyl chloride	4.29	41	191958	48.489	ug/l	97
15) Acrylonitrile	4.94	53	318302	257.895	ug/l	100
16) Acetone	3.78	43	257225	254.447	ug/l	99
17) Carbon Disulfide	4.03	76	335798	49.054	ug/l	100
18) Methyl Acetate	4.29	43	143112	50.295	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	381840	49.342	ug/l	98
20) Methylene Chloride	4.52	84	123788	49.778	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	117813	49.111	ug/l	96
22) Diisopropyl ether	5.92	45	425151	50.833	ug/l	97
23) Vinyl Acetate	5.86	43	1786404	261.781	ug/l	100
24) 1,1-Dichloroethane	5.82	63	228994	50.224	ug/l	99
25) 2-Butanone	6.80	43	427577	261.381	ug/l	100
26) 2,2-Dichloropropane	6.80	77	170789	47.609	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	135810	49.819	ug/l	100
28) Bromochloromethane	7.17	49	110553	50.679	ug/l	100
29) Tetrahydrofuran	7.18	42	293976	253.992	ug/l	100
30) Chloroform	7.35	83	219841	50.296	ug/l	97
31) Cyclohexane	7.63	56	219835	47.826	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	186897	49.600	ug/l	98
36) 1,1-Dichloropropene	7.77	75	172332	50.950	ug/l	100
37) Ethyl Acetate	6.90	43	184343	50.440	ug/l	98
38) Carbon Tetrachloride	7.75	117	153447	50.618	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	200429	49.864	ug/l	99
40) Benzene	8.02	78	513934	50.334	ug/l	99
41) Methacrylonitrile	7.18	41	263377	168.861	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	176681	50.633	ug/l	99
43) Isopropyl Acetate	8.14	43	311183	51.629	ug/l	99
44) Trichloroethene	8.82	130	131419	51.057	ug/l	100
45) 1,2-Dichloropropane	9.10	63	137853	51.166	ug/l	98
46) Dibromomethane	9.19	93	82876	50.881	ug/l	99
47) Bromodichloromethane	9.39	83	172968	51.103	ug/l	98
48) Methyl methacrylate	9.18	41	137549	51.257	ug/l	98
49) 1,4-Dioxane	9.18	88	32276	1011.881	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	914817	266.725	ug/l	100
52) Toluene	10.14	92	311711	50.549	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	200463	51.560	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	214700	50.337	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	119754	50.480	ug/l	100
56) Ethyl methacrylate	10.42	69	195185	52.767	ug/l	100
57) 1,3-Dichloropropane	10.70	76	209321	50.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	502540	273.350	ug/l	100
59) 2-Hexanone	10.74	43	662152	268.004	ug/l	100
60) Dibromochloromethane	10.89	129	125560	51.239	ug/l	100
61) 1,2-Dibromoethane	11.00	107	123446	51.749	ug/l	99
64) Tetrachloroethene	10.62	164	125671	49.928	ug/l	99
65) Chlorobenzene	11.43	112	316720	49.948	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	117019	50.970	ug/l	98
67) Ethyl Benzene	11.50	91	595039	50.461	ug/l	99
68) m/p-Xylenes	11.62	106	443773	101.272	ug/l	100
69) o-Xylene	11.94	106	212510	50.802	ug/l	100
70) Styrene	11.96	104	355187	51.917	ug/l	100
71) Bromoform	12.12	173	89267	46.890	ug/l #	99
73) Isopropylbenzene	12.24	105	564825	49.609	ug/l	100
74) N-amyl acetate	12.06	43	273255	51.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	171811	49.901	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	234053	71.496	ug/l #	100
77) Bromobenzene	12.52	156	135166	49.268	ug/l	99
78) n-propylbenzene	12.59	91	668140	49.671	ug/l	99
79) 2-Chlorotoluene	12.67	91	389095	48.412	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	474127	49.071	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	62652	49.153	ug/l	98
82) 4-Chlorotoluene	12.77	91	403820	49.333	ug/l	100
83) tert-Butylbenzene	12.99	119	391927	48.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	477178	49.921	ug/l	100
85) sec-Butylbenzene	13.17	105	531621	49.359	ug/l	99
86) p-Isopropyltoluene	13.28	119	474555	48.999	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	239408	49.477	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	237785	48.913	ug/l	99
89) n-Butylbenzene	13.61	91	431243	49.318	ug/l	100
90) Hexachloroethane	13.87	117	68925	48.959	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	229755	49.658	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	35206	48.812	ug/l	100

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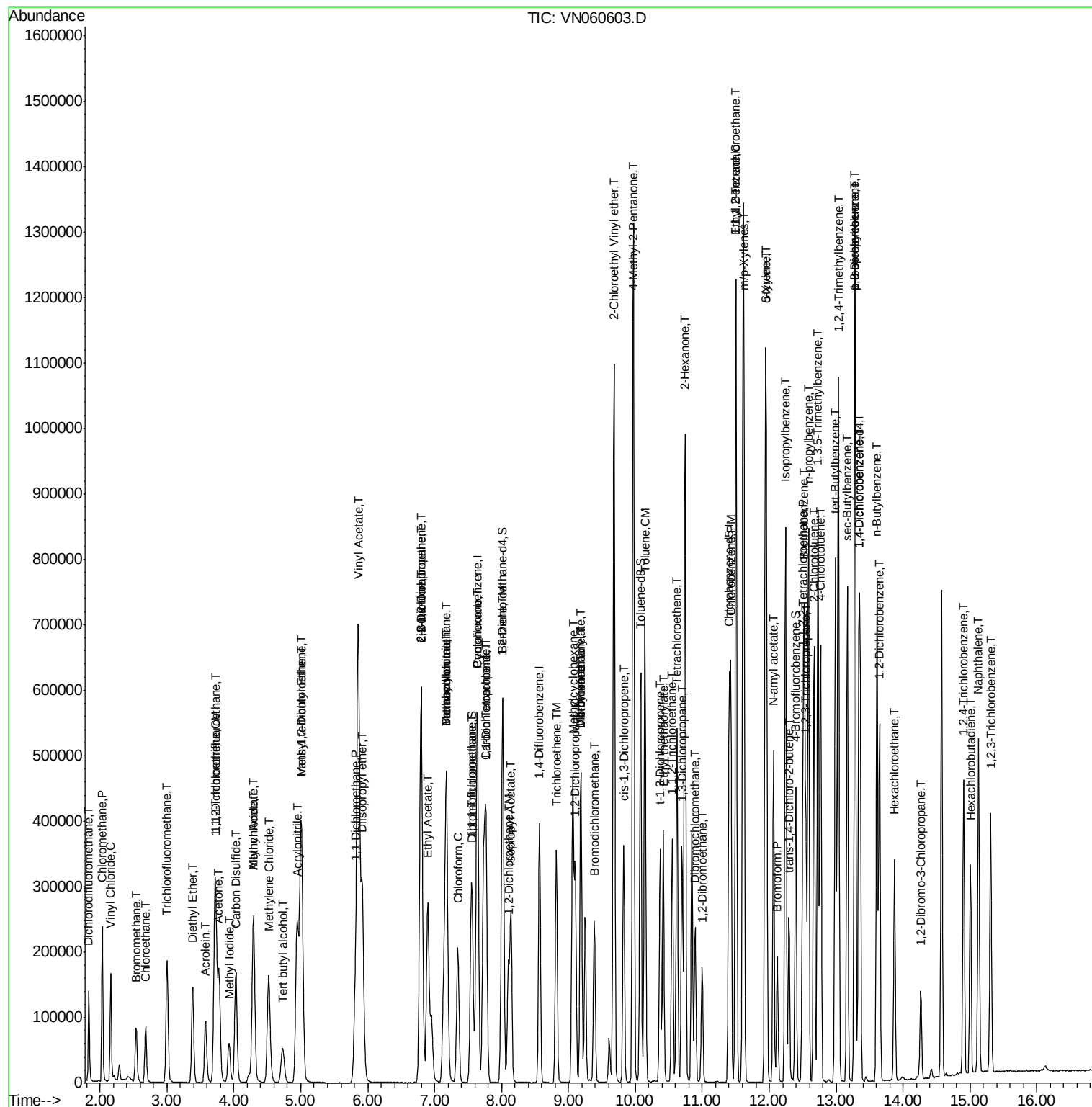
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	142726	50.233	ug/l	99
94) Hexachlorobutadiene	15.01	225	64010	45.956	ug/l	99
95) Naphthalene	15.13	128	433695	50.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	134958	48.224	ug/l	99

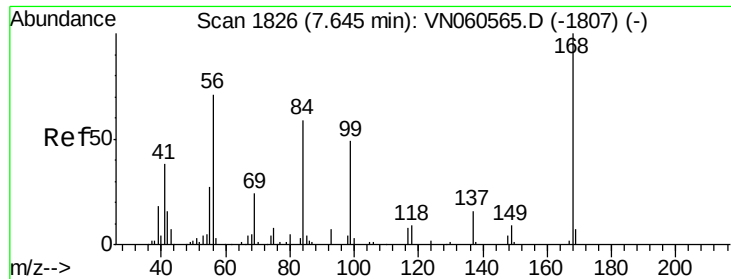
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

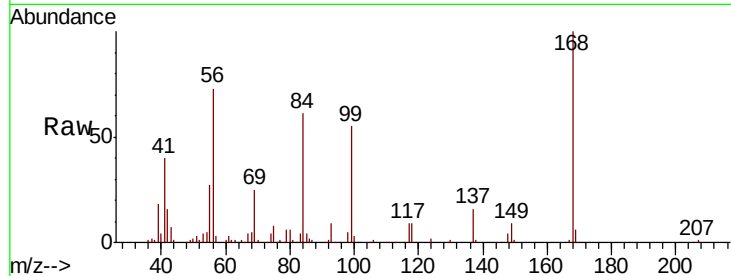
VSTDCCC050EC

Tot Ion:168 Resp: 207895

Ion Ratio Lower Upper

168 100

99 54.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

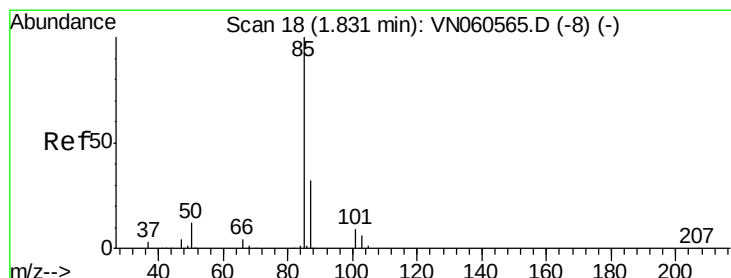
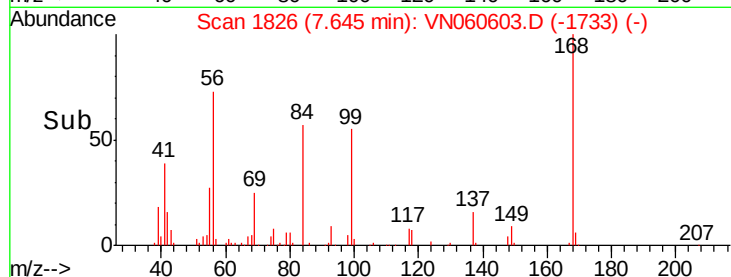
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.228 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060603.D

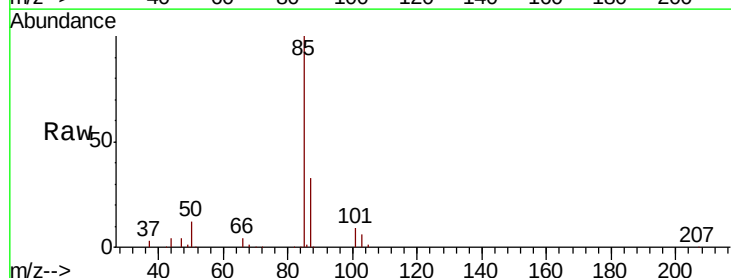
Acq: 18 Mar 2020 19:27

Tgt Ion: 85 Resp: 103049

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

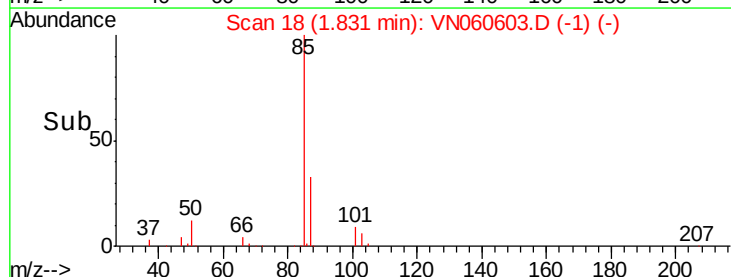
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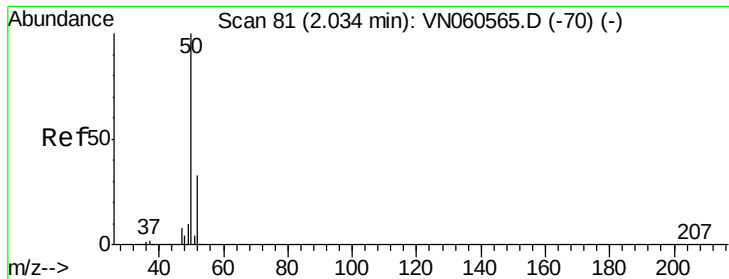
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.081 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

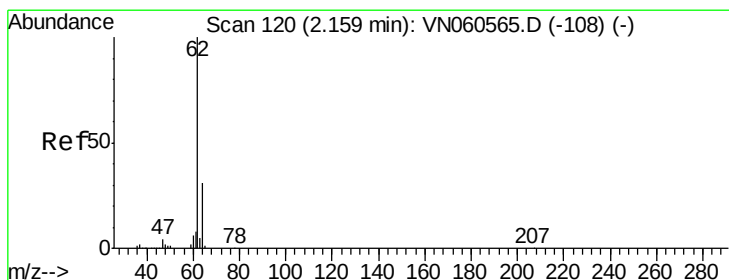
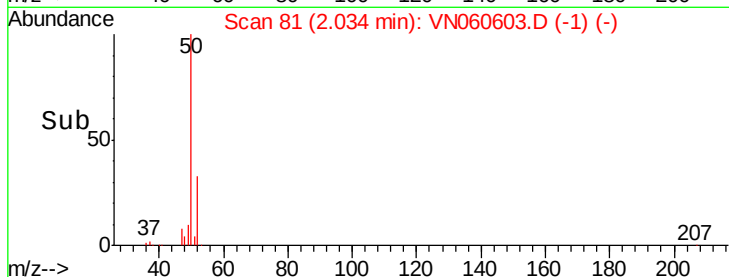
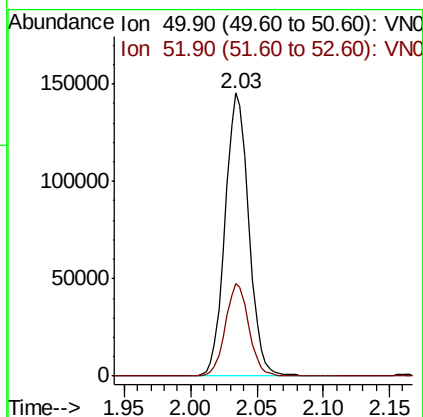
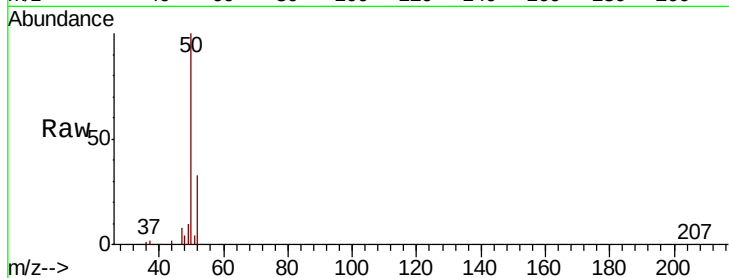
VSTDCCC050EC

Tot Ion: 50 Resp: 180636

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 49.899 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN060603.D

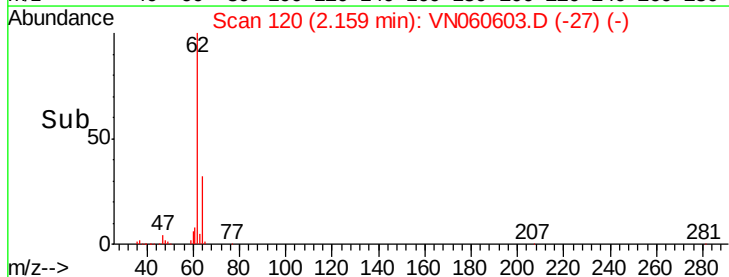
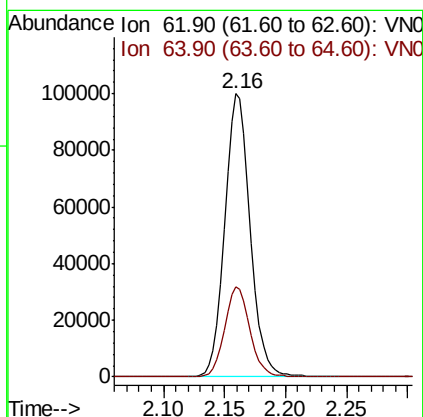
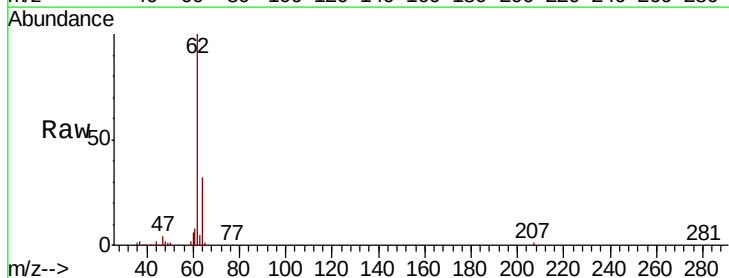
Acq: 18 Mar 2020 19:27

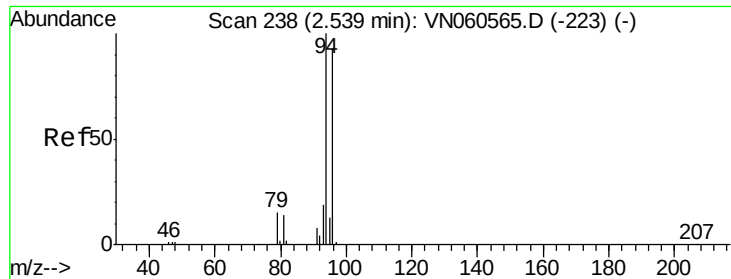
Tgt Ion: 62 Resp: 146629

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1

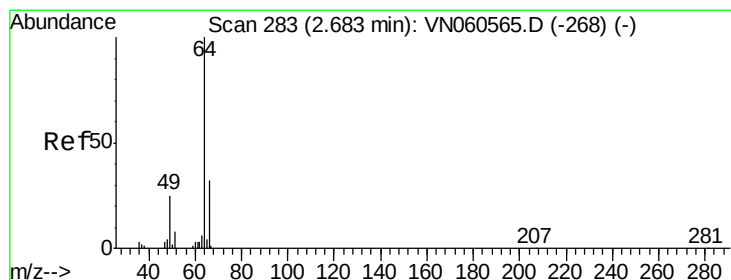
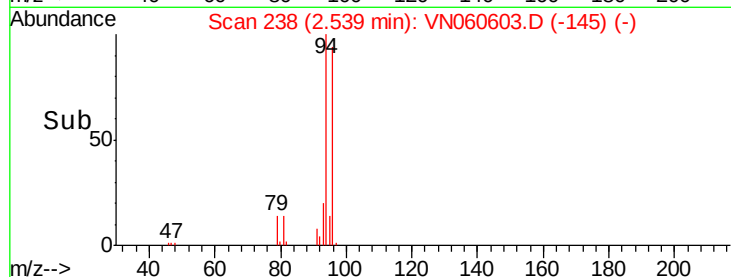
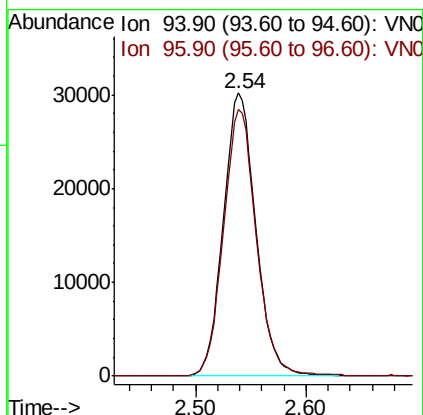
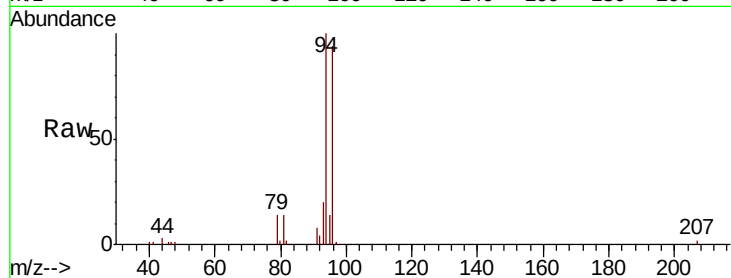




#5
 Bromomethane
 Concen: 48.564 ug/l
 RT: 2.54 min Scan# 238
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

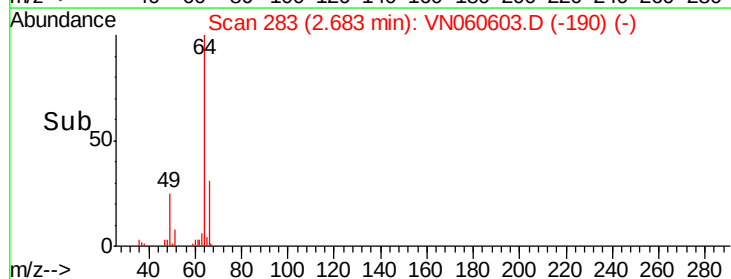
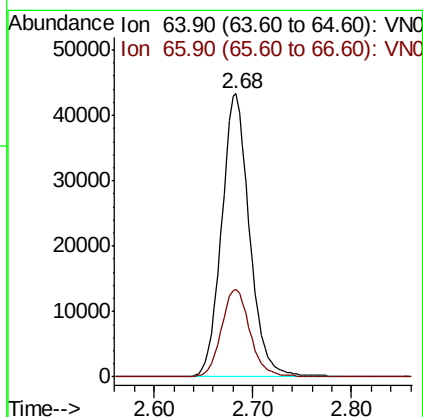
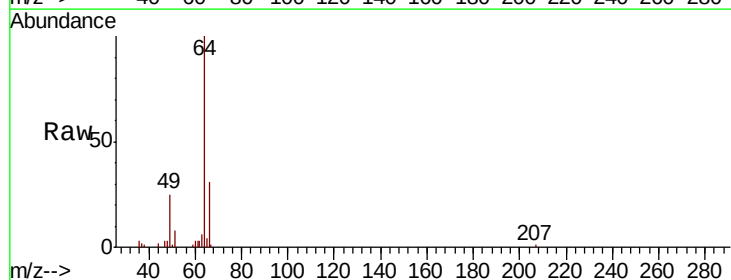
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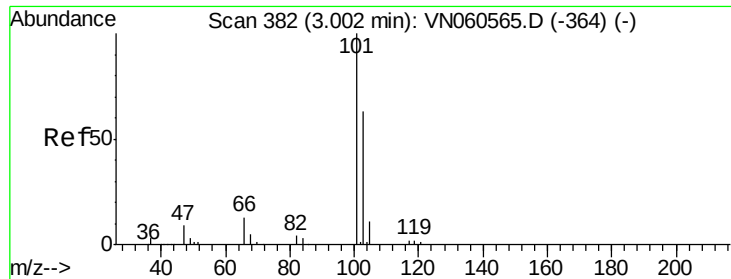
Tot Ion: 94 Resp: 61604
 Ion Ratio Lower Upper
 94 100
 96 94.1 74.6 112.0



#6
 Chloroethane
 Concen: 50.592 ug/l
 RT: 2.68 min Scan# 283
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion: 64 Resp: 85638
 Ion Ratio Lower Upper
 64 100
 66 30.8 25.3 37.9



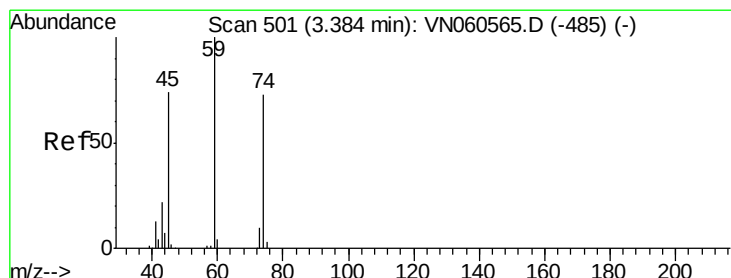
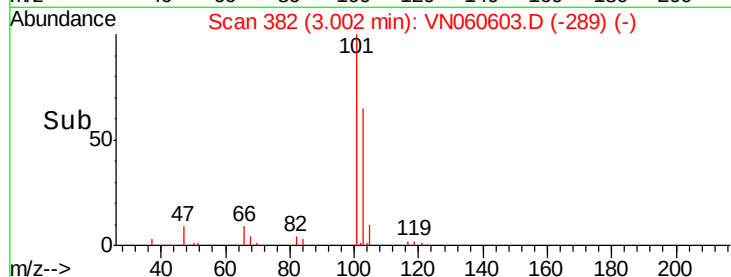
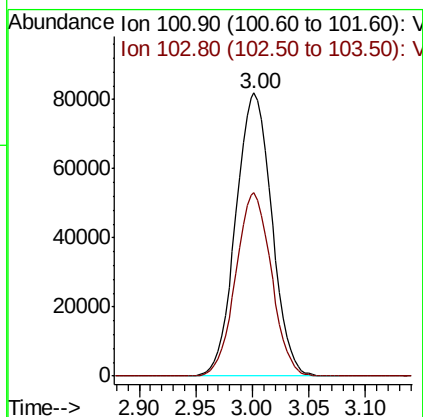
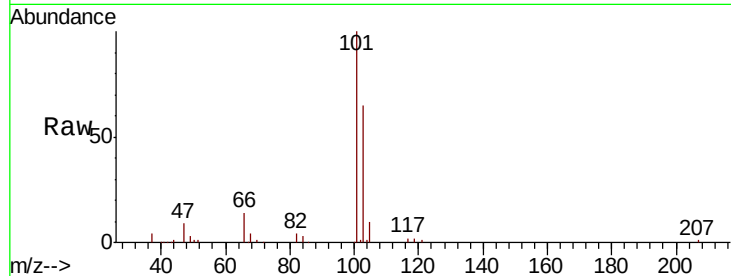


#7

Trichlorofluoromethane
 Concen: 50.129 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Instrument :
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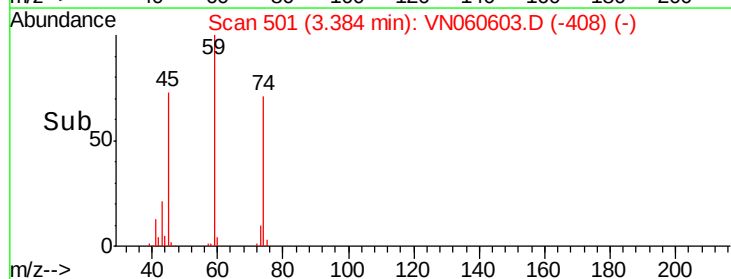
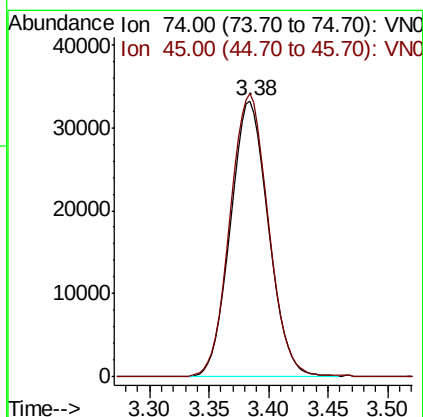
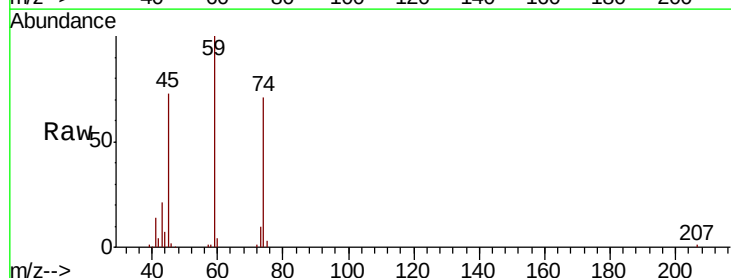
Tot Ion:101 Resp: 181458
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 76.0

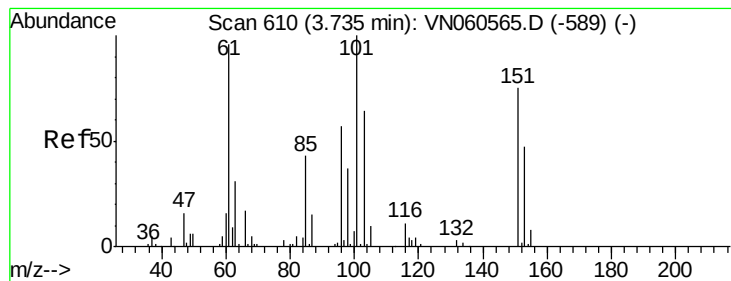


#8

Diethyl Ether
 Concen: 50.620 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion: 74 Resp: 73610
 Ion Ratio Lower Upper
 74 100
 45 103.7 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.981 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

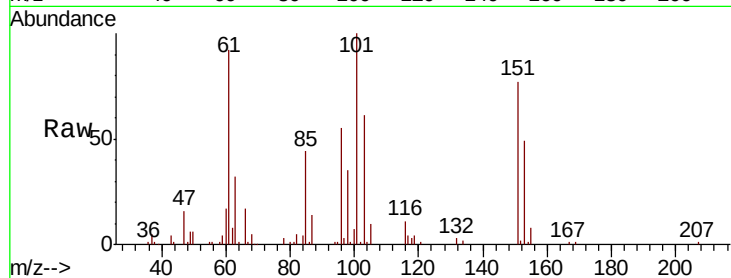
Tot Ion:101 Resp: 104834

Ion Ratio Lower Upper

101 100

85 43.9 35.6 53.4

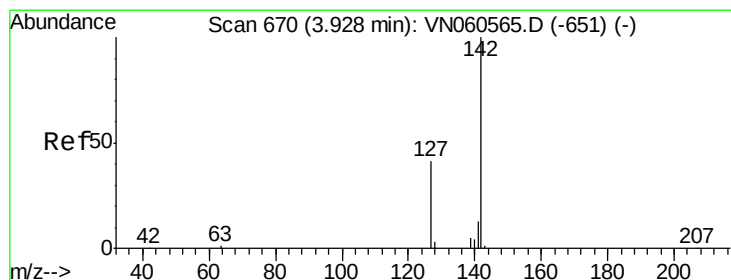
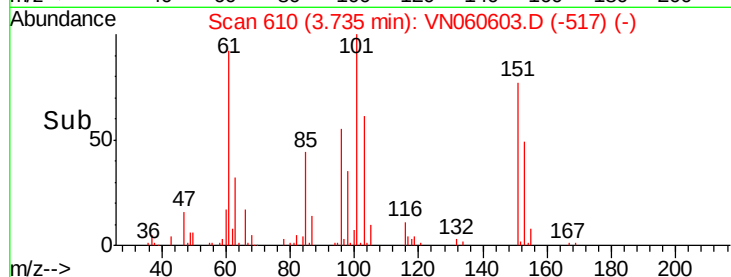
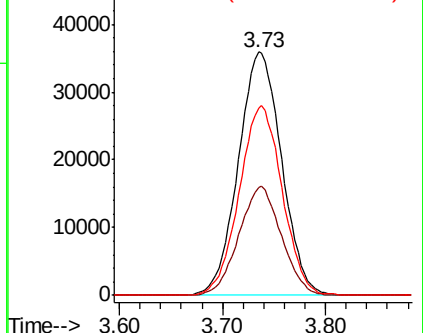
151 77.2 61.4 92.2



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: 52.539 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

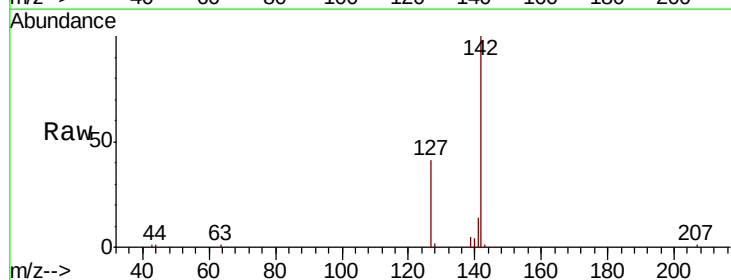
Tgt Ion:142 Resp: 98059

Ion Ratio Lower Upper

142 100

127 41.7 33.5 50.3

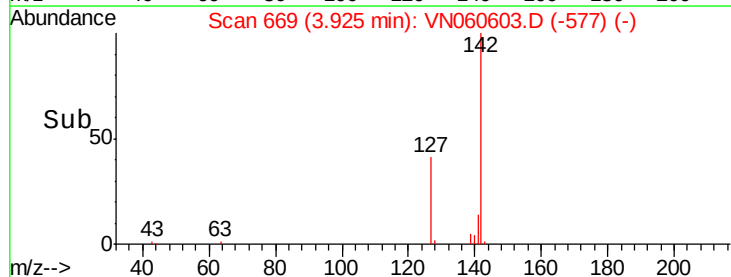
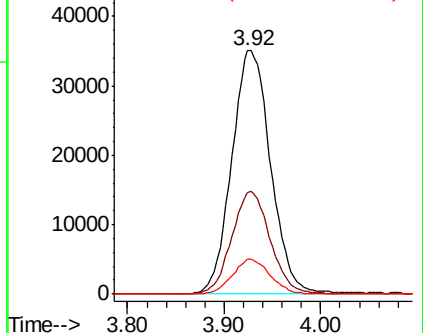
141 13.7 11.0 16.6

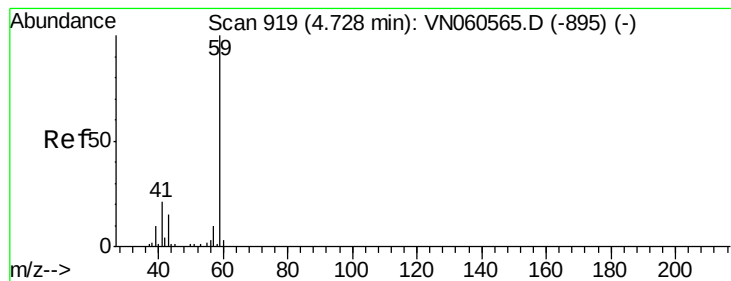


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



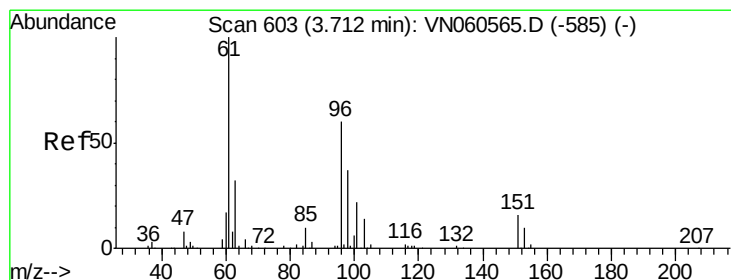
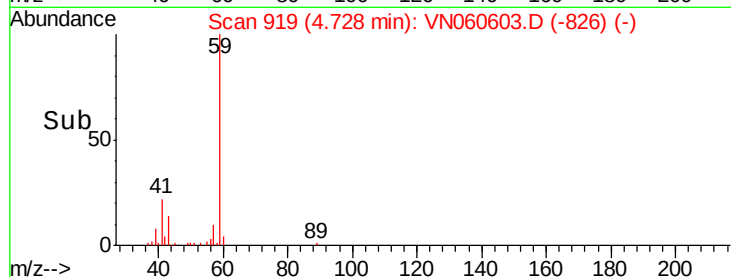
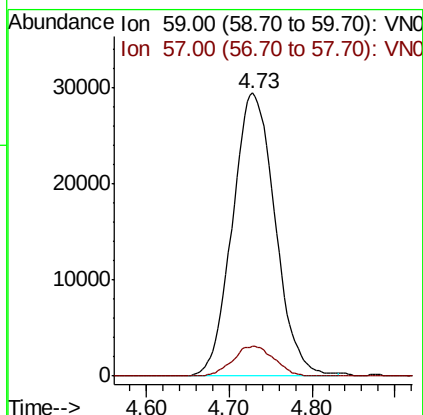
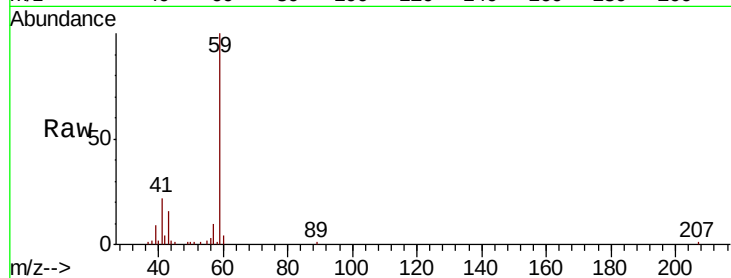


#11

Tert butyl alcohol
Concen: 250.995 ug/l
RT: 4.73 min Scan# 919
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

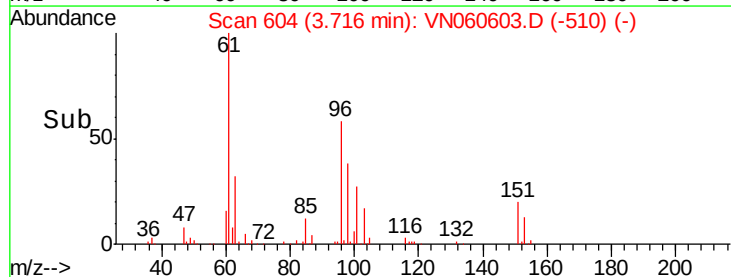
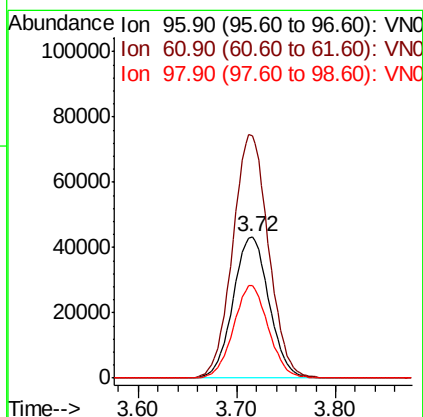
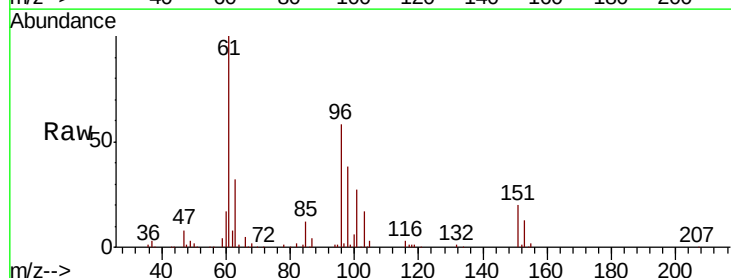
Tot Ion: 59 Resp: 105348
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

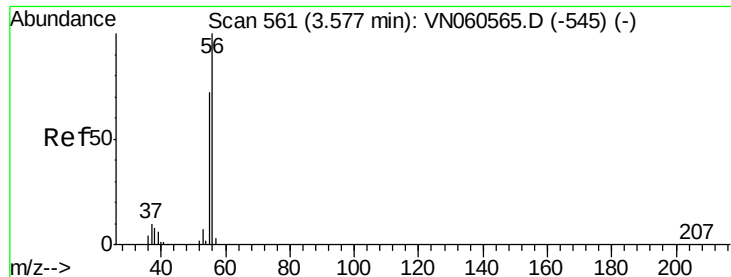


#12

1,1-Dichloroethene
Concen: 48.811 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion: 96 Resp: 109867
Ion Ratio Lower Upper
96 100
61 171.4 134.1 201.1
98 65.3 49.9 74.9





#13

Acrolein

Concen: 230.994 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

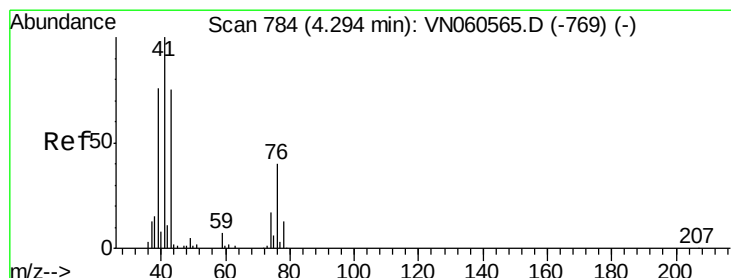
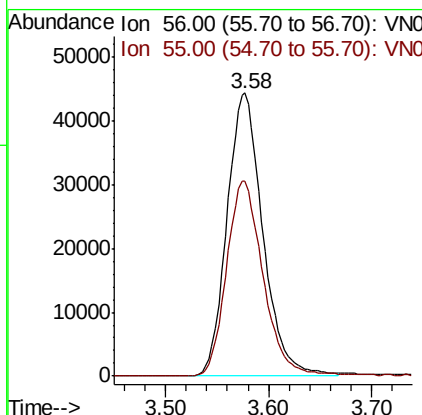
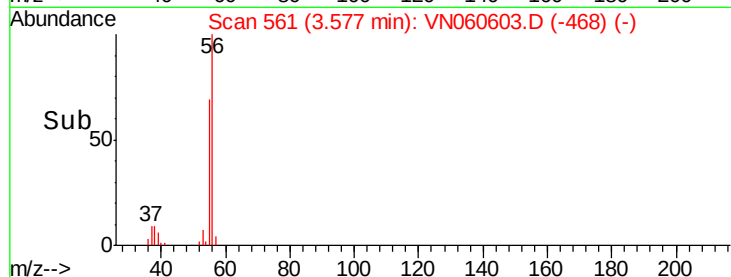
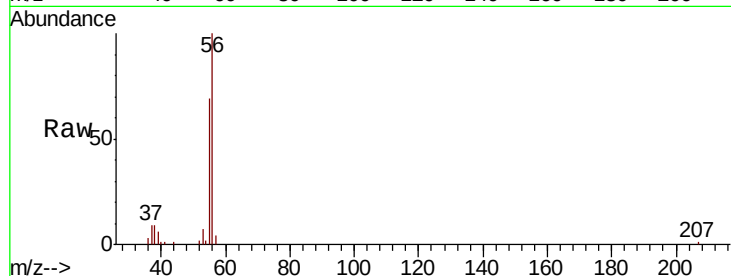
VSTDCCC050EC

Tot Ion: 56 Resp: 107453

Ion Ratio Lower Upper

56 100

55 70.8 56.7 85.1



#14

Allyl chloride

Concen: 48.489 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

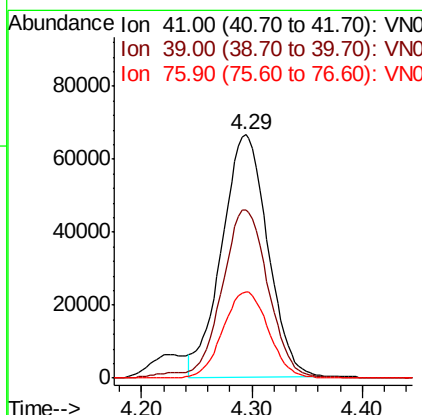
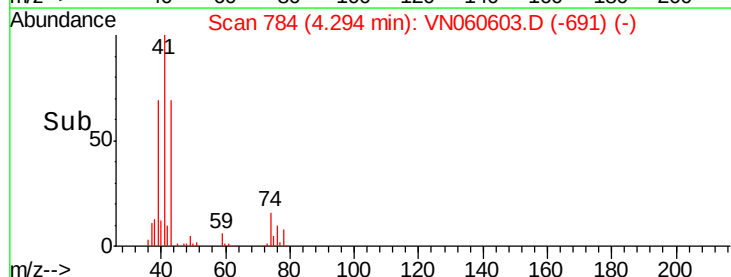
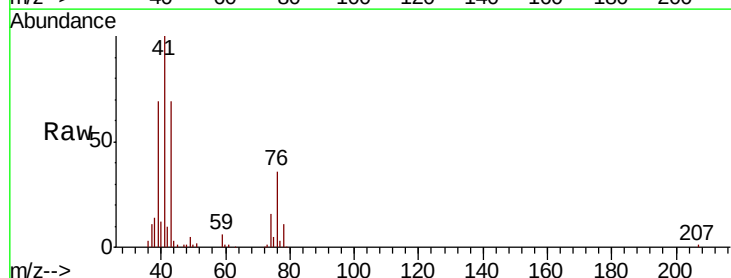
Tgt Ion: 41 Resp: 191958

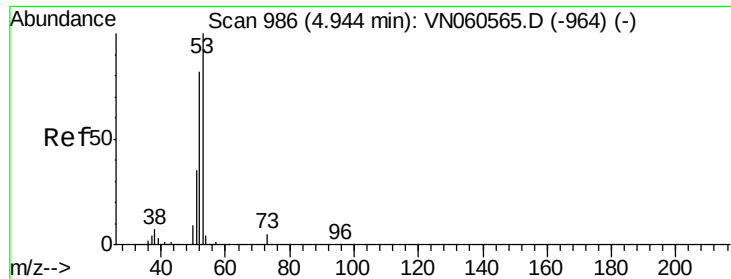
Ion Ratio Lower Upper

41 100

39 68.3 57.8 86.8

76 35.3 28.6 43.0





#15

Acrylonitrile

Concen: 257.895 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

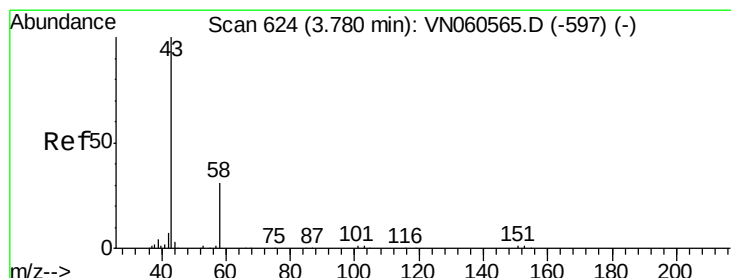
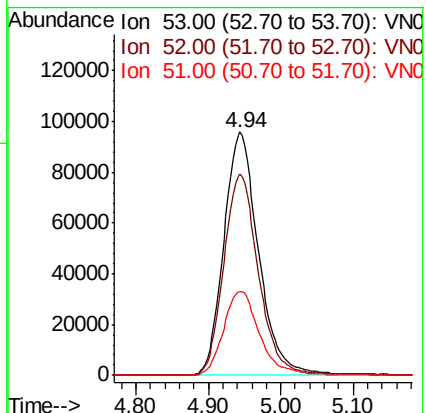
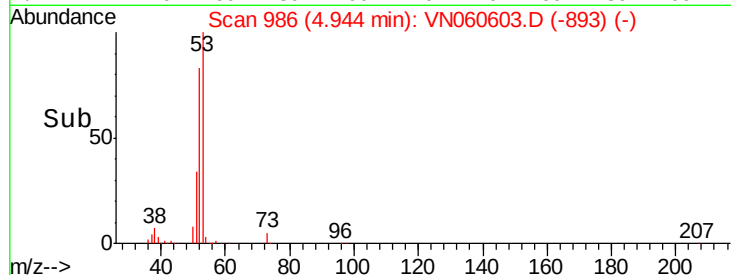
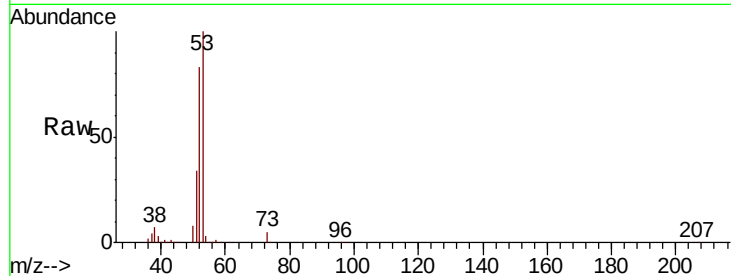
Tot Ion: 53 Resp: 318302

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.4

51 36.0 28.7 43.1



#16

Acetone

Concen: 254.447 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060603.D

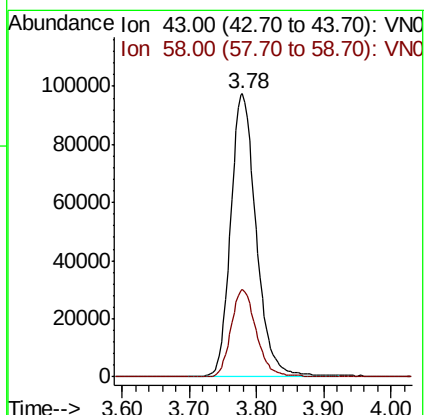
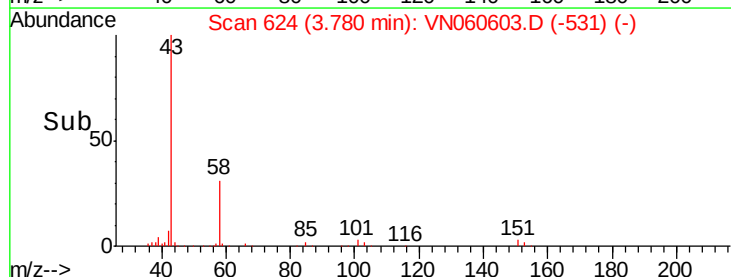
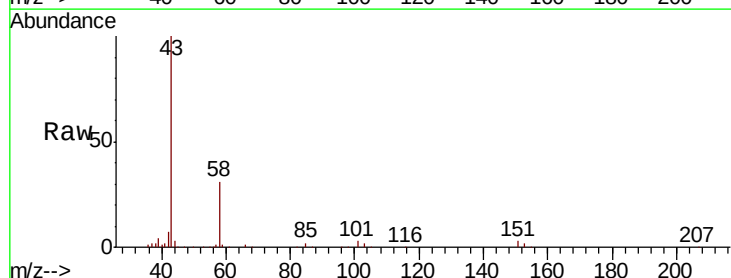
Acq: 18 Mar 2020 19:27

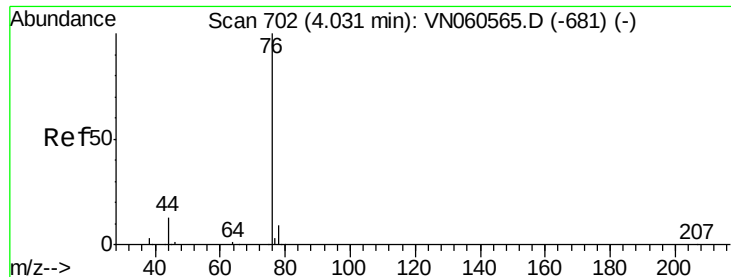
Tgt Ion: 43 Resp: 257225

Ion Ratio Lower Upper

43 100

58 30.9 25.1 37.7





#17

Carbon Disulfide

Concen: 49.054 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

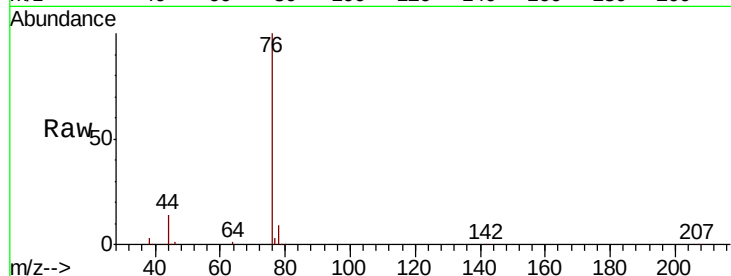
VSTDCCC050EC

Tot Ion: 76 Resp: 335798

Ion Ratio Lower Upper

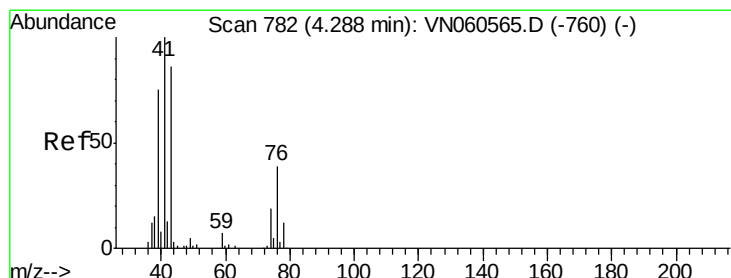
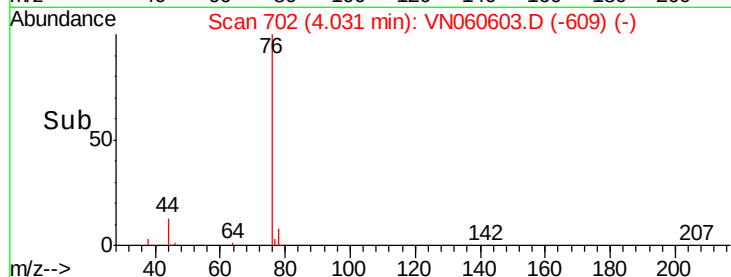
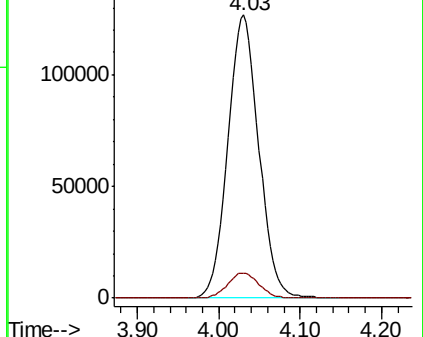
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060603.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060603.D (-609) (-)



#18

Methyl Acetate

Concen: 50.295 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060603.D

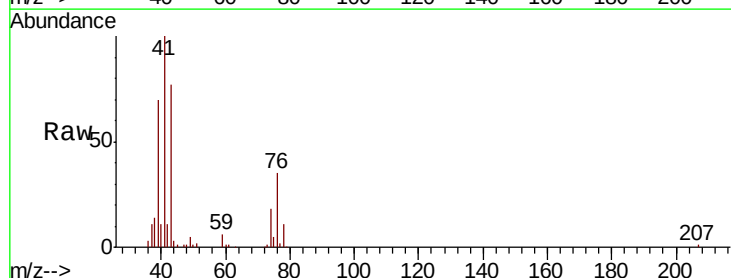
Acq: 18 Mar 2020 19:27

Tgt Ion: 43 Resp: 143112

Ion Ratio Lower Upper

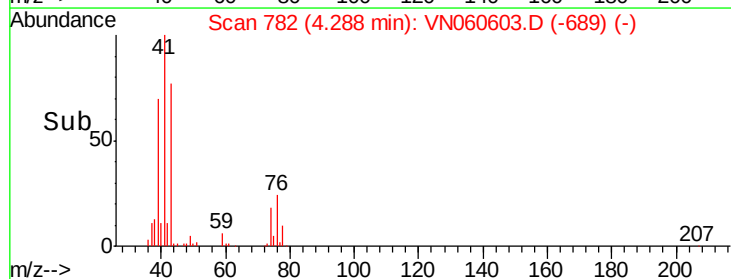
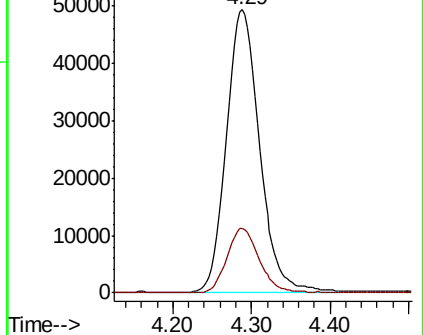
43 100

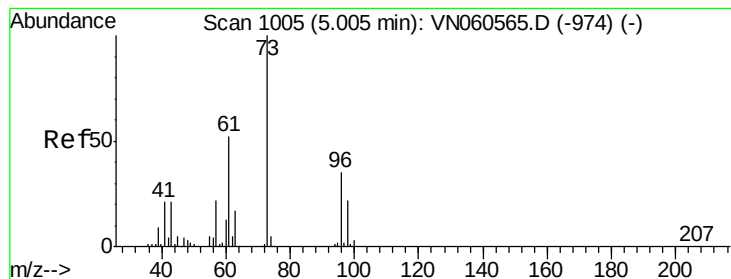
74 22.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060603.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060603.D (-689) (-)





#19

Methyl tert-butyl Ether

Concen: 49.342 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

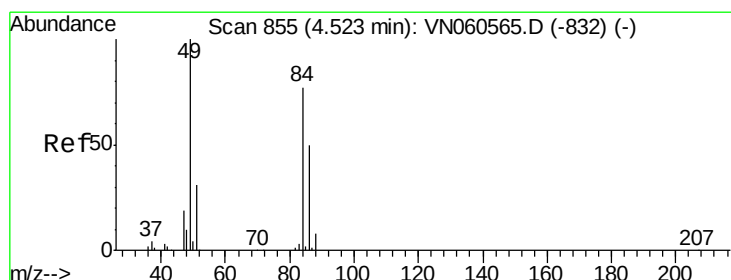
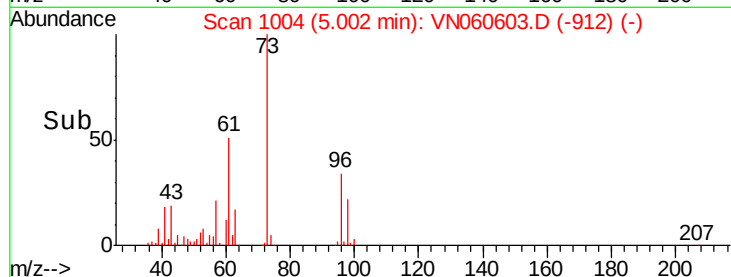
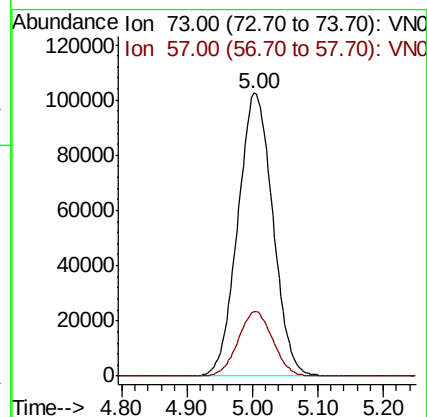
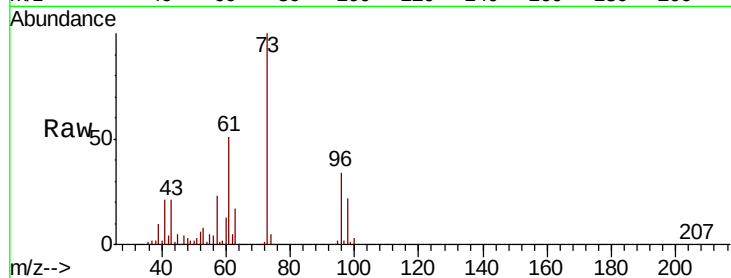
VSTDCCC050EC

Tot Ion: 73 Resp: 381840

Ion Ratio Lower Upper

73 100

57 22.9 17.5 26.3



#20

Methylene Chloride

Concen: 49.778 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Tgt Ion: 84 Resp: 123788

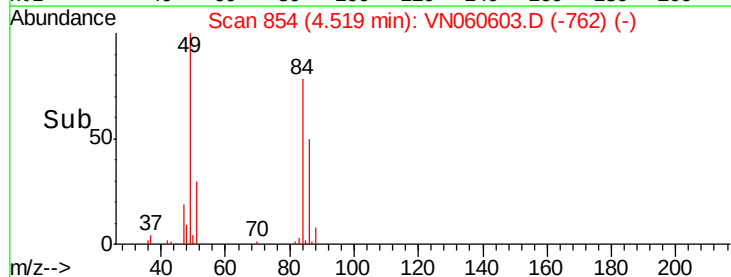
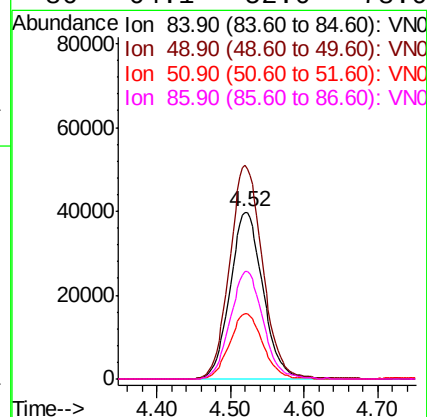
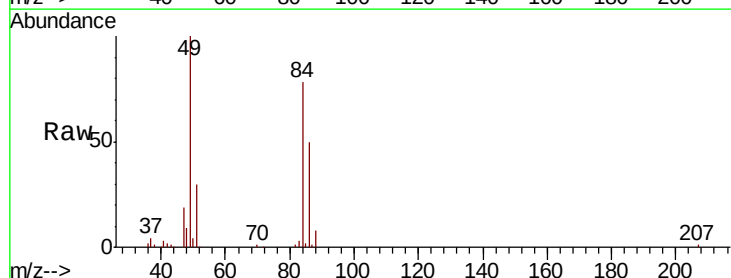
Ion Ratio Lower Upper

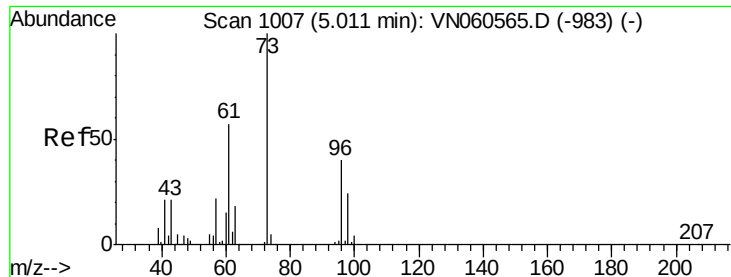
84 100

49 127.9 103.3 154.9

51 39.0 31.6 47.4

86 64.1 52.0 78.0

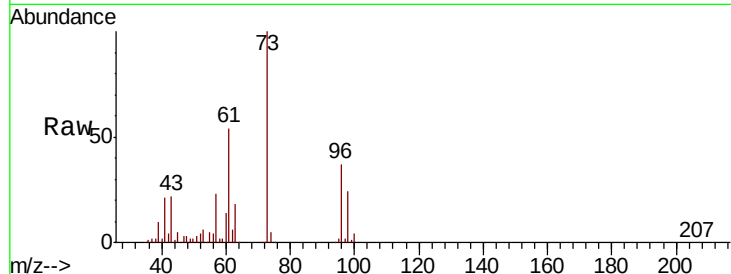




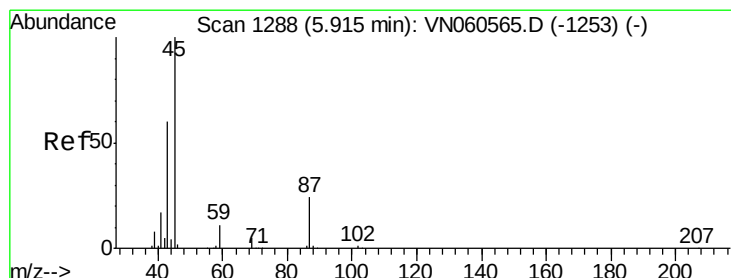
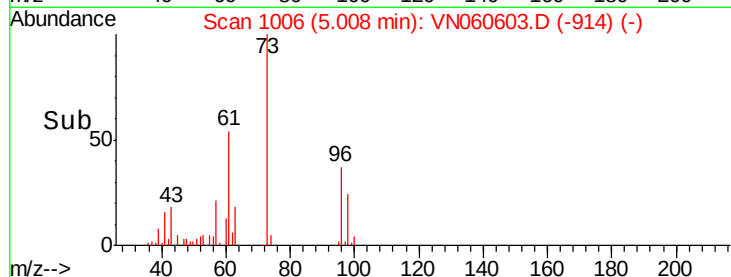
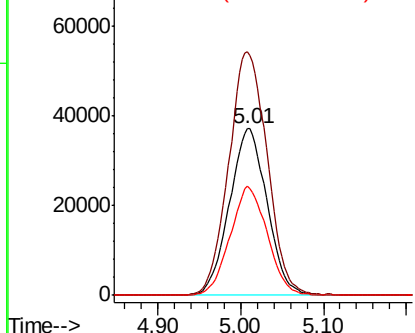
#21
trans-1,2-Dichloroethene
Concen: 49.111 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 117813
Ion Ratio Lower Upper
96 100
61 145.8 114.4 171.6
98 65.4 48.4 72.6

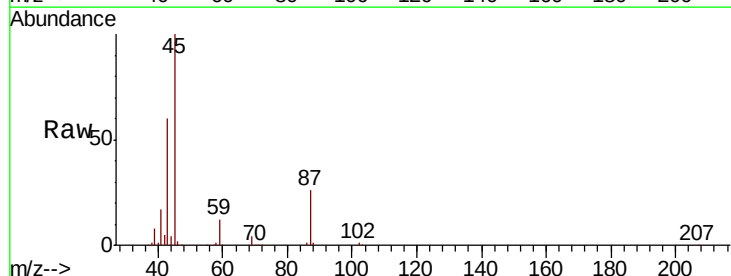


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

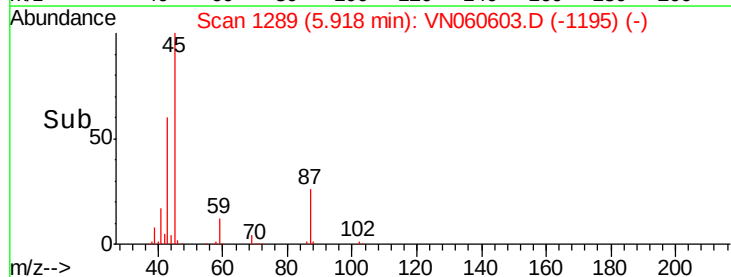
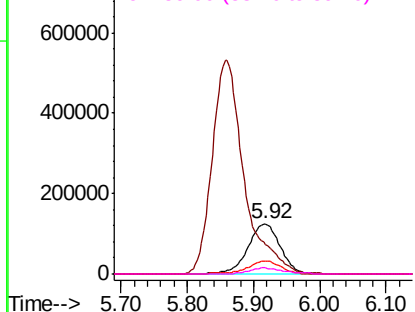


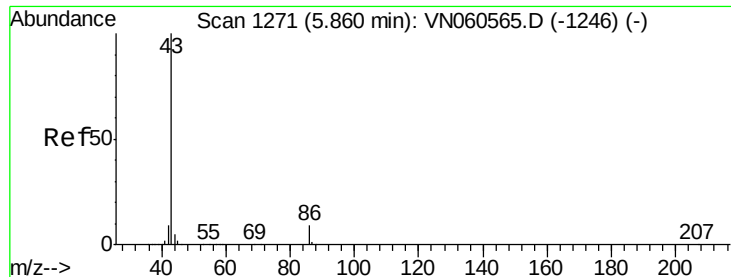
#22
Diisopropyl ether
Concen: 50.833 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion: 45 Resp: 425151
Ion Ratio Lower Upper
45 100
43 59.0 49.8 74.8
87 25.6 20.1 30.1
59 11.5 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 261.781 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

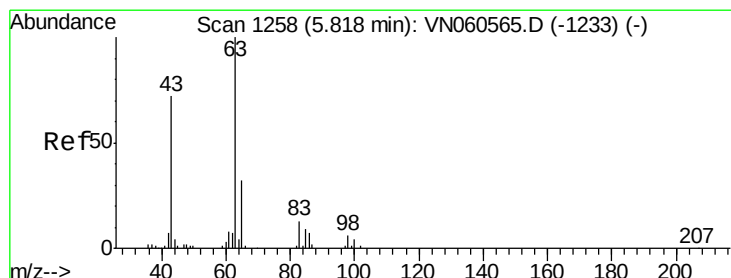
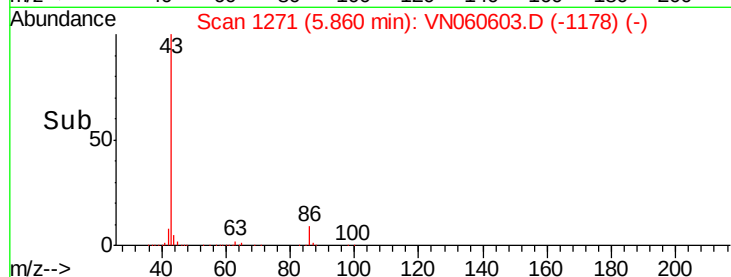
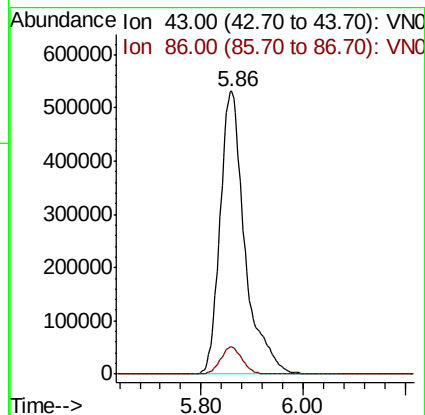
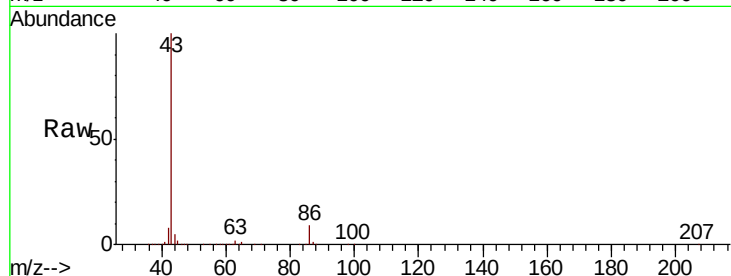
VSTDCCC050EC

Tot Ion: 43 Resp: 1786404

Ion Ratio Lower Upper

43 100

86 9.5 7.6 11.4



#24

1,1-Dichloroethane

Concen: 50.224 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

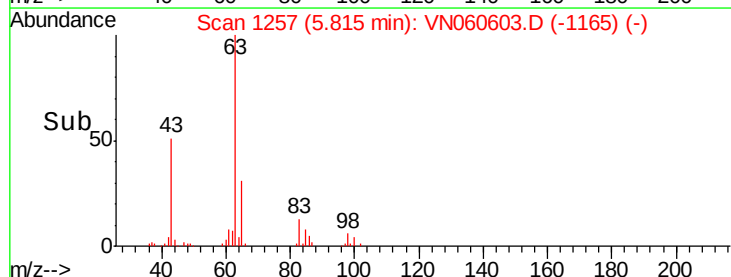
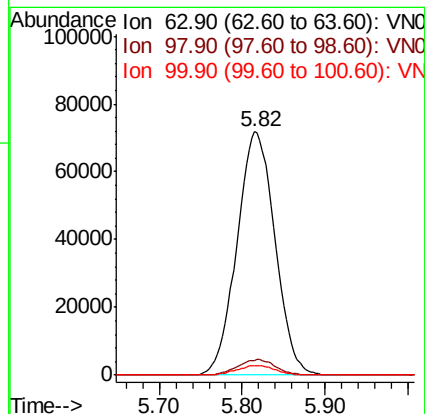
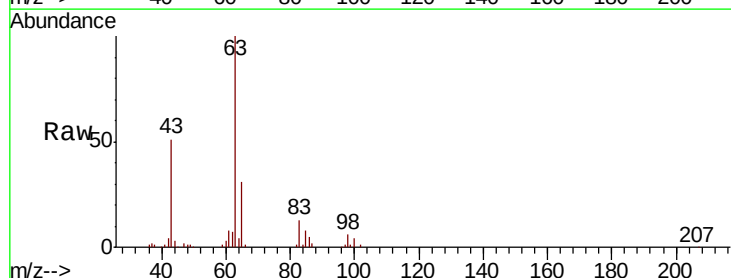
Tgt Ion: 63 Resp: 228994

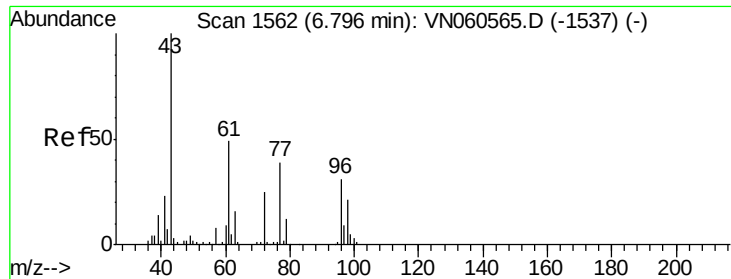
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 261.381 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

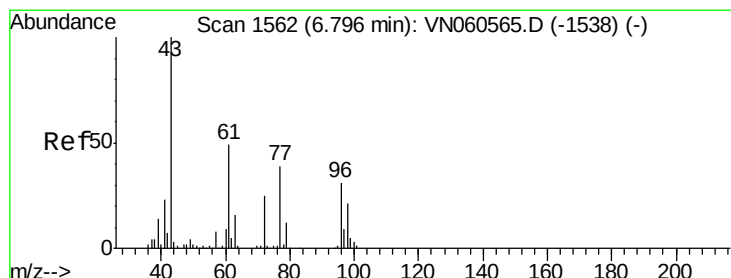
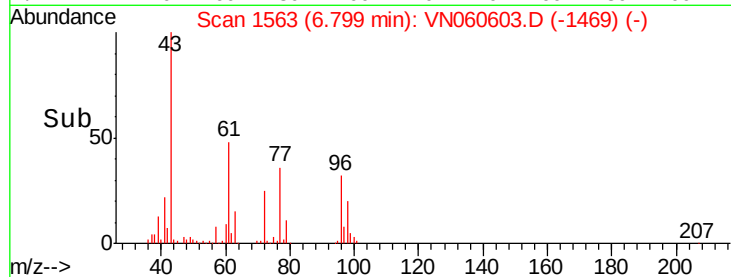
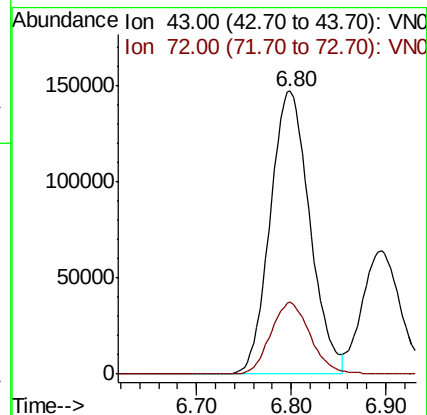
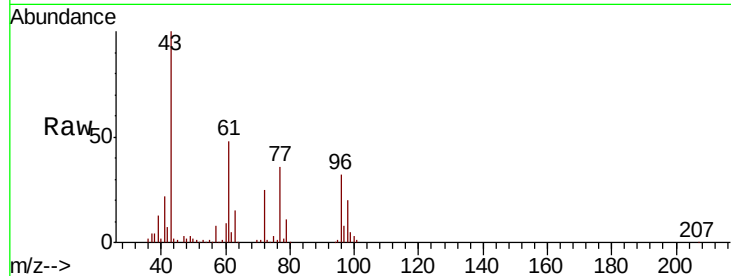
VSTDCCC050EC

Tot Ion: 43 Resp: 427577

Ion Ratio Lower Upper

43 100

72 25.4 20.4 30.6



#26

2,2-Dichloropropane

Concen: 47.609 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060603.D

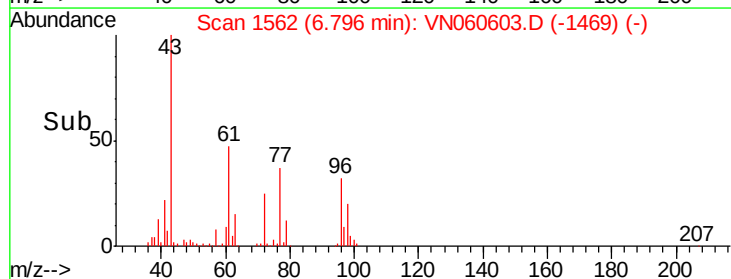
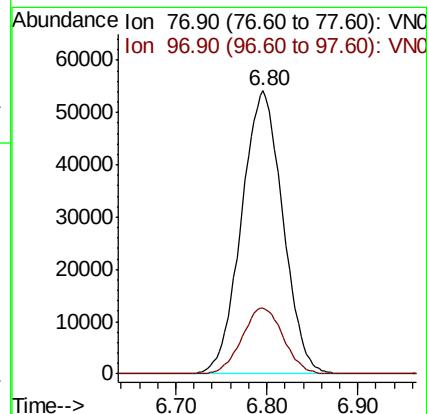
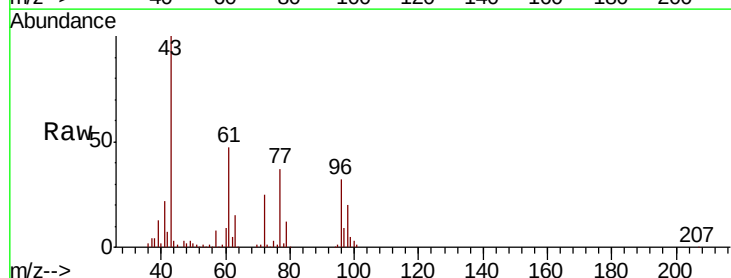
Acq: 18 Mar 2020 19:27

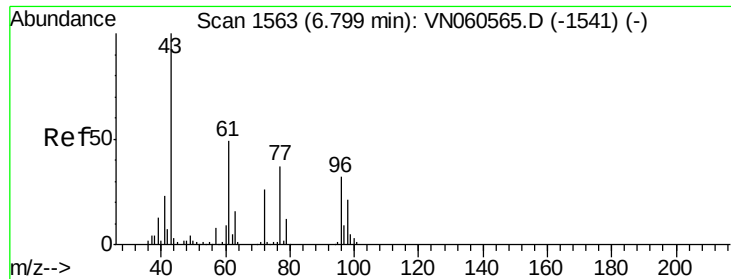
Tgt Ion: 77 Resp: 170789

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.819 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

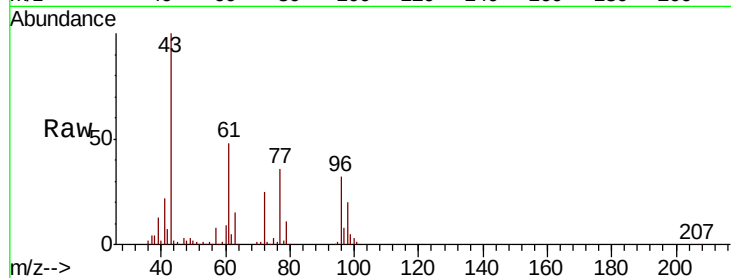
Tot Ion: 96 Resp: 135810

Ion Ratio Lower Upper

96 100

61 153.2 0.0 305.6

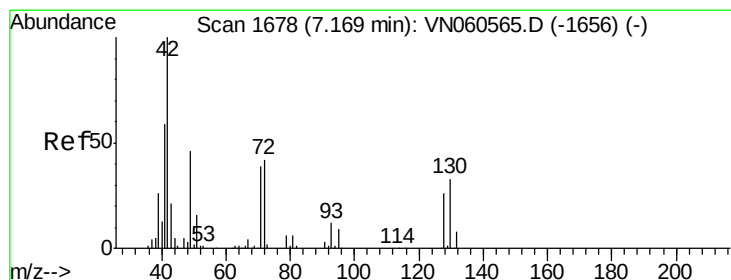
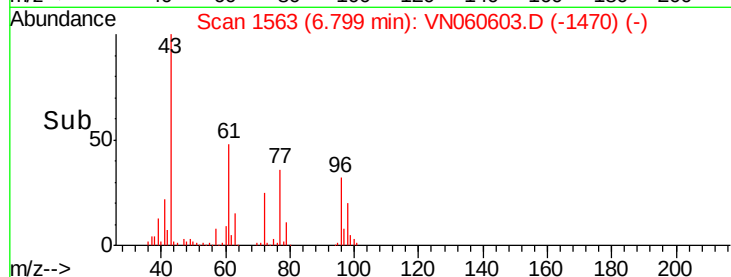
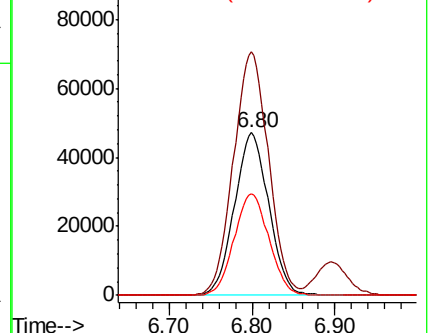
98 63.3 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.679 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

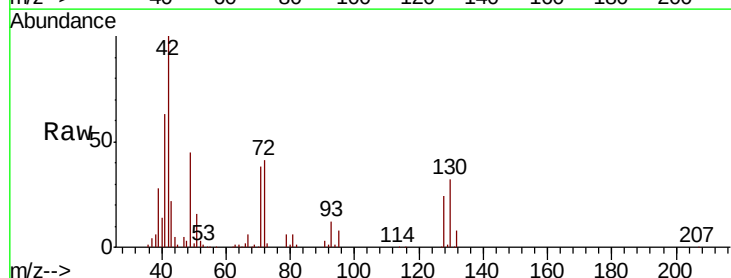
Tgt Ion: 49 Resp: 110553

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

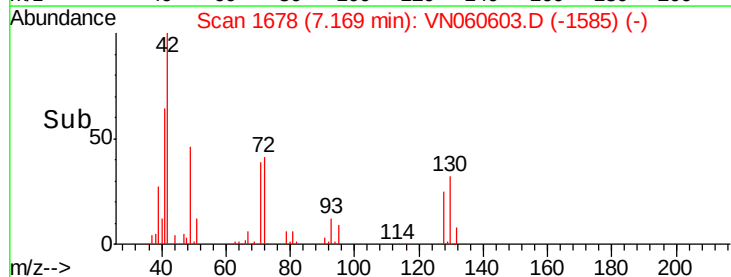
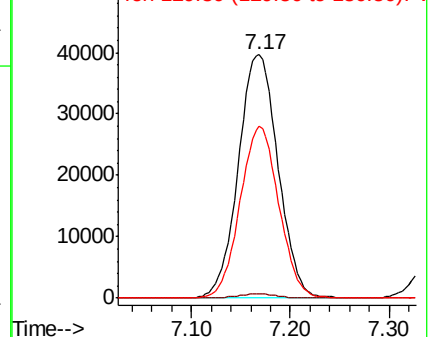
130 68.9 55.0 82.4

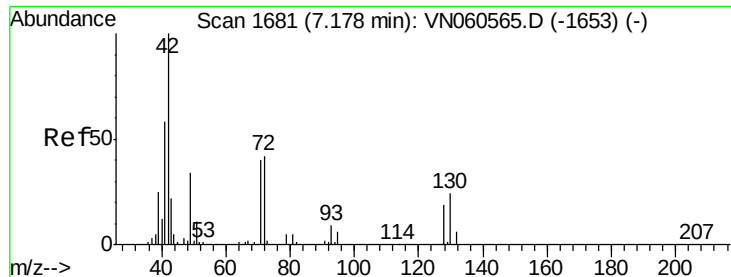


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

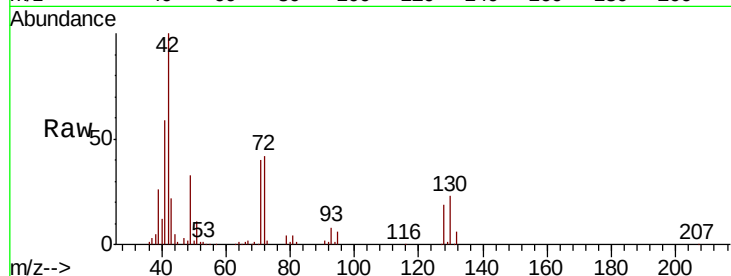




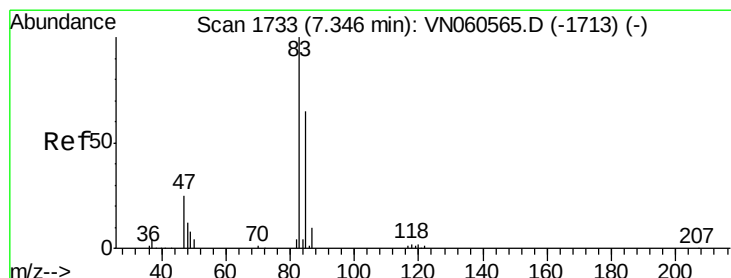
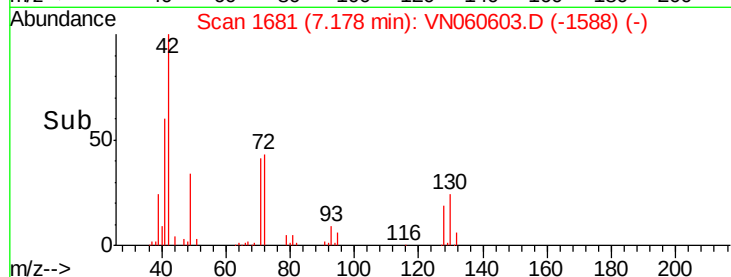
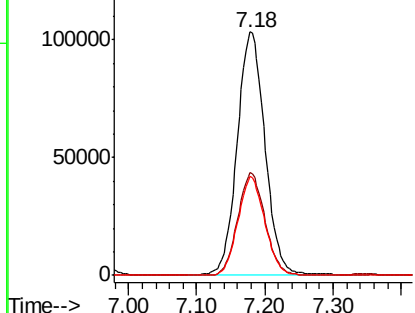
#29
Tetrahydrofuran
Concen: 253.992 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 293976
Ion Ratio Lower Upper
42 100
72 41.3 33.2 49.8
71 39.1 31.1 46.7

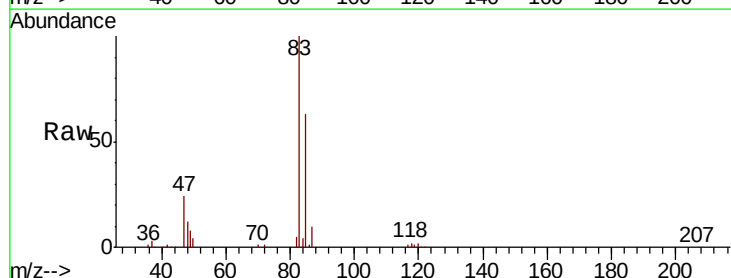


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

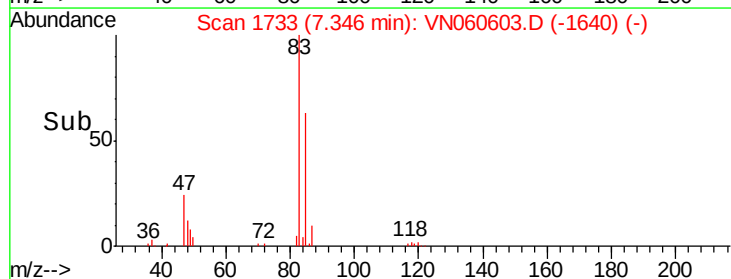
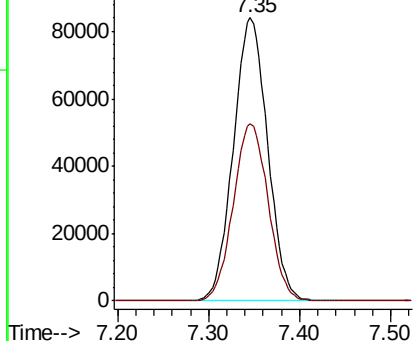


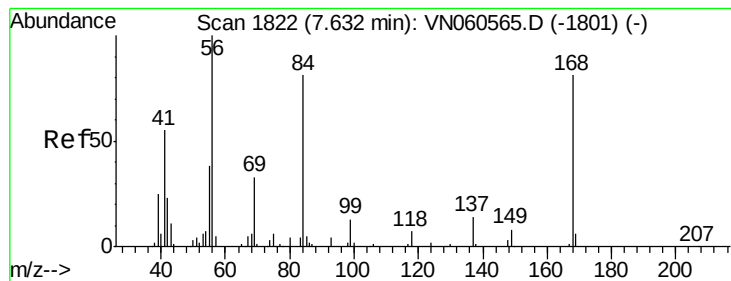
#30
Chloroform
Concen: 50.296 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion: 83 Resp: 219841
Ion Ratio Lower Upper
83 100
85 62.7 51.8 77.8



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





#31

Cyclohexane

Concen: 47.826 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

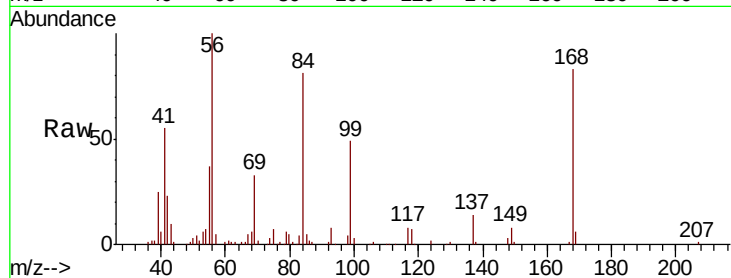
Tot Ion: 56 Resp: 219835

Ion Ratio Lower Upper

56 100

69 32.9 26.6 40.0

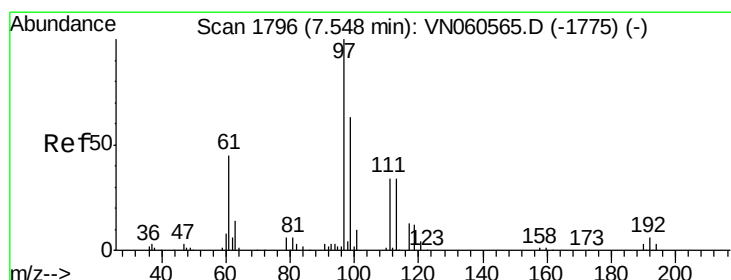
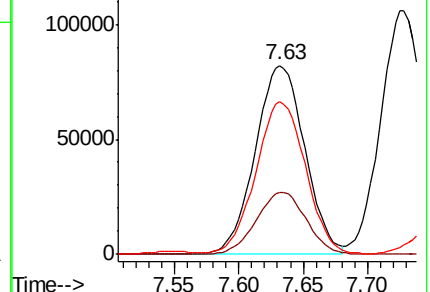
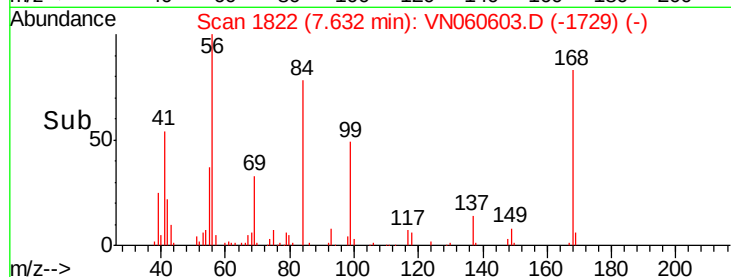
84 79.9 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060603.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060603.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060603.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 49.600 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

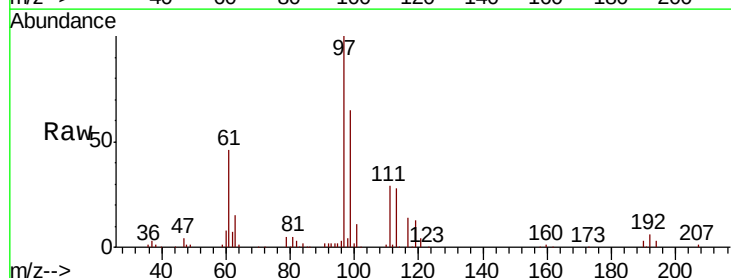
Tgt Ion: 97 Resp: 186897

Ion Ratio Lower Upper

97 100

99 65.3 50.6 75.8

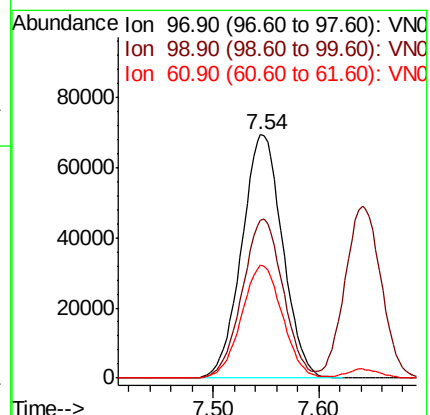
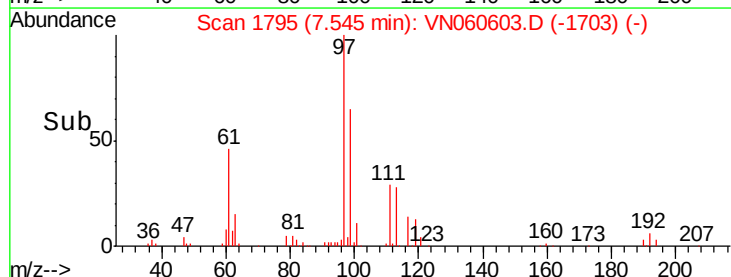
61 46.3 36.2 54.4

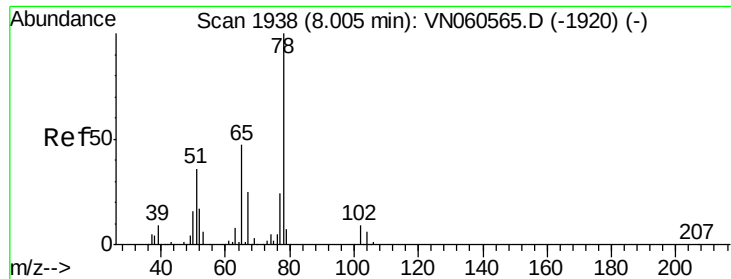


Abundance Ion 96.90 (96.60 to 97.60): VN060603.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060603.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060603.D (-1703) (-)

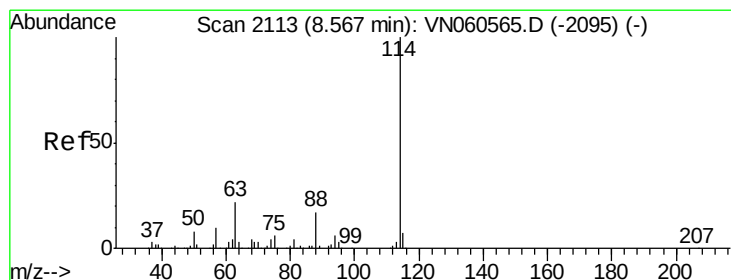
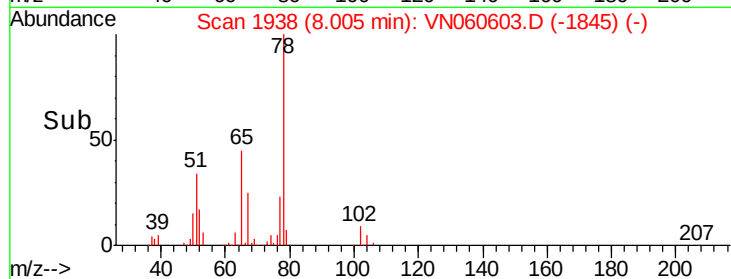
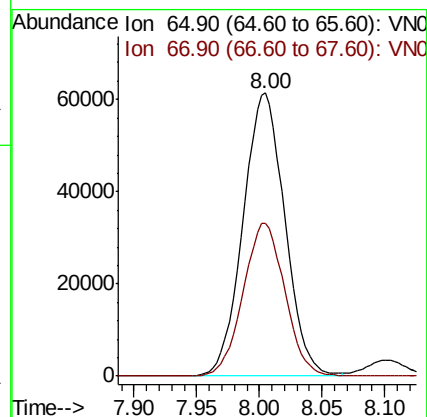
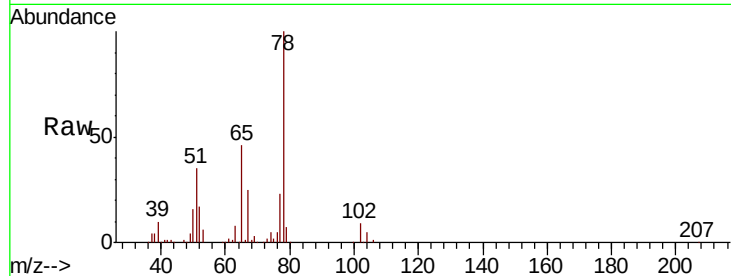




#33
 1,2-Dichloroethane-d4
 Concen: 49.888 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

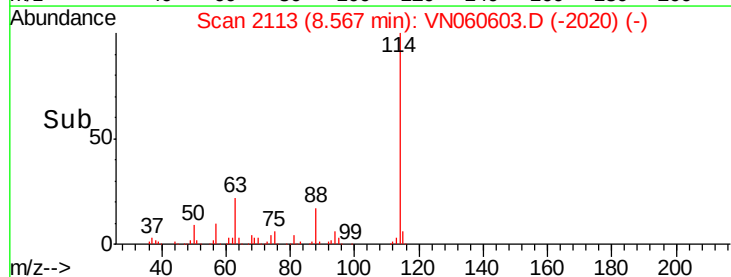
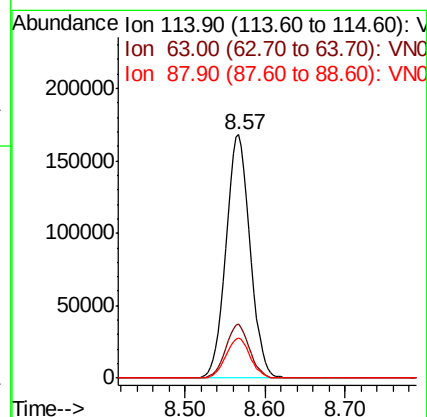
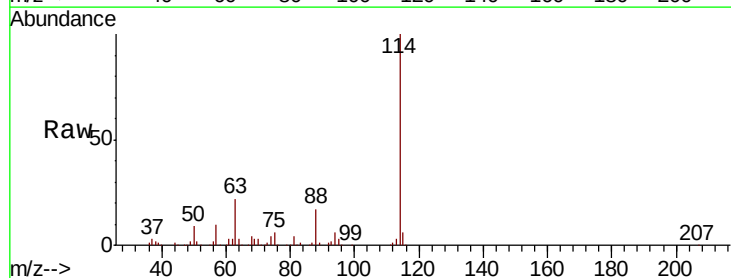
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

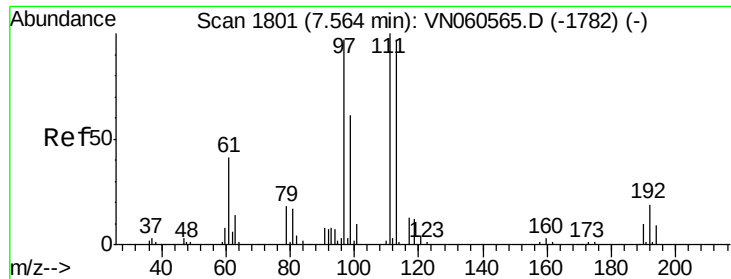
Tot Ion: 65 Resp: 142376
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion: 114 Resp: 349306
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.6 0.0 33.0

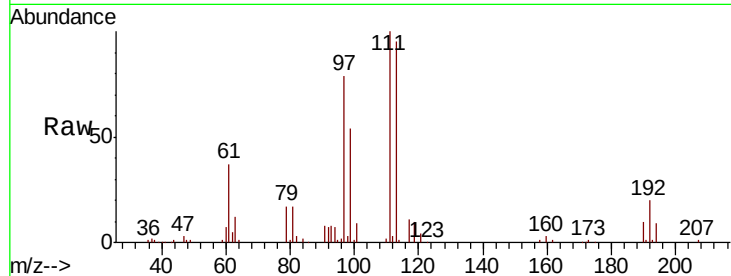




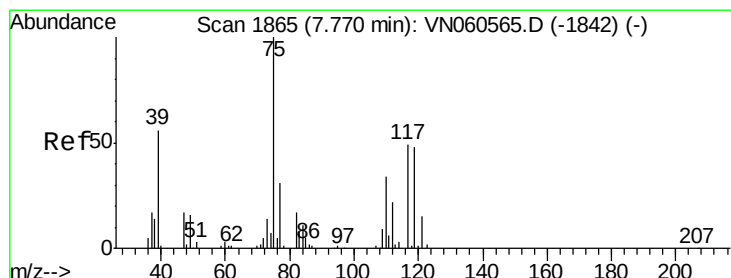
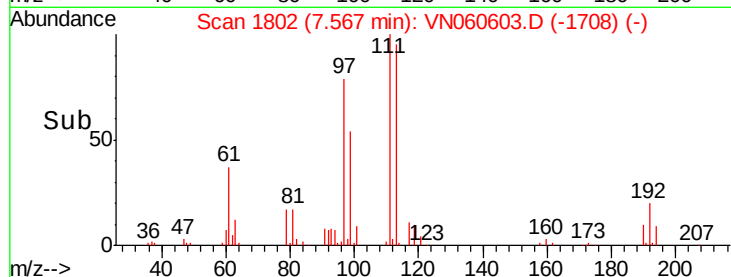
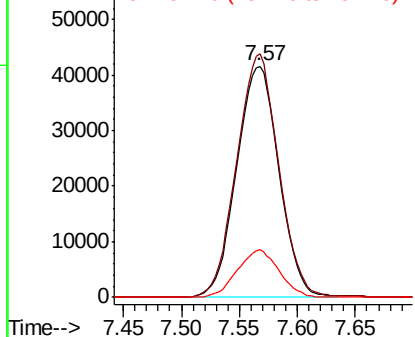
#35
 Dibromofluoromethane
 Concen: 50.110 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 105839
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 20.2 15.8 23.8

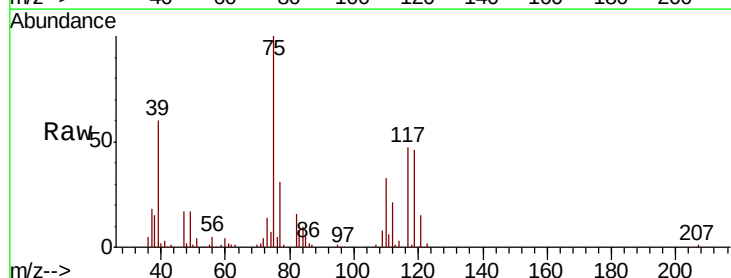


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

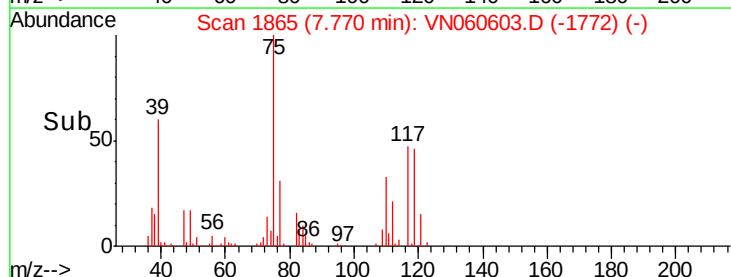
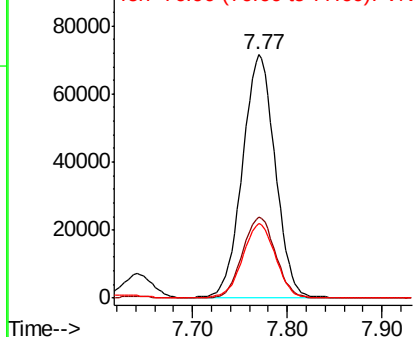


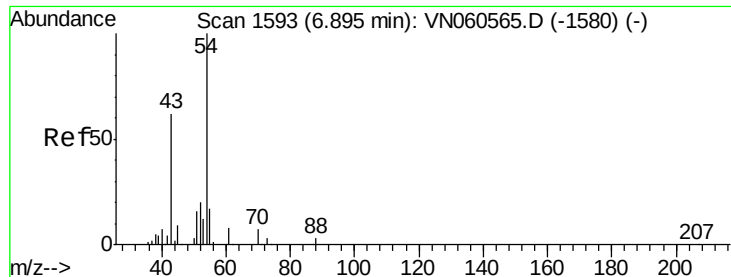
#36
 1,1-Dichloropropene
 Concen: 50.950 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion: 75 Resp: 172332
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.9 50.6
 77 30.7 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

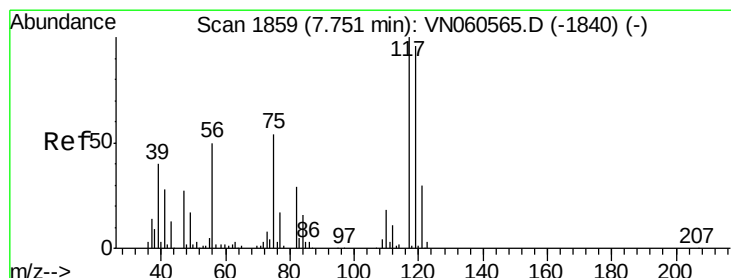
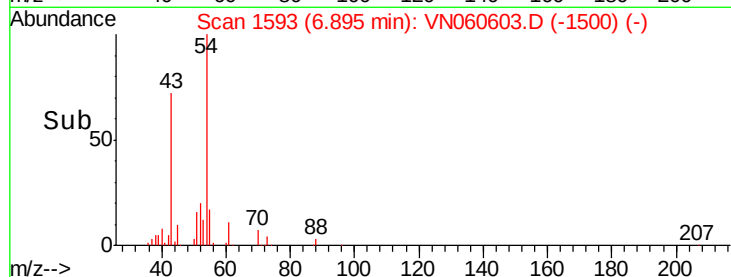
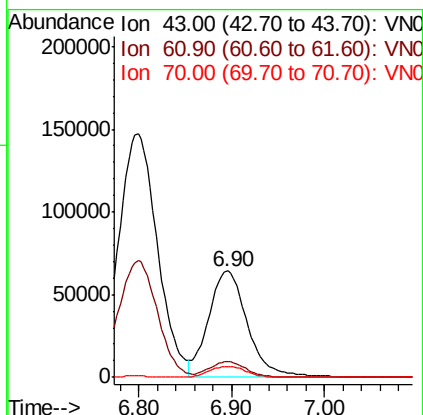
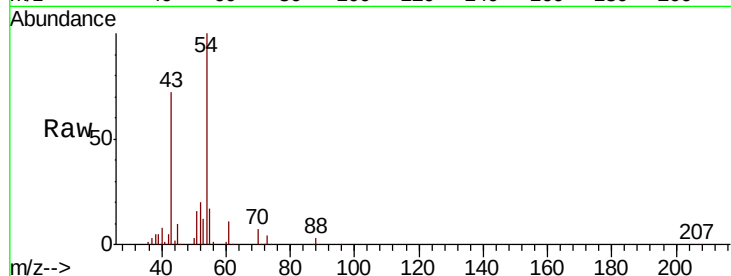




#37
Ethyl Acetate
Concen: 50.440 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

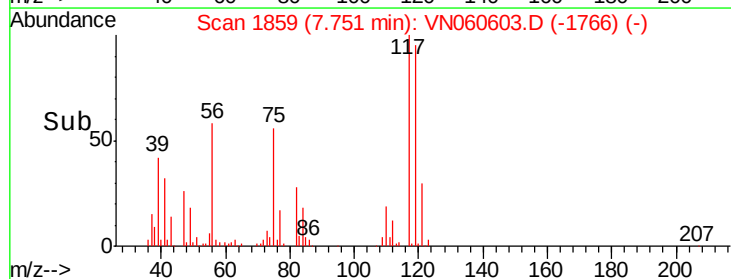
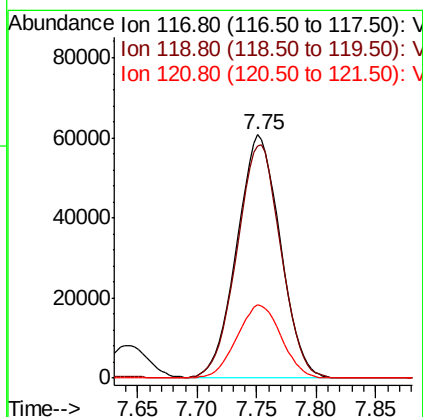
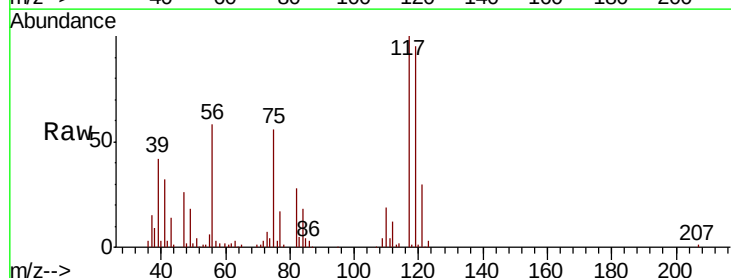
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

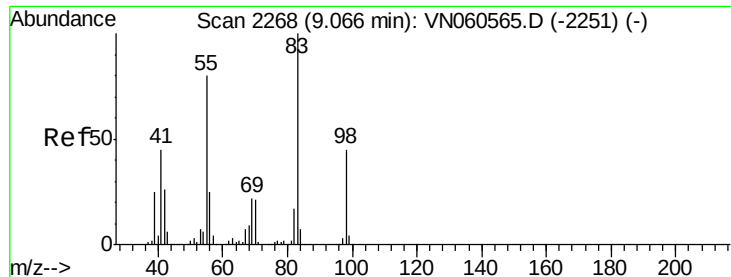
Tot Ion: 43 Resp: 184343
Ion Ratio Lower Upper
43 100
61 14.2 10.6 15.8
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.618 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion: 117 Resp: 153447
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2
121 30.0 23.7 35.5

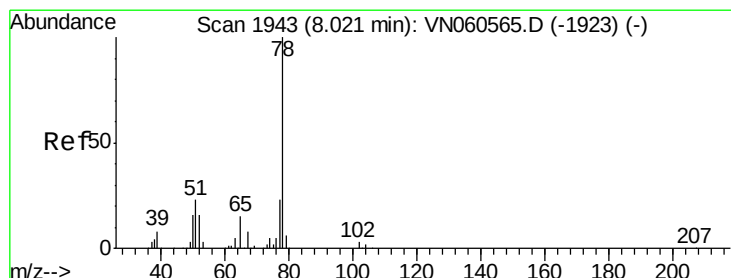
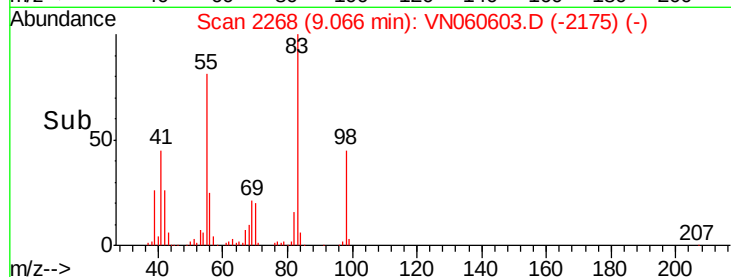
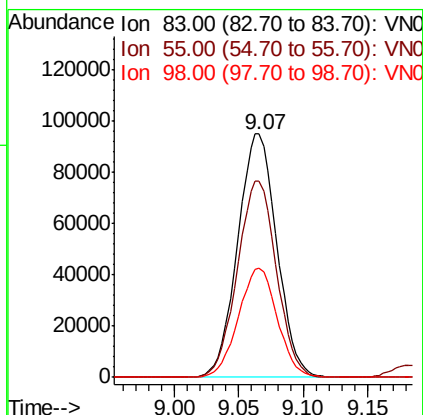
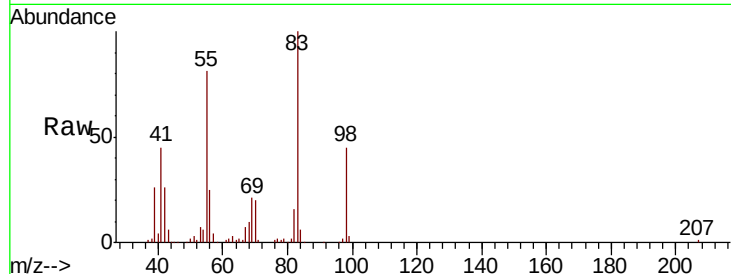




#39
Methylvlcyclohexane
Concen: 49.864 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

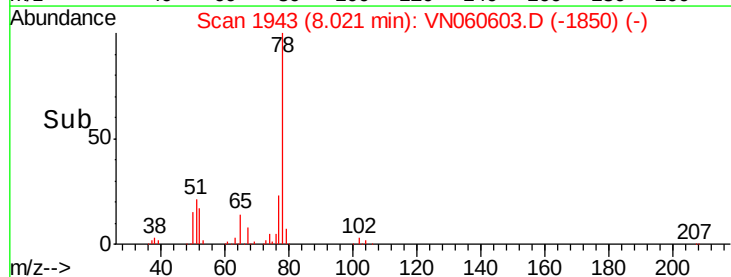
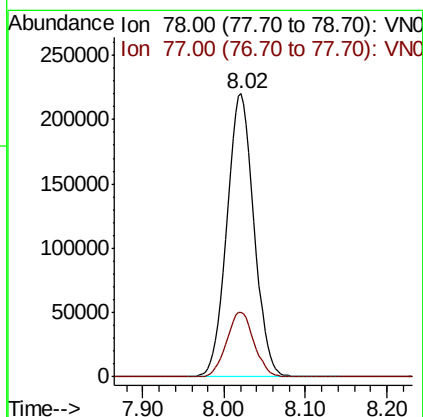
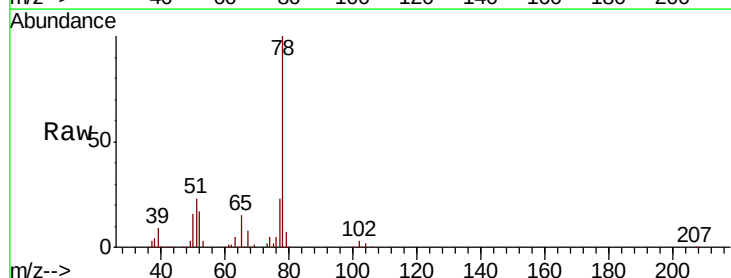
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

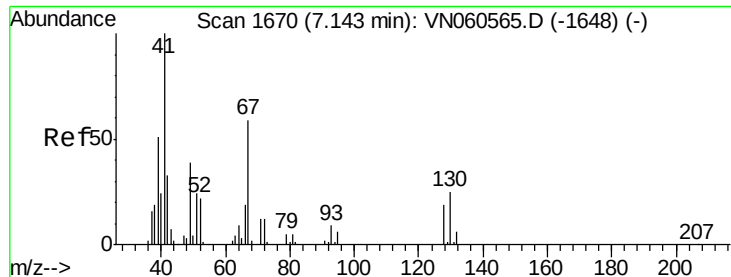
Tot Ion: 83 Resp: 200429
Ion Ratio Lower Upper
83 100
55 80.7 63.6 95.4
98 44.9 36.0 54.0



#40
Benzene
Concen: 50.334 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion: 78 Resp: 513934
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0

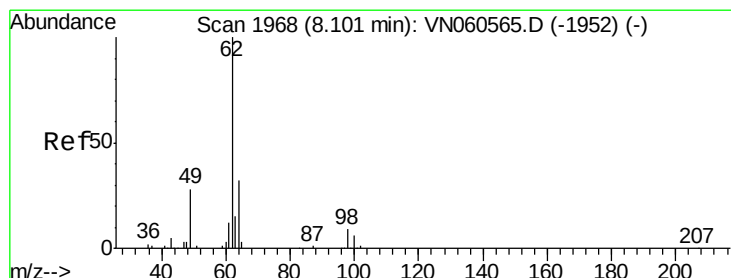
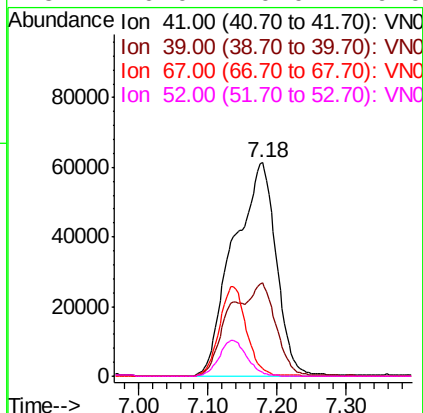
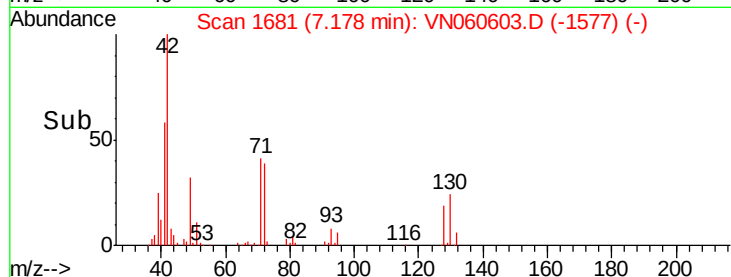
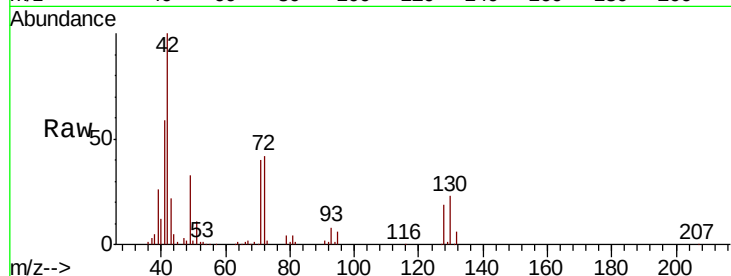




#41
Methacrylonitrile
Concen: 168.861 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.04 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

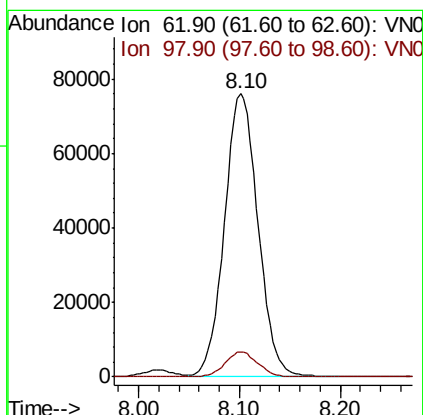
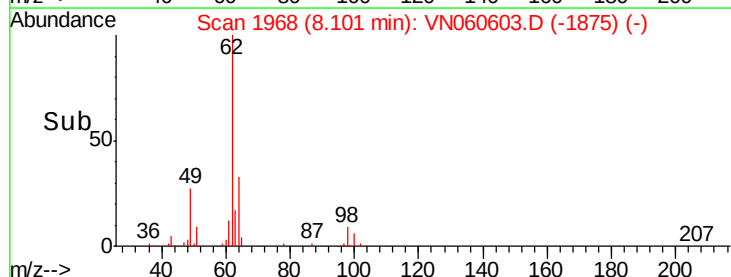
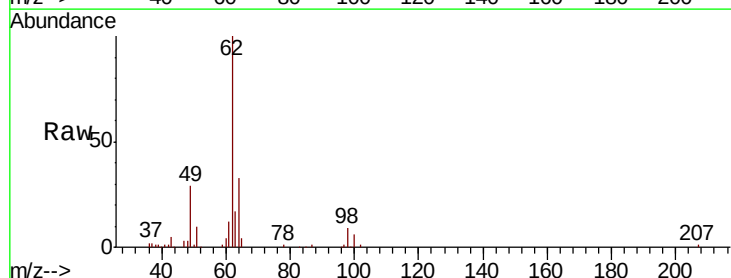
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

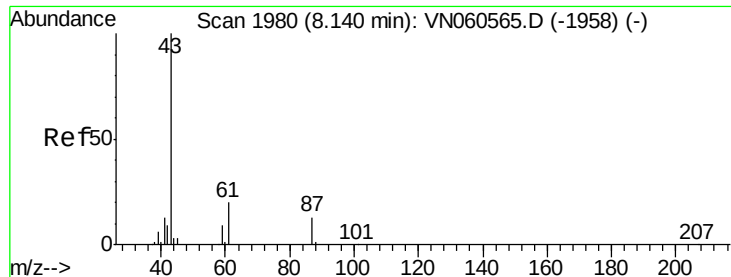
Tot Ion:	41	Resp:	263377
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.633 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion:	62	Resp:	176681
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 51.629 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

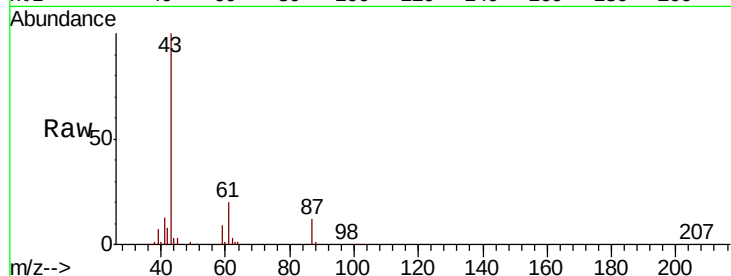
Tot Ion: 43 Resp: 311183

Ion Ratio Lower Upper

43 100

61 25.5 20.7 31.1

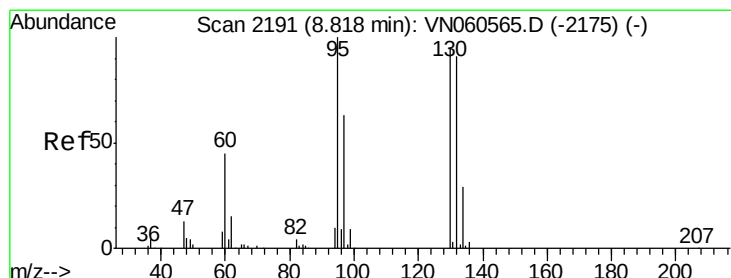
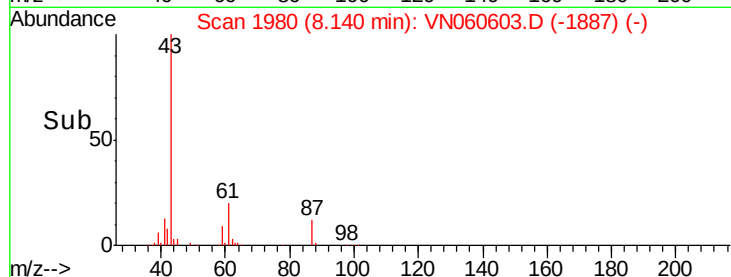
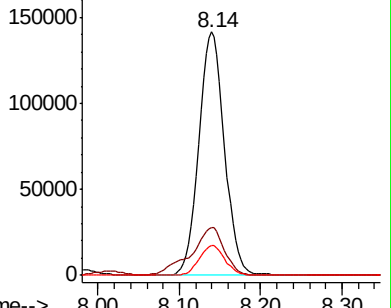
87 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 51.057 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060603.D

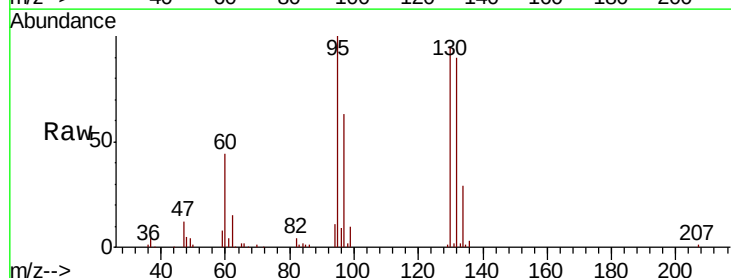
Acq: 18 Mar 2020 19:27

Tgt Ion:130 Resp: 131419

Ion Ratio Lower Upper

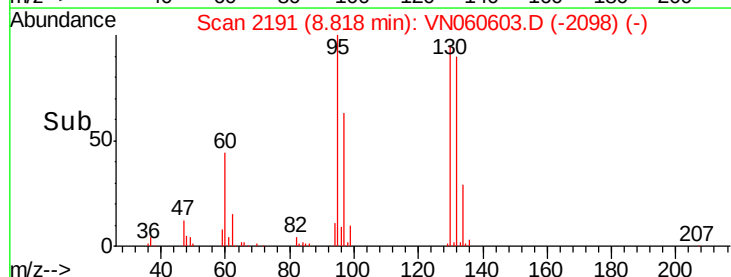
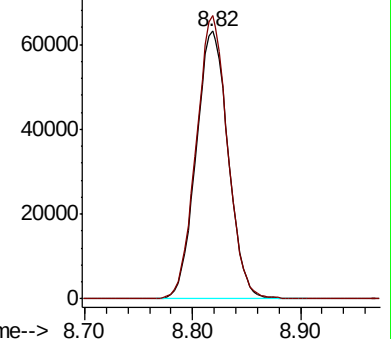
130 100

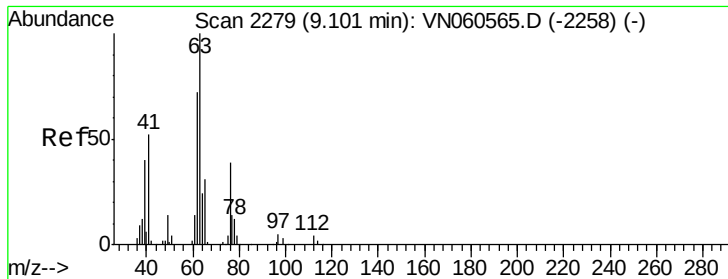
95 105.7 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 51.166 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

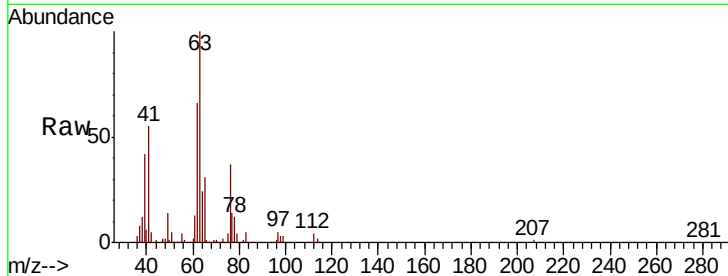
VSTDCCC050EC

Tot Ion: 63 Resp: 137853

Ion Ratio Lower Upper

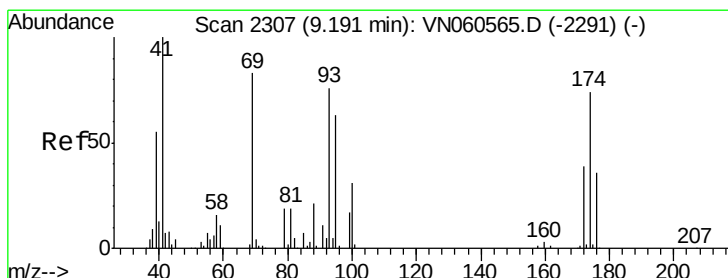
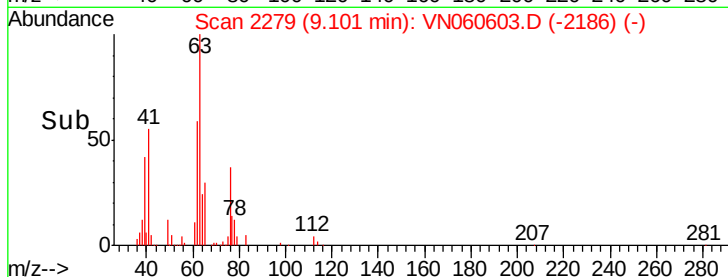
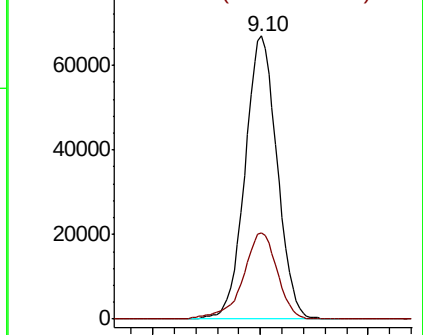
63 100

65 30.6 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN060603.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060603.D (-2186) (-)



#46

Dibromomethane

Concen: 50.881 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

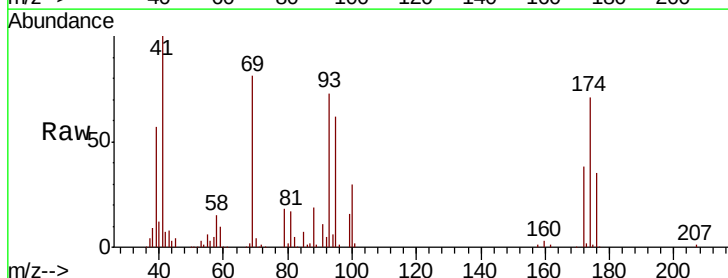
Tgt Ion: 93 Resp: 82876

Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.4

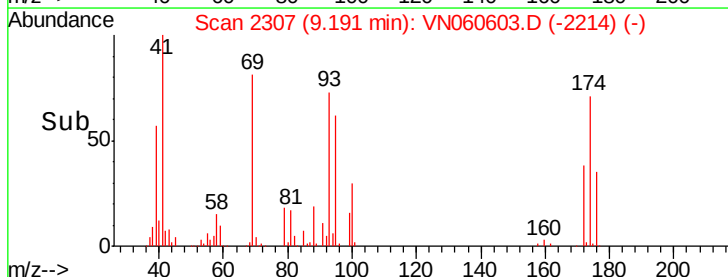
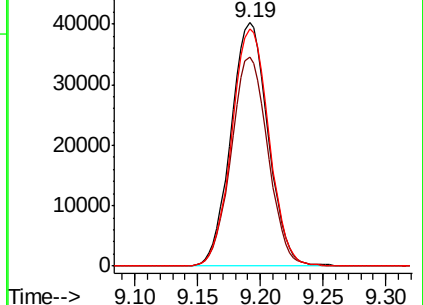
174 97.7 77.9 116.9

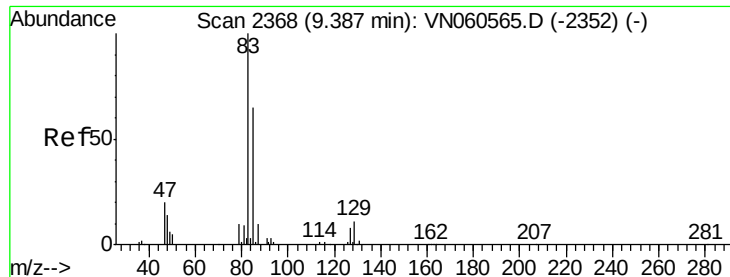


Abundance Ion 92.80 (92.50 to 93.50): VN060603.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN060603.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN060603.D (-2214) (-)





#47

Bromodichloromethane

Concen: 51.103 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

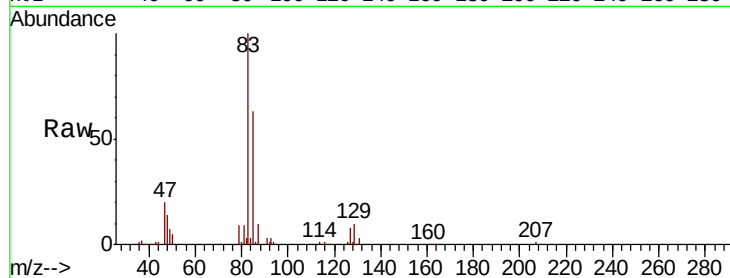
Tot Ion: 83 Resp: 172968

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.6

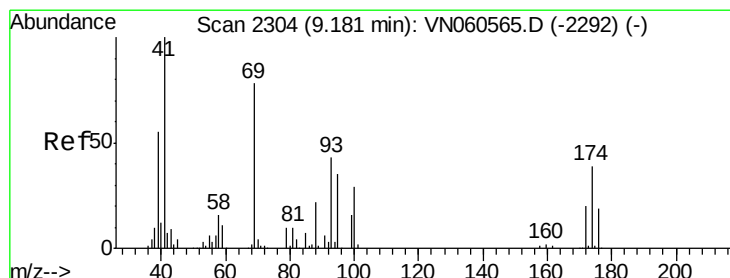
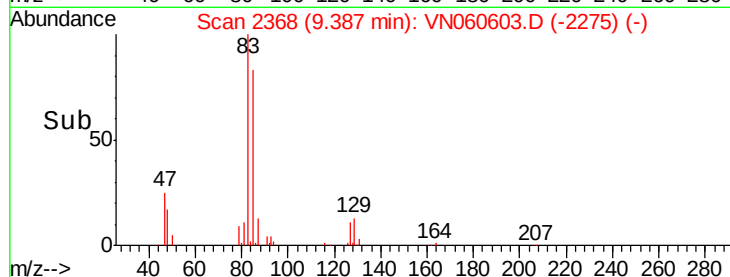
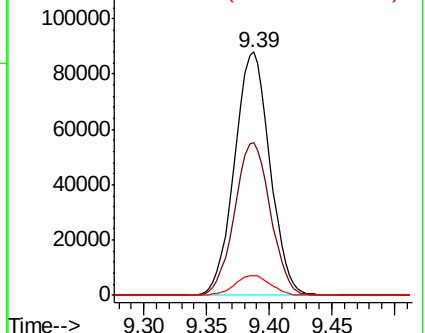
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060603.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060603.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060603.D (-2275) (-)



#48

Methyl methacrylate

Concen: 51.257 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

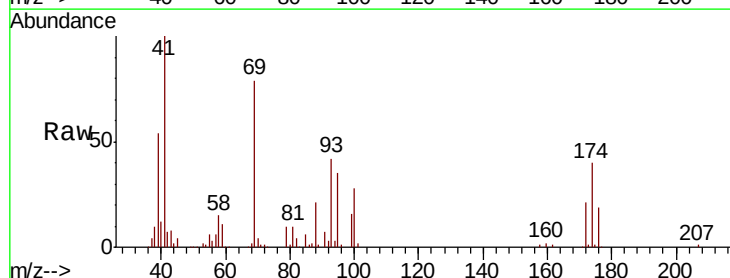
Tgt Ion: 41 Resp: 137549

Ion Ratio Lower Upper

41 100

69 82.3 65.4 98.0

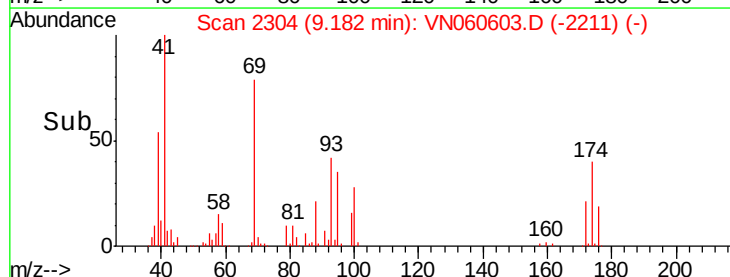
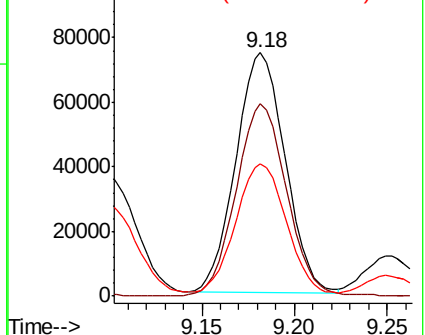
39 57.6 44.0 66.0

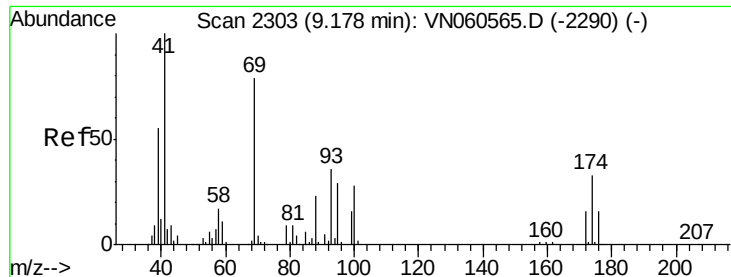


Abundance Ion 41.00 (40.70 to 41.70): VN060603.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060603.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060603.D (-2211) (-)

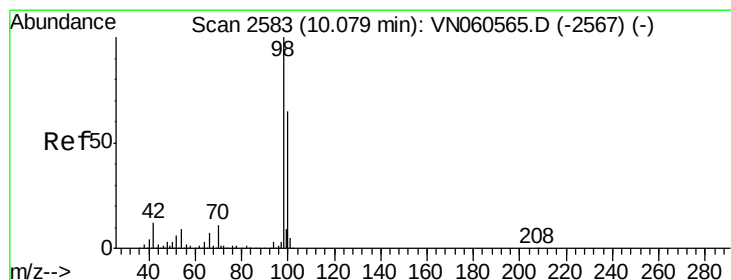
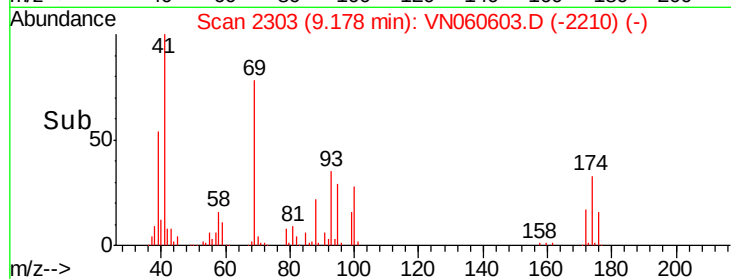
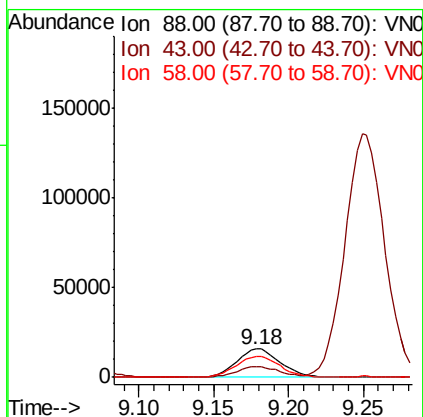
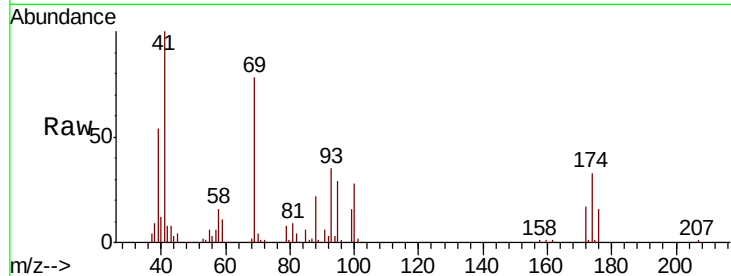




#49
1,4-Dioxane
Concen: 1011.881 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

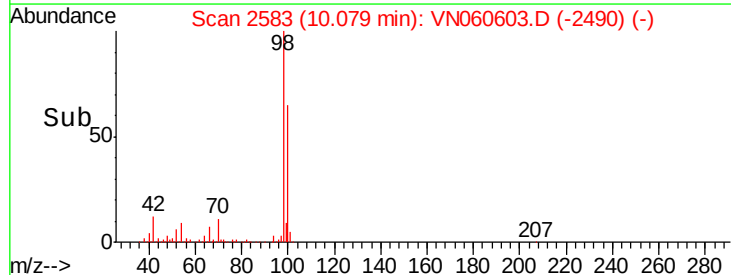
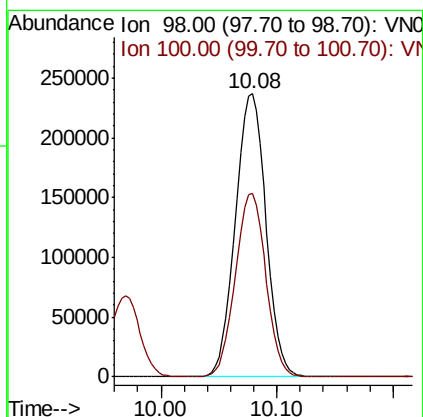
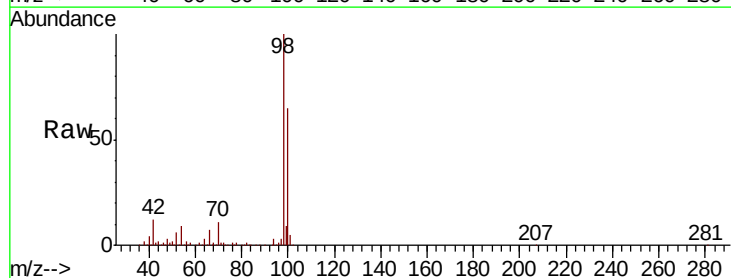
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

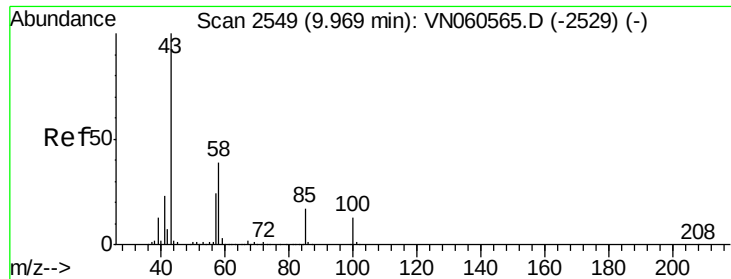
Tot Ion: 88 Resp: 32276
Ion Ratio Lower Upper
88 100
43 37.5 30.8 46.2
58 74.2 59.8 89.8



#50
Toluene-d8
Concen: 50.100 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion: 98 Resp: 432227
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8

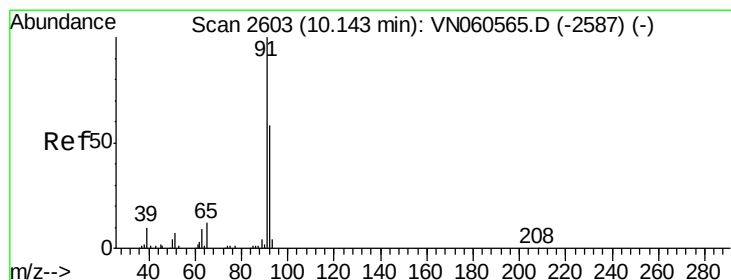
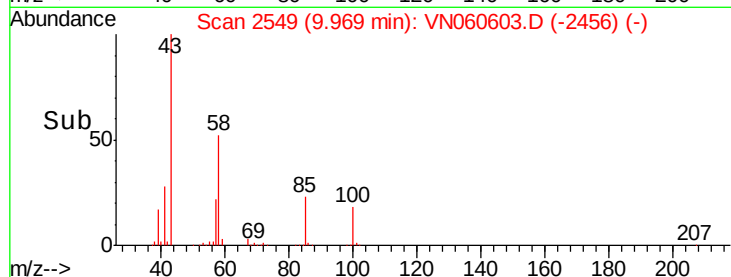
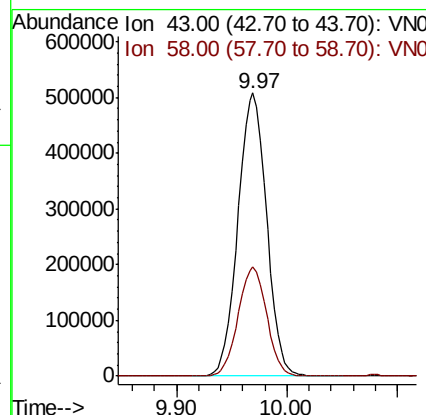
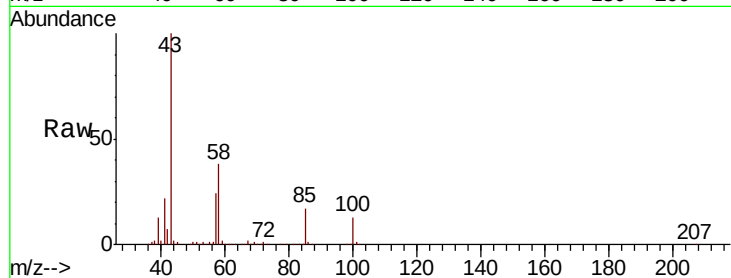




#51
4-Methyl-2-Pentanone
Concen: 266.725 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

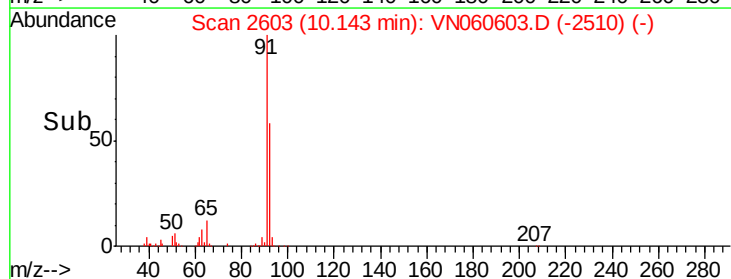
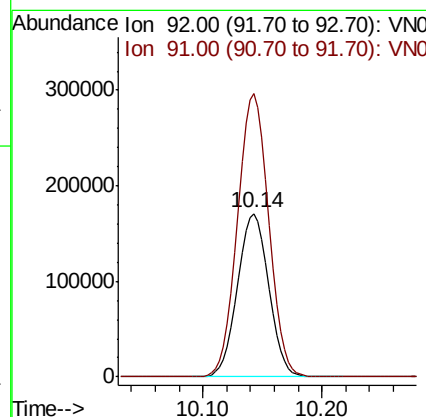
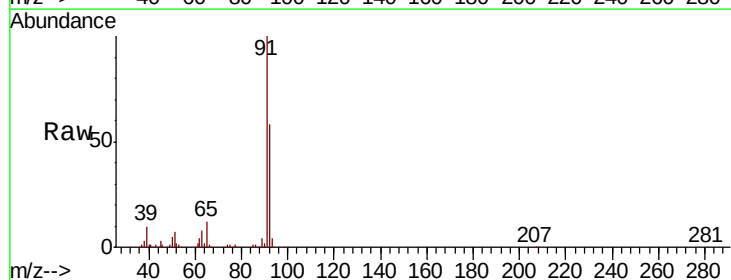
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

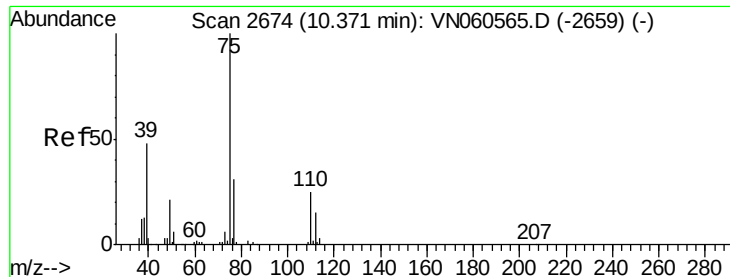
Tot Ion: 43 Resp: 914817
Ion Ratio Lower Upper
43 100
58 38.4 30.8 46.2



#52
Toluene
Concen: 50.549 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion: 92 Resp: 311711
Ion Ratio Lower Upper
92 100
91 173.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.560 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

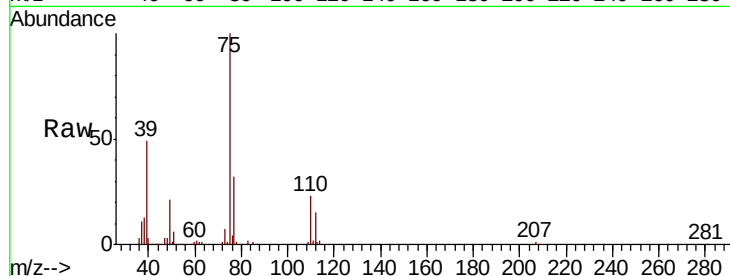
VSTDCCC050EC

Tot Ion: 75 Resp: 200463

Ion Ratio Lower Upper

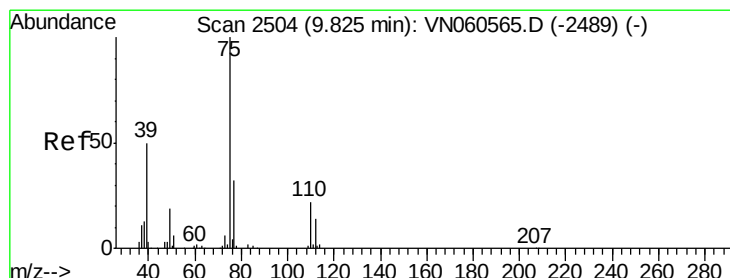
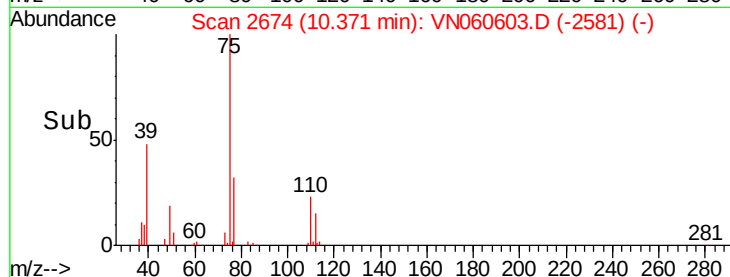
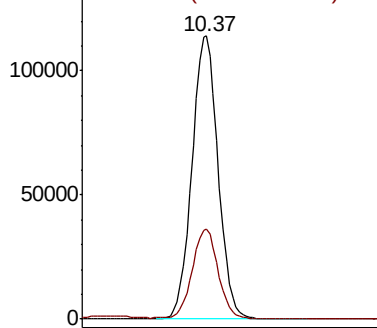
75 100

77 31.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.337 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

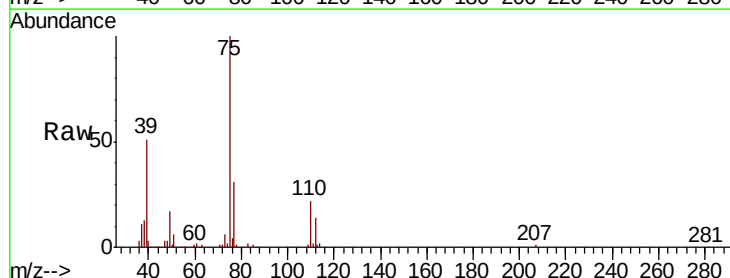
Tgt Ion: 75 Resp: 214700

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

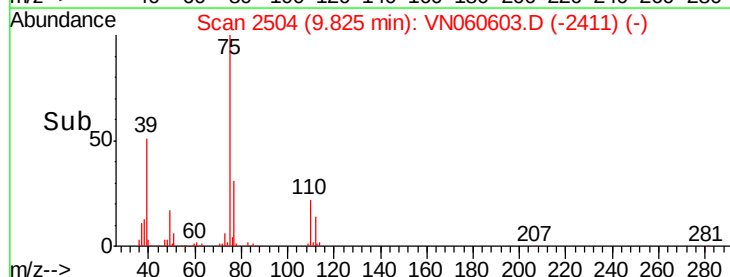
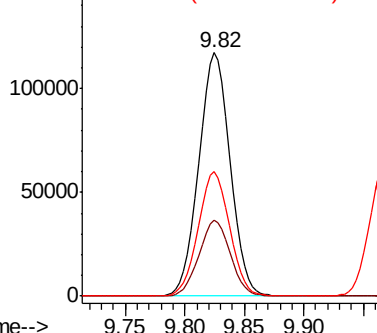
39 51.0 40.2 60.4

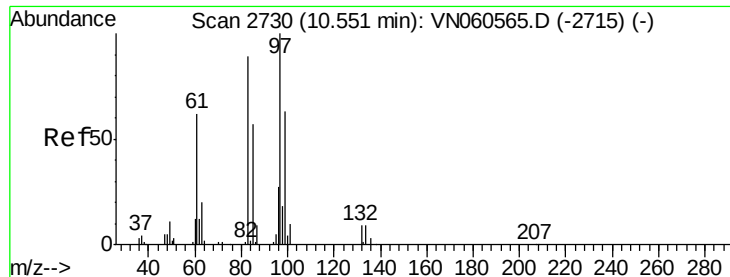


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 50.480 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 119754

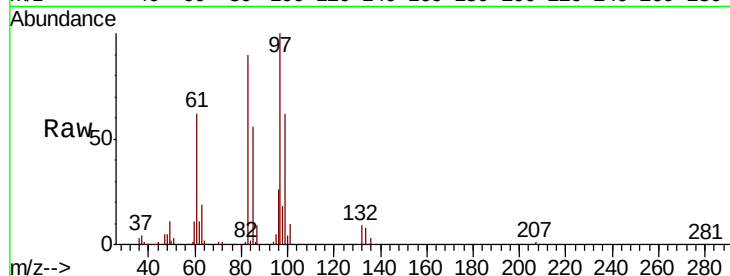
Ion Ratio Lower Upper

97 100

83 89.6 71.3 106.9

85 56.3 45.2 67.8

99 62.4 50.1 75.1

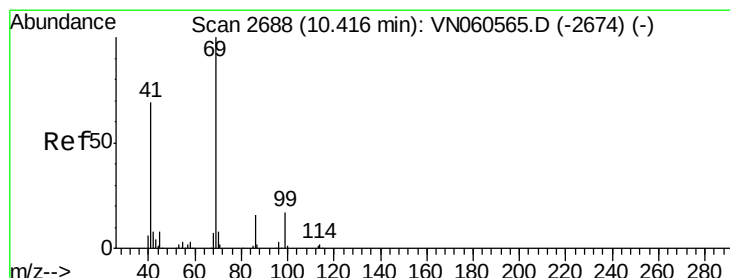
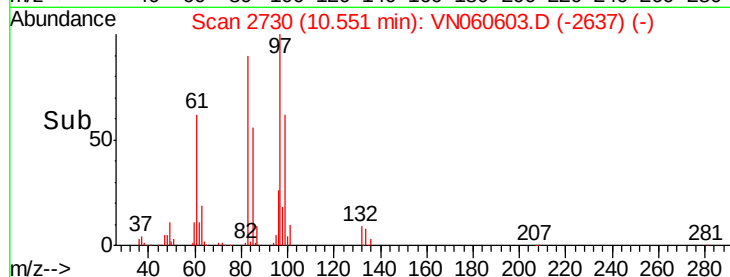
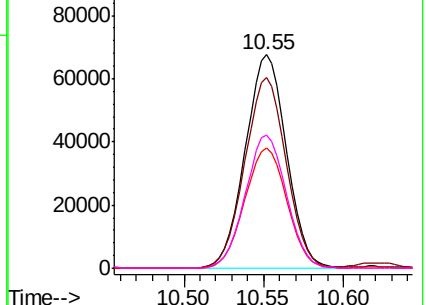


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.767 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

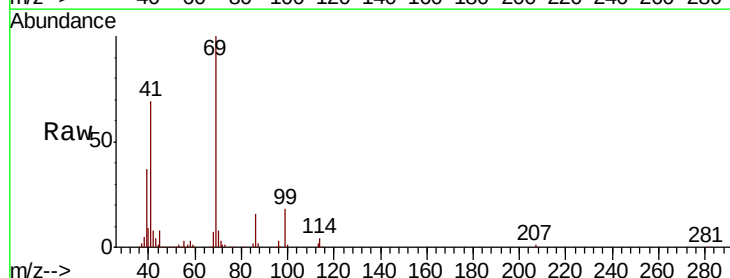
Tgt Ion: 69 Resp: 195185

Ion Ratio Lower Upper

69 100

41 68.8 55.4 83.2

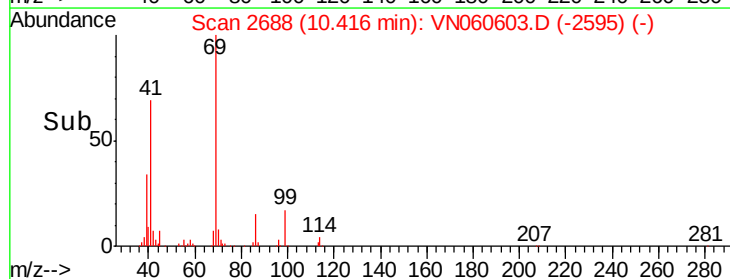
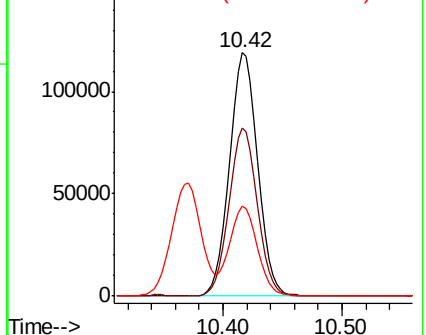
39 36.7 29.4 44.0

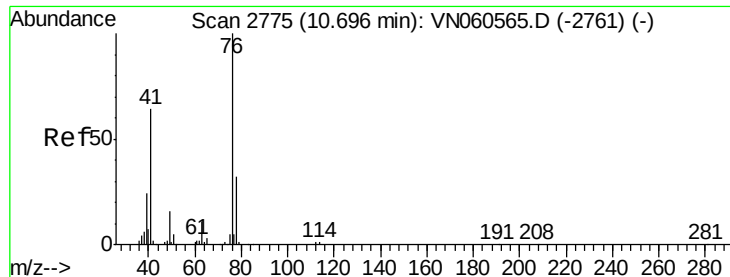


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.847 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

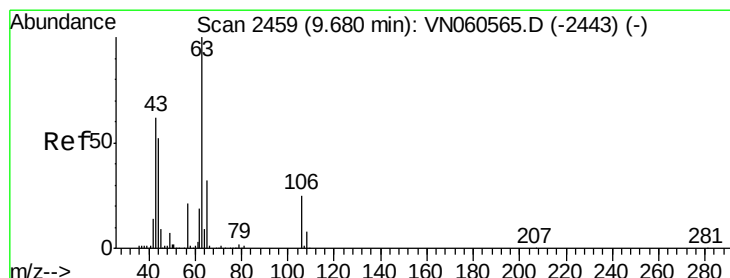
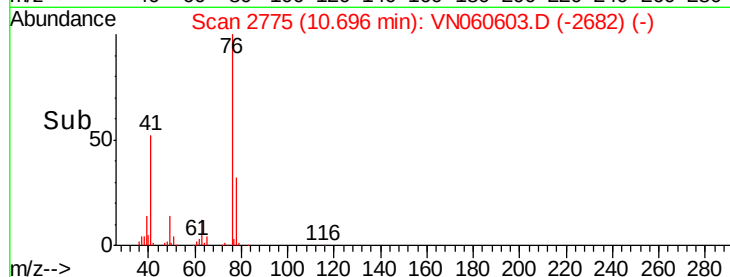
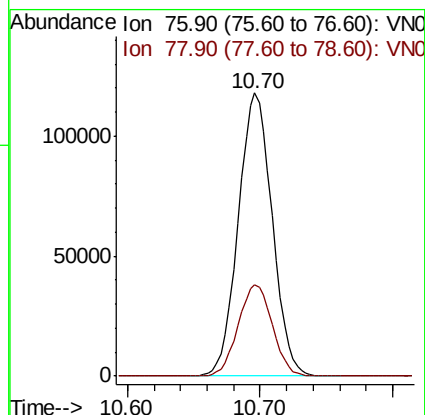
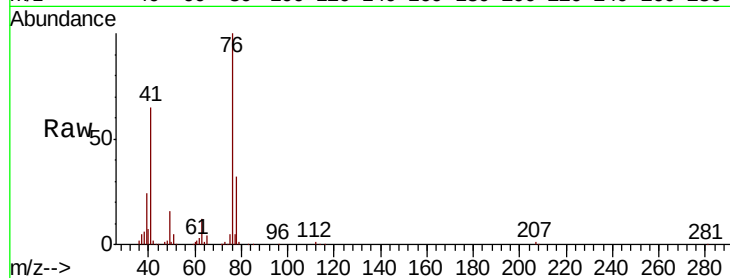
VSTDCCC050EC

Tot Ion: 76 Resp: 209321

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 273.350 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060603.D

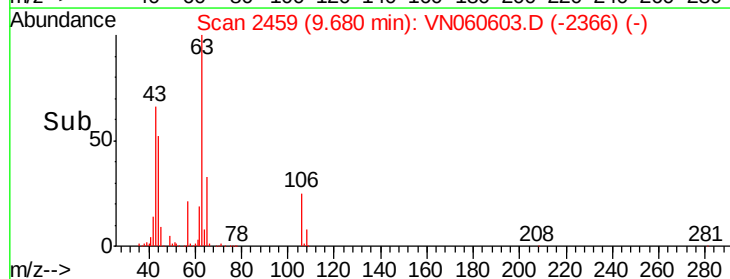
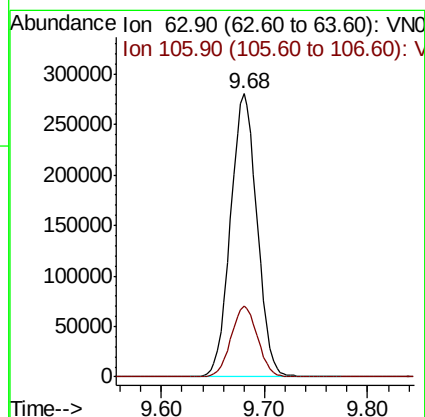
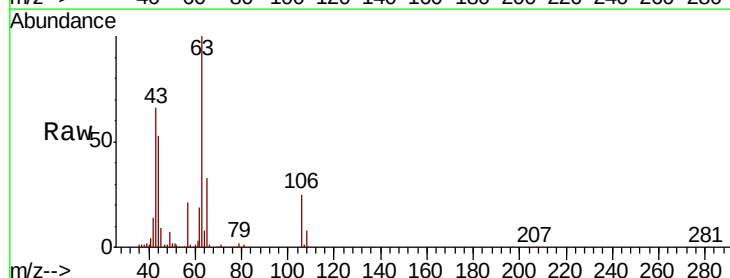
Acq: 18 Mar 2020 19:27

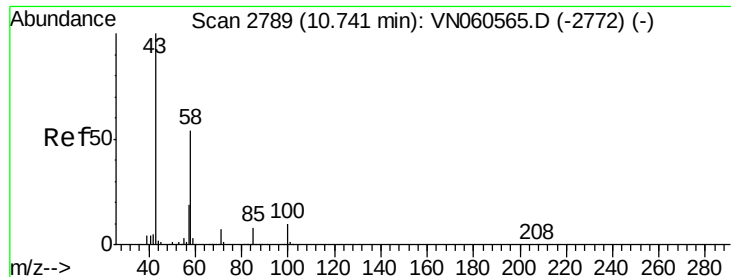
Tgt Ion: 63 Resp: 502540

Ion Ratio Lower Upper

63 100

106 25.0 20.0 30.0

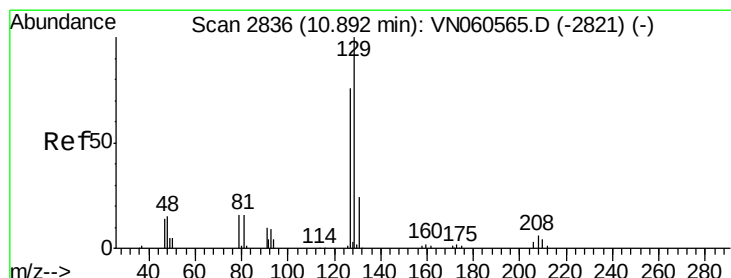
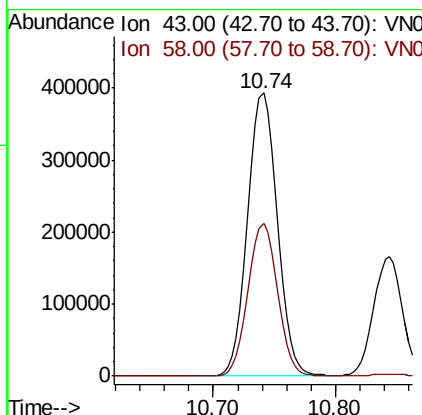
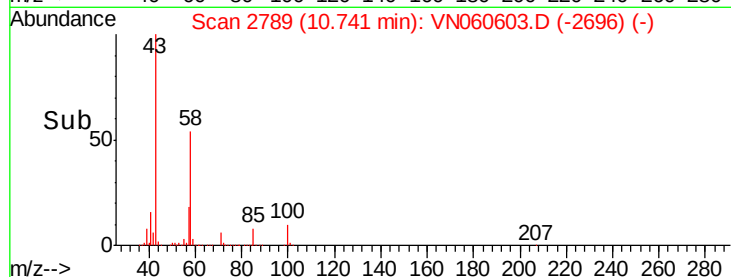
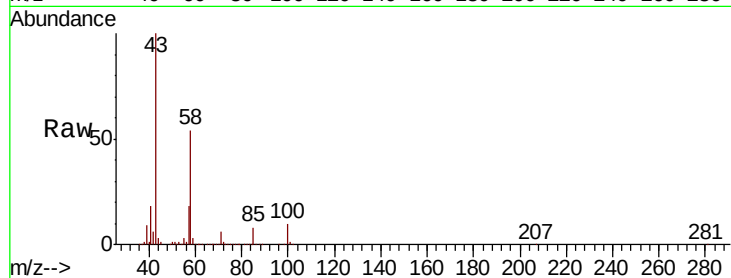




#59
2-Hexanone
Concen: 268.004 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

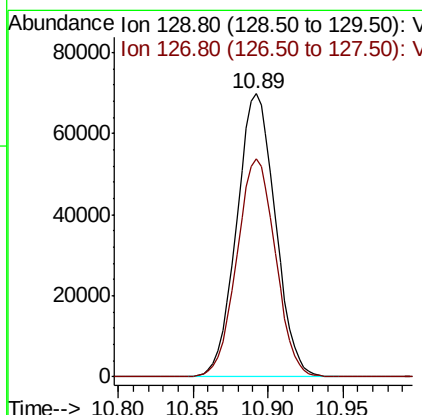
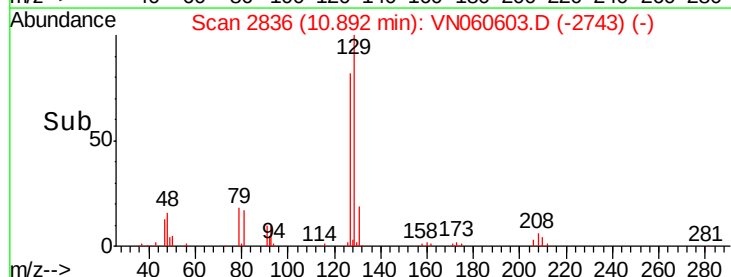
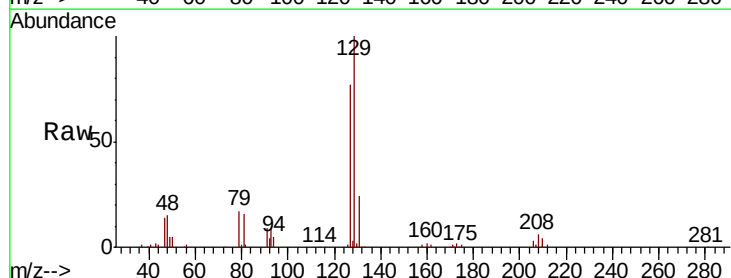
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

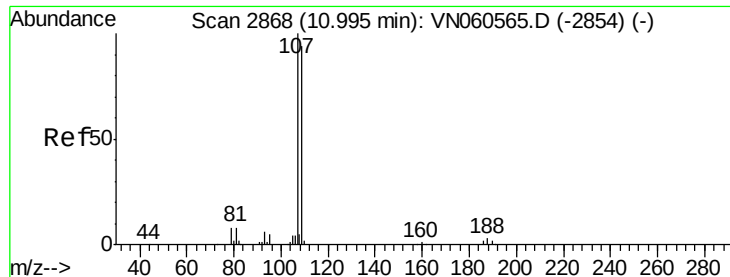
Tot Ion: 43 Resp: 662152
Ion Ratio Lower Upper
43 100
58 53.5 26.7 80.1



#60
Dibromochloromethane
Concen: 51.239 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion: 129 Resp: 125560
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

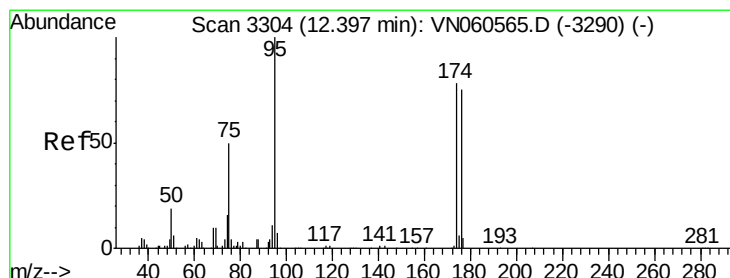
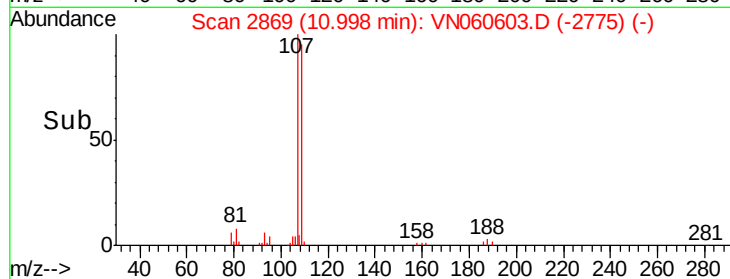
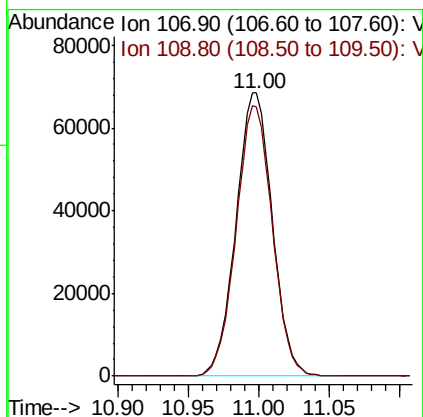
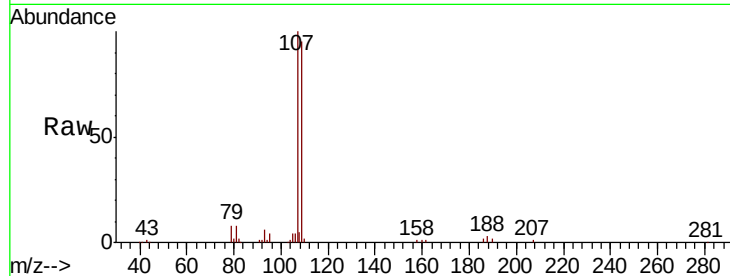




#61
 1,2-Dibromoethane
 Concen: 51.749 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

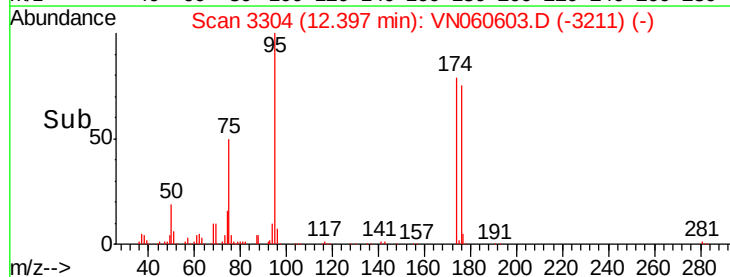
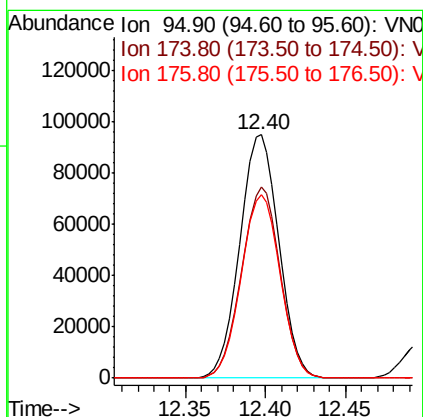
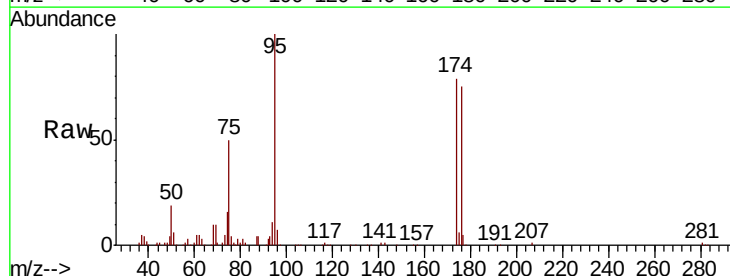
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

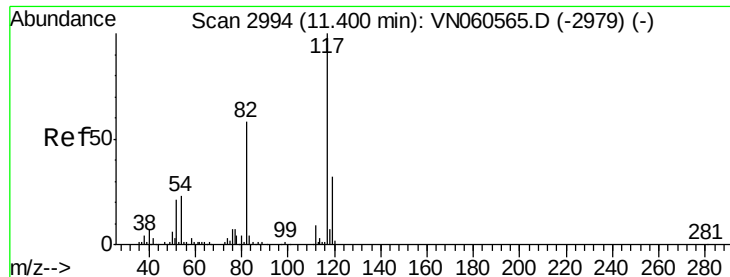
Tot Ion:107 Resp: 123446
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.966 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion: 95 Resp: 157980
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 157.6
 176 75.3 0.0 150.6

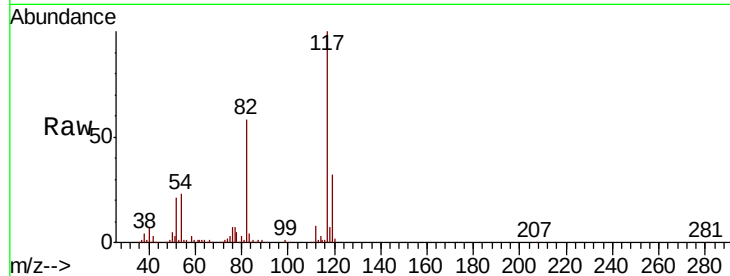




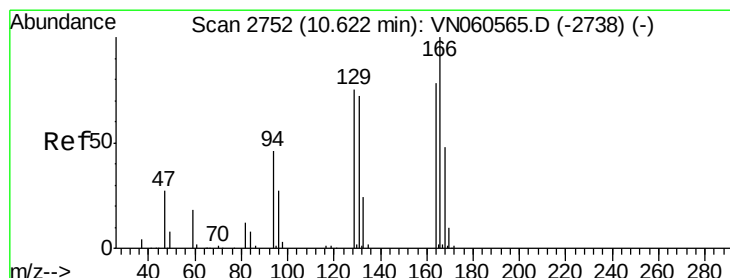
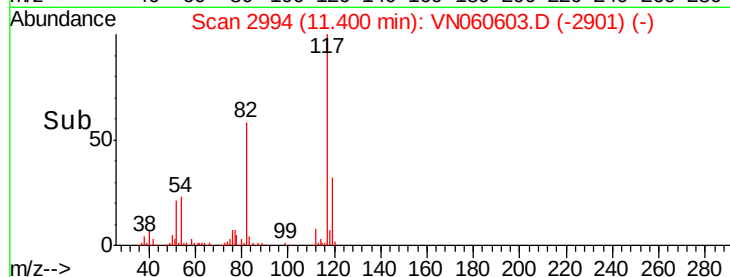
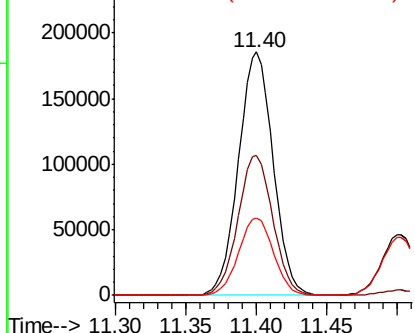
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 319864
Ion Ratio Lower Upper
117 100
82 57.6 46.7 70.1
119 31.9 25.5 38.3

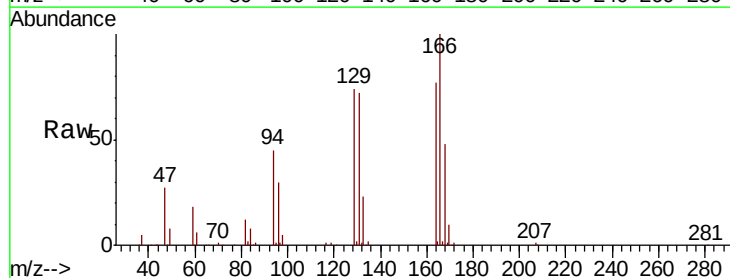


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

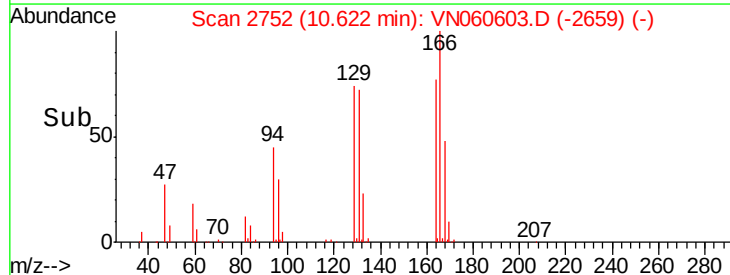
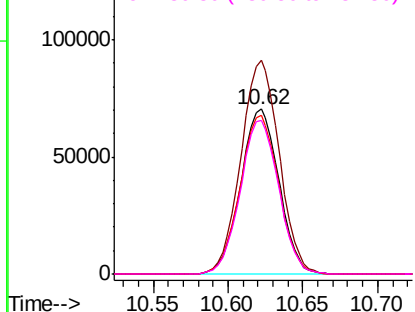


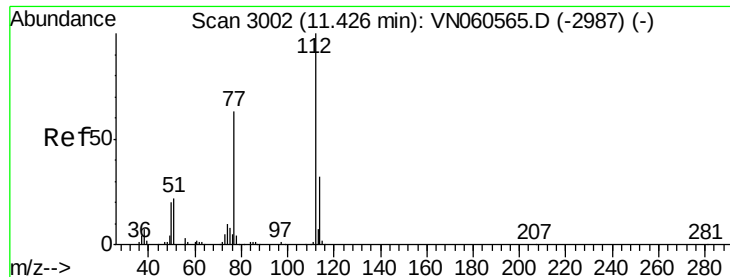
#64
Tetrachloroethene
Concen: 49.928 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion:164 Resp: 125671
Ion Ratio Lower Upper
164 100
166 129.4 102.7 154.1
129 96.1 77.2 115.8
131 93.2 73.8 110.6



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

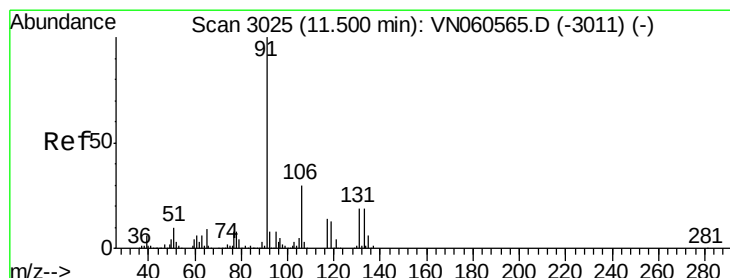
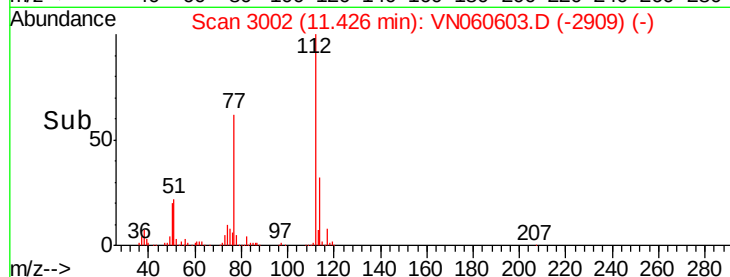
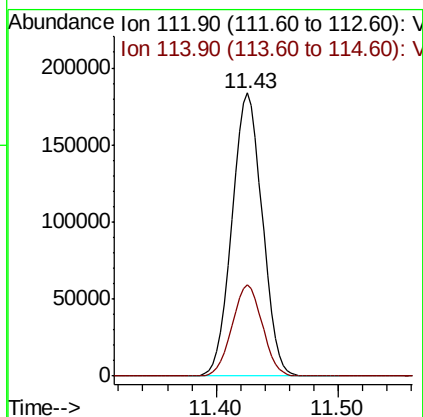
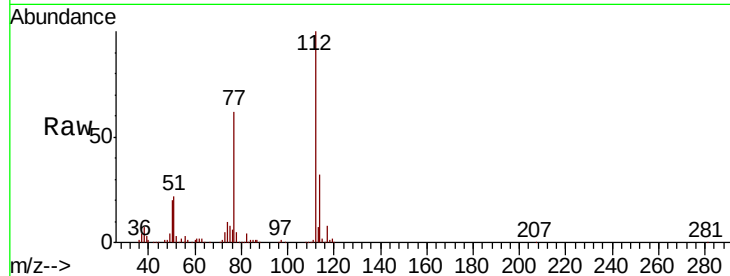




#65
Chlorobenzene
Concen: 49.948 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

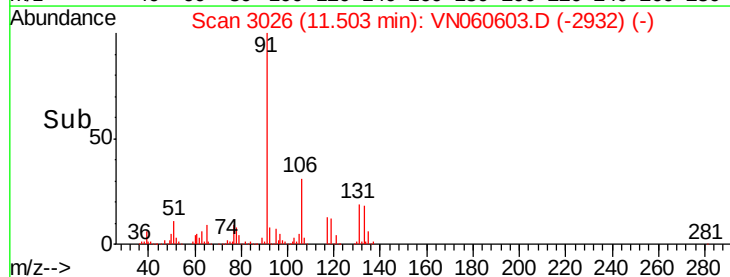
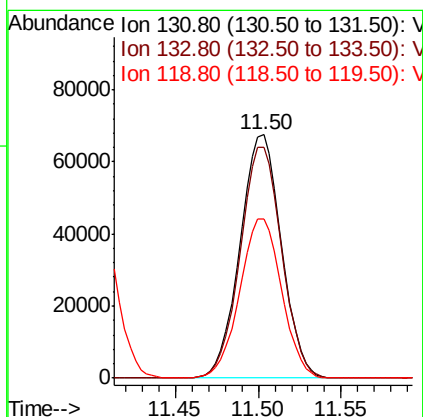
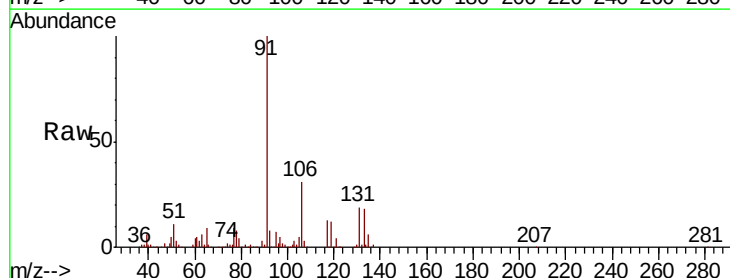
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

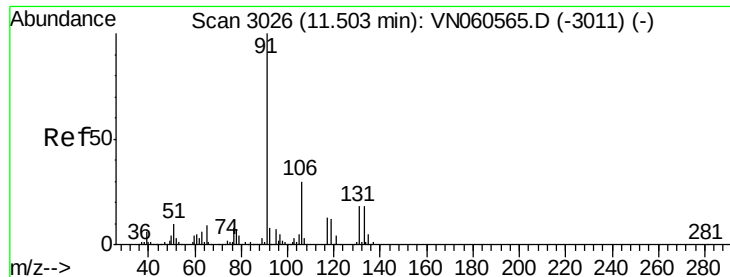
Tot Ion:112 Resp: 316720
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.970 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion:131 Resp: 117019
Ion Ratio Lower Upper
131 100
133 95.3 48.9 146.8
119 66.2 33.9 101.7





#67

Ethyl Benzene

Concen: 50.461 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

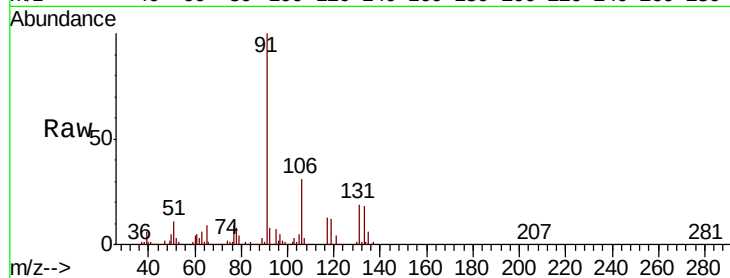
VSTDCCC050EC

Tot Ion: 91 Resp: 595039

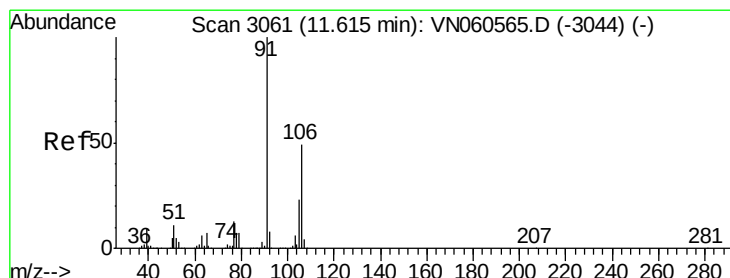
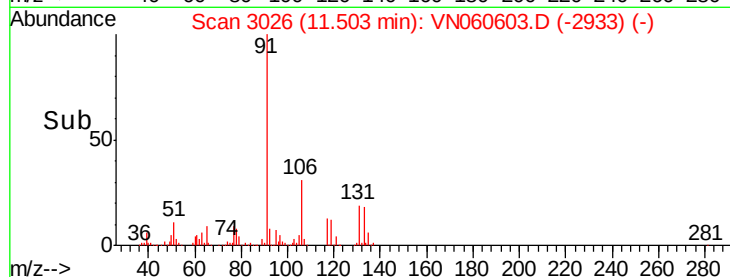
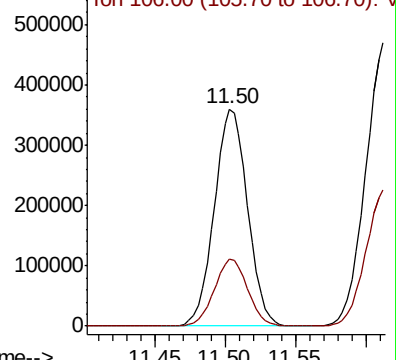
Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060603.D (-2933) (-)



#68

m/p-Xylenes

Concen: 101.272 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060603.D

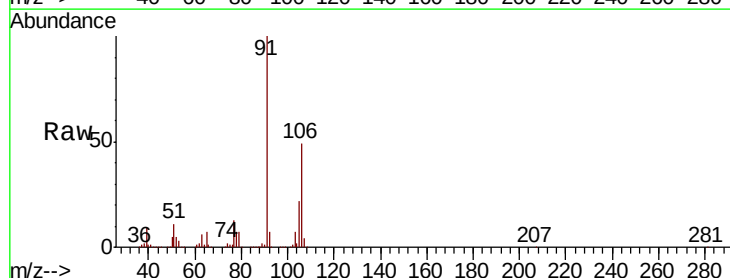
Acq: 18 Mar 2020 19:27

Tgt Ion: 106 Resp: 443773

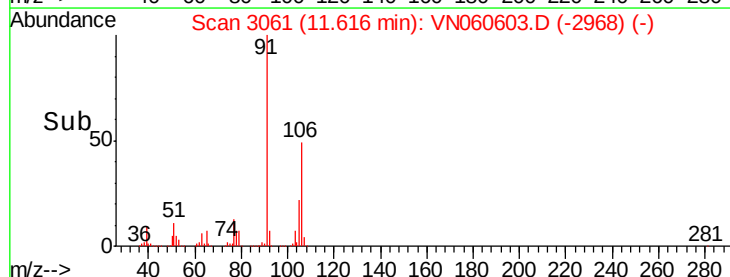
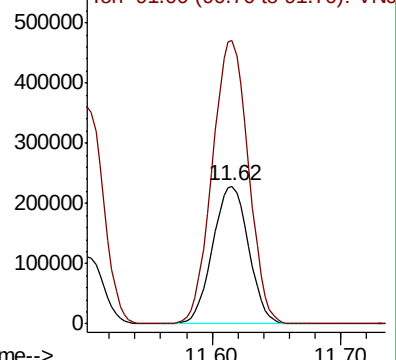
Ion Ratio Lower Upper

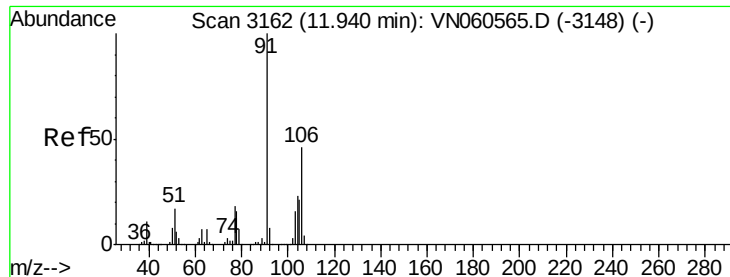
106 100

91 206.4 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060603.D (-2968) (-)

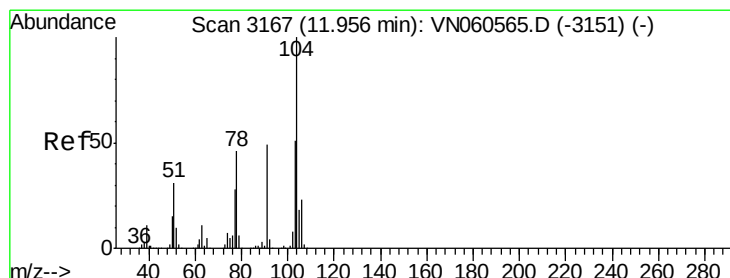
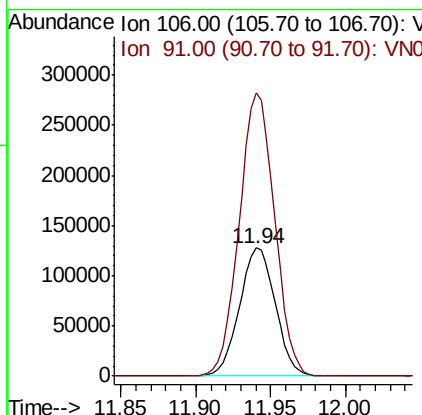
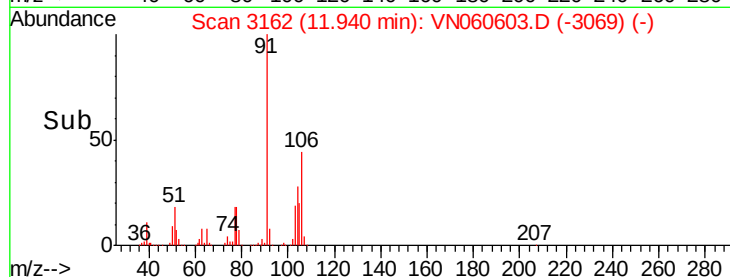
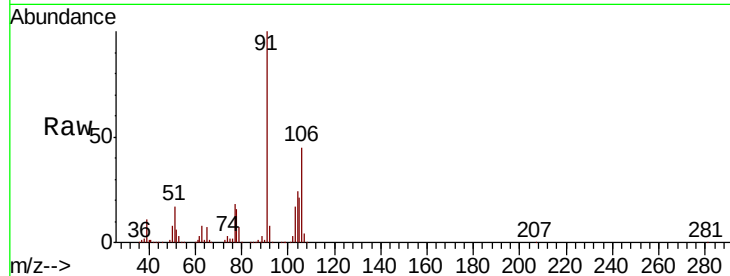




#69
o-Xylene
Concen: 50.802 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

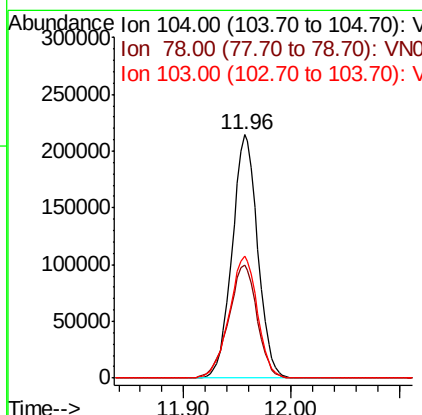
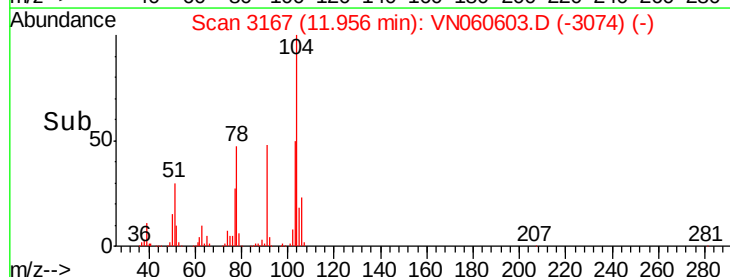
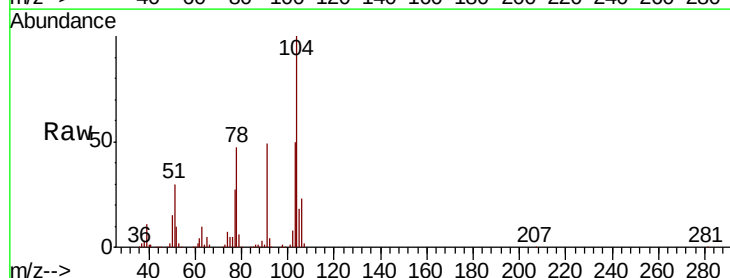
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

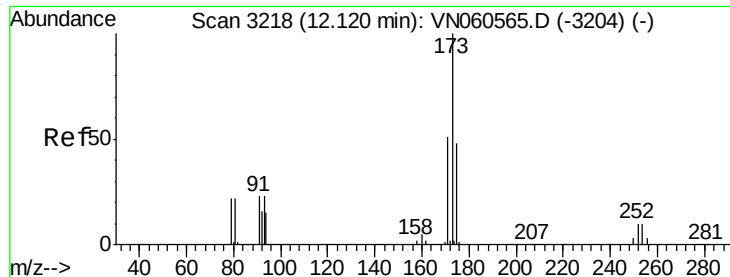
Tot Ion:106 Resp: 212510
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4



#70
Styrene
Concen: 51.917 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion:104 Resp: 355187
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 55.0 44.0 66.0

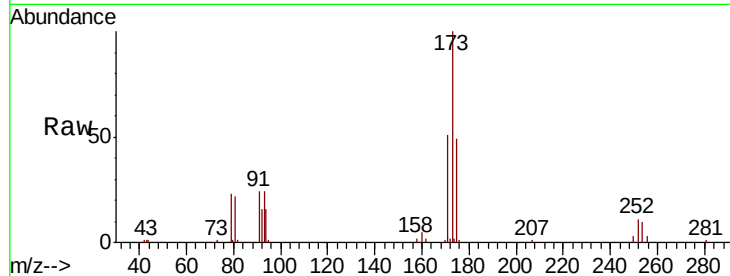




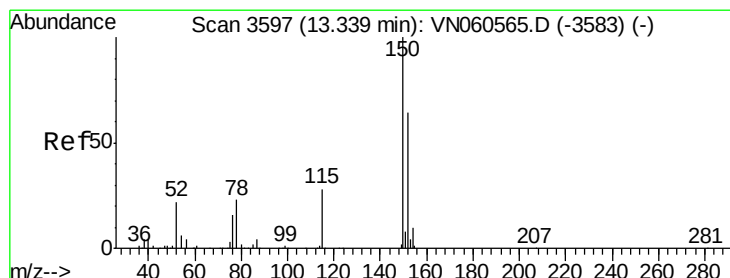
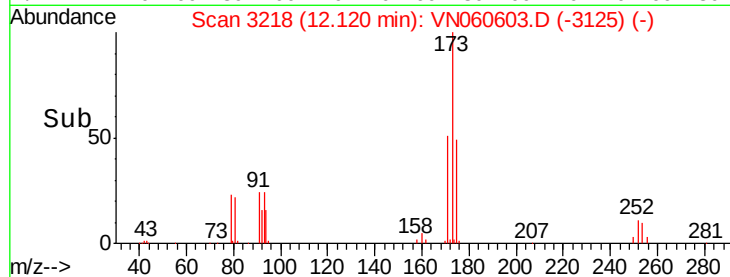
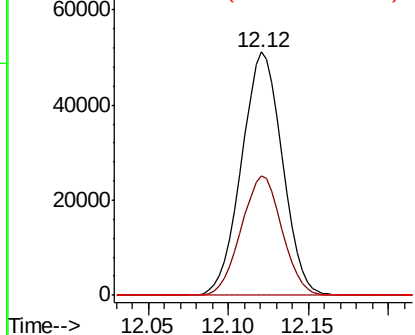
#71
Bromoform
Concen: 46.890 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 89267
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0

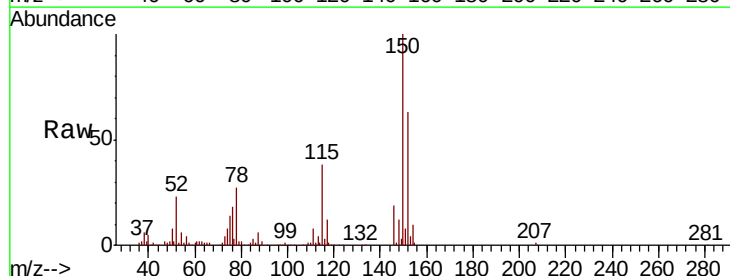


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

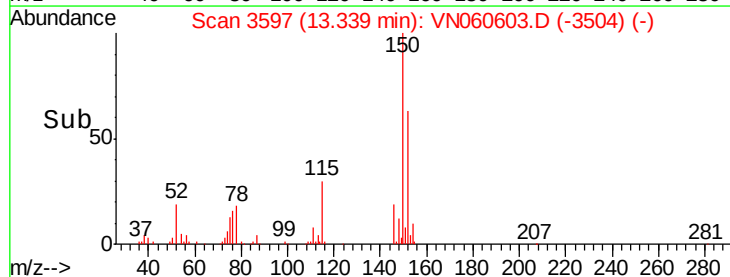
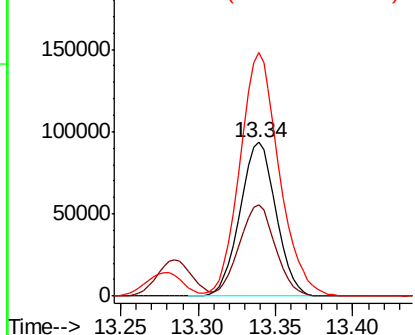


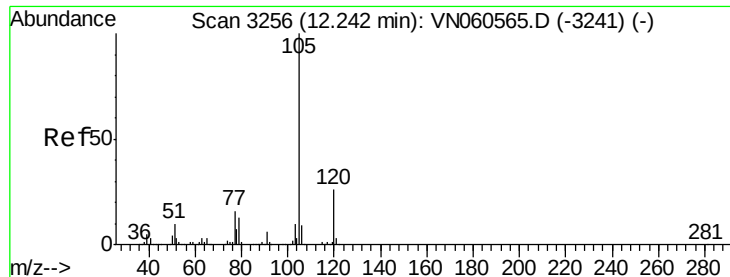
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion:152 Resp: 151713
Ion Ratio Lower Upper
152 100
115 59.3 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: 49.609 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

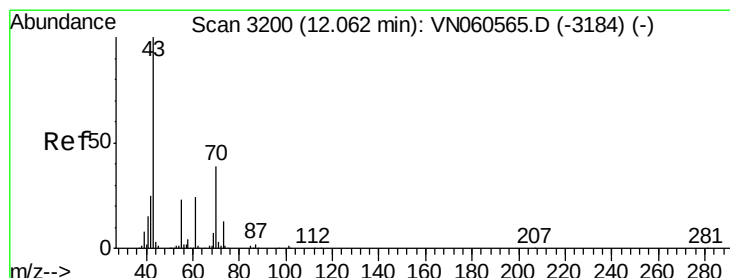
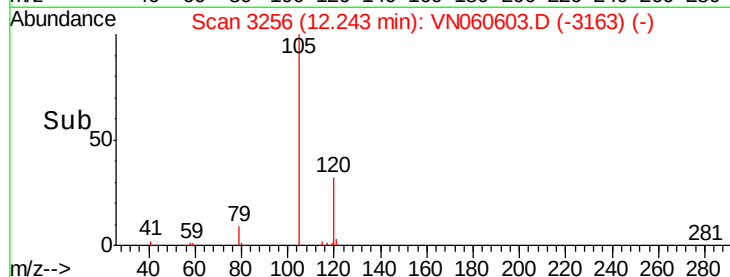
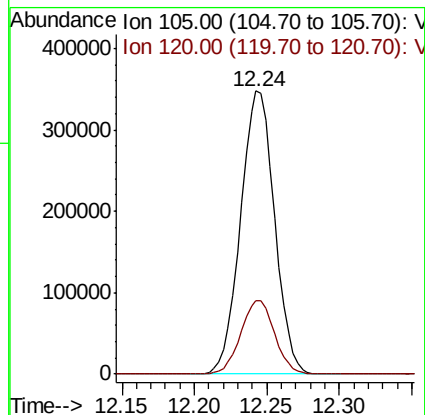
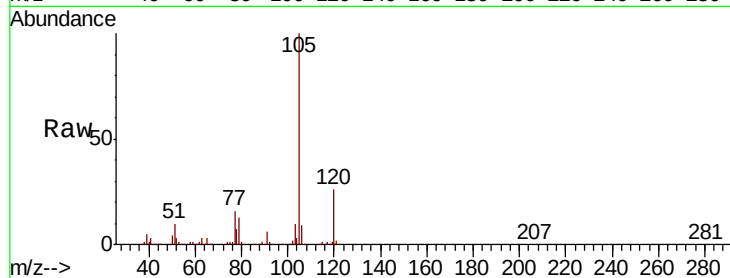
VSTDCCC050EC

Tot Ion:105 Resp: 564825

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 51.939 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Tgt Ion: 43 Resp: 273255

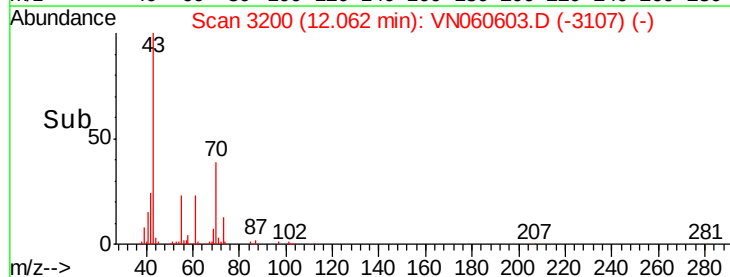
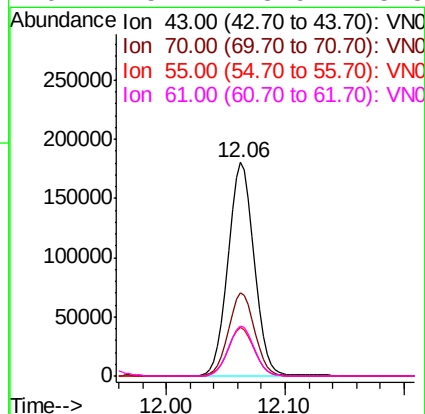
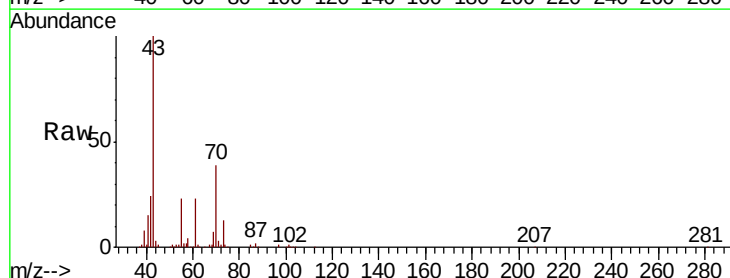
Ion Ratio Lower Upper

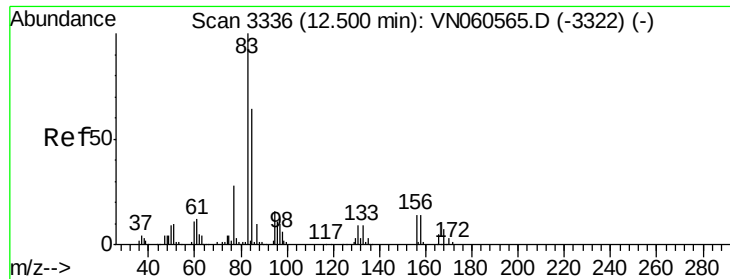
43 100

70 39.3 31.1 46.7

55 23.0 18.6 27.8

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.901 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

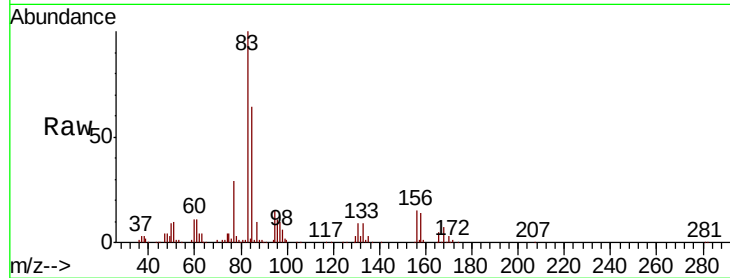
Tot Ion: 83 Resp: 171811

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

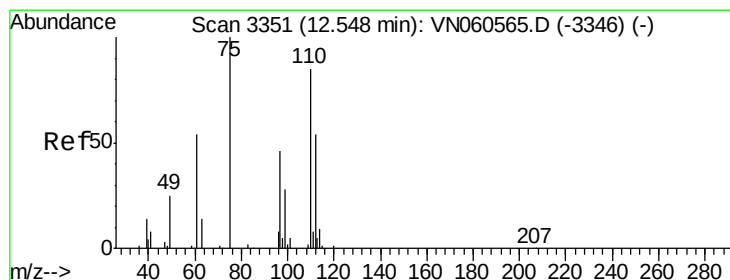
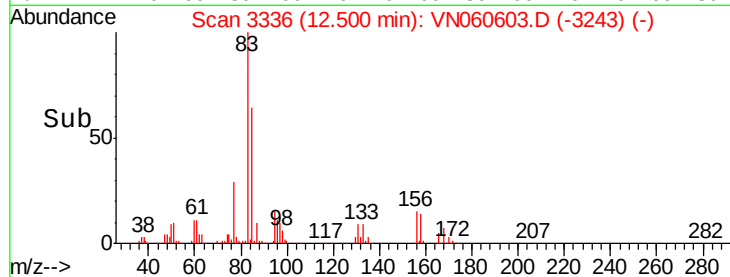
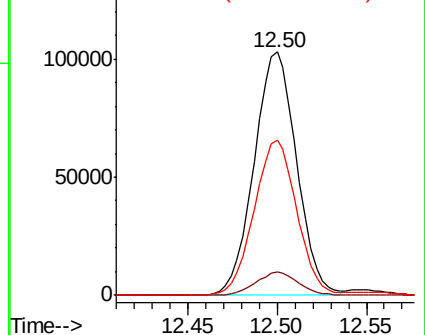
85 64.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060603.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060603.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060603.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 71.496 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060603.D

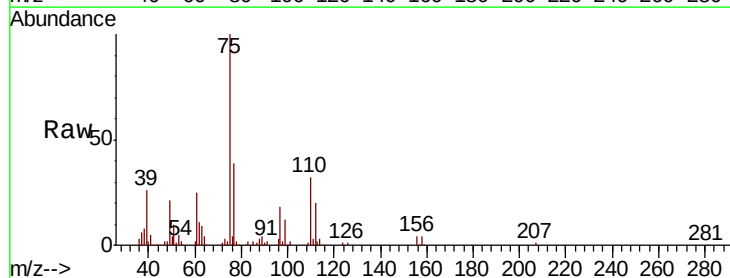
Acq: 18 Mar 2020 19:27

Tgt Ion: 75 Resp: 234053

Ion Ratio Lower Upper

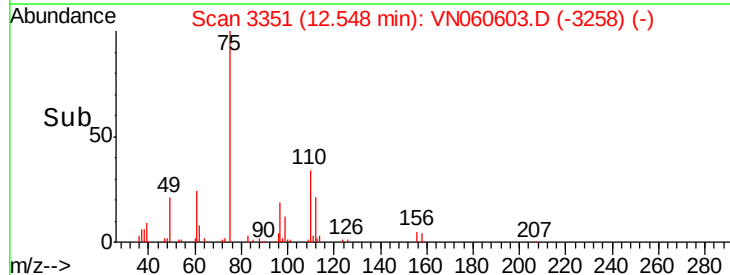
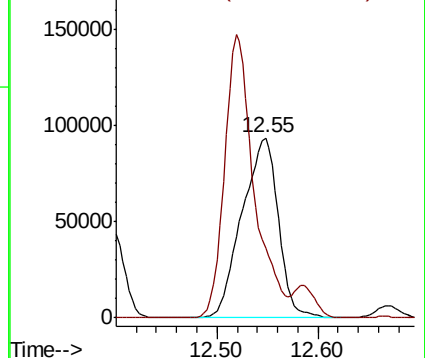
75 100

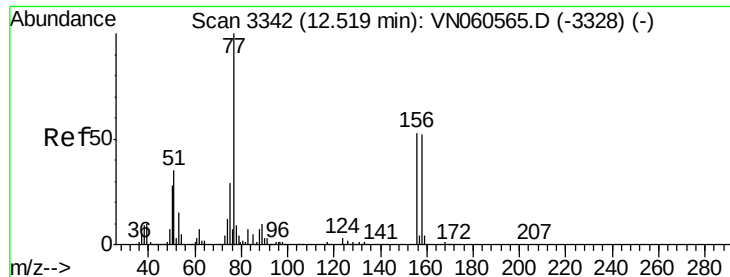
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060603.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060603.D (-3258) (-)





#77

Bromobenzene

Concen: 49.268 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

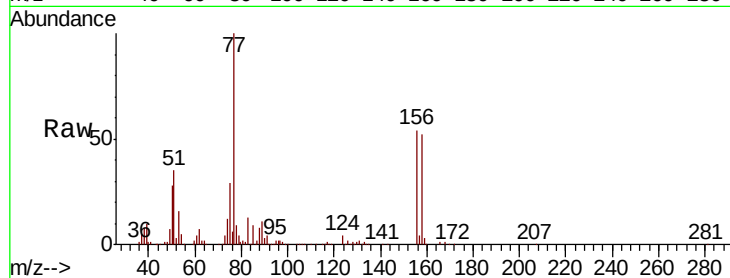
Tot Ion:156 Resp: 135166

Ion Ratio Lower Upper

156 100

77 223.3 112.3 337.0

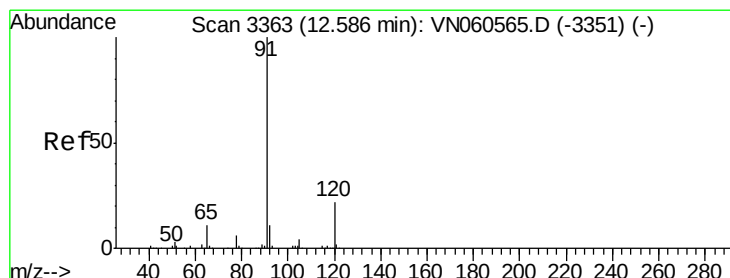
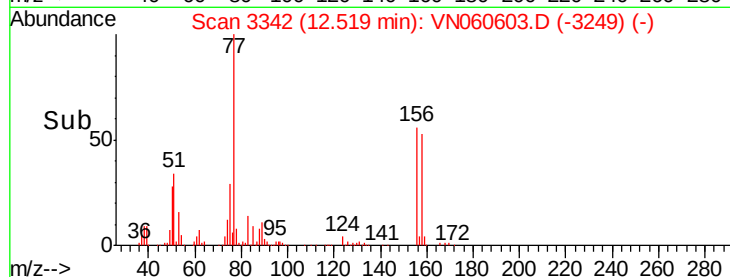
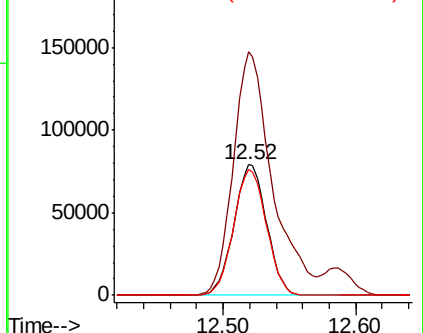
158 96.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.671 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060603.D

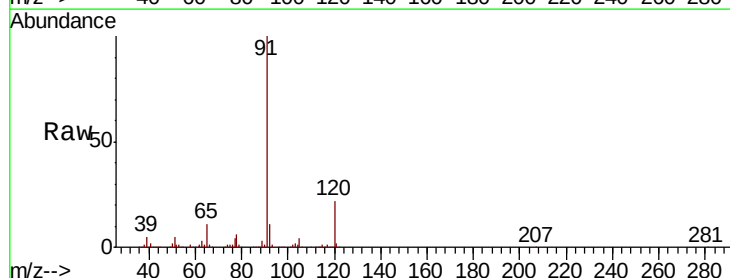
Acq: 18 Mar 2020 19:27

Tgt Ion: 91 Resp: 668140

Ion Ratio Lower Upper

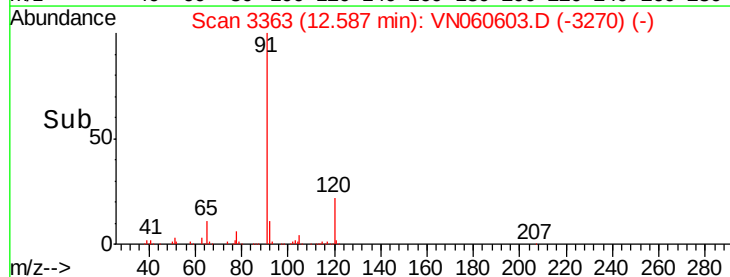
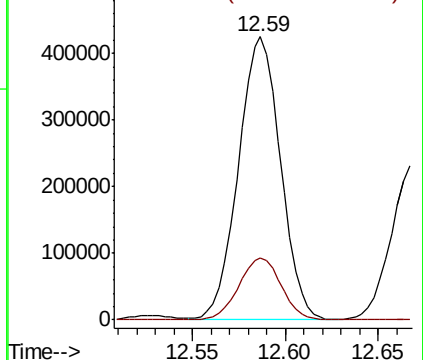
91 100

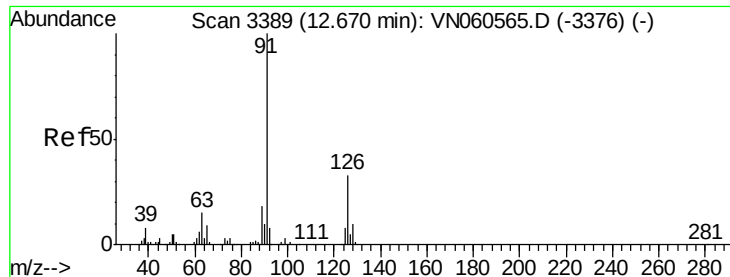
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

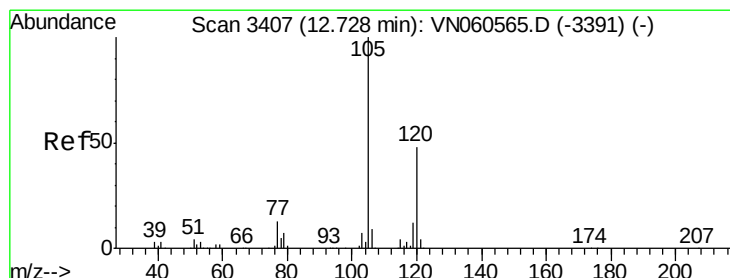
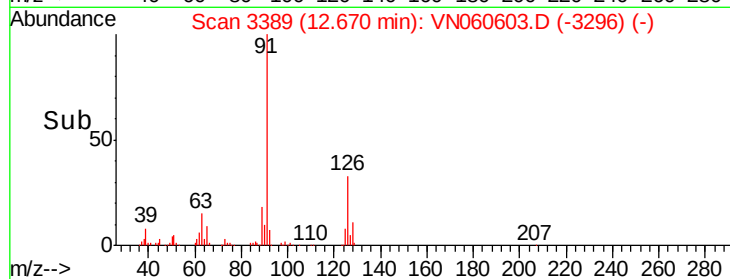
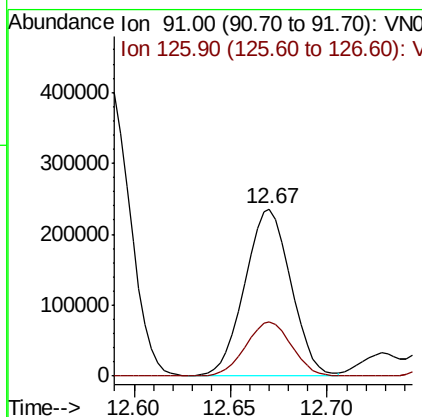
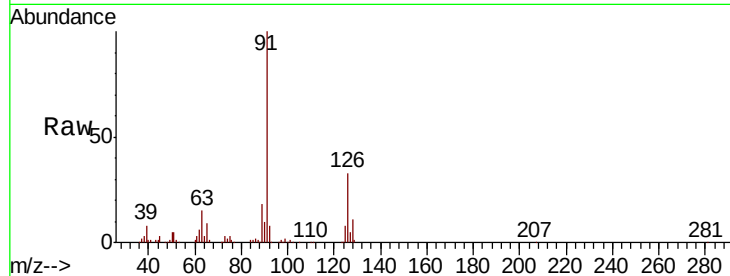




#79
 2-Chlorotoluene
 Concen: 48.412 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

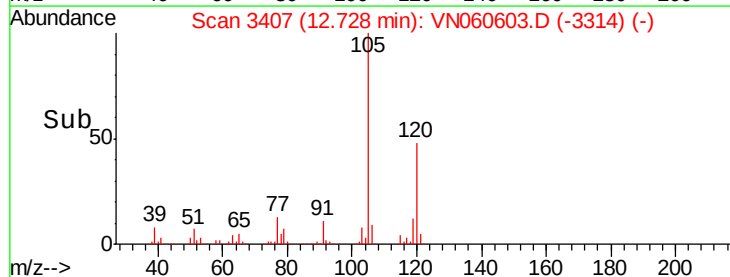
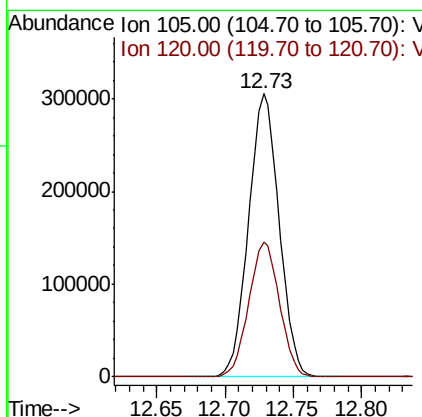
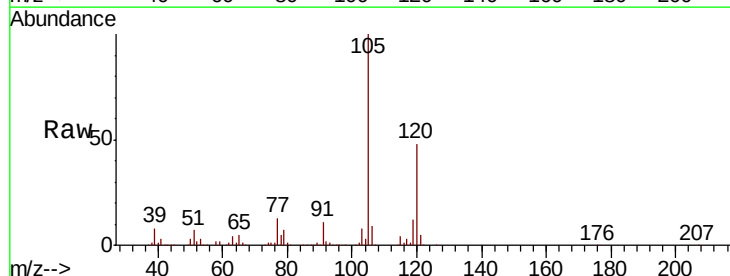
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

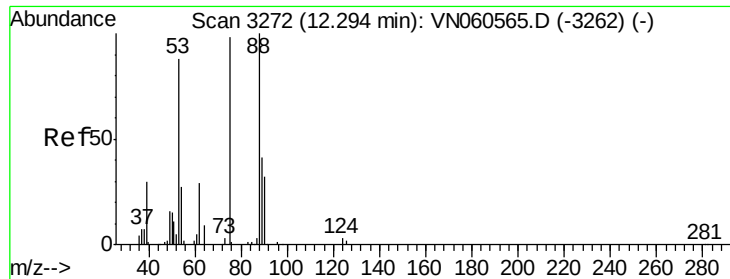
Tot Ion: 91 Resp: 389095
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.071 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion: 105 Resp: 474127
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 49.153 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

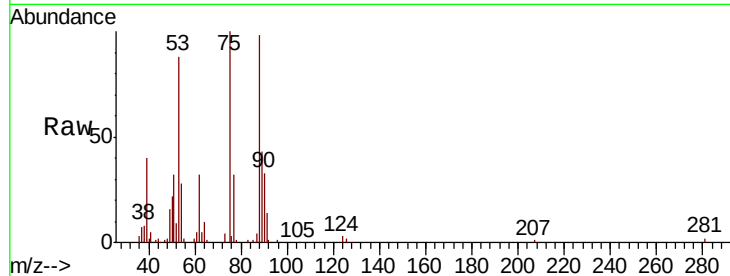
Tot Ion: 75 Resp: 62652

Ion Ratio Lower Upper

75 100

53 89.0 73.0 109.4

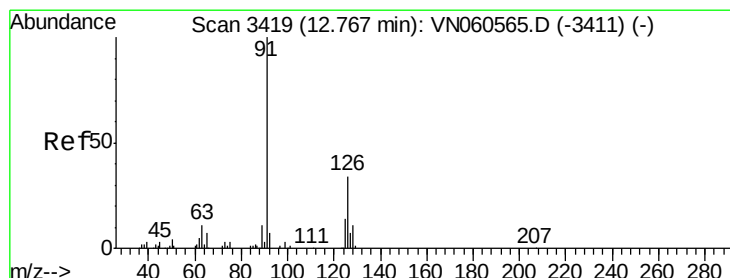
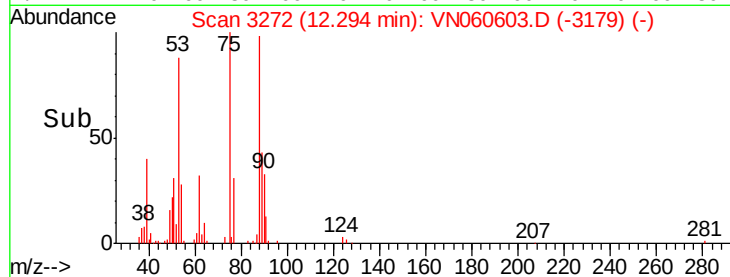
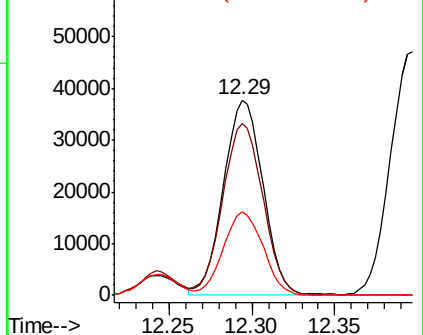
89 43.1 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.333 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN060603.D

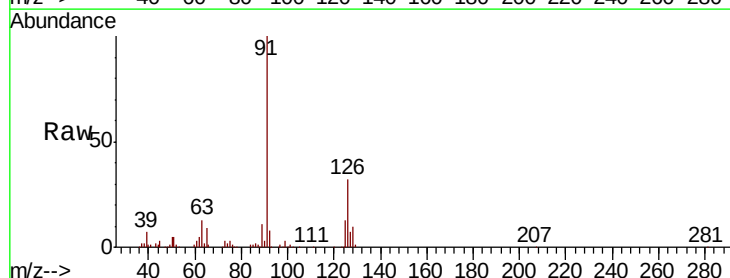
Acq: 18 Mar 2020 19:27

Tgt Ion: 91 Resp: 403820

Ion Ratio Lower Upper

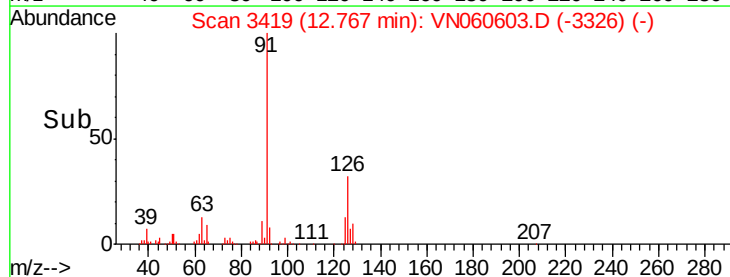
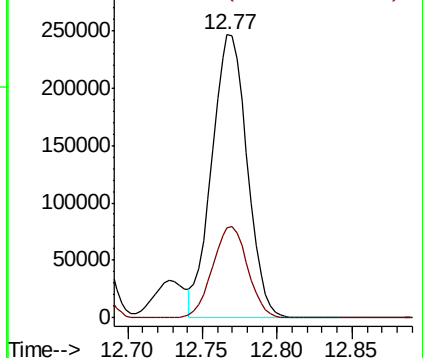
91 100

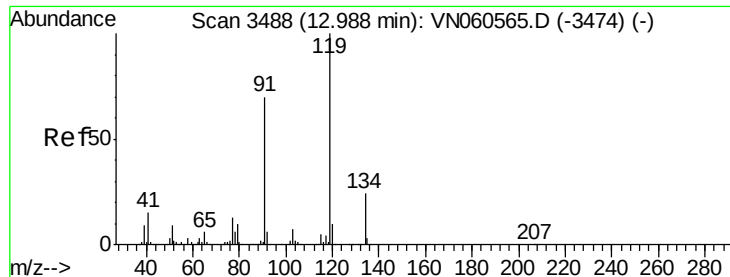
126 32.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

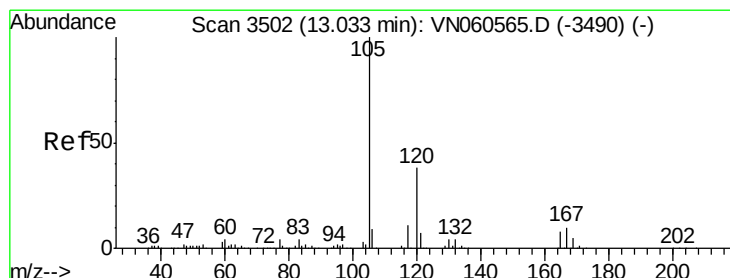
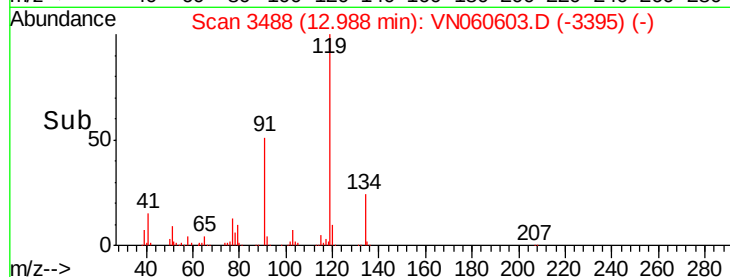
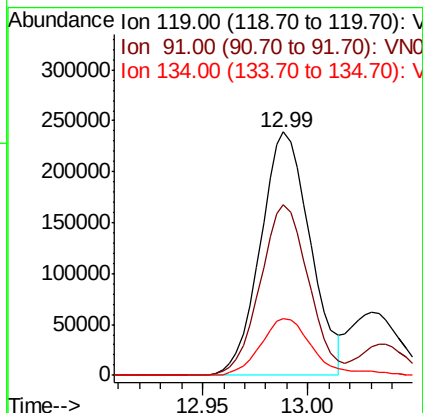
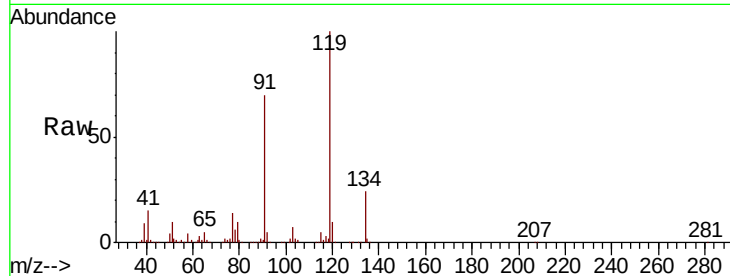




#83
 tert-Butylbenzene
 Concen: 48.933 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

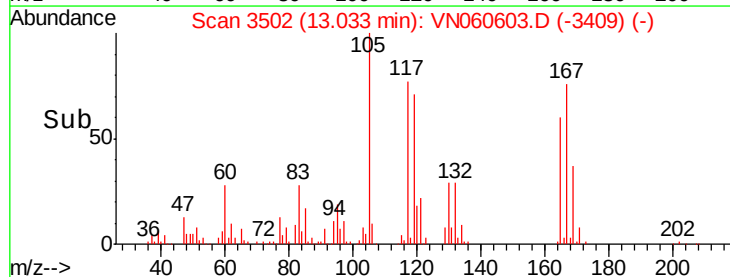
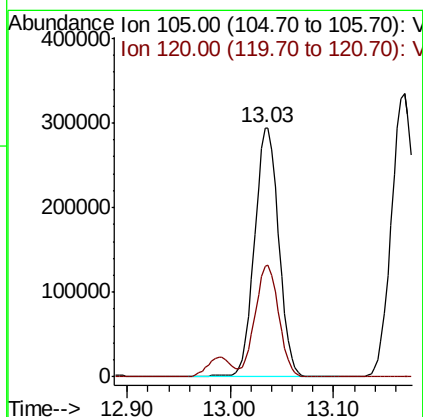
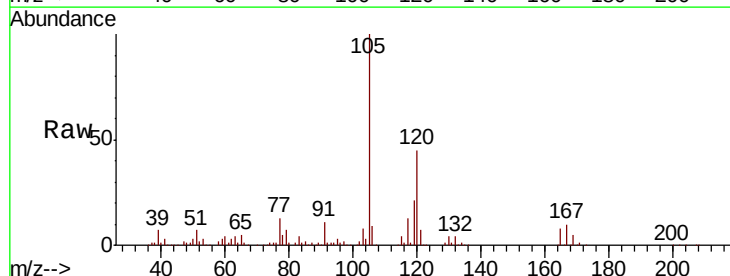
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

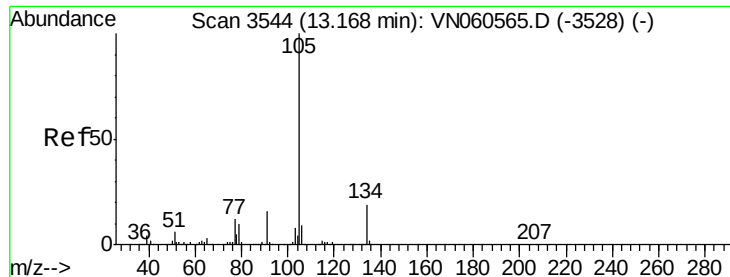
Tot Ion:119 Resp: 391927
 Ion Ratio Lower Upper
 119 100
 91 68.4 34.0 101.8
 134 24.8 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.921 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion:105 Resp: 477178
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 49.359 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

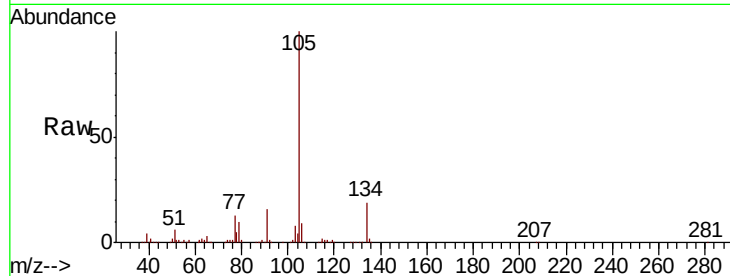
VSTDCCC050EC

Tot Ion:105 Resp: 531621

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

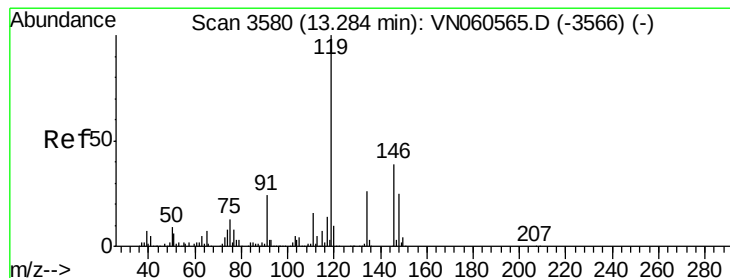
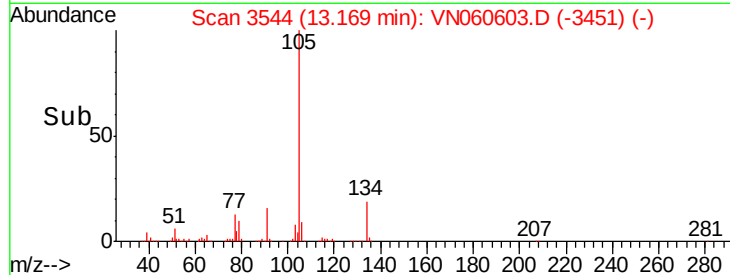
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.999 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

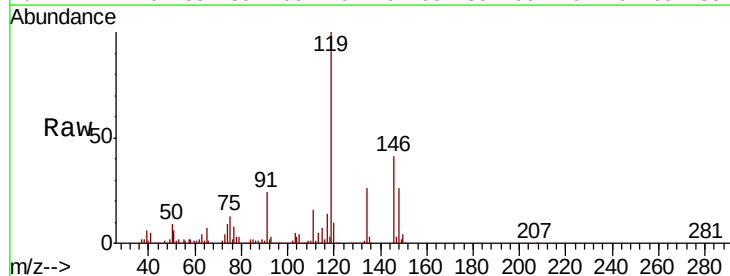
Tgt Ion:119 Resp: 474555

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.3 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

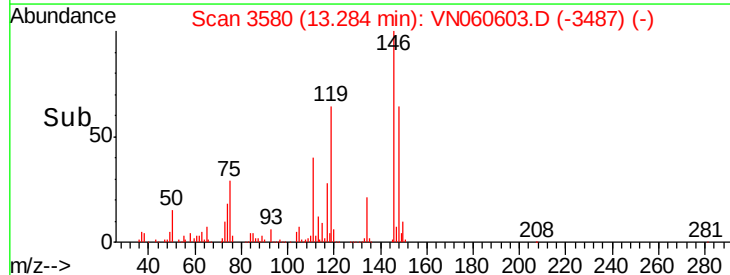
300000

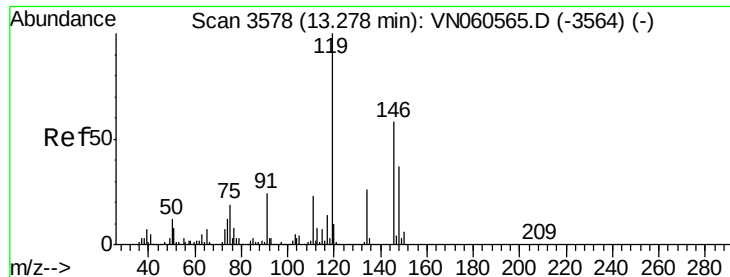
200000

100000

0

Time-->

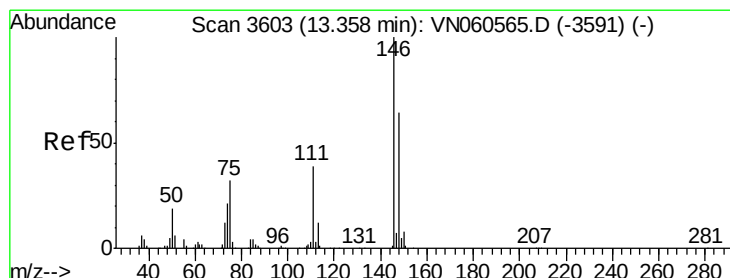
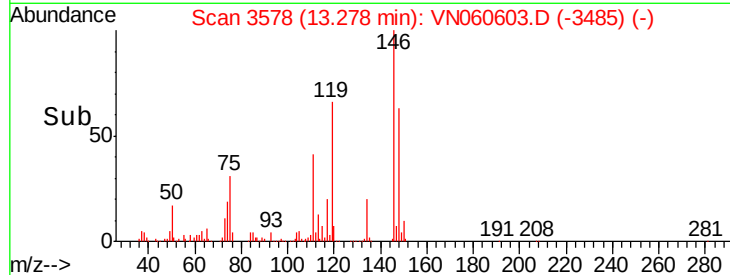
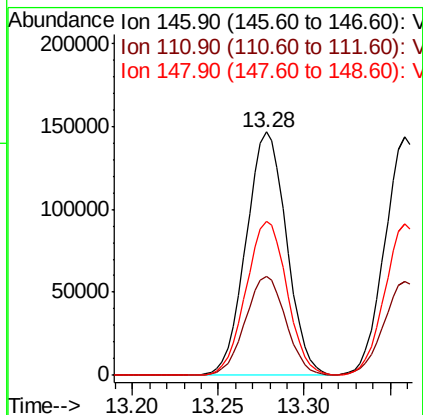
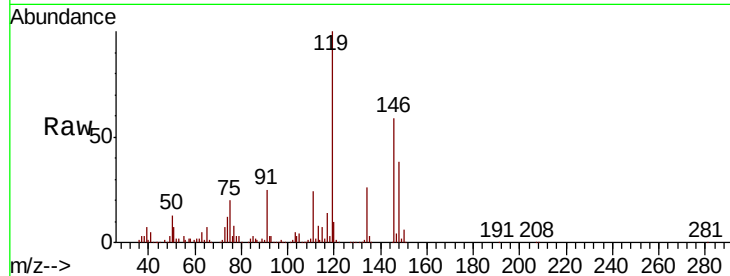




#87
 1,3-Dichlorobenzene
 Concen: 49.477 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

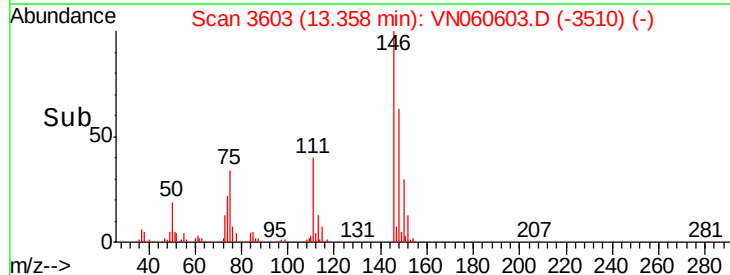
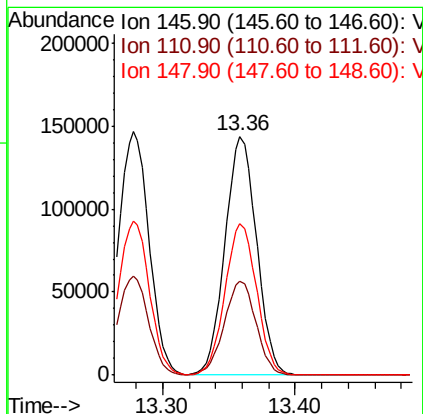
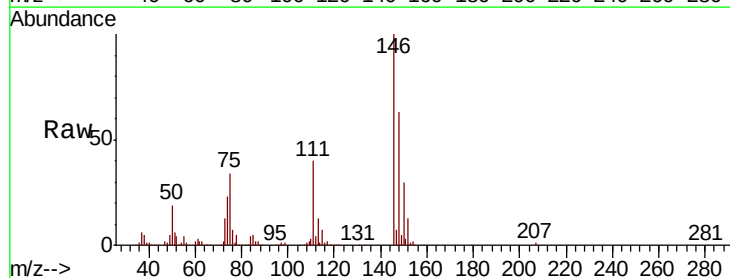
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

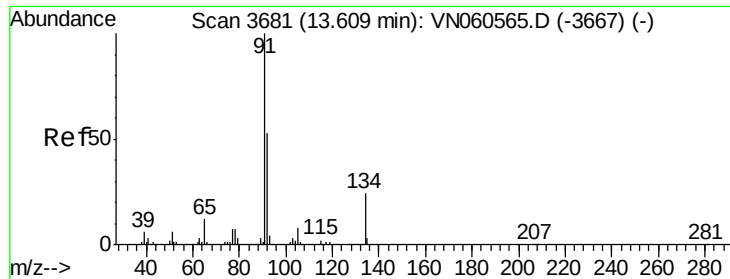
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.8
148	64.1	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 48.913 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	63.4	32.1	96.3

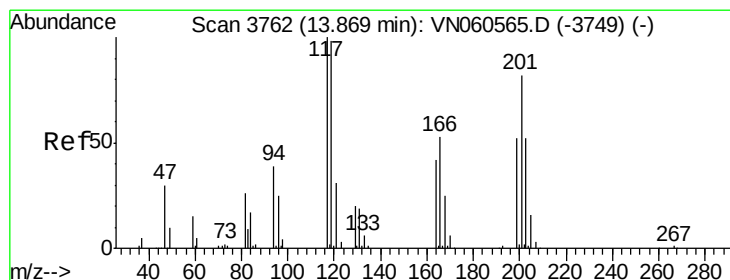
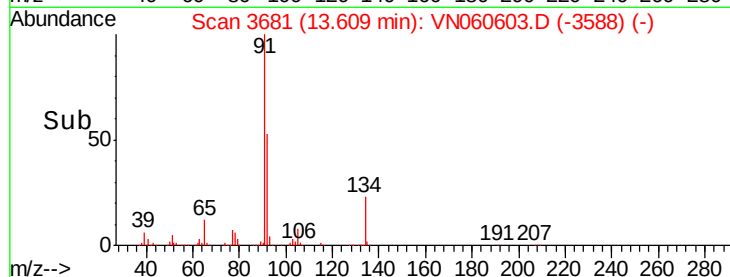
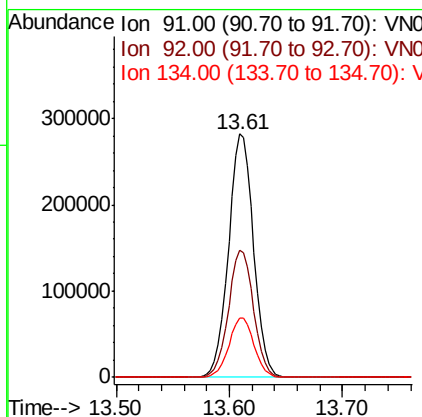
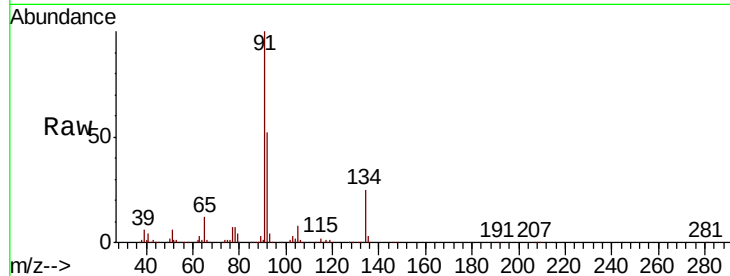




#89
n-Butylbenzene
Concen: 49.318 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

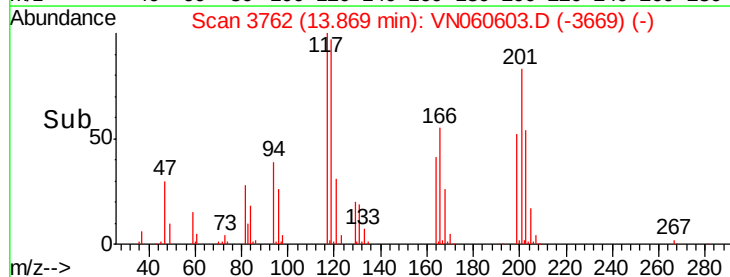
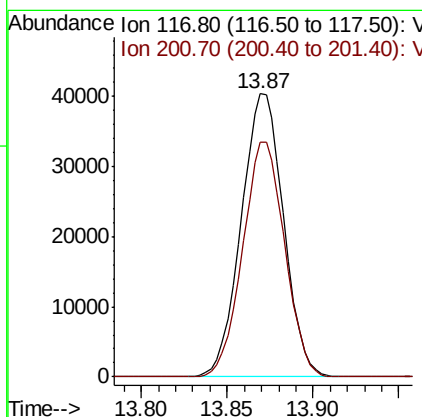
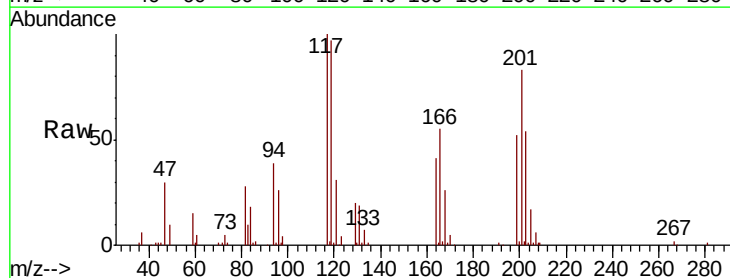
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

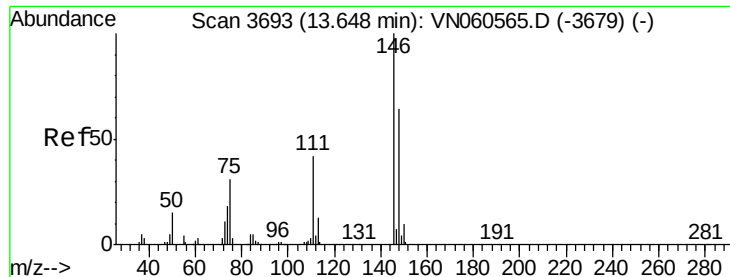
Tot Ion: 91 Resp: 431243
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 24.6 12.3 36.9



#90
Hexachloroethane
Concen: 48.959 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion: 117 Resp: 68925
Ion Ratio Lower Upper
117 100
201 82.4 40.8 122.5

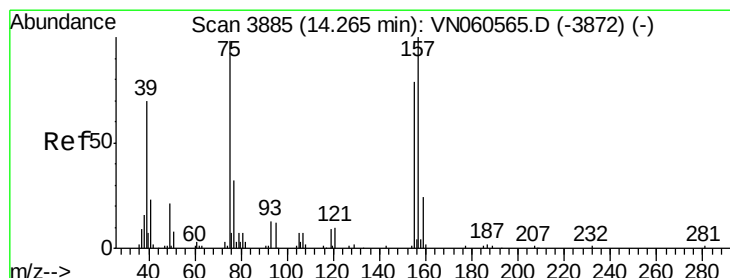
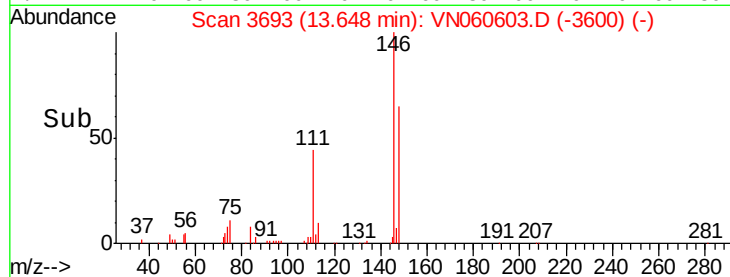
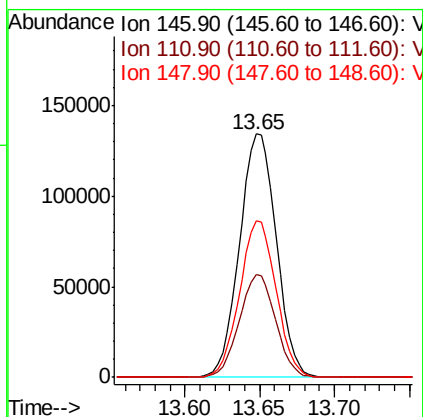
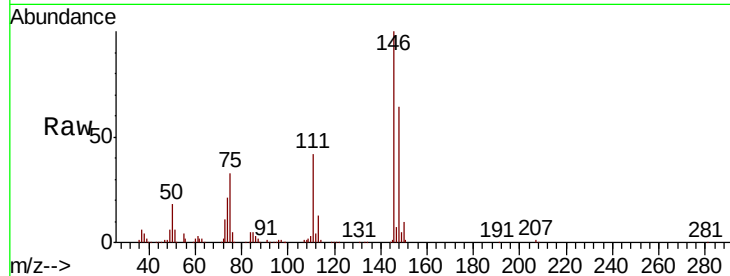




#91
 1,2-Dichlorobenzene
 Concen: 49.658 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

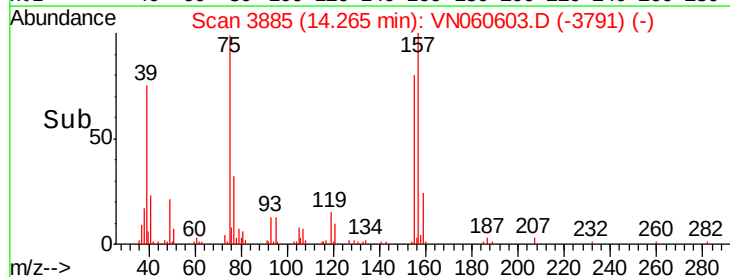
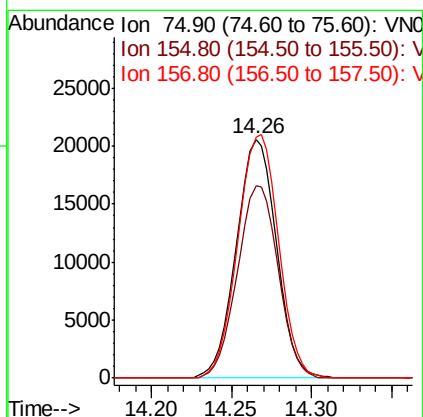
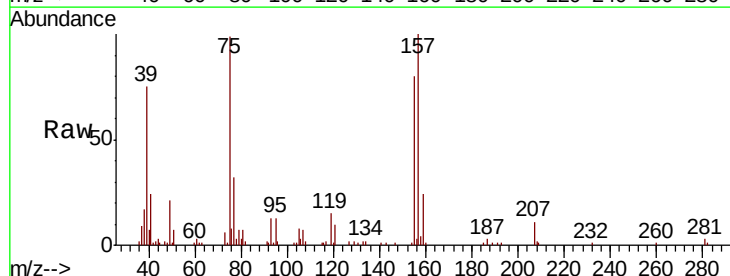
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

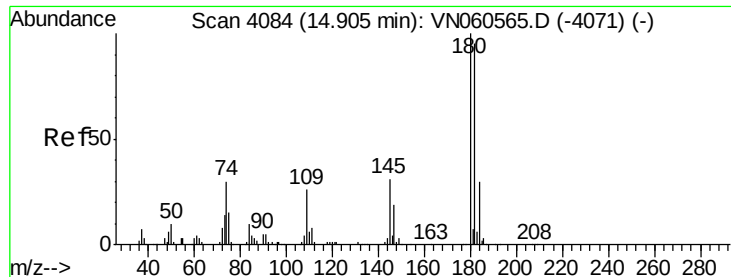
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.0	63.0
148	63.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.812 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	40.7	122.1
157	103.6	51.5	154.7

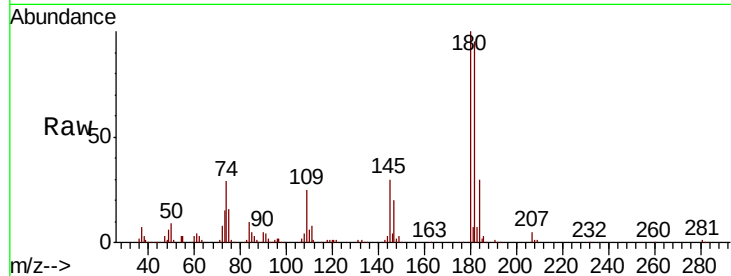




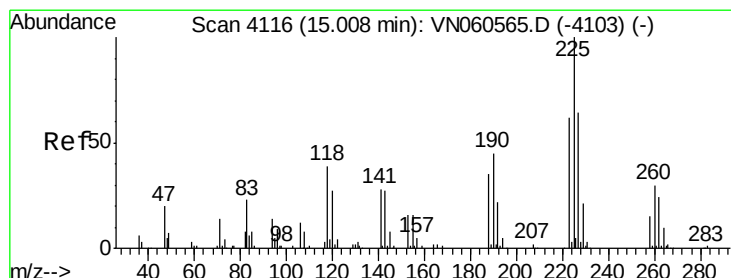
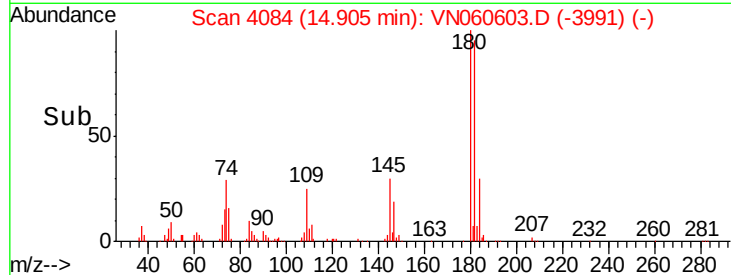
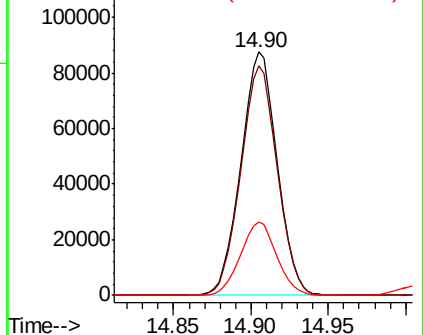
#93
 1,2,4-Trichlorobenzene
 Concen: 50.233 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 142726
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.8
 145 30.1 15.4 46.2

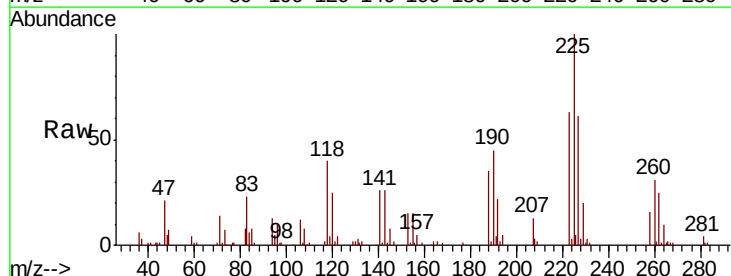


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

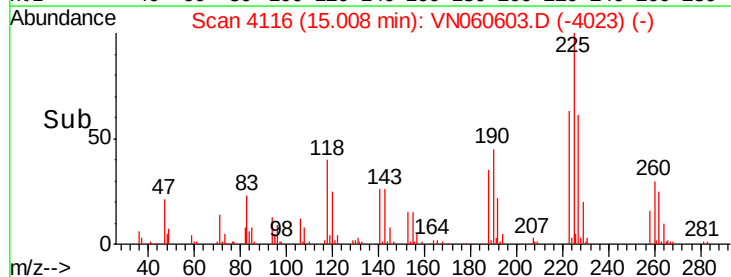
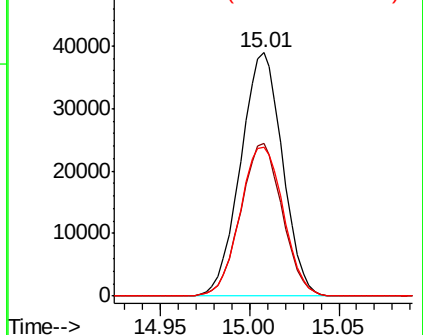


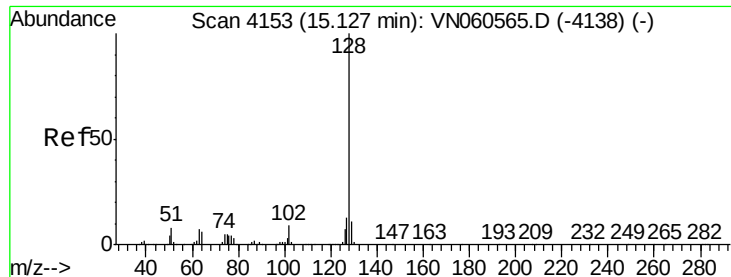
#94
 Hexachlorobutadiene
 Concen: 45.956 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060603.D
 Acq: 18 Mar 2020 19:27

Tgt Ion:225 Resp: 64010
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 63.5 32.3 96.8



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

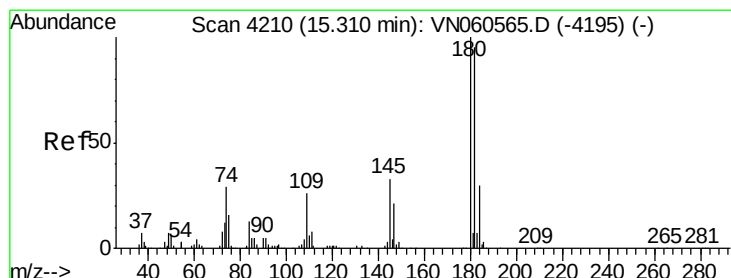
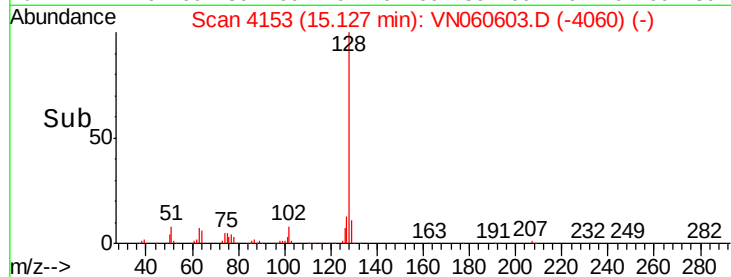
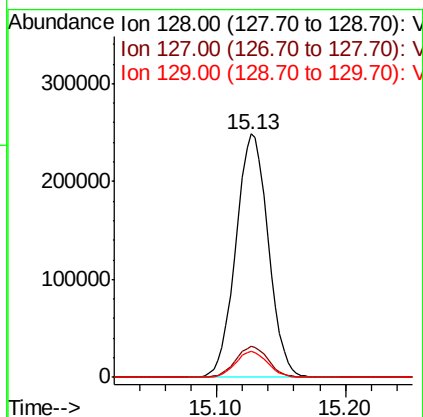
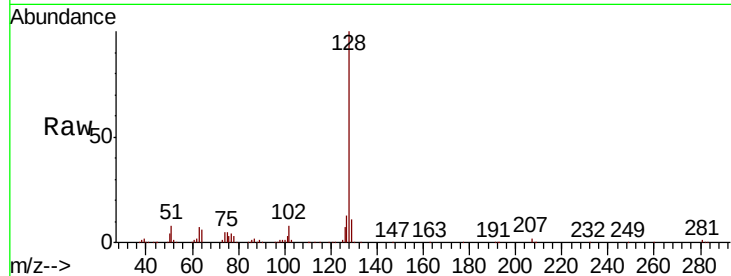




#95
Naphthalene
Concen: 50.749 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 433695
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.224 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060603.D
Acq: 18 Mar 2020 19:27

Tgt Ion:180 Resp: 134958
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 32.7 16.3 48.8

