

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
 Data File : VN059862.D
 Acq On : 27 Jan 2020 9:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 27 14:27:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	307825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	280823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109617	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.56	113	94655	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	10.08	98	352423	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	126759	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	113602	47.72	ug/l	98
3) Chloromethane	2.04	50	106103	45.93	ug/l	99
4) Vinyl Chloride	2.17	62	136313	51.57	ug/l	97
5) Bromomethane	2.53	94	82449	51.11	ug/l	99
6) Chloroethane	2.68	64	63589	50.85	ug/l	100
7) Trichlorofluoromethane	3.00	101	163069	51.37	ug/l	100
8) Diethyl Ether	3.38	74	59378	53.30	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.74	101	95777	54.21	ug/l	93
10) Methyl Iodide	3.93	142	142955	50.06	ug/l	95
11) Tert butyl alcohol	4.73	59	89499	237.23	ug/l	98
12) 1,1-Dichloroethene	3.72	96	93736	50.77	ug/l	88
13) Acrolein	3.58	56	60882	227.97	ug/l	99
14) Allyl chloride	4.29	41	124142	49.89	ug/l	# 83
15) Acrylonitrile	4.94	53	216911	252.06	ug/l	100
16) Acetone	3.78	43	287199	380.99	ug/l	97
17) Carbon Disulfide	4.03	76	238007	45.25	ug/l	99
18) Methyl Acetate	4.28	43	133710	51.08	ug/l	# 90
19) Methyl tert-butyl Ether	5.00	73	311968	51.83	ug/l	95
20) Methylene Chloride	4.52	84	103157	50.90	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	98052	49.96	ug/l	87
22) Diisopropyl ether	5.91	45	287707	51.02	ug/l	# 96
23) Vinyl Acetate	5.86	43	1118301	256.12	ug/l	# 94
24) 1,1-Dichloroethane	5.82	63	175492	50.93	ug/l	96
25) 2-Butanone	6.80	43	338206	266.50	ug/l	# 89
26) 2,2-Dichloropropane	6.79	77	168765	50.94	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	117484	52.05	ug/l	88
28) Bromochloromethane	7.17	49	67731	49.18	ug/l	# 75
29) Tetrahydrofuran	7.18	42	183989	234.32	ug/l	# 86
30) Chloroform	7.35	83	187504	52.52	ug/l	99
31) Cyclohexane	7.63	56	149271	45.02	ug/l	88
32) 1,1,1-Trichloroethane	7.55	97	171715	52.02	ug/l	96
36) 1,1-Dichloropropene	7.77	75	136881	51.06	ug/l	96
37) Ethyl Acetate	6.89	43	120425	47.90	ug/l	97
38) Carbon Tetrachloride	7.75	117	154174	52.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	165934	50.20	ug/l	91
40) Benzene	8.02	78	412310	51.57	ug/l	100
41) Methacrylonitrile	7.18	41	173638	140.21	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	143859	53.07	ug/l	96
43) Isopropyl Acetate	8.14	43	213548	49.38	ug/l #	95
44) Trichloroethene	8.82	130	120228	55.09	ug/l	91
45) 1,2-Dichloropropane	9.10	63	104864	53.01	ug/l	99
46) Dibromomethane	9.19	93	75310	53.97	ug/l	91
47) Bromodichloromethane	9.38	83	154005	54.76	ug/l	99
48) Methyl methacrylate	9.18	41	93945	48.57	ug/l	90
49) 1,4-Dioxane	9.18	88	36799	1039.19	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	612345	244.95	ug/l	95
52) Toluene	10.14	92	266739	52.82	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	170984	54.45	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	180498	54.63	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	106723	53.36	ug/l	98
56) Ethyl methacrylate	10.42	69	155377	50.84	ug/l	91
57) 1,3-Dichloropropane	10.70	76	171500	54.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	206102	223.91	ug/l	91
59) 2-Hexanone	10.74	43	483727	262.65	ug/l	93
60) Dibromochloromethane	10.89	129	127899	56.16	ug/l	98
61) 1,2-Dibromoethane	10.99	107	112539	53.69	ug/l	100
64) Tetrachloroethene	10.62	164	124790	54.52	ug/l	95
65) Chlorobenzene	11.43	112	293261	53.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	115824	54.31	ug/l	98
67) Ethyl Benzene	11.50	91	526430	52.54	ug/l	97
68) m/p-Xylenes	11.62	106	400623	105.85	ug/l	95
69) o-Xylene	11.94	106	193407	52.19	ug/l	94
70) Styrene	11.96	104	324057	52.26	ug/l	97
71) Bromoform	12.12	173	96502	56.49	ug/l #	100
73) Isopropylbenzene	12.24	105	525742	52.24	ug/l	99
74) N-amyl acetate	12.06	43	186430	47.74	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	147482	50.55	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	200925	87.01	ug/l #	100
77) Bromobenzene	12.52	156	134931	52.95	ug/l	80
78) n-propylbenzene	12.59	91	598284	52.97	ug/l	98
79) 2-Chlorotoluene	12.67	91	348603	51.88	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	442891	52.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	55499	51.61	ug/l	94
82) 4-Chlorotoluene	12.77	91	358364	53.17	ug/l	96
83) tert-Butylbenzene	12.99	119	387684	52.97	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	444860	53.13	ug/l	98
85) sec-Butylbenzene	13.17	105	510359	53.07	ug/l	99
86) p-Isopropyltoluene	13.28	119	469284	52.74	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	239878	54.19	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	237686	53.82	ug/l	97
89) n-Butylbenzene	13.61	91	406471	53.57	ug/l	98
90) Hexachloroethane	13.87	117	88279	53.02	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	233112	53.27	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30564	48.76	ug/l	81

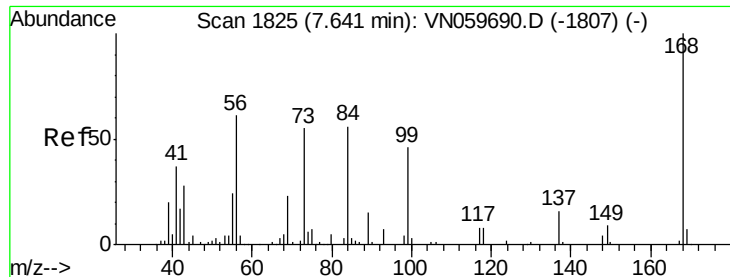
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	138398	52.63	ug/l	97
94) Hexachlorobutadiene	15.01	225	76404	52.73	ug/l	100
95) Naphthalene	15.13	128	364044	48.67	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	132250	51.67	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

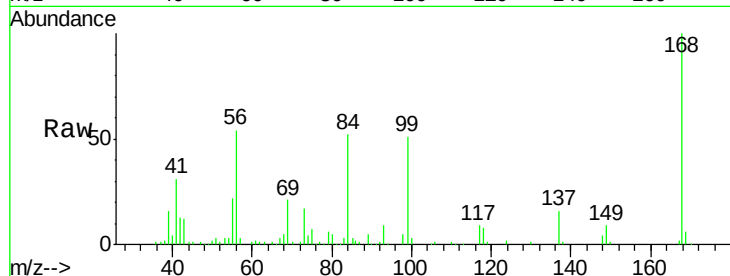
VSTDCCC050

Tgt Ion: 168 Resp: 201798

Ion Ratio Lower Upper

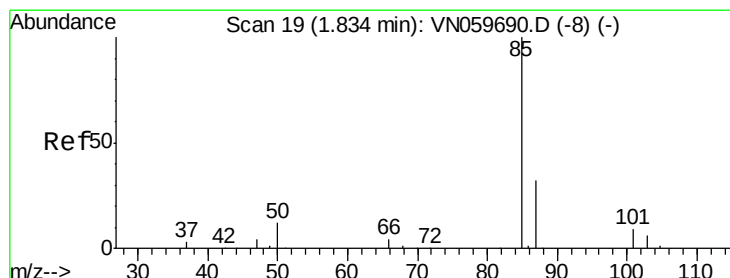
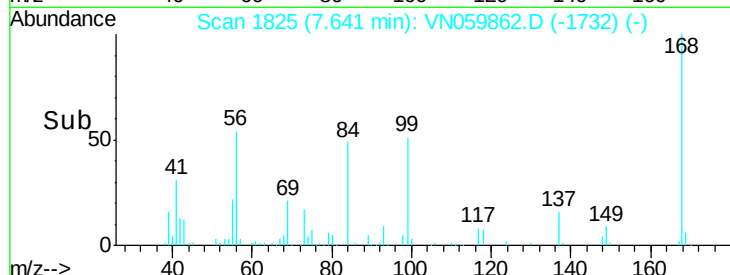
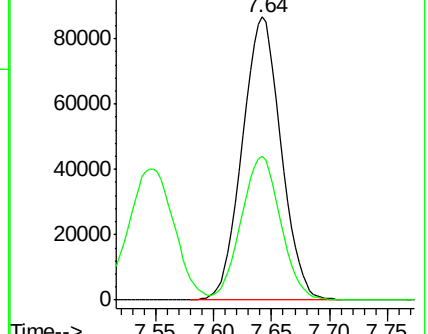
168 100

99 50.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 47.72 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059862.D

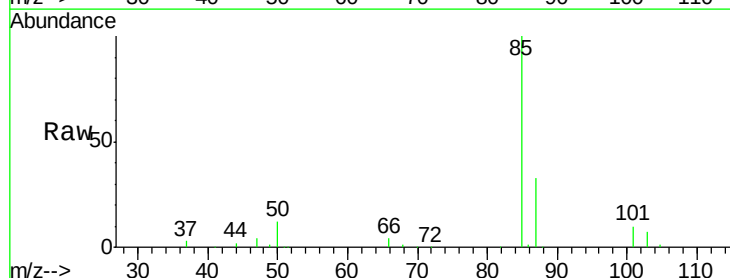
Acq: 27 Jan 2020 9:48

Tgt Ion: 85 Resp: 113602

Ion Ratio Lower Upper

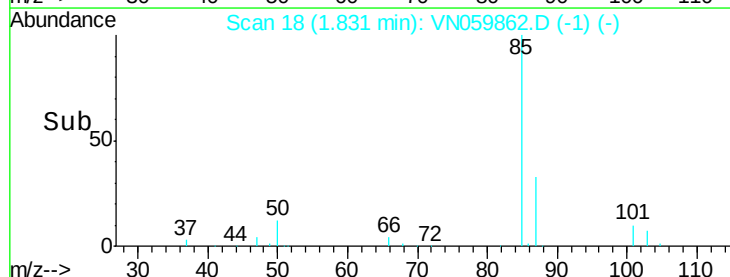
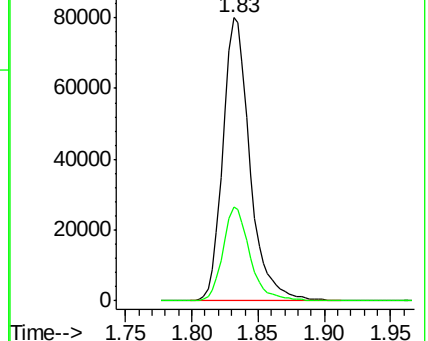
85 100

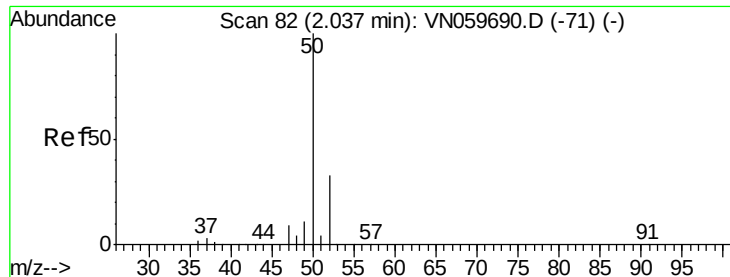
87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

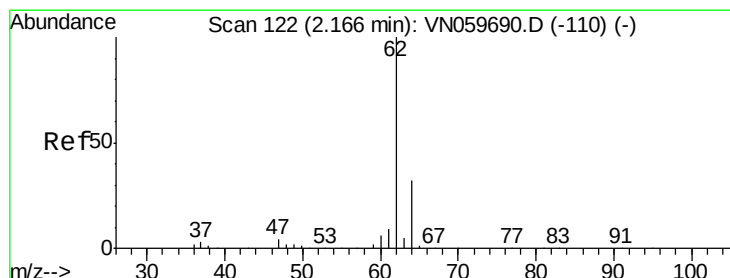
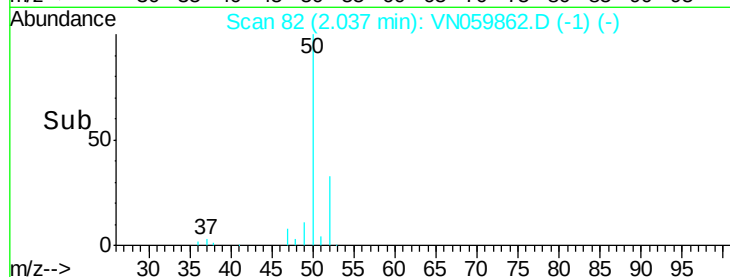
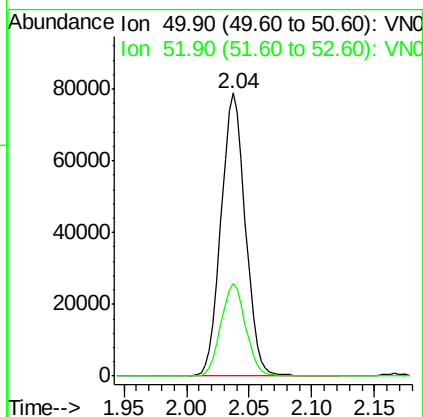
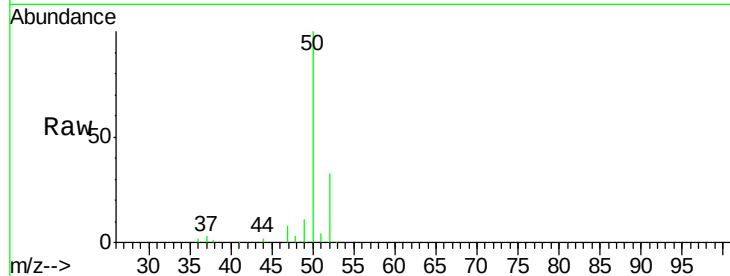




#3
 Chloromethane
 Concen: 45.93 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

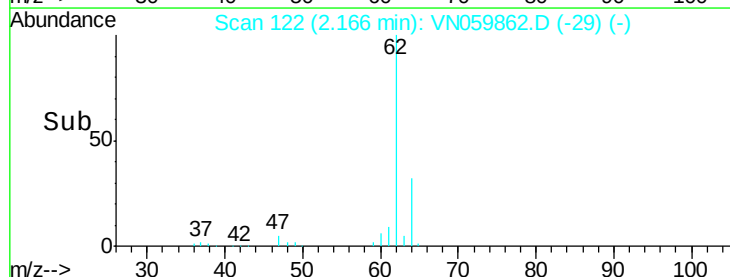
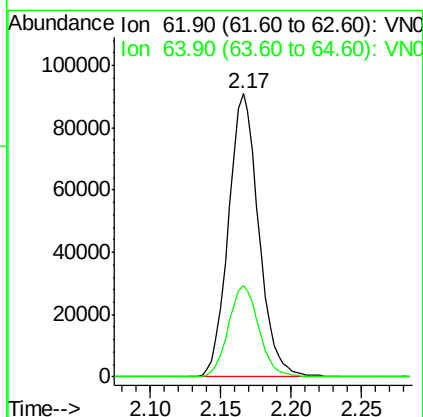
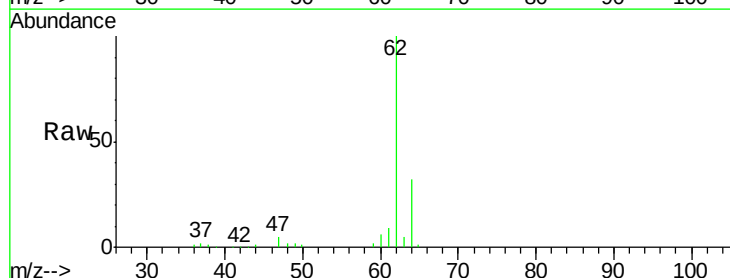
Instrument :
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 VSTDCCC050

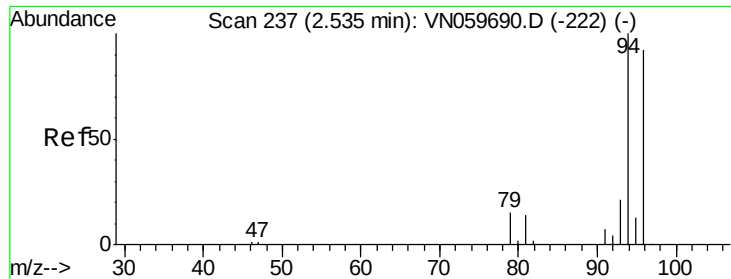
Tgt Ion: 50 Resp: 106103
 Ion Ratio Lower Upper
 50 100
 52 32.7 25.9 38.9



#4
 Vinyl Chloride
 Concen: 51.57 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 62 Resp: 136313
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.6 37.0

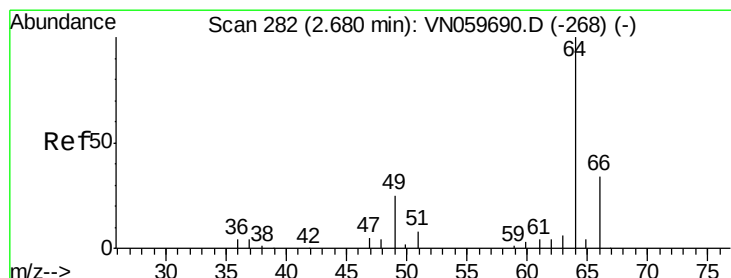
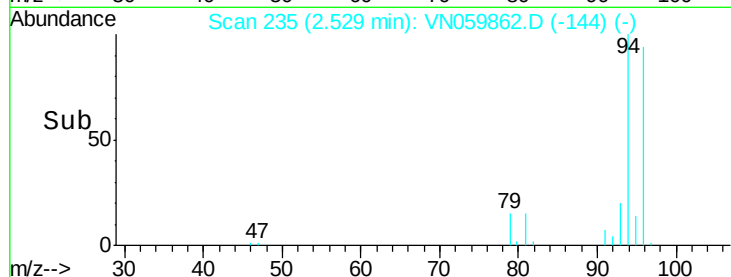
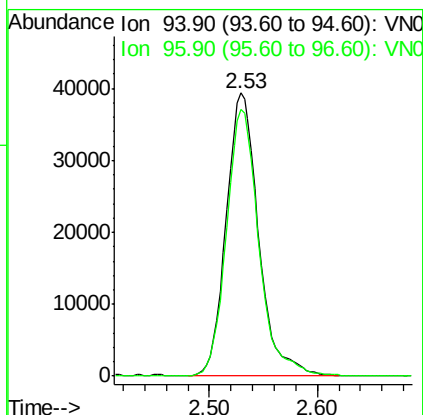
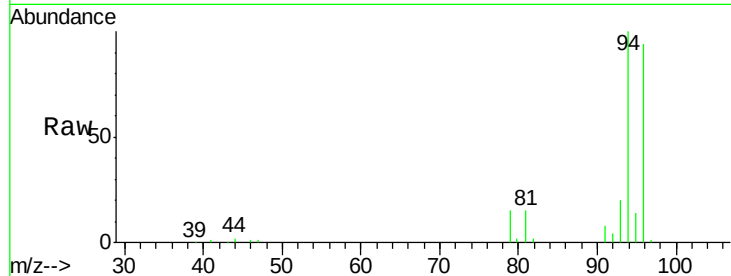




#5
Bromomethane
Concen: 51.11 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

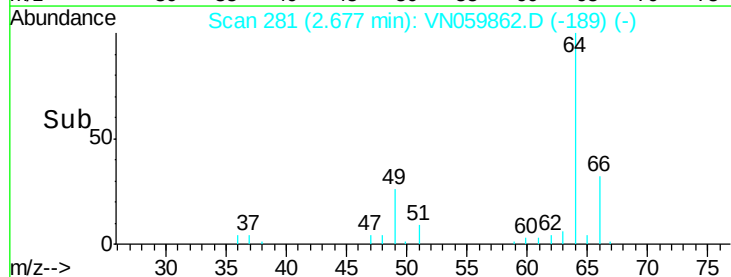
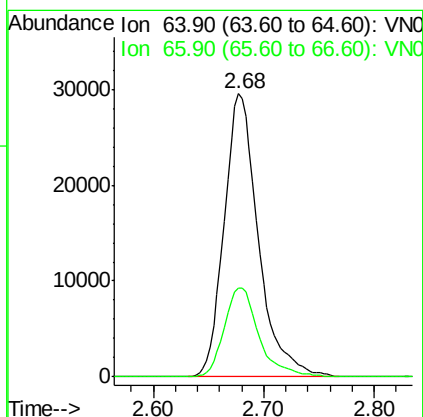
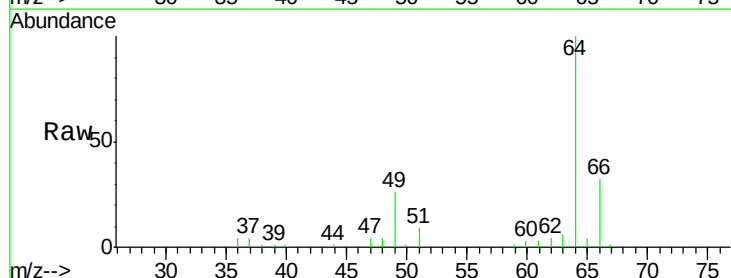
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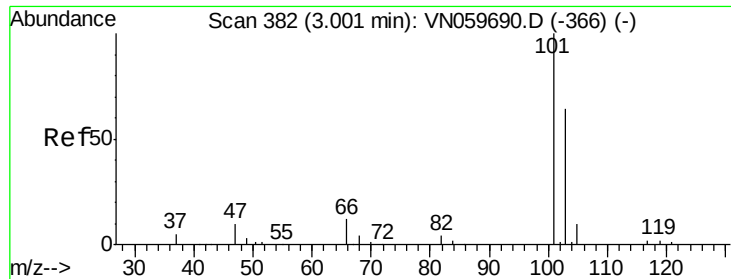
Tgt Ion: 94 Resp: 82449
Ion Ratio Lower Upper
94 100
96 94.2 74.7 112.1



#6
Chloroethane
Concen: 50.85 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion: 64 Resp: 63589
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7



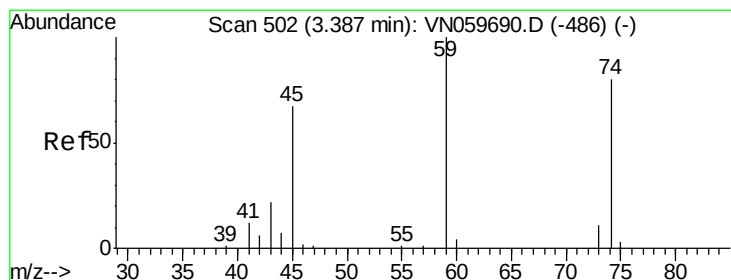
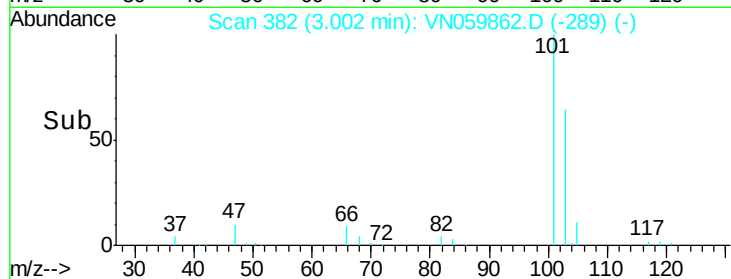
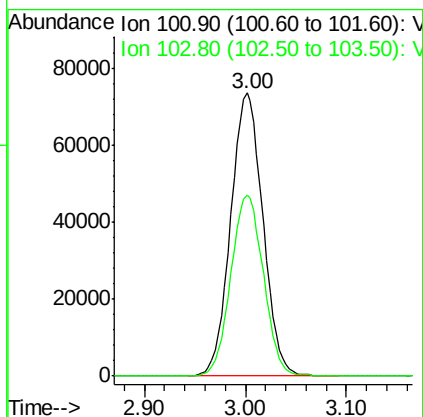
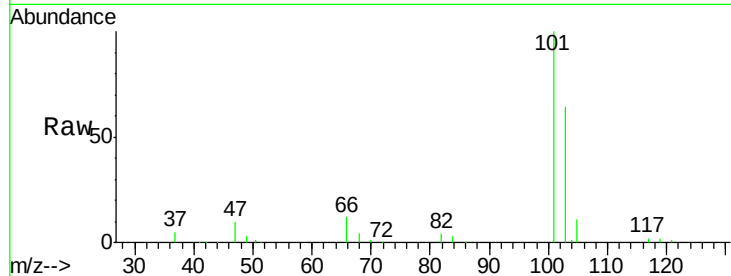


#7

Trichlorofluoromethane
 Concen: 51.37 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

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 VSTDCCC050

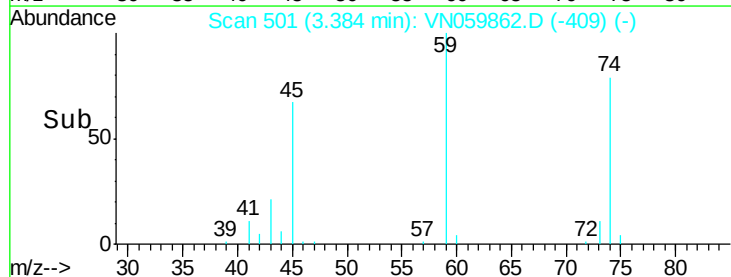
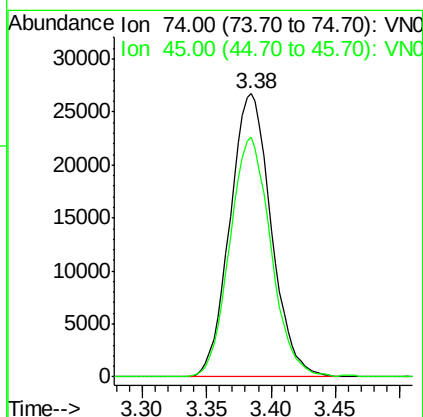
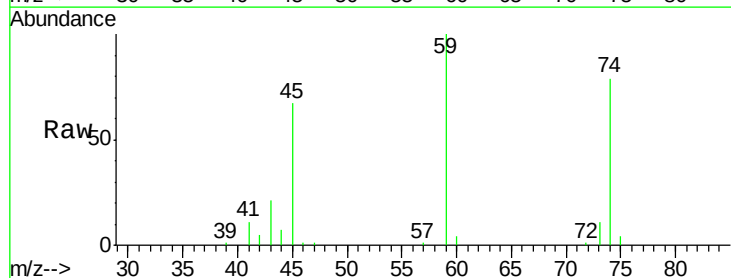
Tgt Ion: 101 Resp: 163069
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.6

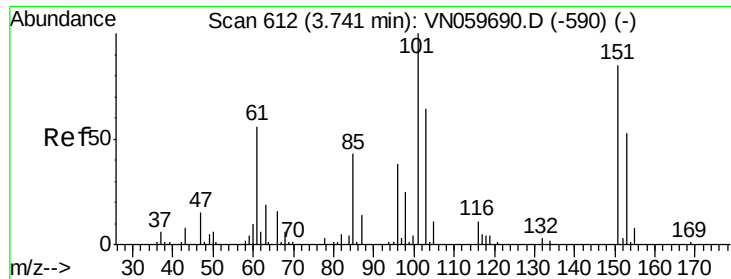


#8

Diethyl Ether
 Concen: 53.30 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 74 Resp: 59378
 Ion Ratio Lower Upper
 74 100
 45 84.2 51.9 155.8

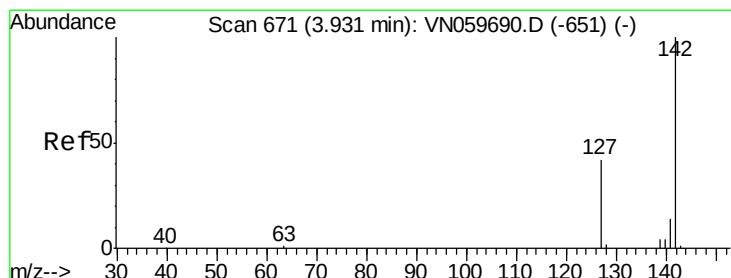
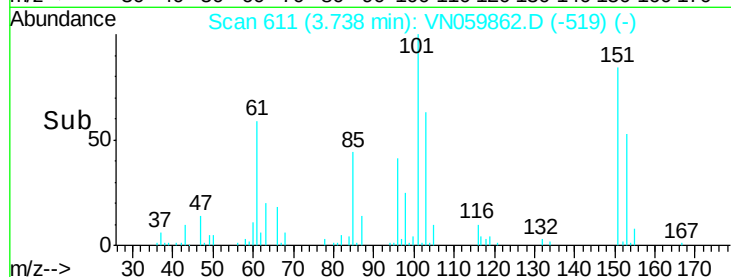
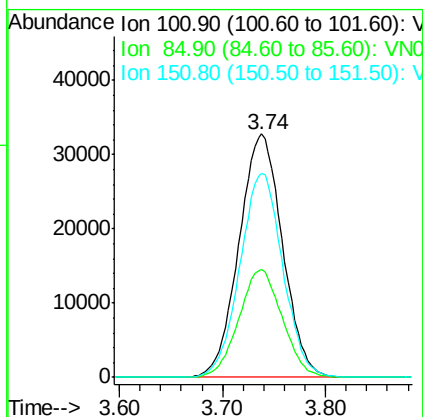
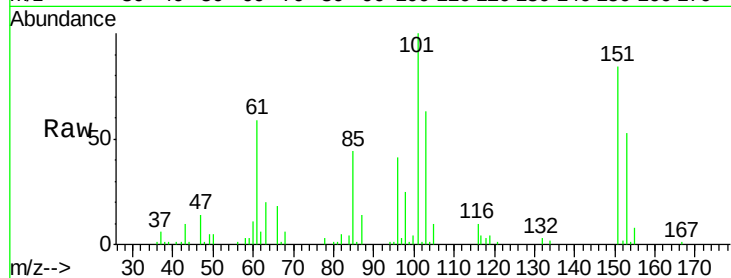




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.21 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059862.D
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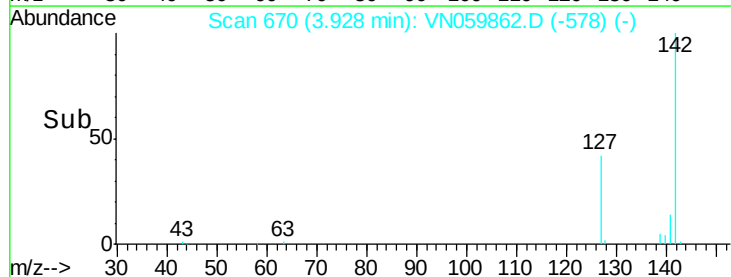
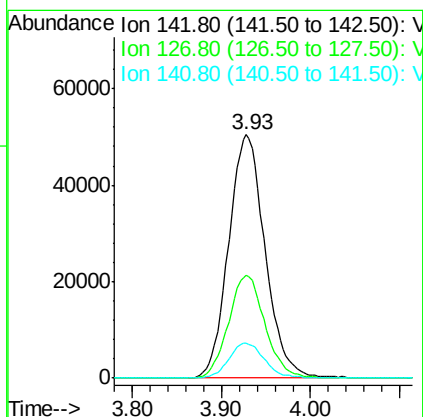
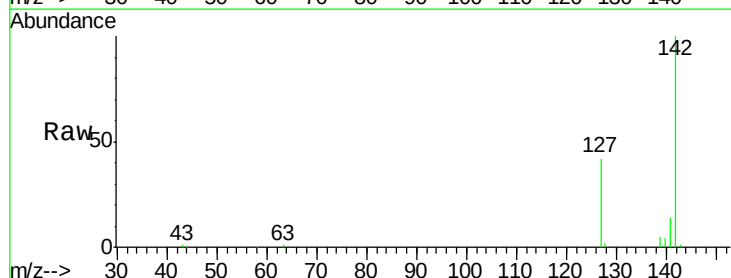
Instrument :
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 ClientSampleId :
 VSTDCCC050

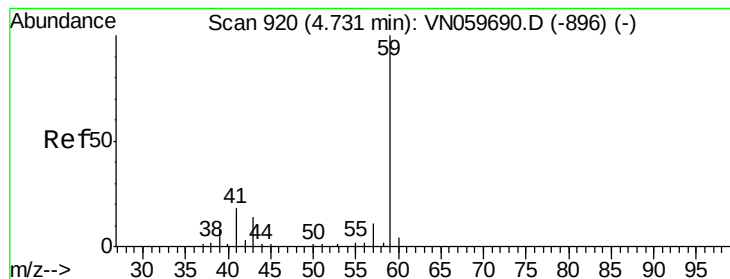
Tgt Ion:101 Resp: 95777
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.6 54.8
 151 83.0 59.7 89.5



#10
 Methyl Iodide
 Concen: 50.06 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion:142 Resp: 142955
 Ion Ratio Lower Upper
 142 100
 127 42.2 36.7 55.1
 141 14.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 237.23 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

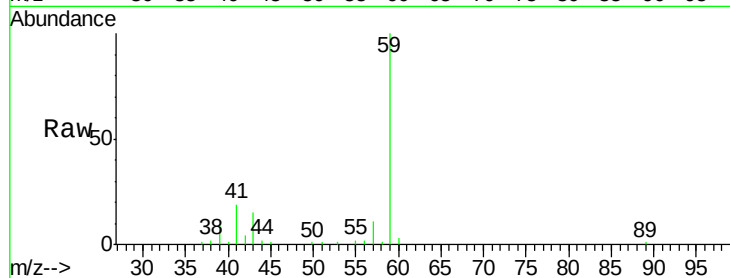
VSTDCCC050

Tgt Ion: 59 Resp: 89499

Ion Ratio Lower Upper

59 100

57 10.0 8.6 12.8

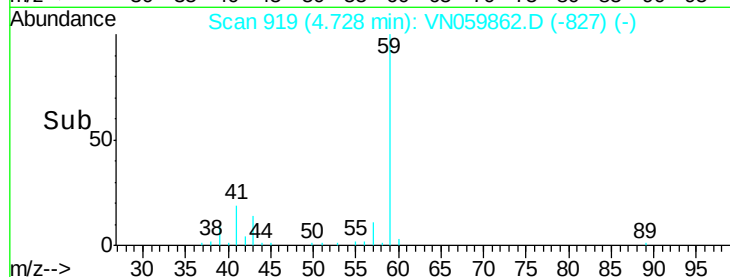


Abundance Ion 59.00 (58.70 to 59.70): VN059862.D (-827) (-)

Ion 57.00 (56.70 to 57.70): VN059862.D (-827) (-)

4.73

Time-->



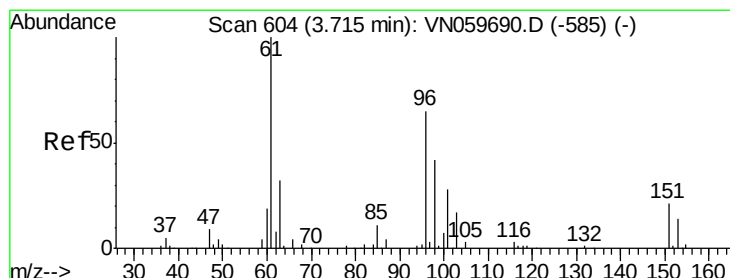
Abundance

Ion 59.00 (58.70 to 59.70): VN059862.D (-827) (-)

Ion 57.00 (56.70 to 57.70): VN059862.D (-827) (-)

4.73

Time-->



#12

1,1-Dichloroethene

Concen: 50.77 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

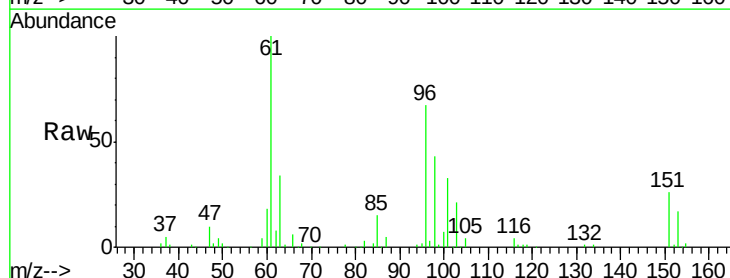
Tgt Ion: 96 Resp: 93736

Ion Ratio Lower Upper

96 100

61 150.3 137.5 206.3

98 64.2 50.2 75.4



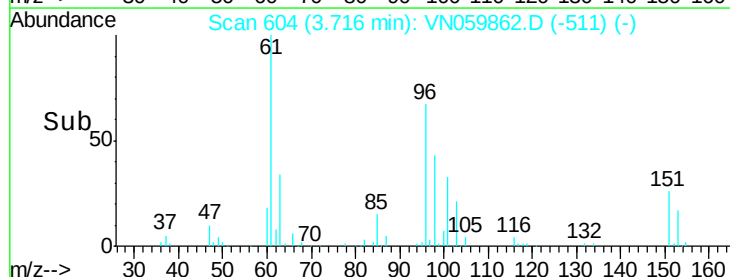
Abundance Ion 95.90 (95.60 to 96.60): VN059862.D (-511) (-)

Ion 60.90 (60.60 to 61.60): VN059862.D (-511) (-)

Ion 97.90 (97.60 to 98.60): VN059862.D (-511) (-)

3.72

Time-->



Abundance

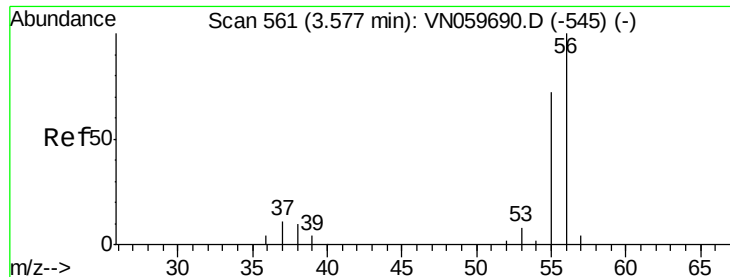
Ion 95.90 (95.60 to 96.60): VN059862.D (-511) (-)

Ion 60.90 (60.60 to 61.60): VN059862.D (-511) (-)

Ion 97.90 (97.60 to 98.60): VN059862.D (-511) (-)

3.72

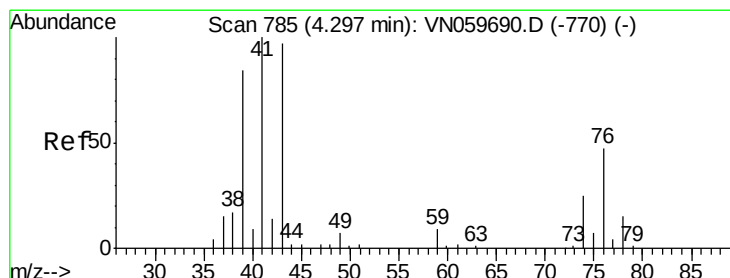
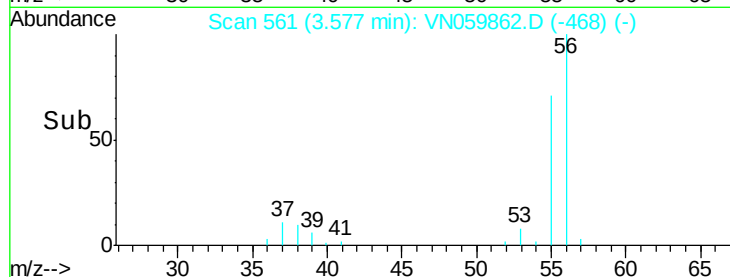
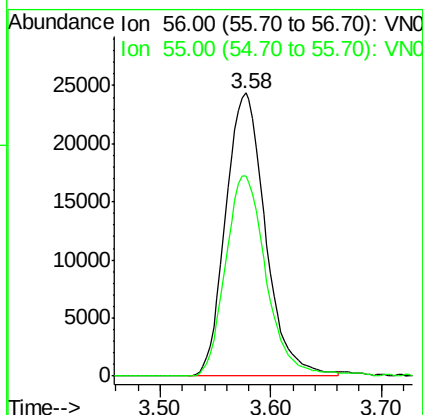
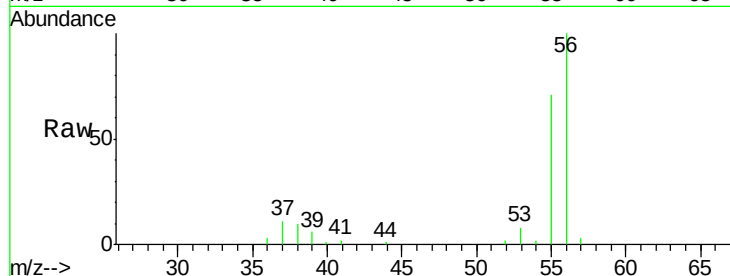
Time-->



#13
 Acrolein
 Concen: 227.97 ug/l
 RT: 3.58 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

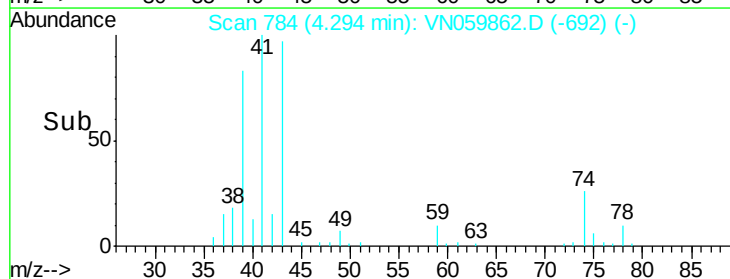
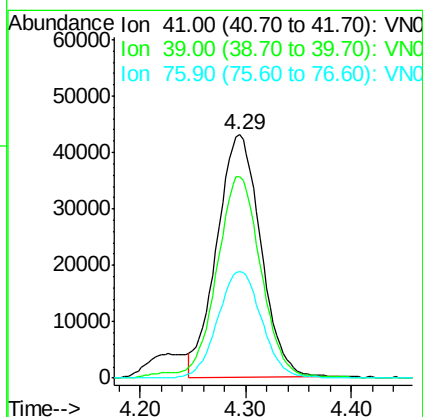
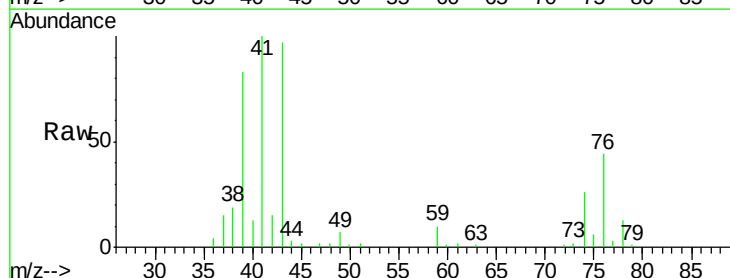
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

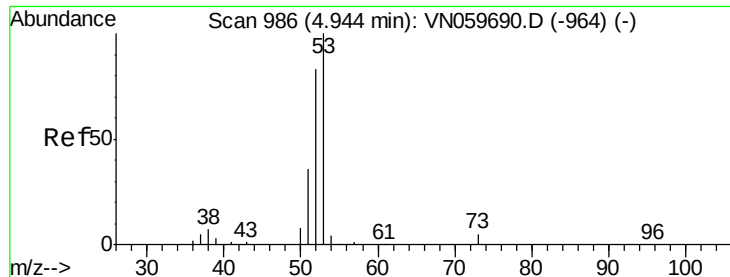
Tgt Ion: 56 Resp: 60882
 Ion Ratio Lower Upper
 56 100
 55 72.1 58.6 88.0



#14
 Allyl chloride
 Concen: 49.89 ug/l
 RT: 4.29 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 41 Resp: 124142
 Ion Ratio Lower Upper
 41 100
 39 84.5 57.8 86.8
 76 44.0 25.4 38.0#





#15

Acrylonitrile

Concen: 252.06 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

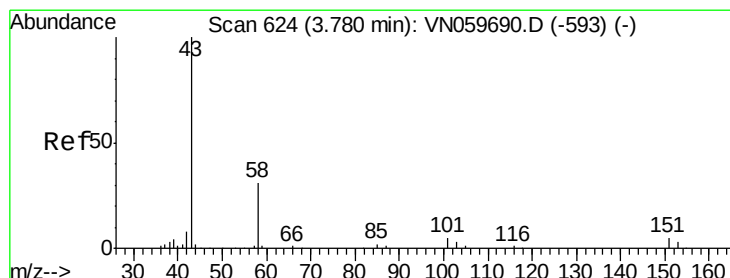
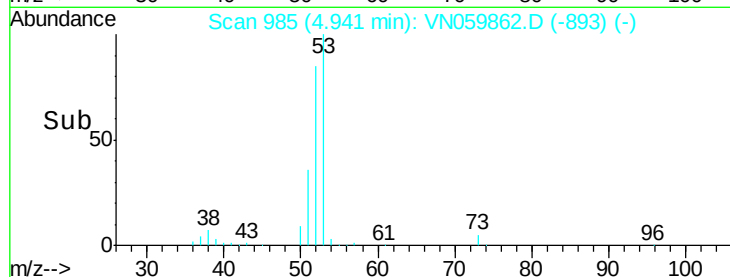
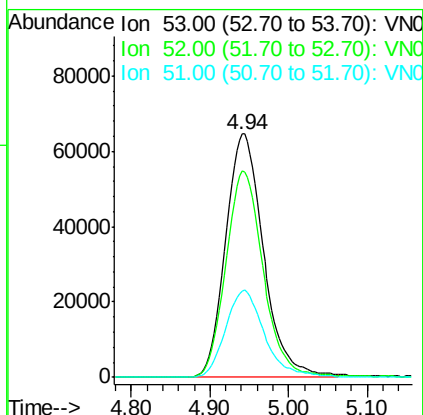
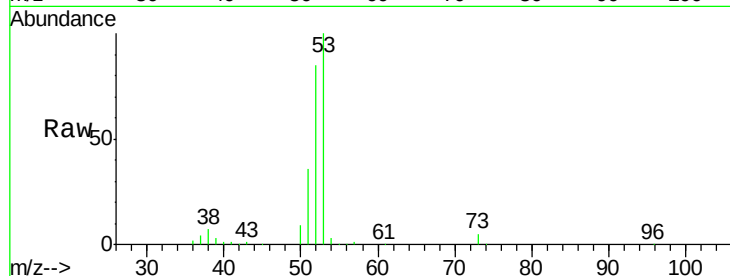
Tgt Ion: 53 Resp: 216911

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 36.7 29.7 44.5



#16

Acetone

Concen: 380.99 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN059862.D

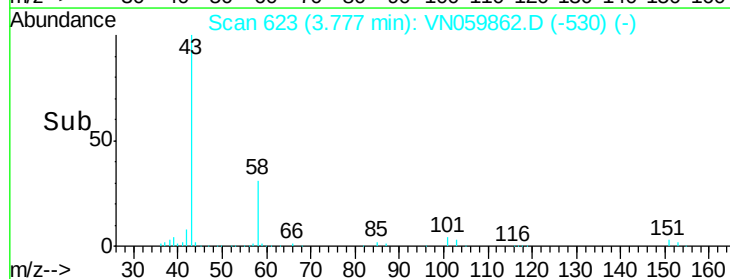
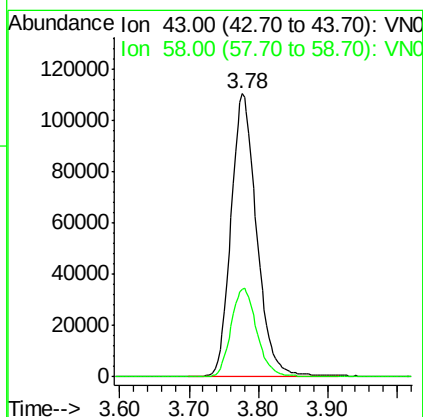
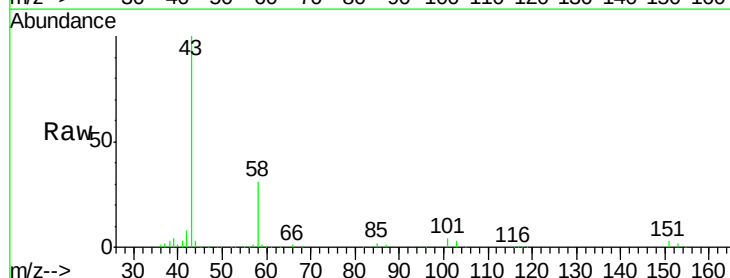
Acq: 27 Jan 2020 9:48

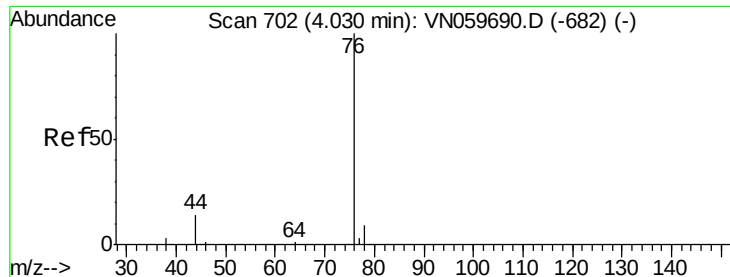
Tgt Ion: 43 Resp: 287199

Ion Ratio Lower Upper

43 100

58 31.1 23.6 35.4





#17

Carbon Disulfide

Concen: 45.25 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

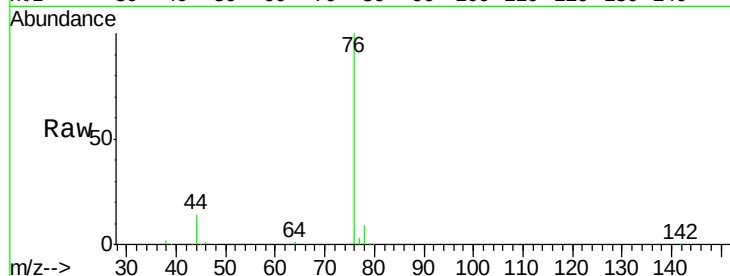
VSTDCCC050

Tgt Ion: 76 Resp: 238007

Ion Ratio Lower Upper

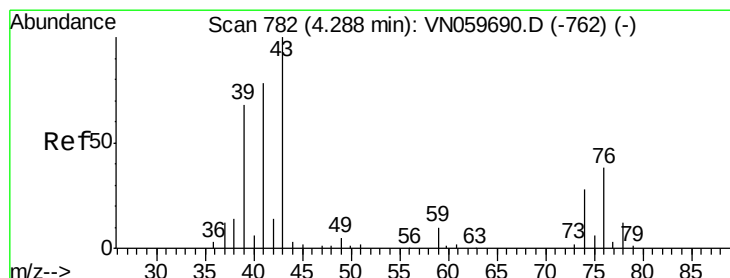
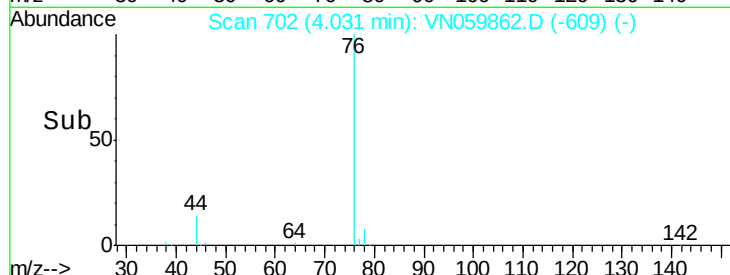
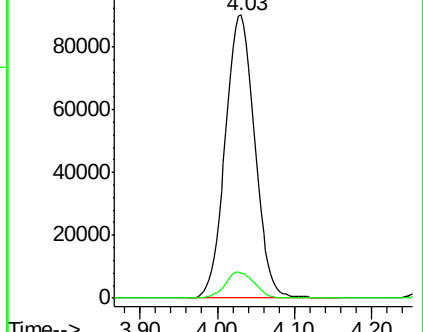
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 51.08 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN059862.D

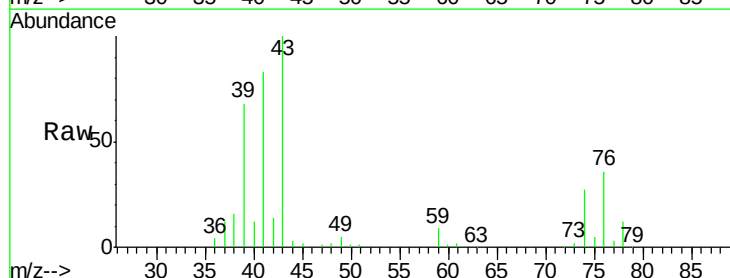
Acq: 27 Jan 2020 9:48

Tgt Ion: 43 Resp: 133710

Ion Ratio Lower Upper

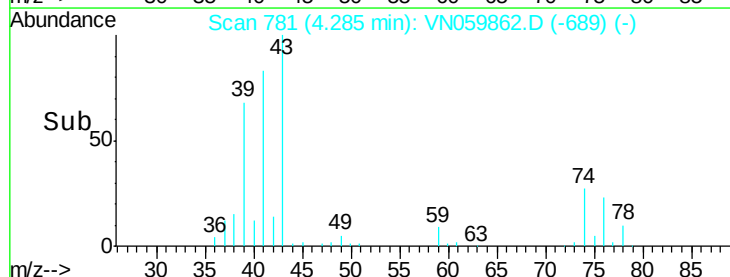
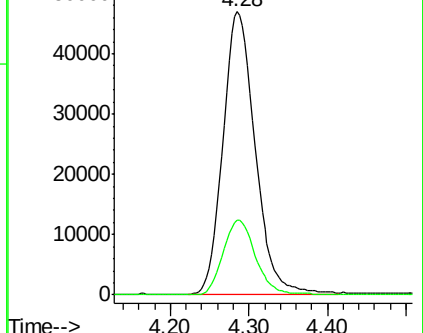
43 100

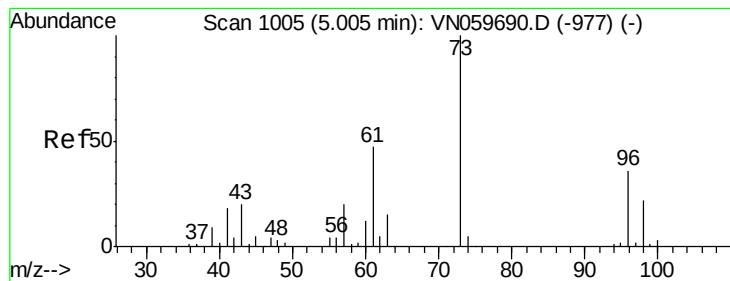
74 26.6 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

Methyl tert-butyl Ether

Concen: 51.83 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

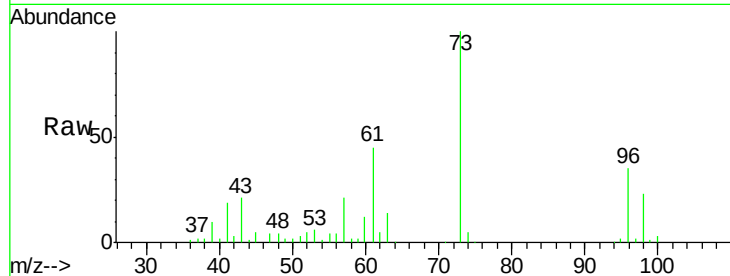
VSTDCCC050

Tgt Ion: 73 Resp: 311968

Ion Ratio Lower Upper

73 100

57 20.9 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VN059690.D (-977) (-)

Ion 57.00 (56.70 to 57.70): VN059690.D (-977) (-)

5.00

80000

60000

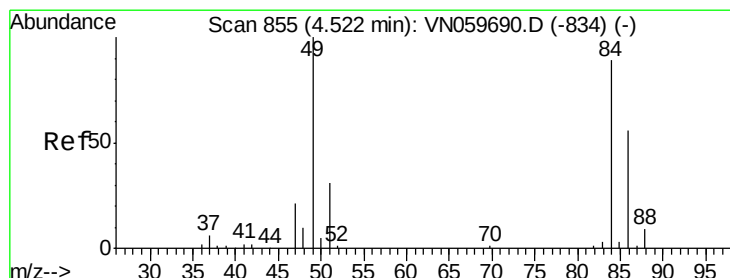
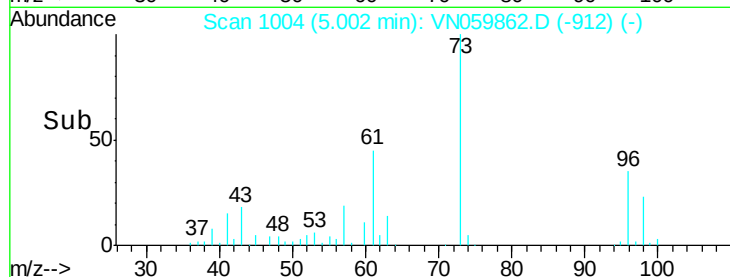
40000

20000

0

Time-->

4.90 5.00 5.10



#20

Methylene Chloride

Concen: 50.90 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Tgt Ion: 84 Resp: 103157

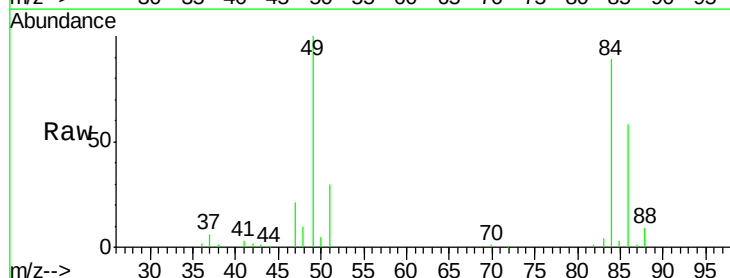
Ion Ratio Lower Upper

84 100

49 112.5 106.6 160.0

51 33.6 31.9 47.9

86 65.4 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN059690.D (-834) (-)

Ion 48.90 (48.60 to 49.60): VN059690.D (-834) (-)

Ion 50.90 (50.60 to 51.60): VN059690.D (-834) (-)

Ion 85.90 (85.60 to 86.60): VN059690.D (-834) (-)

4.52

50000

40000

30000

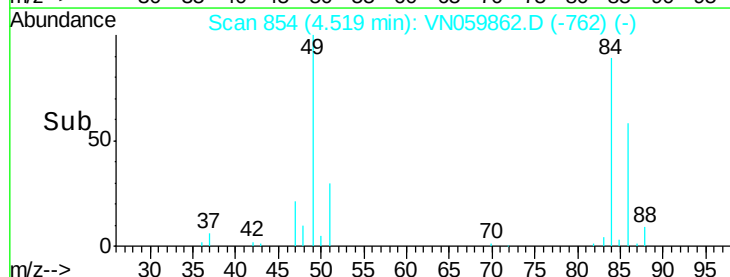
20000

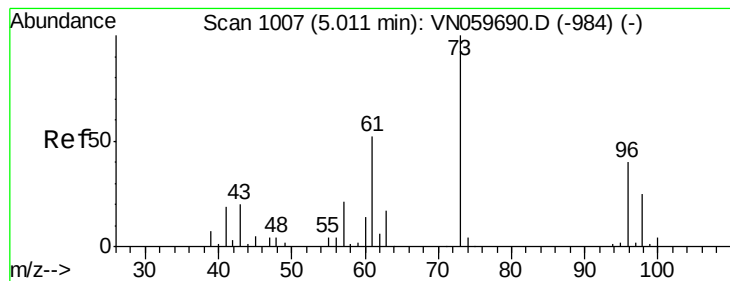
10000

0

Time-->

4.40 4.50 4.60 4.70





#21

trans-1,2-Dichloroethene

Concen: 49.96 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

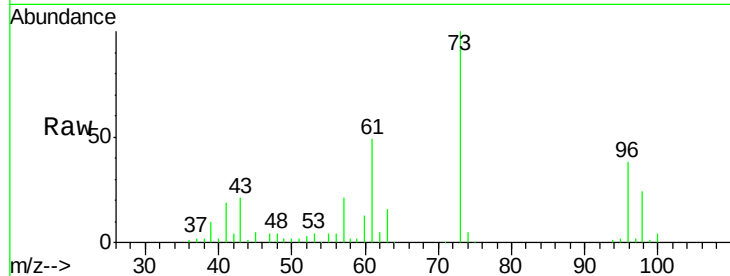
Tgt Ion: 96 Resp: 98052

Ion Ratio Lower Upper

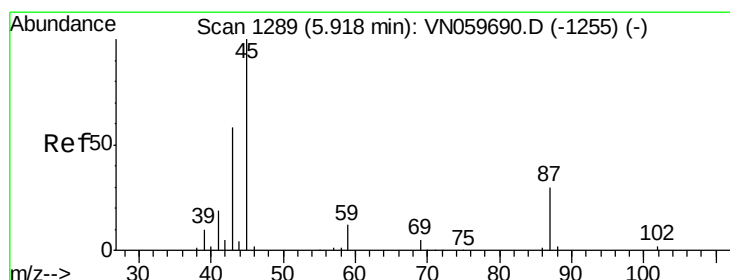
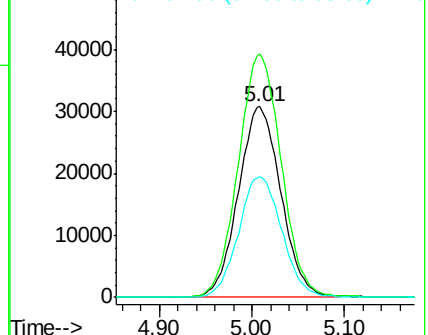
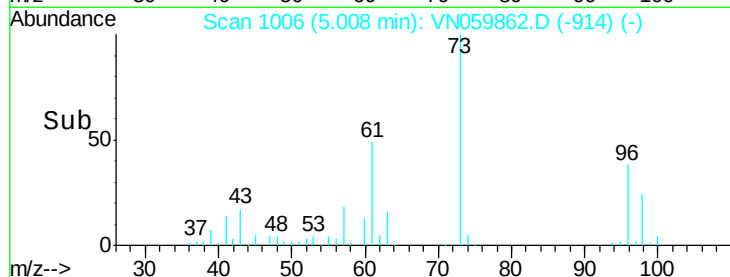
96 100

61 127.5 120.4 180.6

98 63.0 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN059862.D (-914) (-)



#22

Diisopropyl ether

Concen: 51.02 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Tgt Ion: 45 Resp: 287707

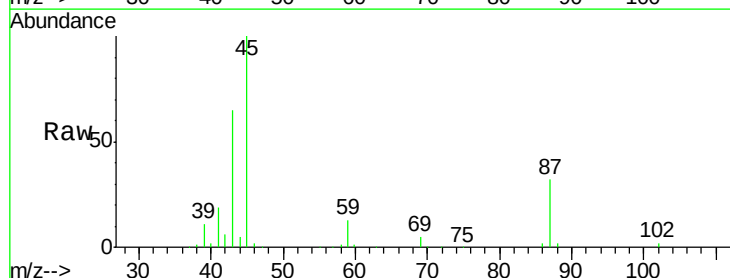
Ion Ratio Lower Upper

45 100

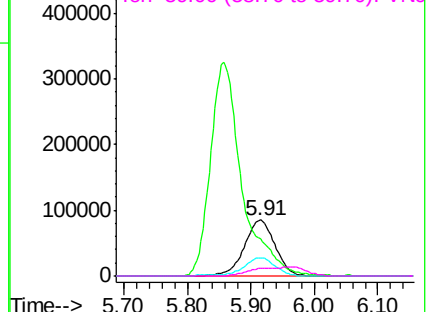
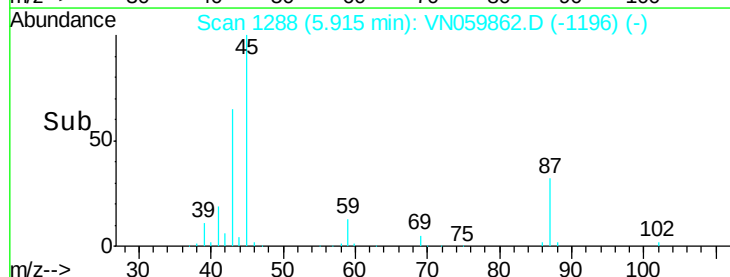
43 64.3 50.8 76.2

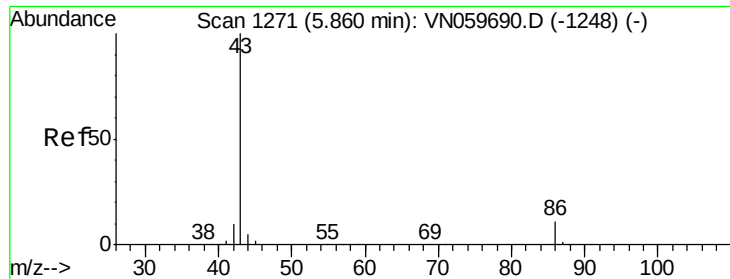
87 32.5 21.0 31.6

59 12.6 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN059862.D (-1196) (-)





#23

Vinyl Acetate

Concen: 256.12 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

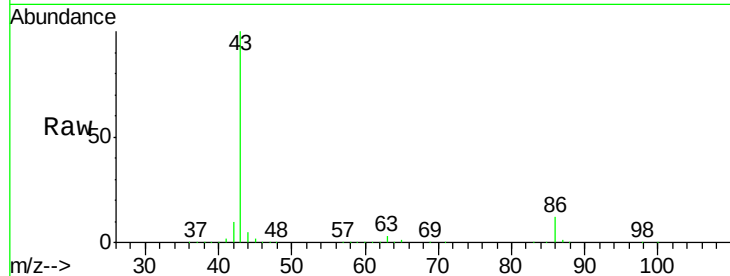
VSTDCCC050

Tgt Ion: 43 Resp: 1118301

Ion Ratio Lower Upper

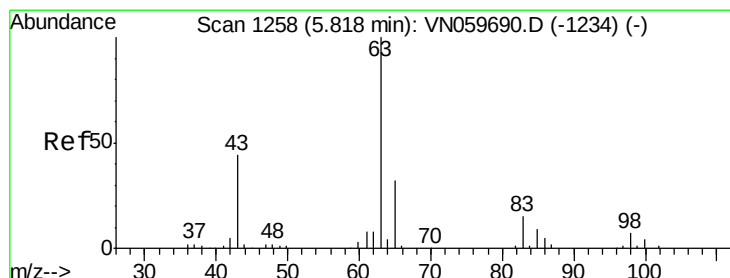
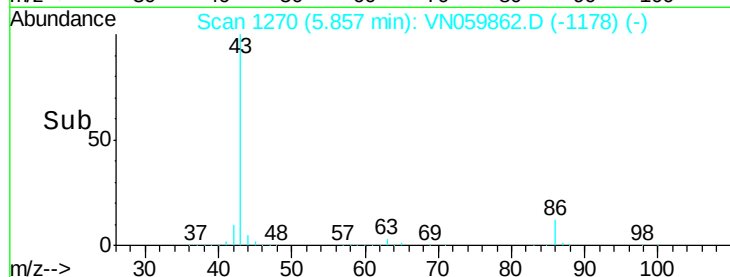
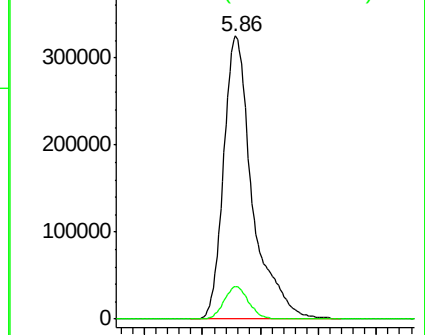
43 100

86 11.6 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.93 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

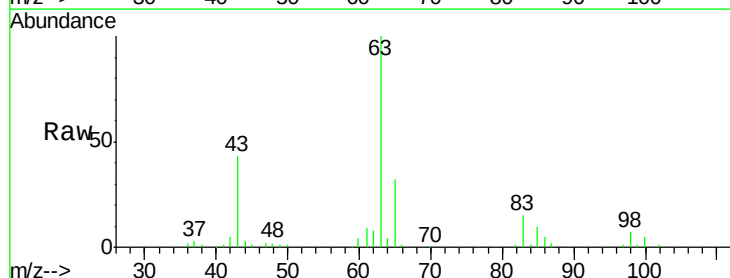
Tgt Ion: 63 Resp: 175492

Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.7

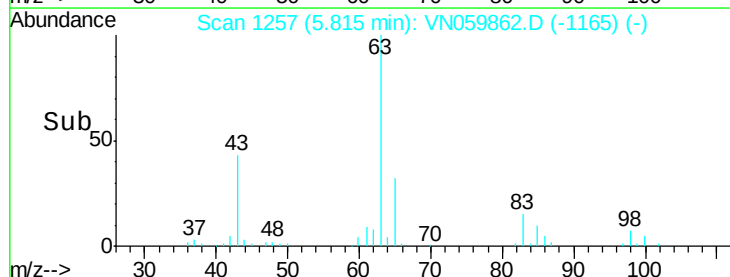
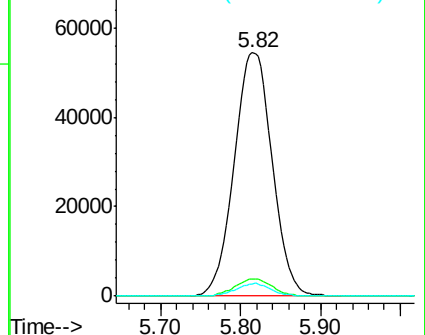
100 5.1 2.0 6.0

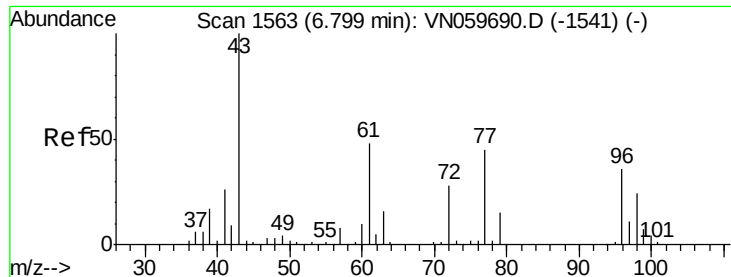


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

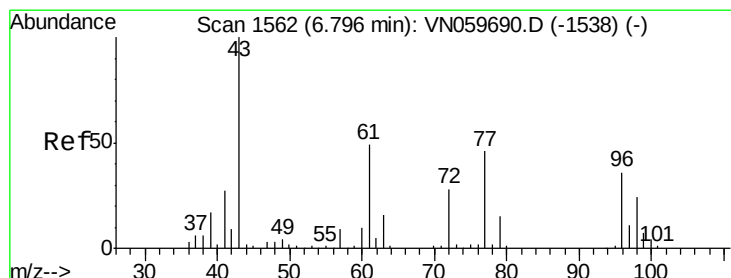
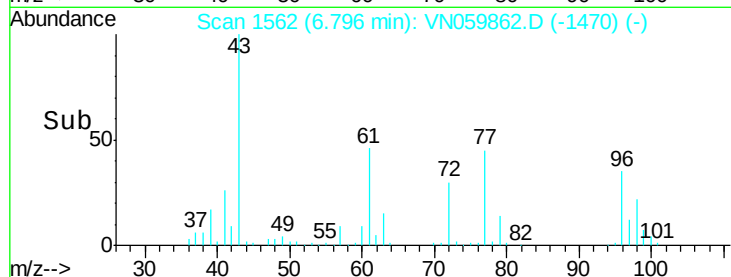
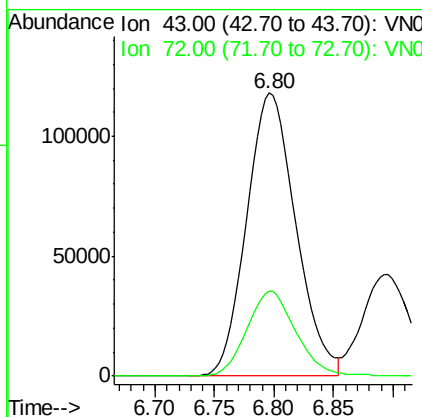
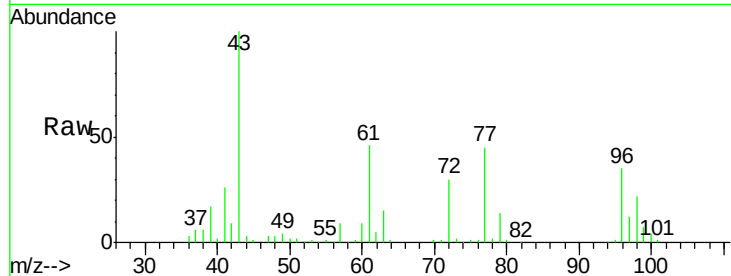




#25
2-Butanone
Concen: 266.50 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

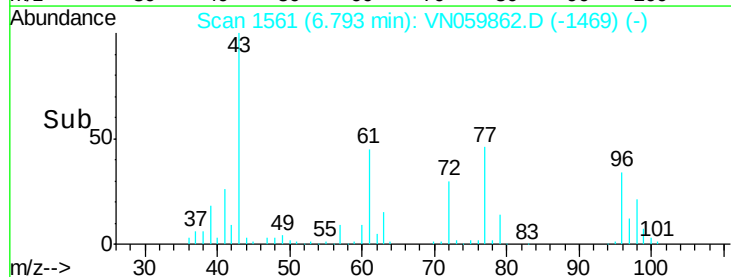
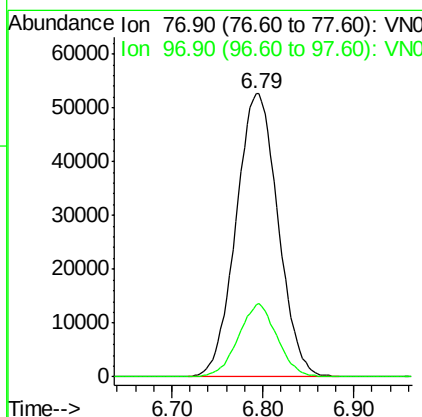
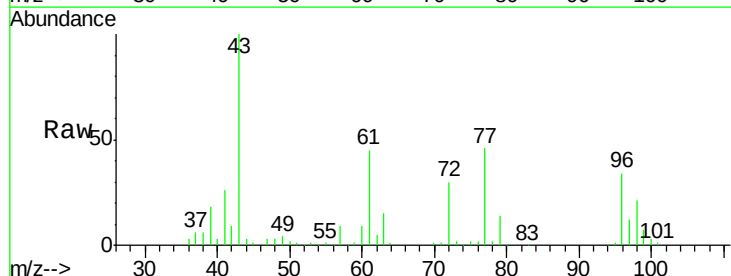
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

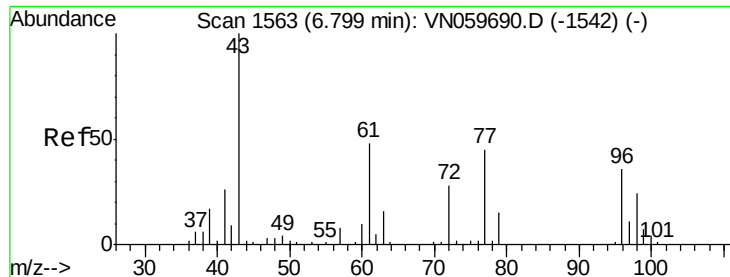
Tgt Ion: 43 Resp: 338206
Ion Ratio Lower Upper
43 100
72 30.2 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 50.94 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion: 77 Resp: 168765
Ion Ratio Lower Upper
77 100
97 23.8 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 52.05 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

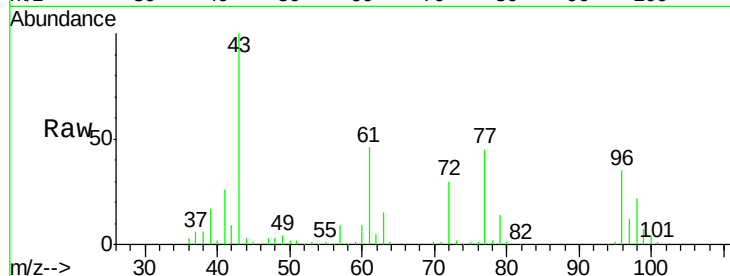
Tgt Ion: 96 Resp: 117484

Ion Ratio Lower Upper

96 100

61 137.5 0.0 317.6

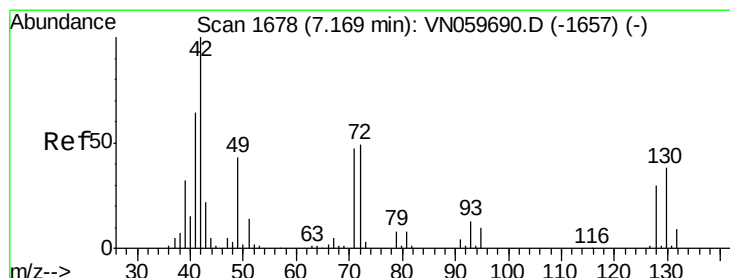
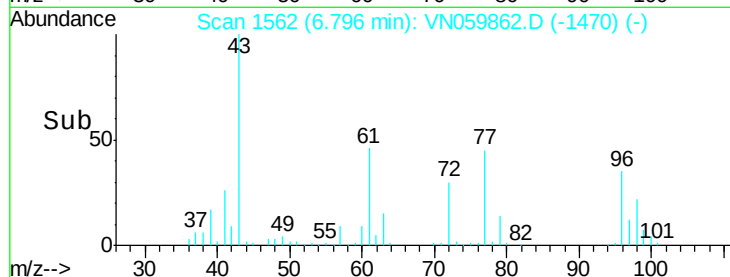
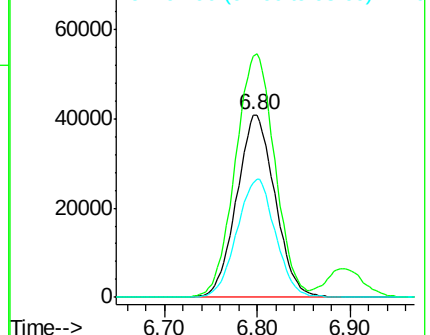
98 64.9 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059862.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059862.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059862.D (-1470) (-)



#28

Bromochloromethane

Concen: 49.18 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

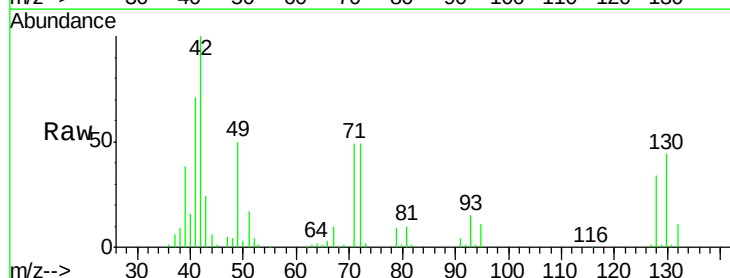
Tgt Ion: 49 Resp: 67731

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.4

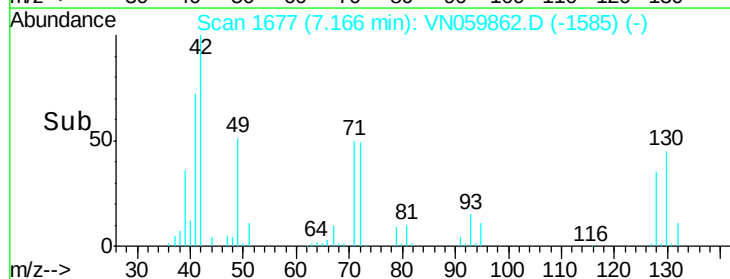
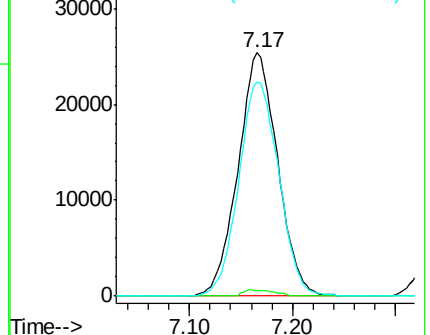
130 89.3 54.7 82.1#

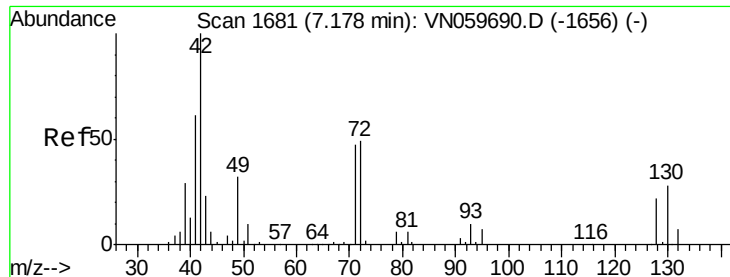


Abundance Ion 48.90 (48.60 to 49.60): VN059862.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059862.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059862.D (-1585) (-)

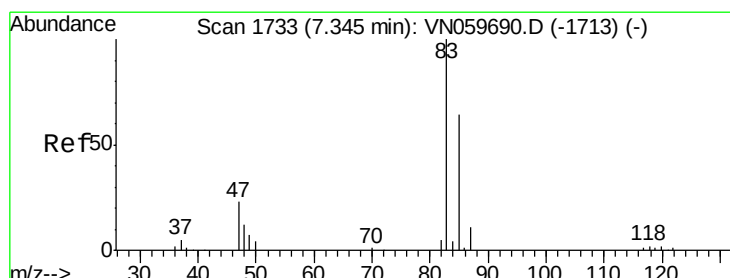
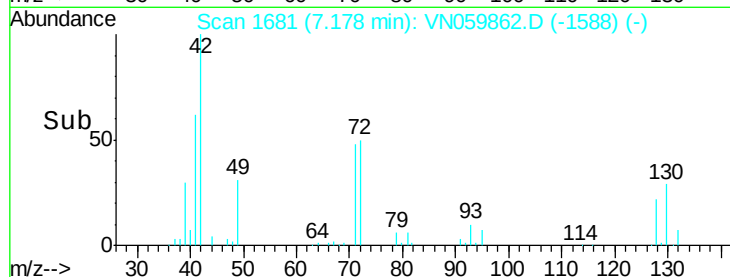
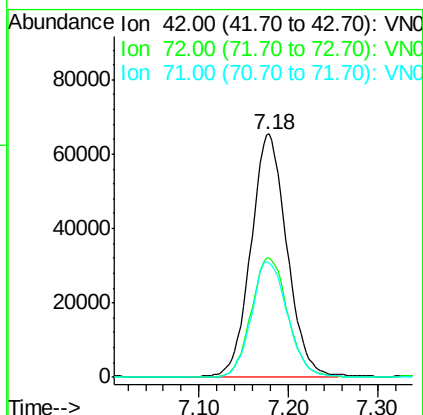
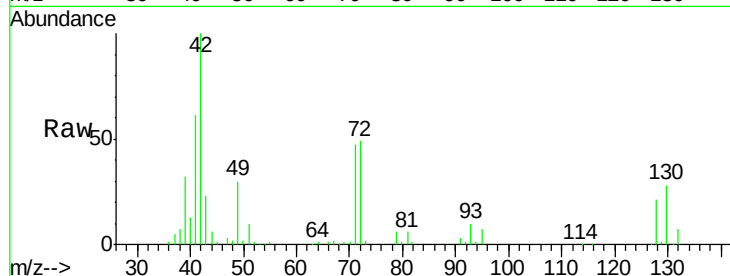




#29
Tetrahydrofuran
Concen: 234.32 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

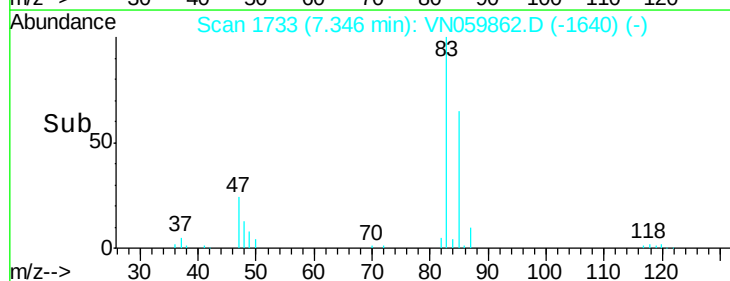
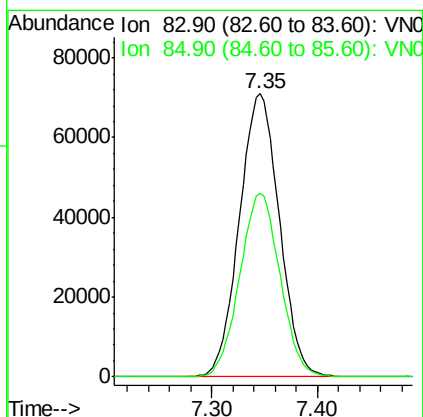
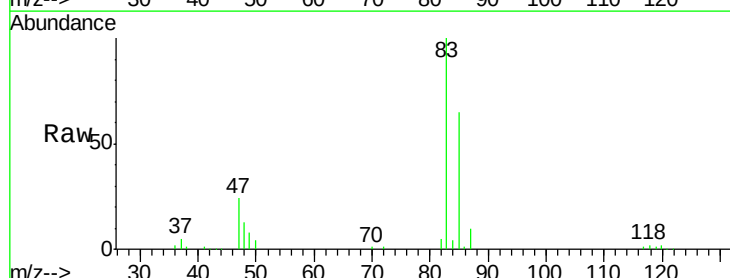
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

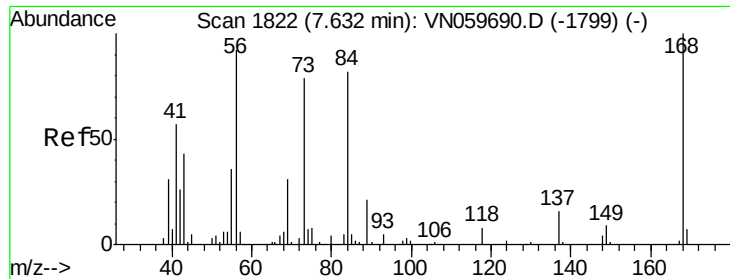
Tgt Ion: 42 Resp: 183989
Ion Ratio Lower Upper
42 100
72 49.8 33.1 49.7#
71 47.6 31.4 47.0#



#30
Chloroform
Concen: 52.52 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion: 83 Resp: 187504
Ion Ratio Lower Upper
83 100
85 64.9 52.4 78.6

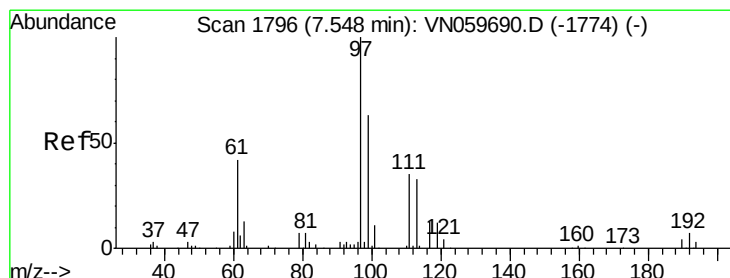
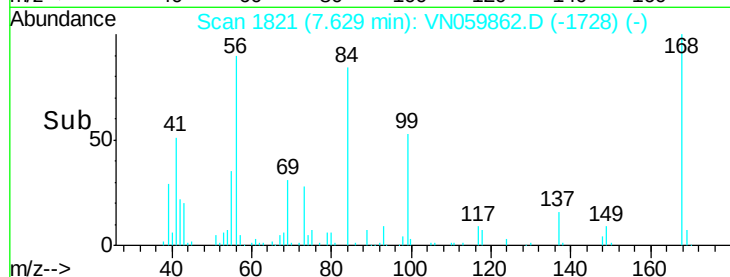
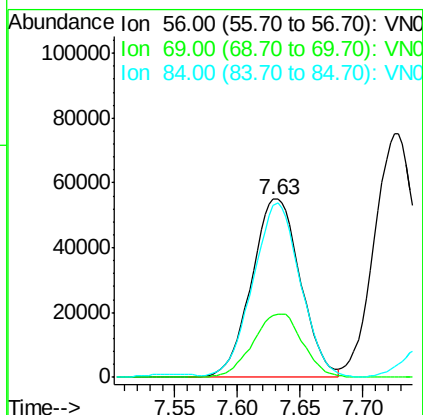
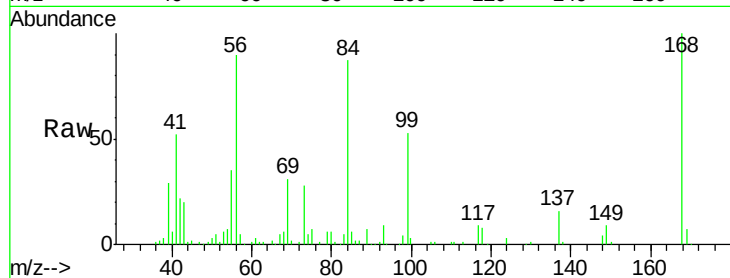




#31
Cyclohexane
Concen: 45.02 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

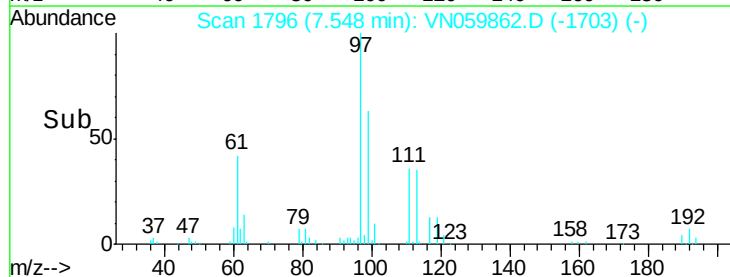
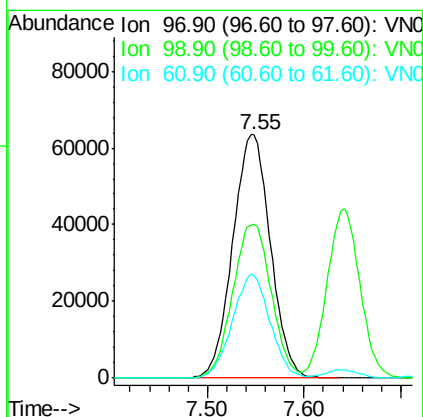
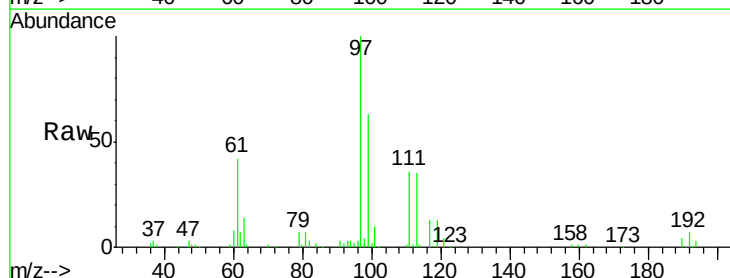
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

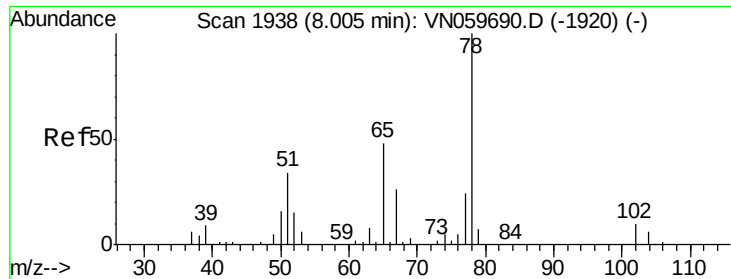
Tgt Ion: 56 Resp: 149271
Ion Ratio Lower Upper
56 100
69 34.6 26.5 39.7
84 95.5 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 52.02 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion: 97 Resp: 171715
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 42.4 38.5 57.7

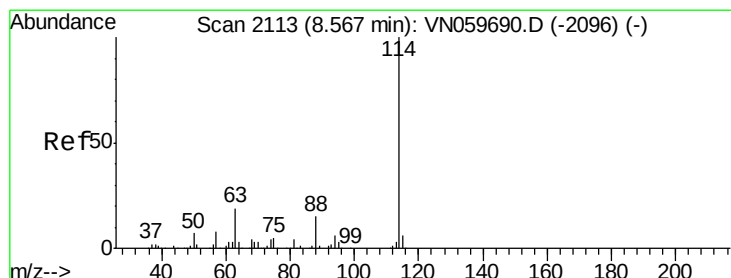
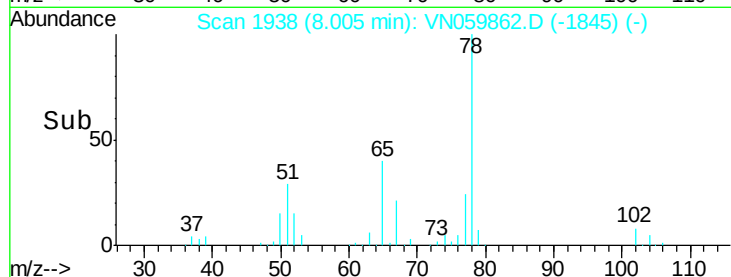
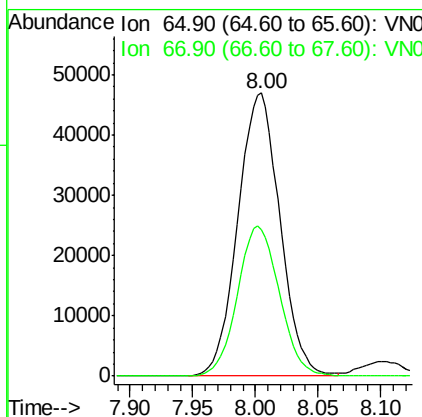
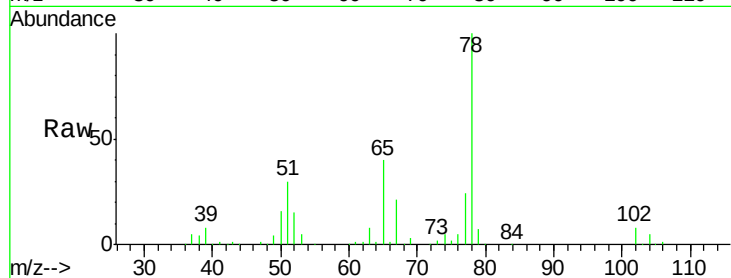




#33
 1,2-Dichloroethane-d4
 Concen: 48.91 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

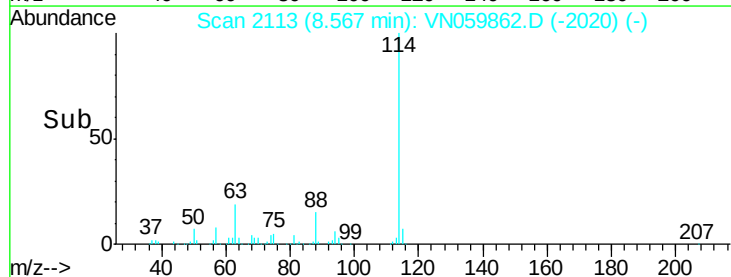
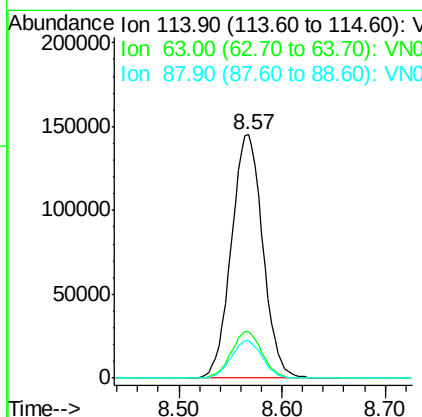
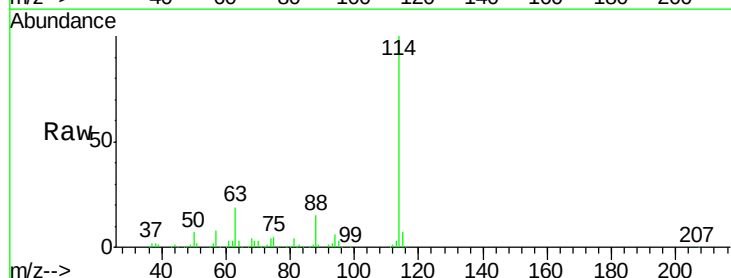
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

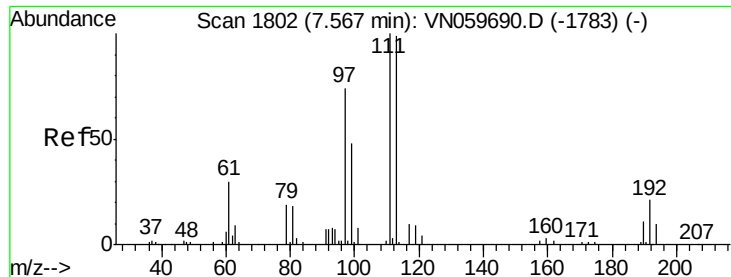
Tgt Ion: 65 Resp: 109617
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 114 Resp: 307825
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.6
 88 15.2 0.0 31.4

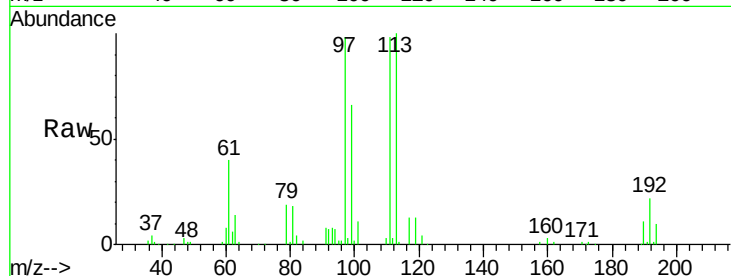




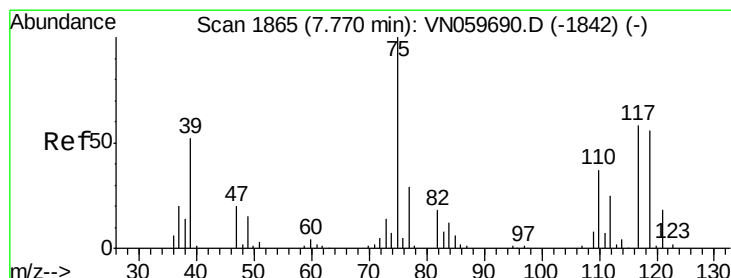
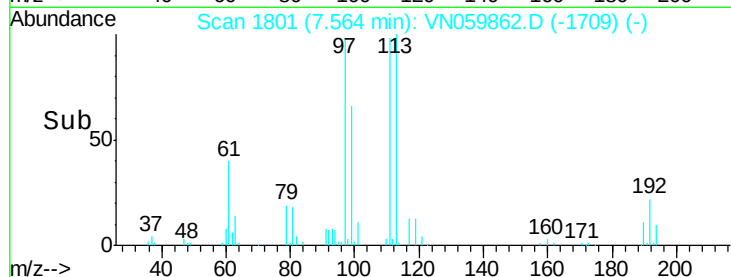
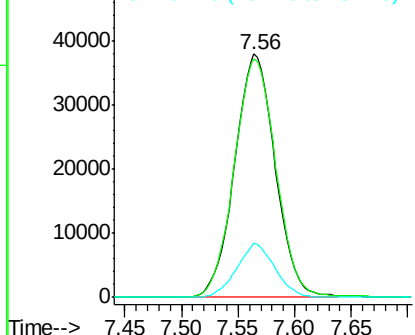
#35
 Dibromofluoromethane
 Concen: 51.56 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 94655
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.5 125.3
 192 20.8 15.4 23.2

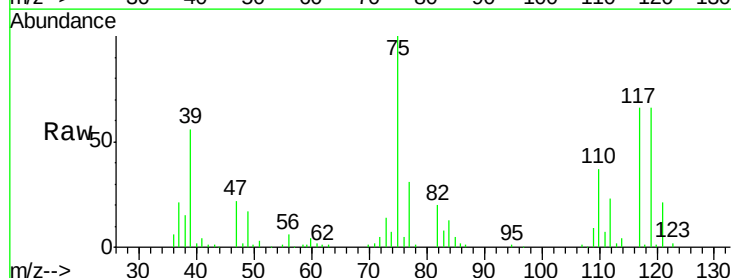


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

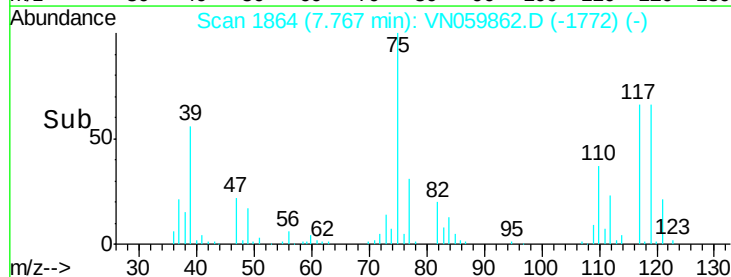
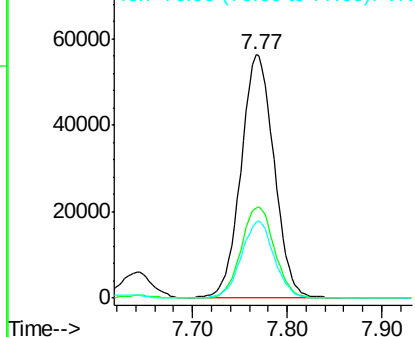


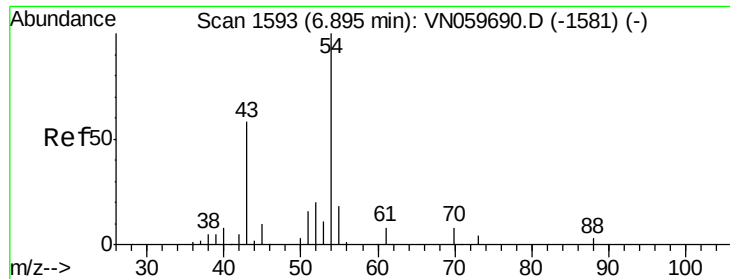
#36
 1,1-Dichloropropene
 Concen: 51.06 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 75 Resp: 136881
 Ion Ratio Lower Upper
 75 100
 110 37.5 16.6 49.7
 77 31.3 25.1 37.7



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

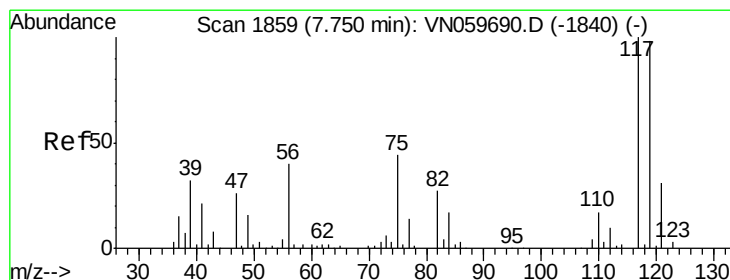
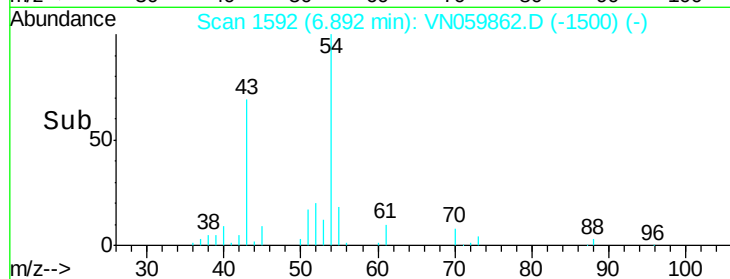
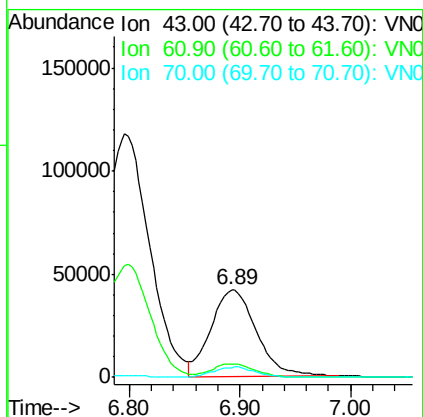
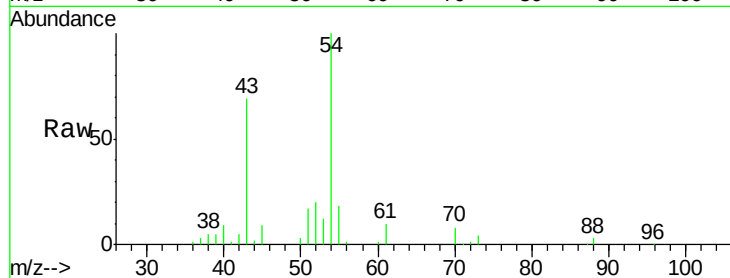




#37
Ethyl Acetate
 Concen: 47.90 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

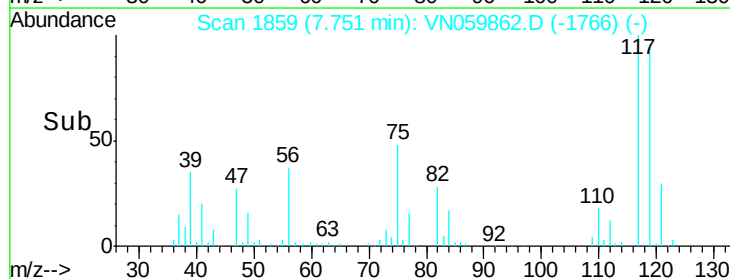
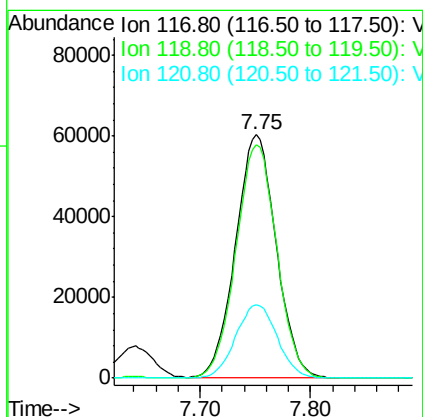
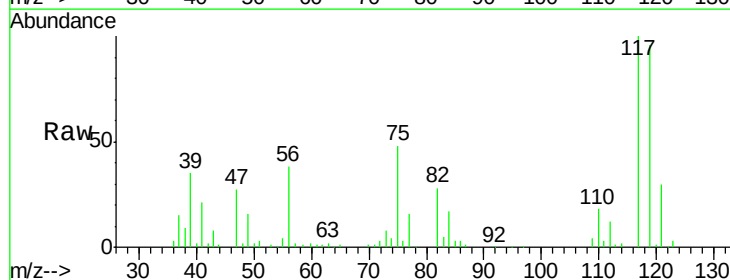
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

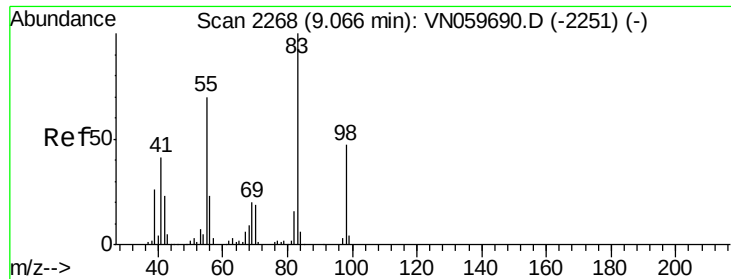
Tgt Ion: 43 Resp: 120425
 Ion Ratio Lower Upper
 43 100
 61 14.5 10.9 16.3
 70 11.3 7.7 11.5



#38
Carbon Tetrachloride
 Concen: 52.87 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 117 Resp: 154174
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.5 114.7
 121 30.2 25.1 37.7

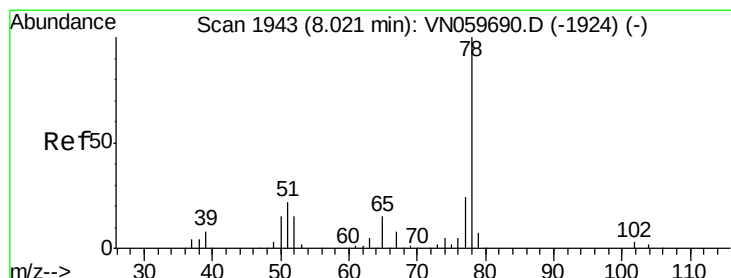
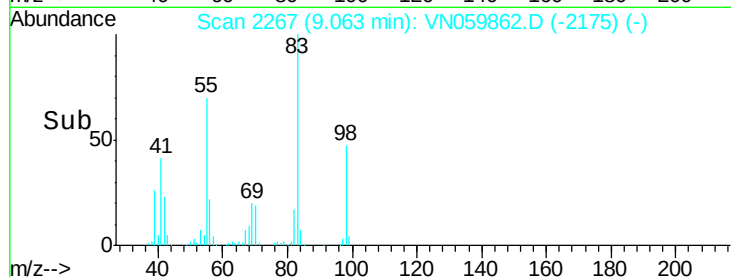
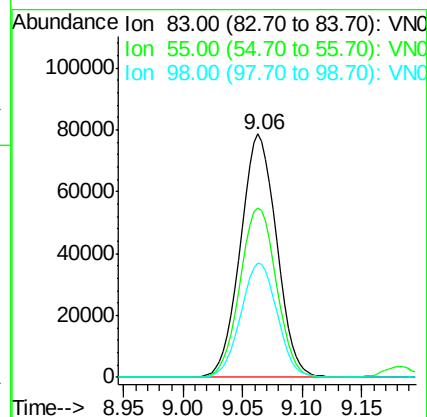
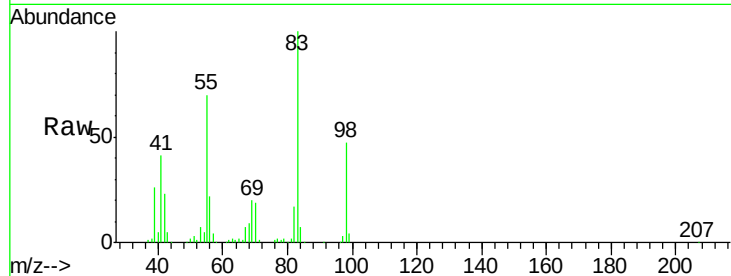




#39
Methylcyclohexane
Concen: 50.20 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

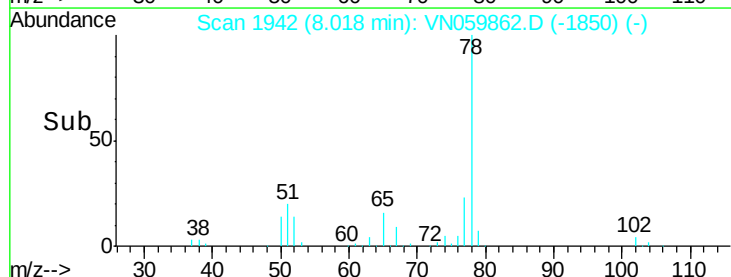
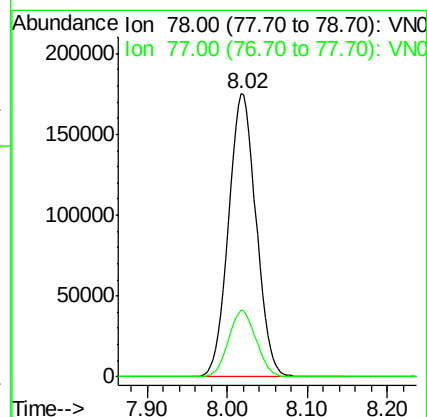
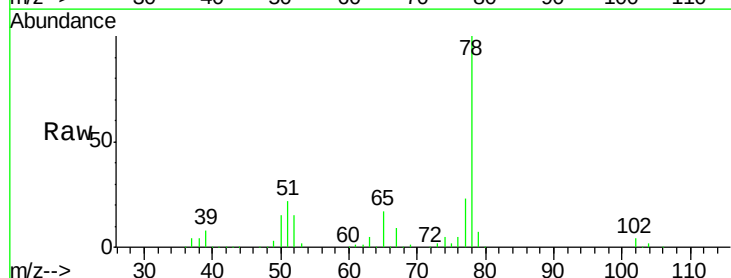
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

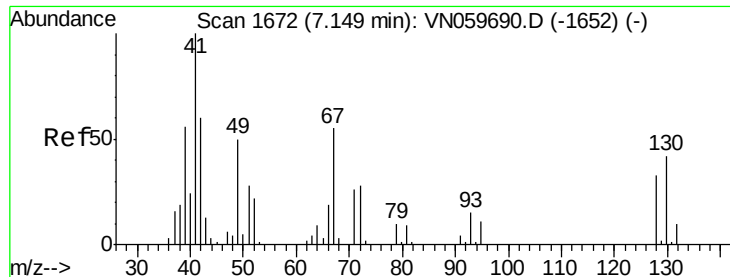
Tgt Ion: 83 Resp: 165934
Ion Ratio Lower Upper
83 100
55 69.7 64.2 96.2
98 46.7 35.9 53.9



#40
Benzene
Concen: 51.57 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion: 78 Resp: 412310
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

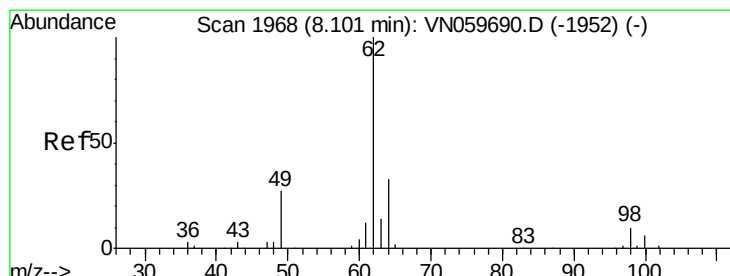
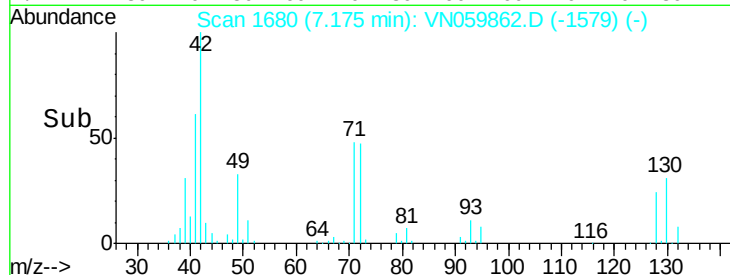
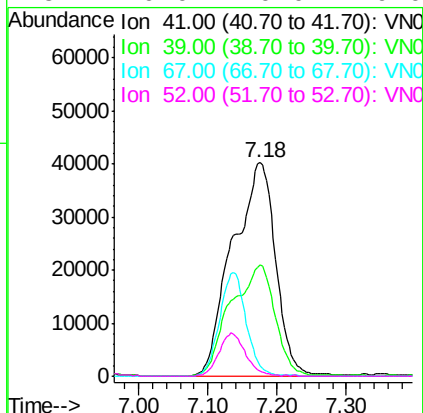
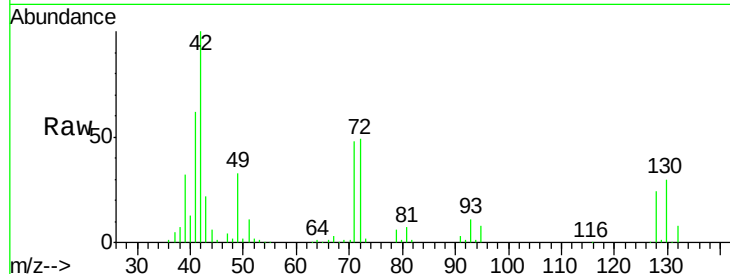




#41
Methacrylonitrile
Concen: 140.21 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

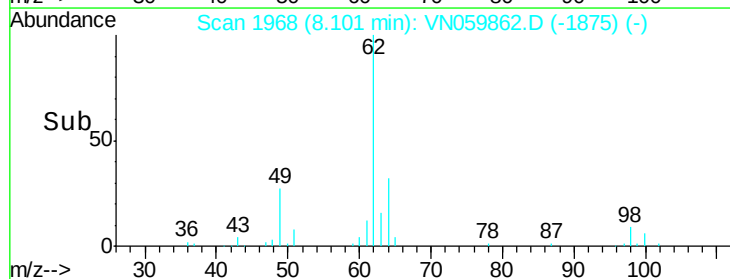
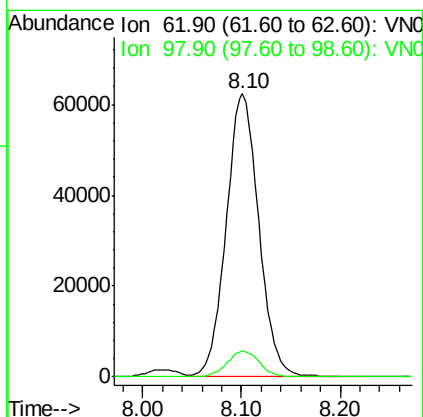
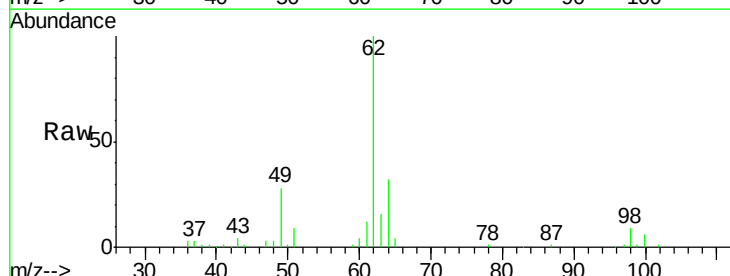
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

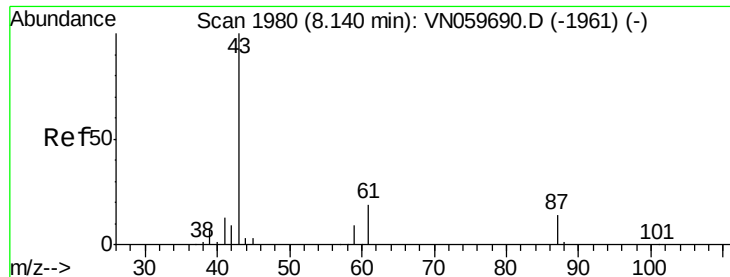
Tgt Ion:	41	Resp:	173638
Ion	Ratio	Lower	Upper
41	100		
39	53.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 53.07 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion:	62	Resp:	143859
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 49.38 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

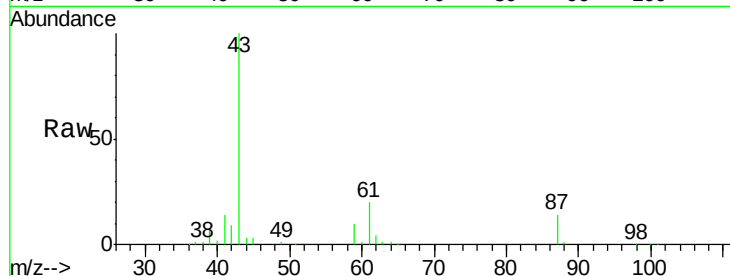
Tgt Ion: 43 Resp: 213548

Ion Ratio Lower Upper

43 100

61 27.2 20.2 30.2

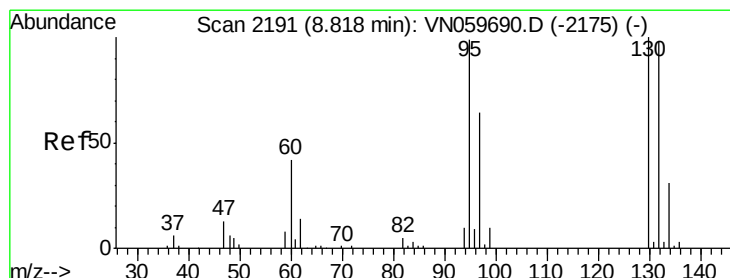
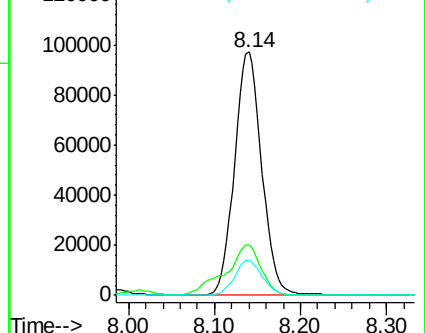
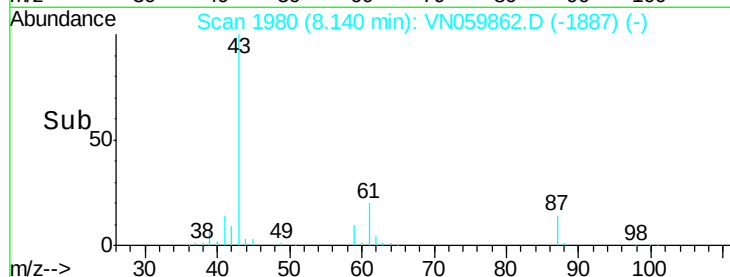
87 14.7 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059862.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059862.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059862.D (-1887) (-)



#44

Trichloroethene

Concen: 55.09 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059862.D

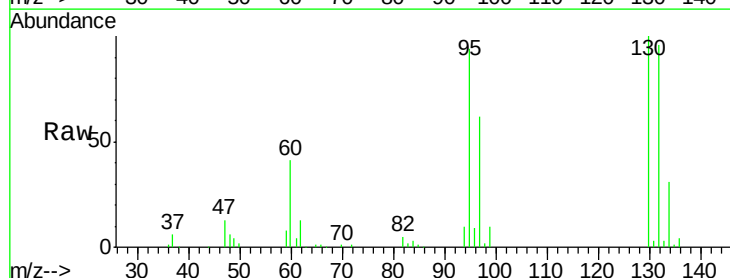
Acq: 27 Jan 2020 9:48

Tgt Ion: 130 Resp: 120228

Ion Ratio Lower Upper

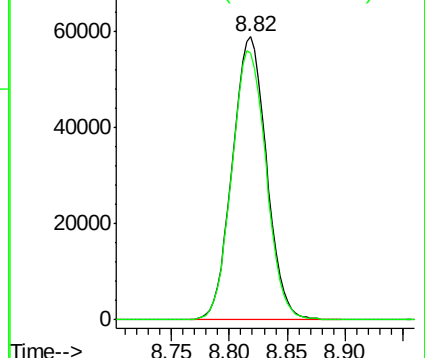
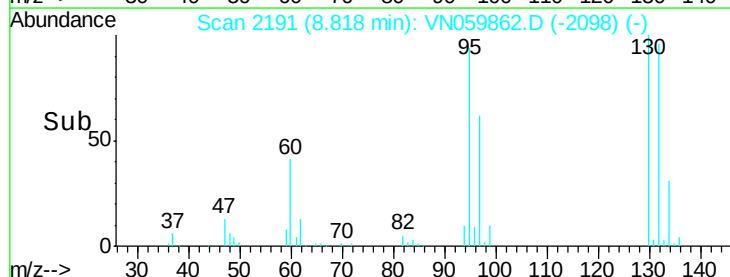
130 100

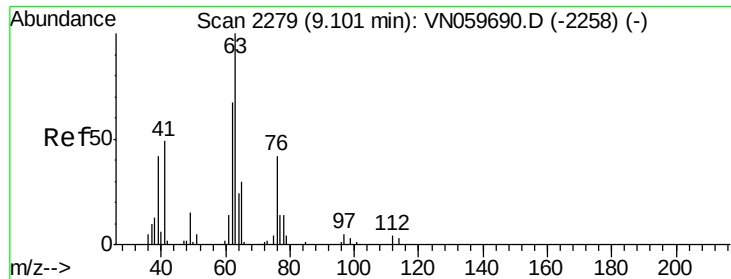
95 94.2 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059862.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059862.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 53.01 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

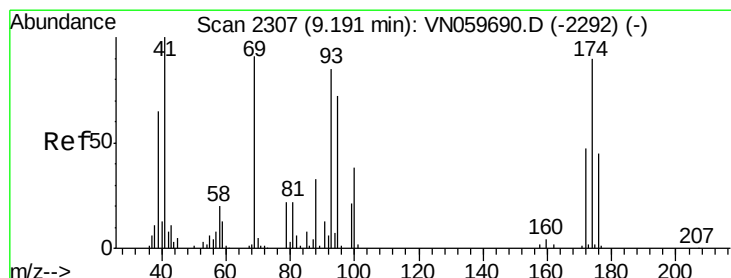
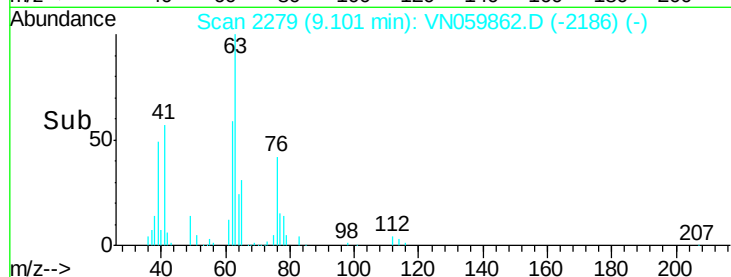
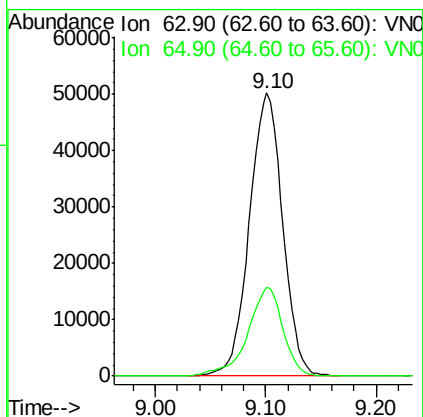
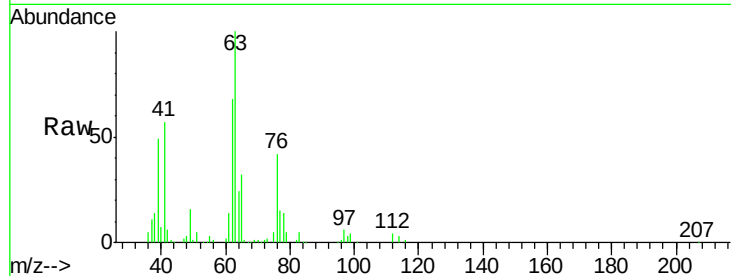
VSTDCCC050

Tgt Ion: 63 Resp: 104864

Ion Ratio Lower Upper

63 100

65 31.6 24.9 37.3



#46

Dibromomethane

Concen: 53.97 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

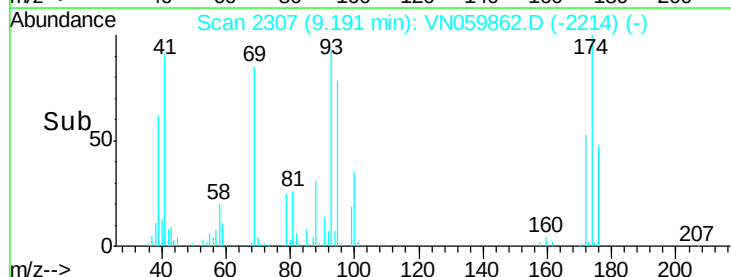
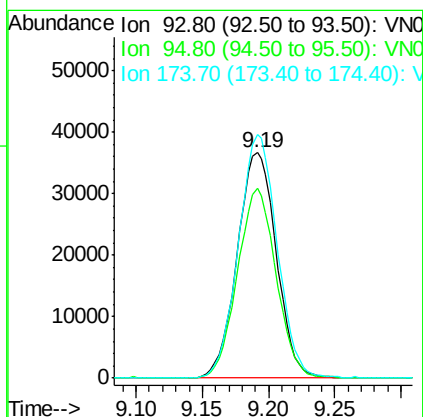
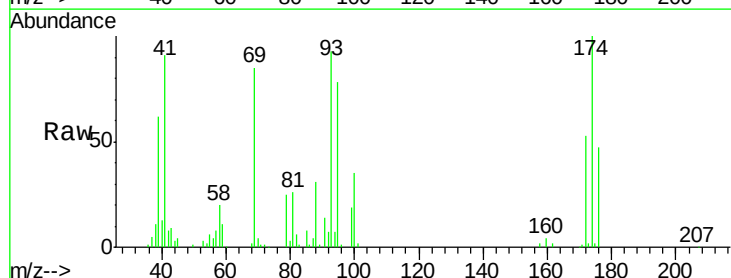
Tgt Ion: 93 Resp: 75310

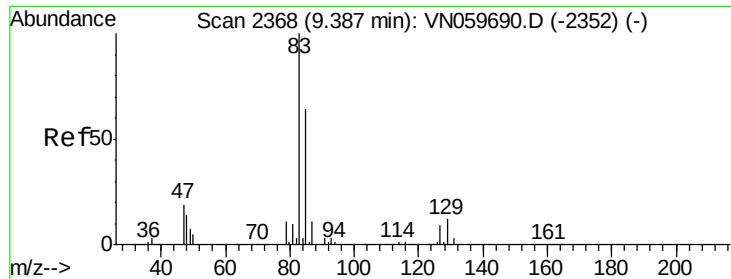
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 106.8 73.4 110.2

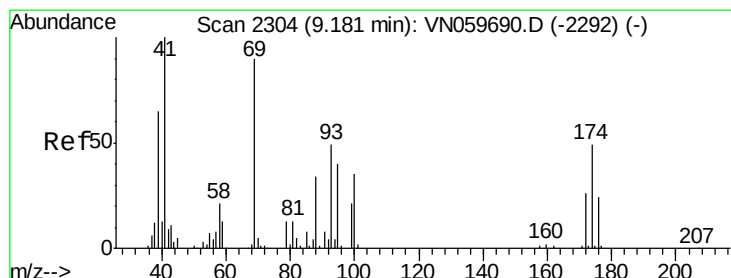
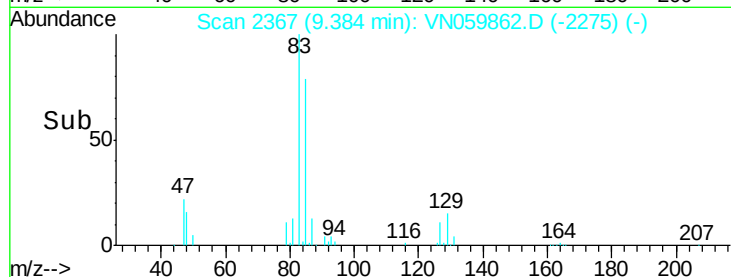
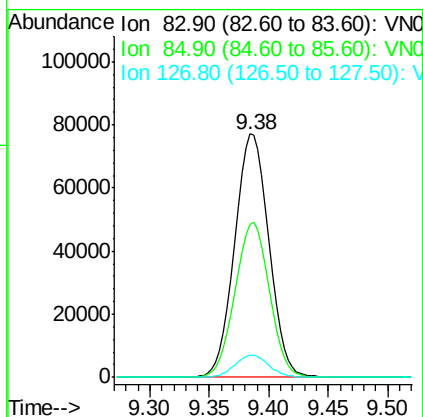
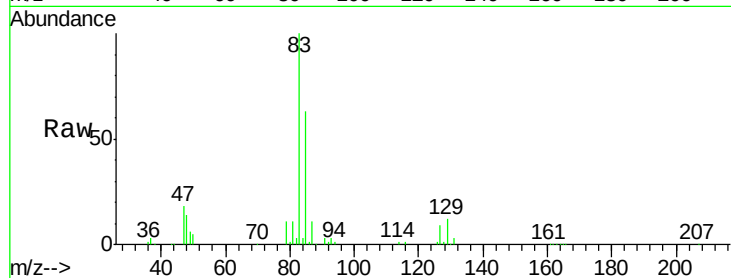




#47
 Bromodichloromethane
 Concen: 54.76 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

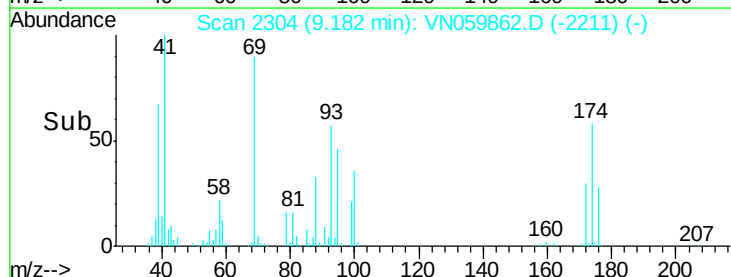
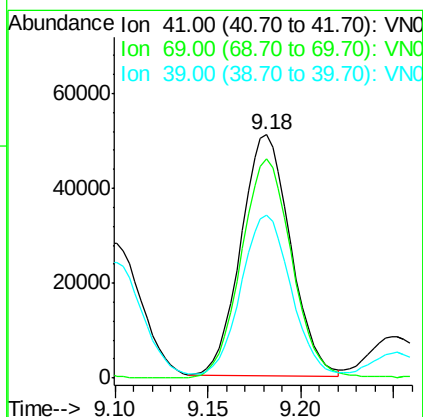
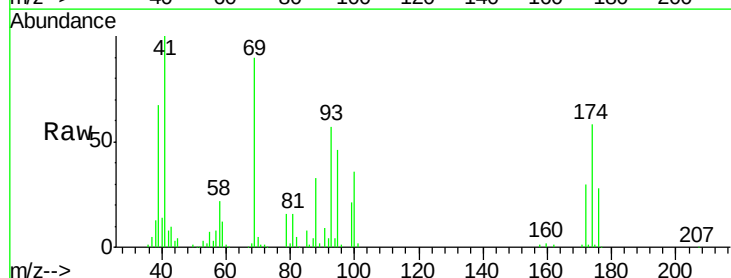
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

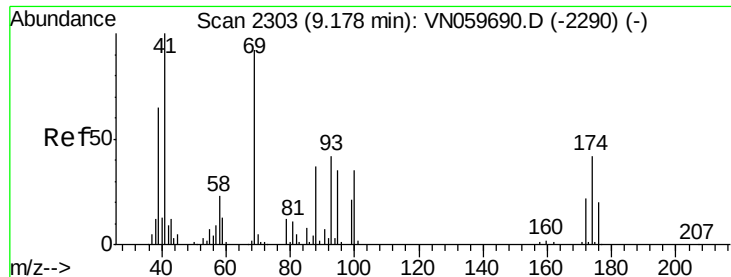
Tgt Ion: 83 Resp: 154005
 Ion Ratio Lower Upper
 83 100
 85 62.9 51.1 76.7
 127 9.0 6.6 9.8



#48
 Methyl methacrylate
 Concen: 48.57 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 41 Resp: 93945
 Ion Ratio Lower Upper
 41 100
 69 93.8 64.4 96.6
 39 66.5 51.3 76.9

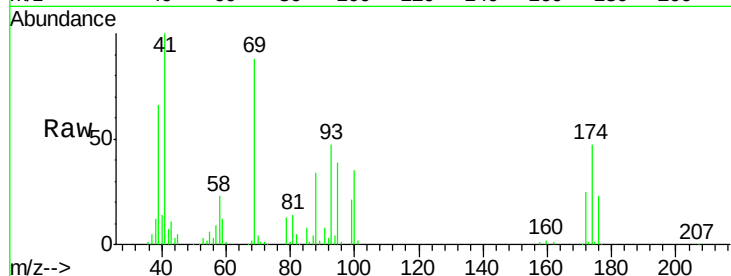




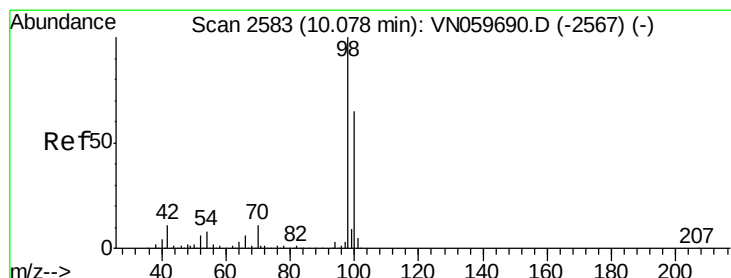
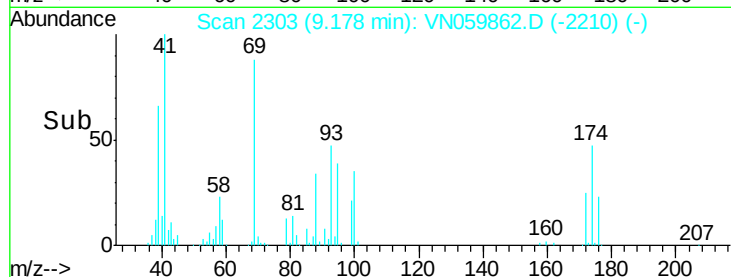
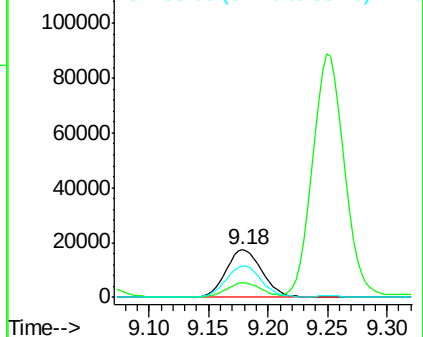
#49
1,4-Dioxane
Concen: 1039.19 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 36799
Ion Ratio Lower Upper
88 100
43 30.1 29.7 44.5
58 64.3 56.6 85.0

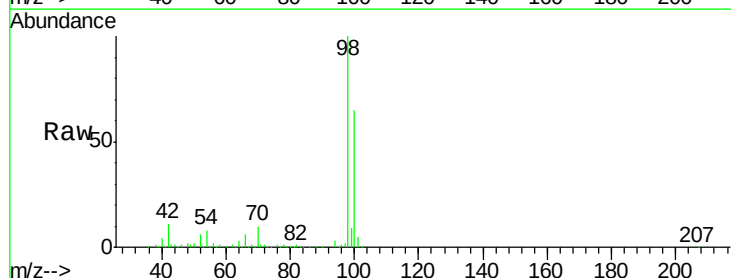


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

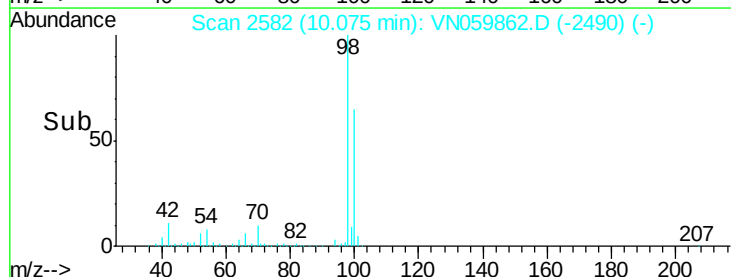
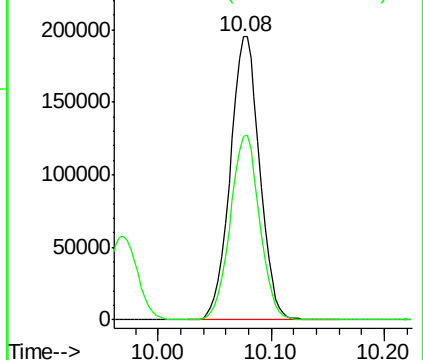


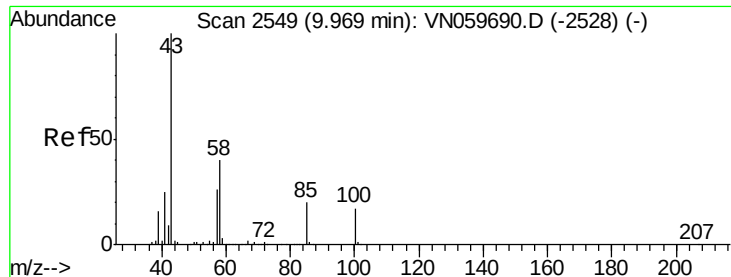
#50
Toluene-d8
Concen: 49.55 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion: 98 Resp: 352423
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



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

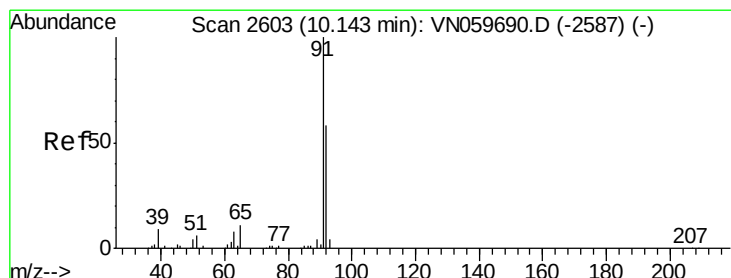
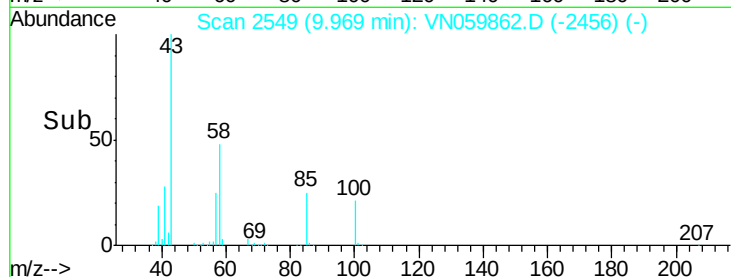
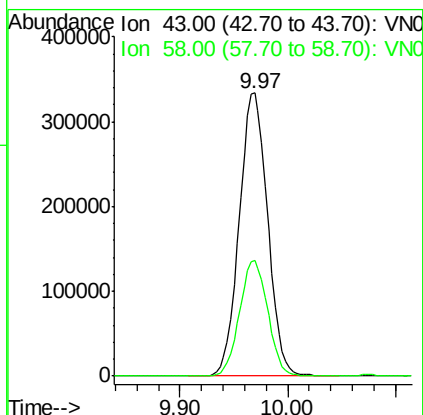
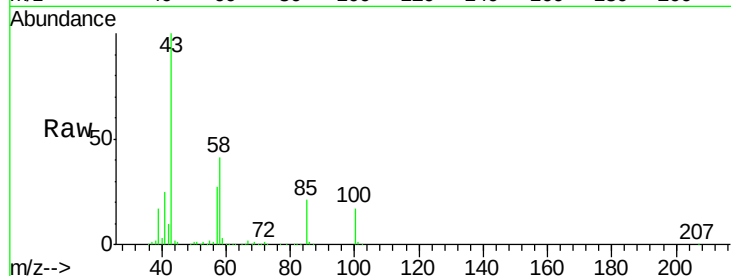




#51
 4-Methyl-2-Pentanone
 Concen: 244.95 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

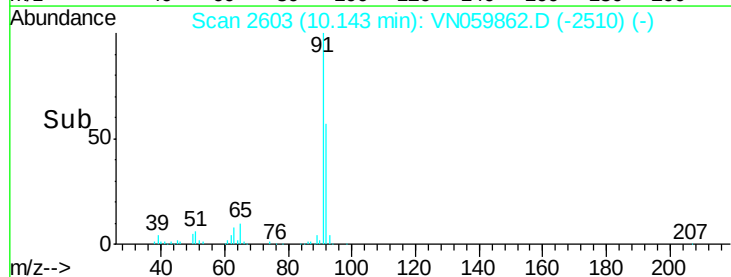
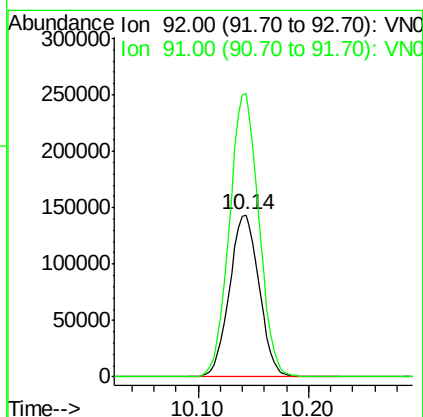
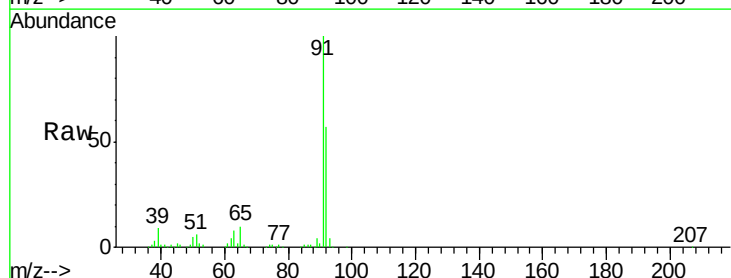
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

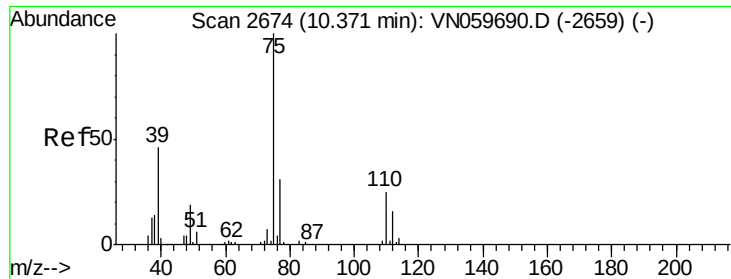
Tgt Ion: 43 Resp: 612345
 Ion Ratio Lower Upper
 43 100
 58 40.5 29.8 44.8



#52
 Toluene
 Concen: 52.82 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 92 Resp: 266739
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.45 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

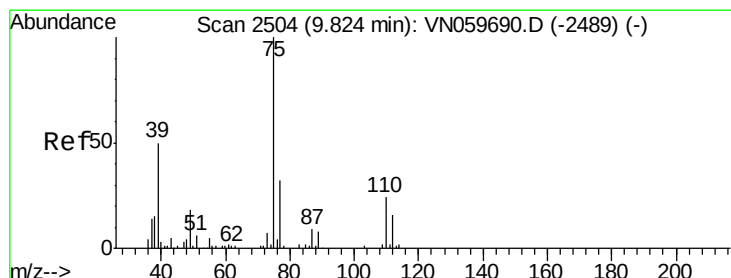
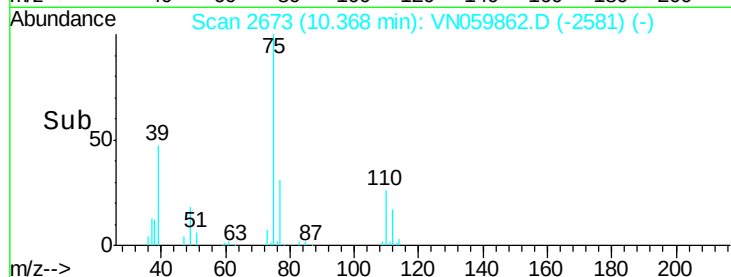
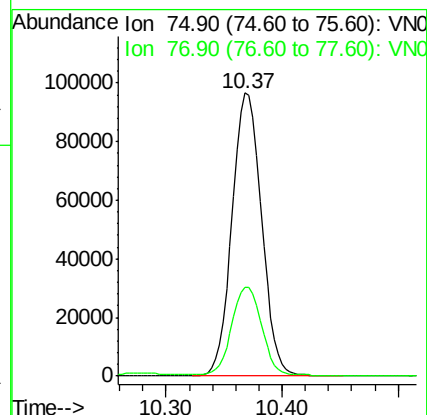
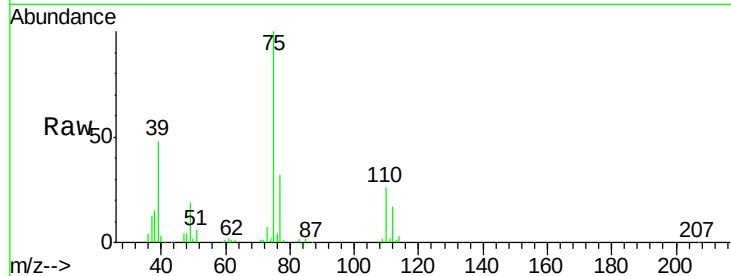
VSTDCCC050

Tgt Ion: 75 Resp: 170984

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.63 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

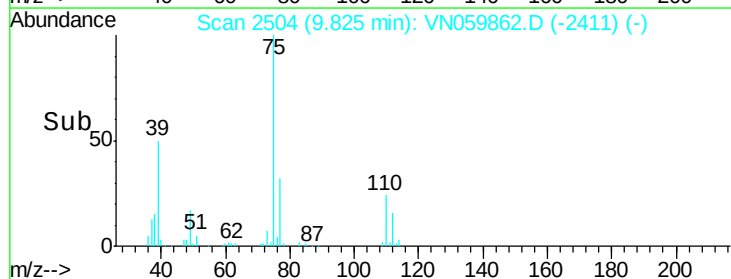
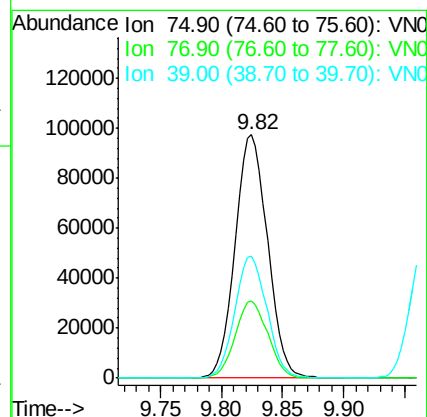
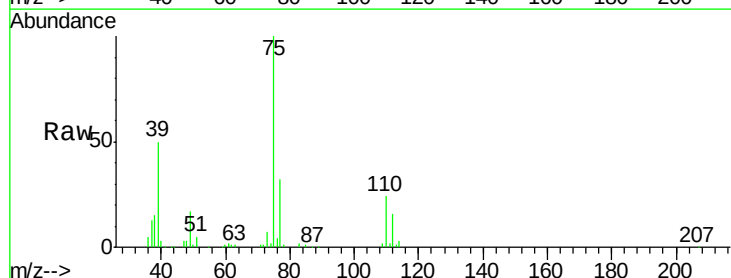
Tgt Ion: 75 Resp: 180498

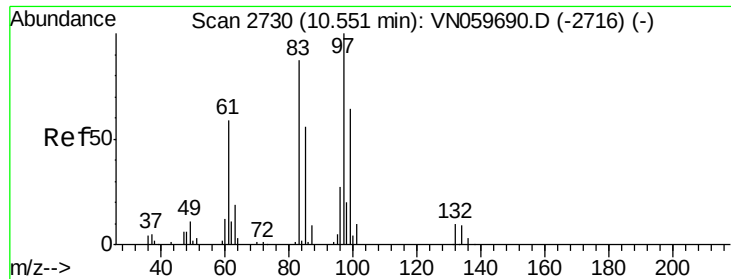
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 50.1 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 53.36 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 106723

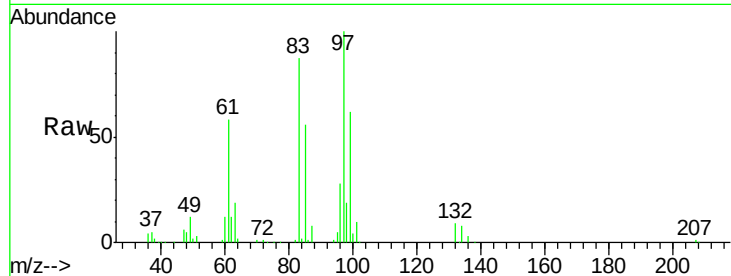
Ion Ratio Lower Upper

97 100

83 86.8 71.3 106.9

85 55.7 45.8 68.8

99 62.5 50.0 75.0

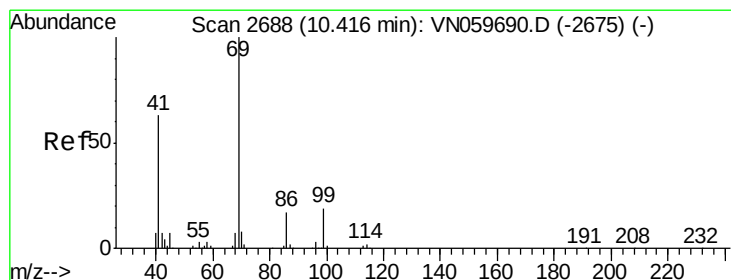
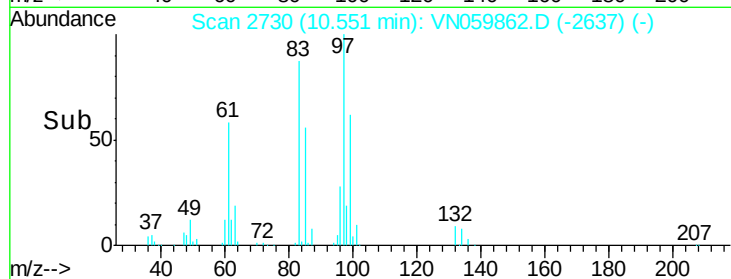
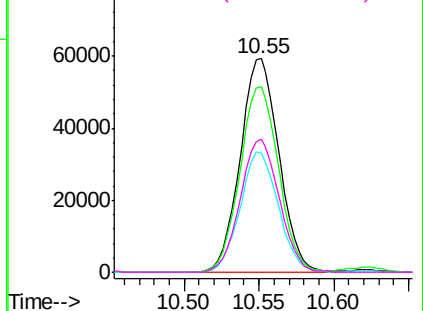


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 50.84 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

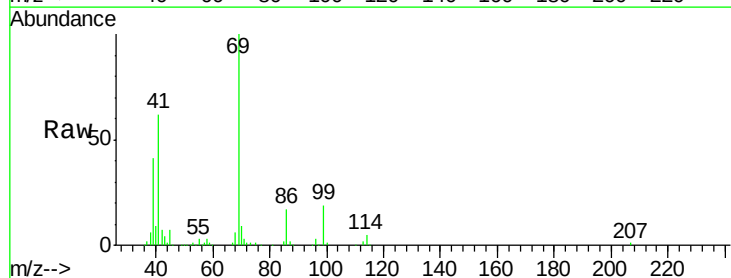
Tgt Ion: 69 Resp: 155377

Ion Ratio Lower Upper

69 100

41 61.3 57.1 85.7

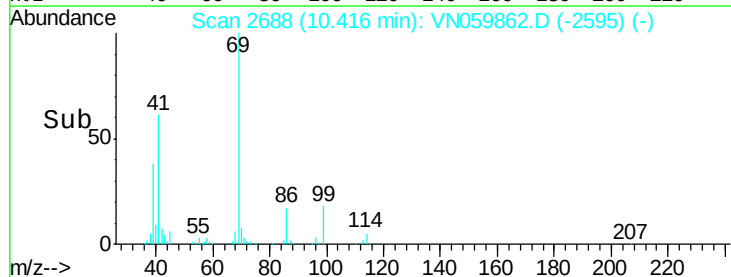
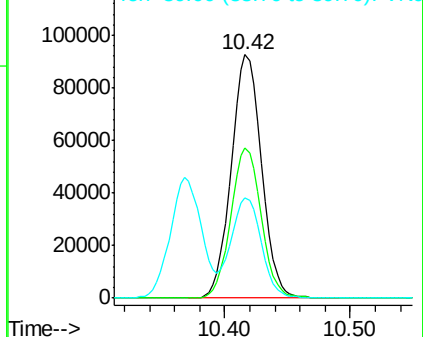
39 41.1 34.7 52.1

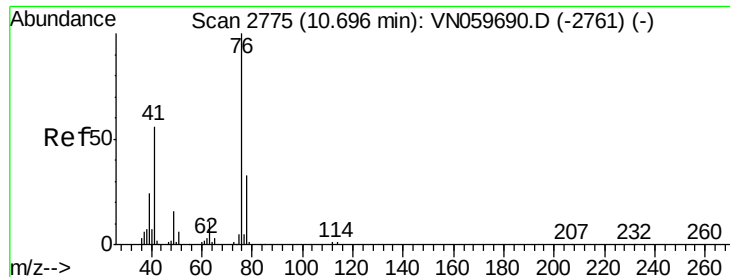


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

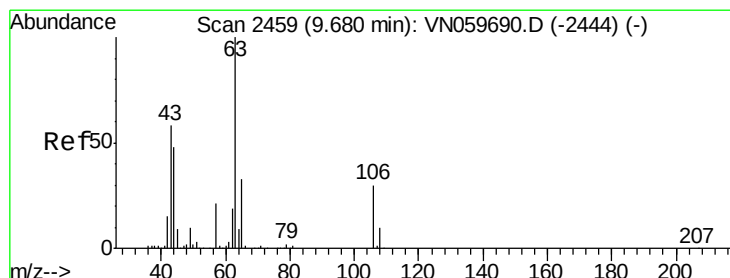
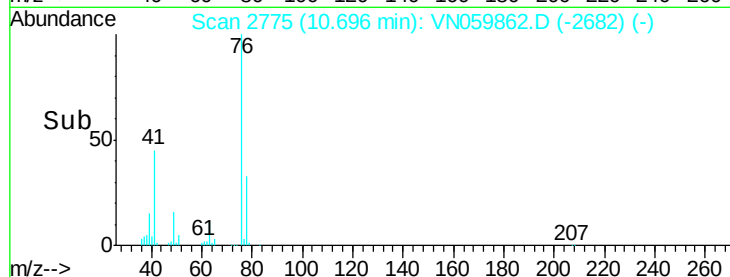
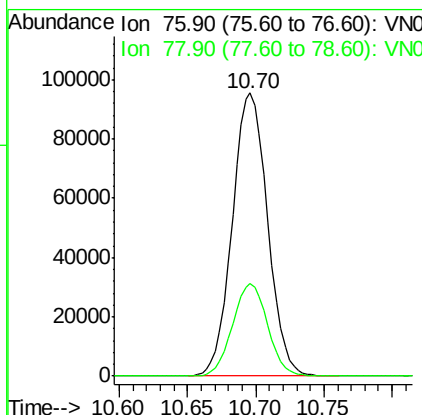
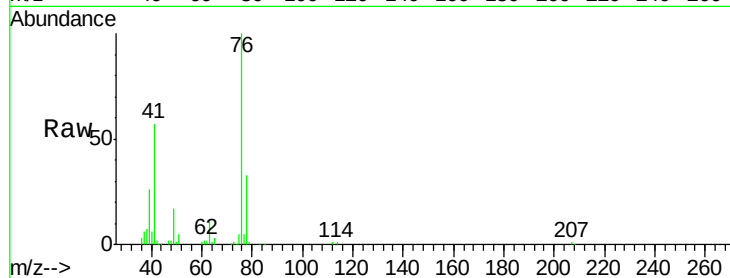




#57
 1,3-Dichloropropane
 Concen: 54.01 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

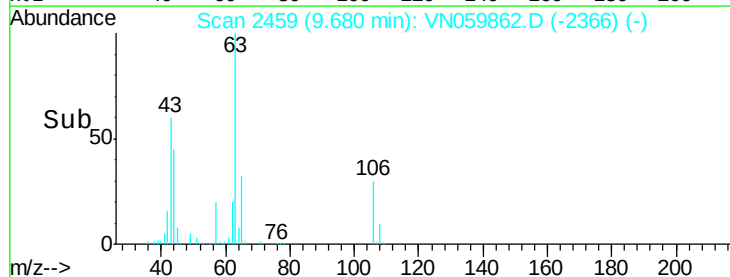
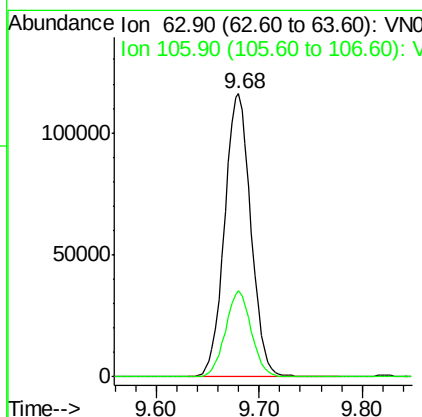
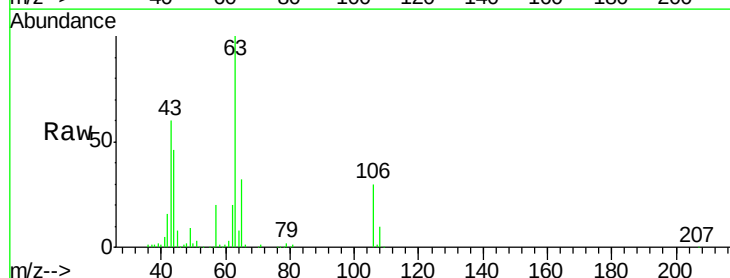
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

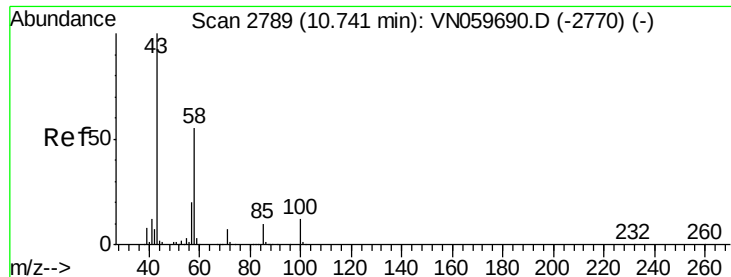
Tgt Ion: 76 Resp: 171500
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.91 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 63 Resp: 206102
 Ion Ratio Lower Upper
 63 100
 106 29.8 20.2 30.2

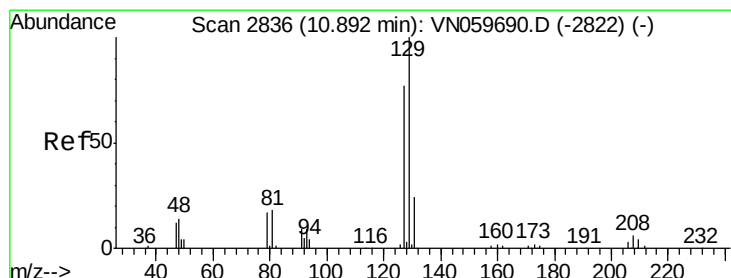
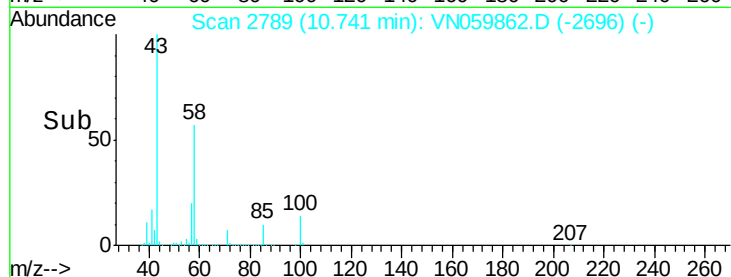
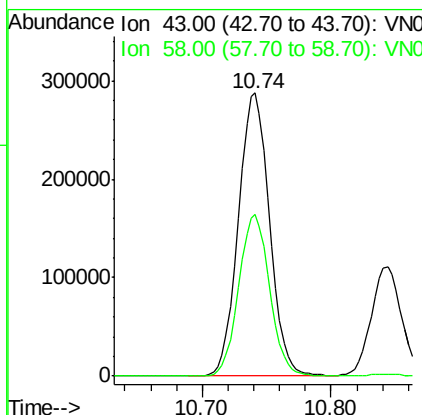
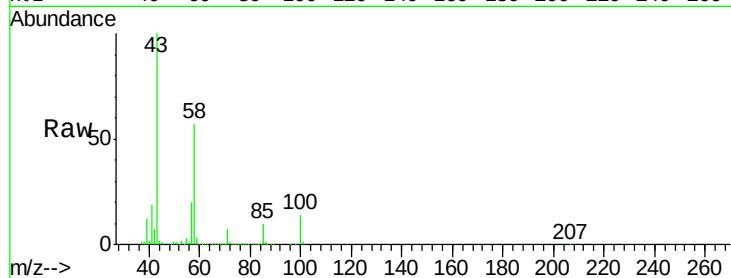




#59
2-Hexanone
Concen: 262.65 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

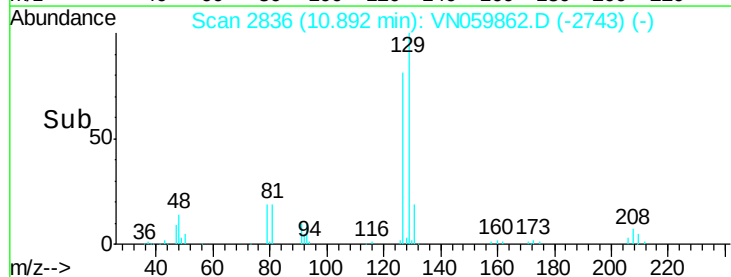
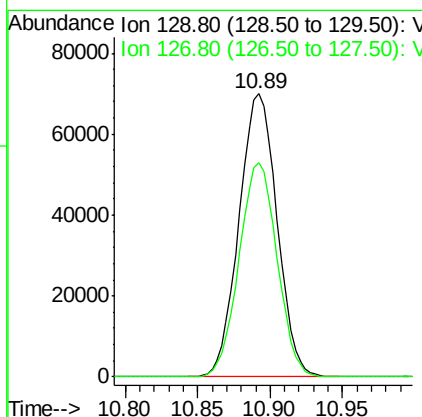
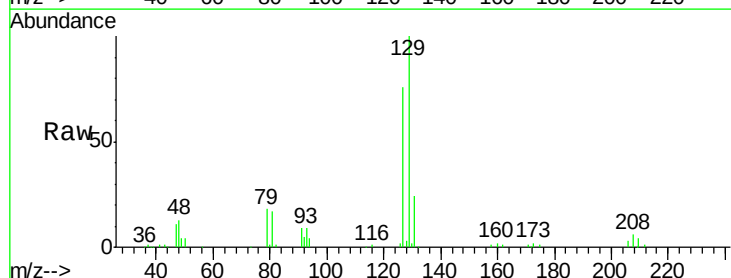
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

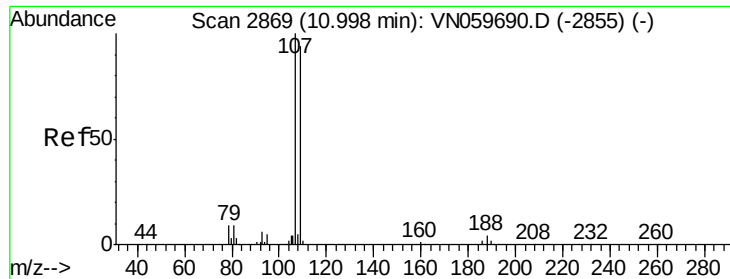
Tgt Ion: 43 Resp: 483727
Ion Ratio Lower Upper
43 100
58 56.6 25.8 77.3



#60
Dibromochloromethane
Concen: 56.16 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion: 129 Resp: 127899
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.5

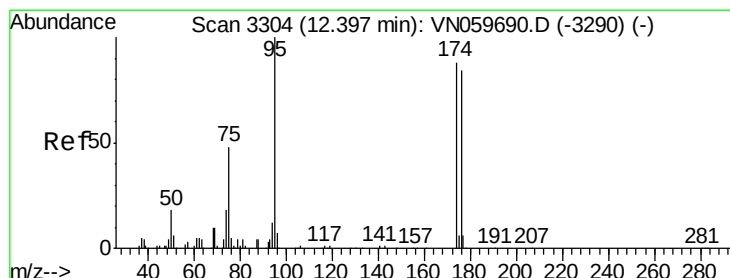
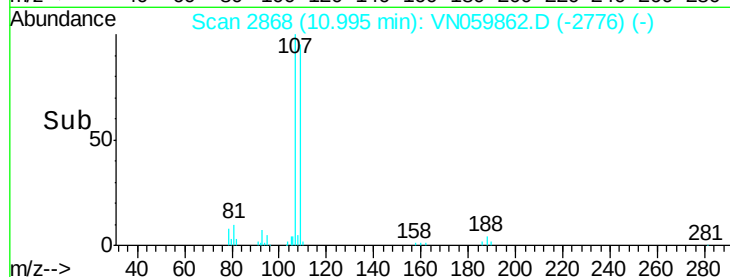
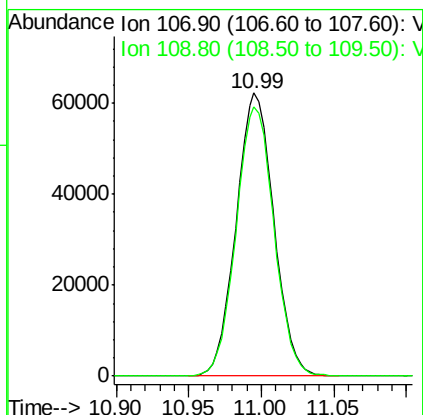
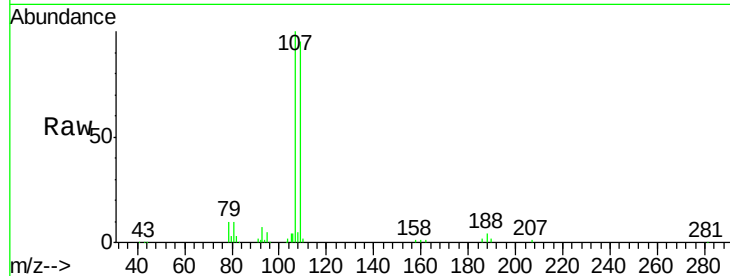




#61
 1,2-Dibromoethane
 Concen: 53.69 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

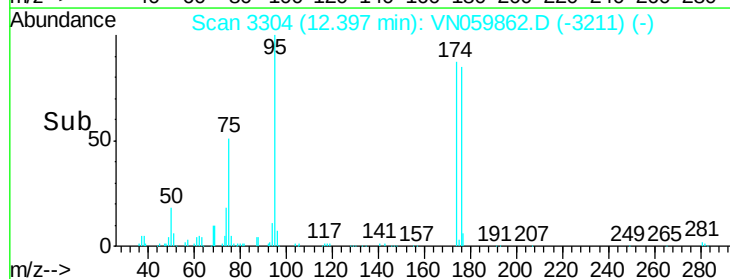
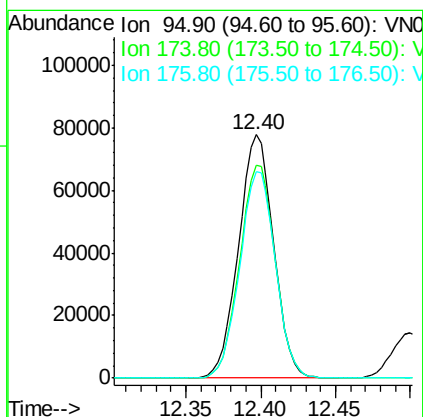
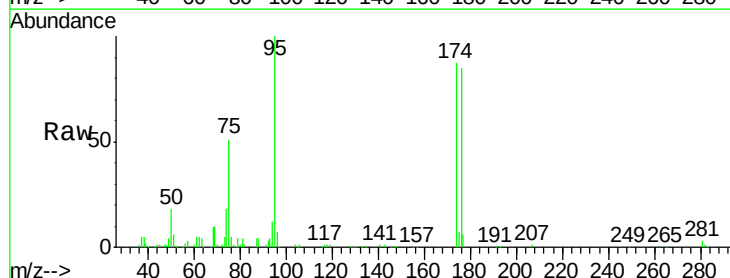
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

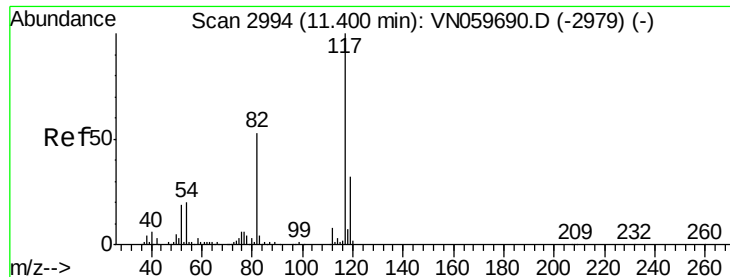
Tgt Ion: 107 Resp: 112539
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 49.44 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 95 Resp: 126759
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 151.4
 176 86.3 0.0 146.0

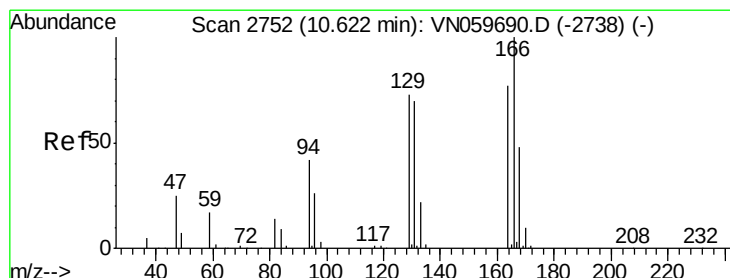
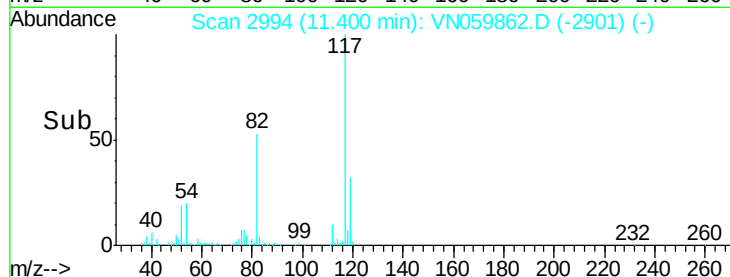
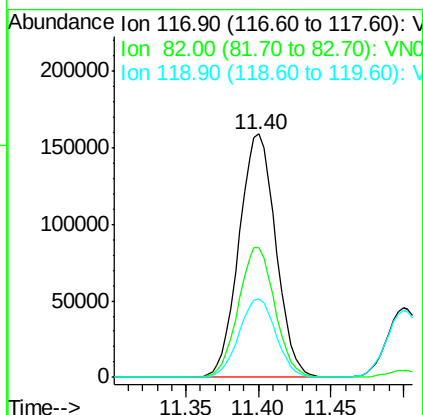
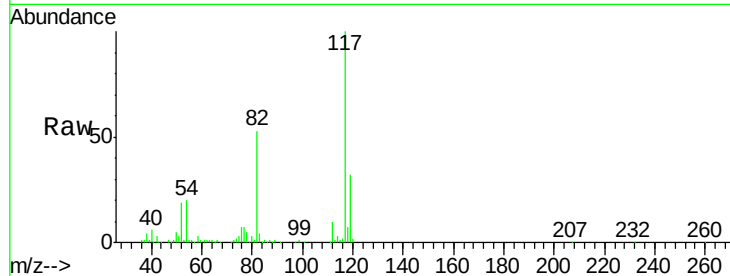




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

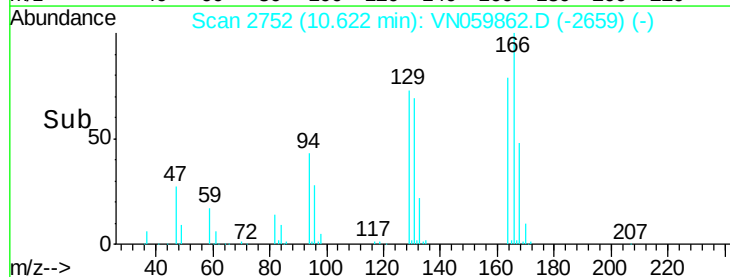
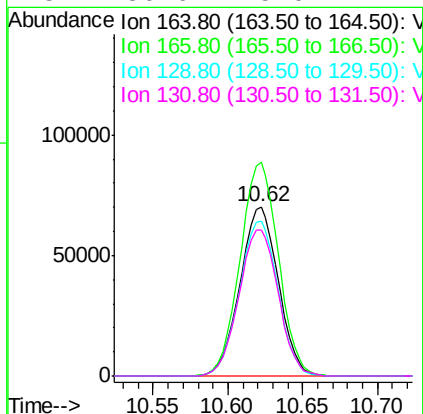
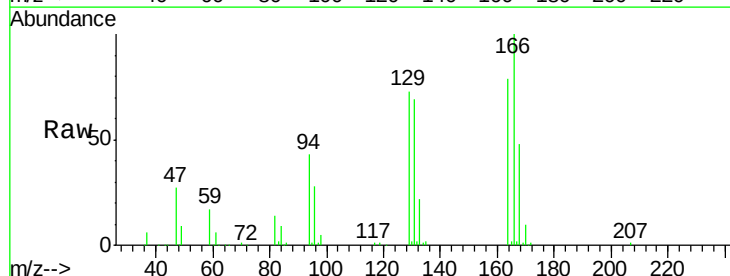
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

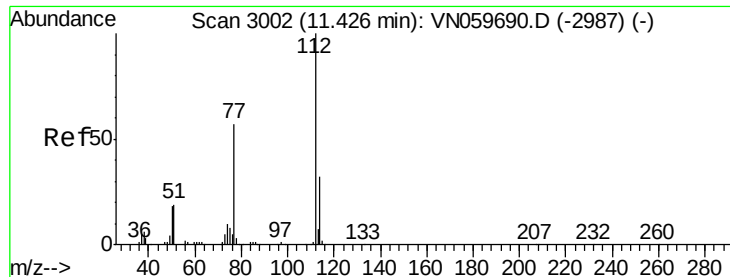
Tgt Ion:117 Resp: 280823
Ion Ratio Lower Upper
117 100
82 53.3 45.9 68.9
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 54.52 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion:164 Resp: 124790
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 91.7 80.2 120.4
131 86.6 75.0 112.4





#65

Chlorobenzene

Concen: 53.13 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

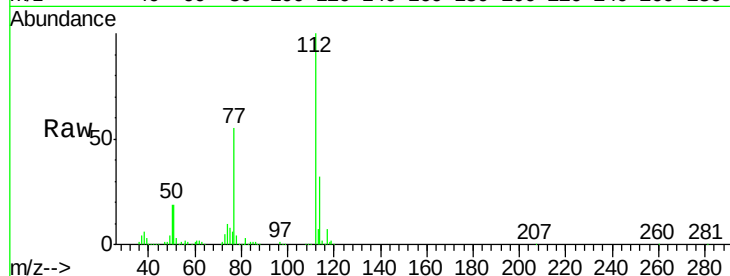
VSTDCCC050

Tgt Ion:112 Resp: 293261

Ion Ratio Lower Upper

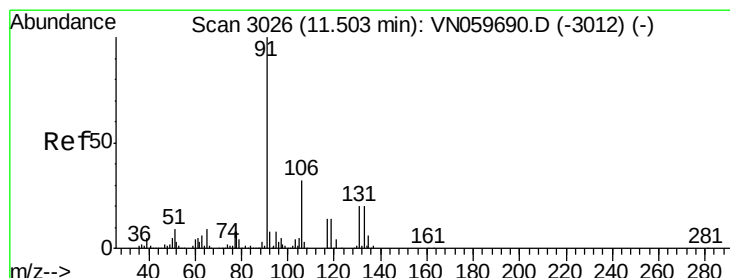
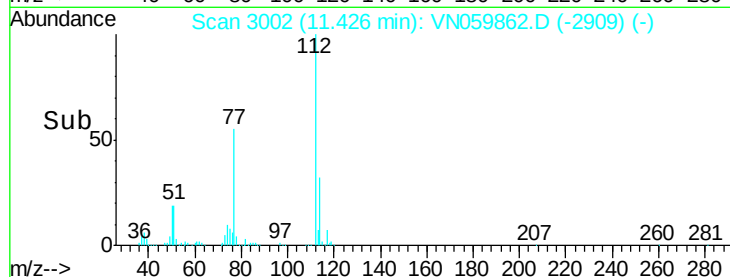
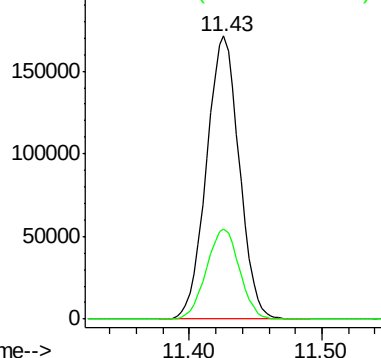
112 100

114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.31 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

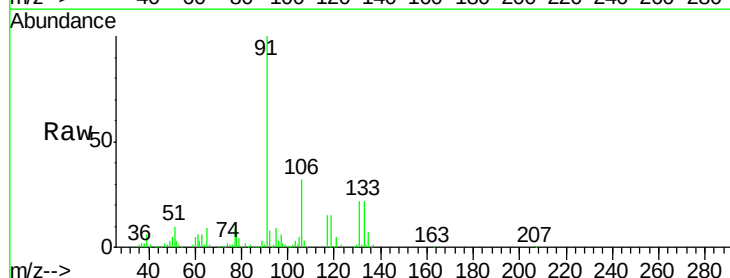
Tgt Ion:131 Resp: 115824

Ion Ratio Lower Upper

131 100

133 97.1 47.4 142.2

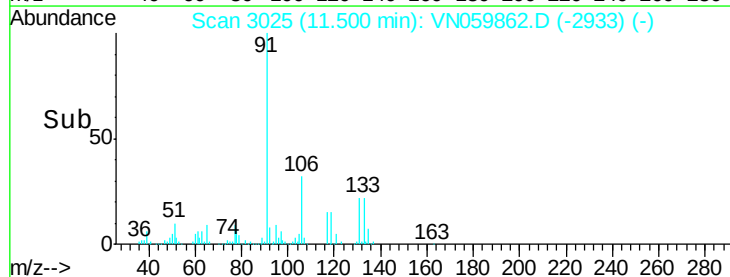
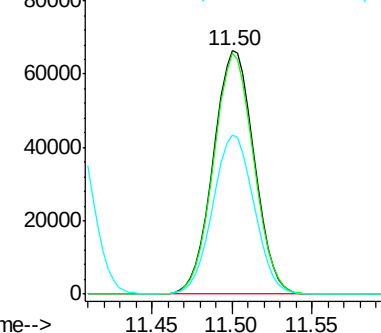
119 65.8 33.1 99.3

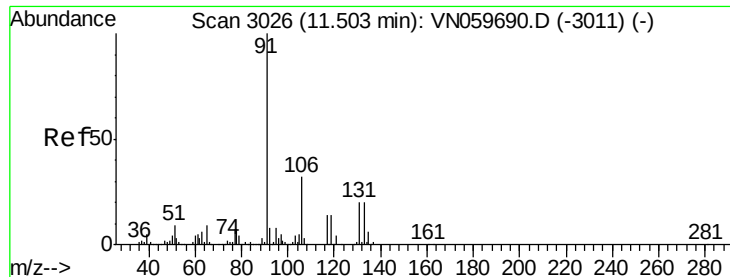


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.54 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

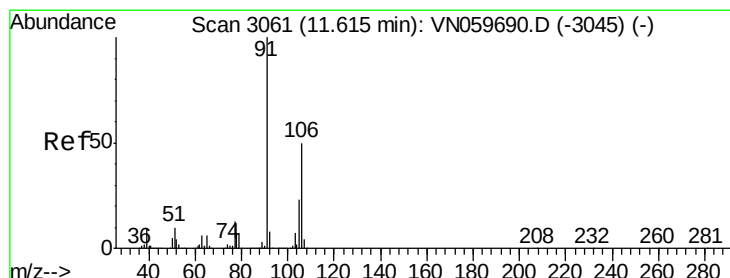
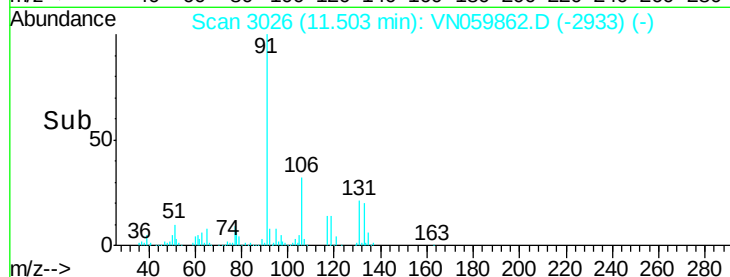
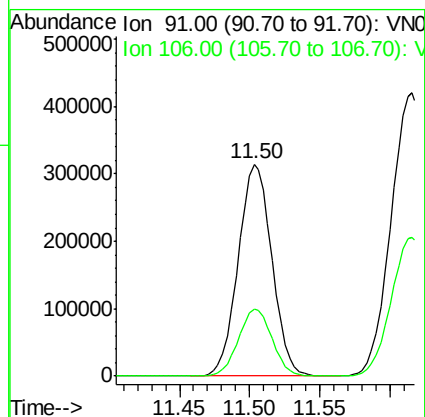
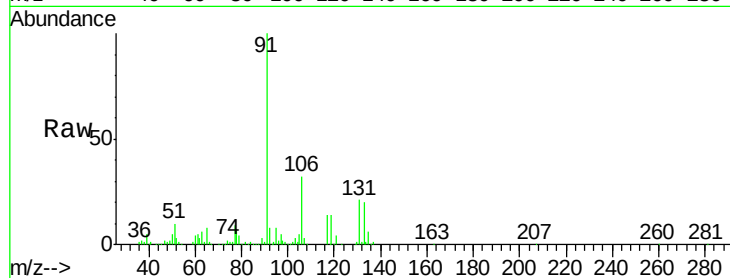
VSTDCCC050

Tgt Ion: 91 Resp: 526430

Ion Ratio Lower Upper

91 100

106 31.6 24.1 36.1



#68

m/p-Xylenes

Concen: 105.85 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059862.D

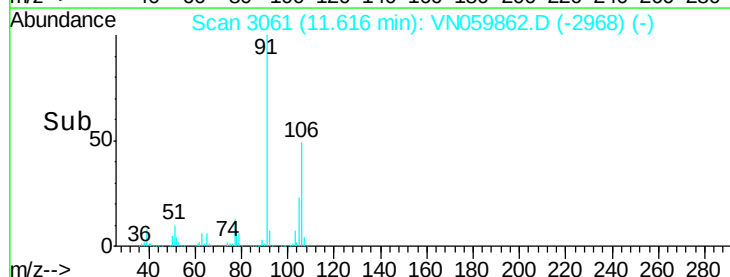
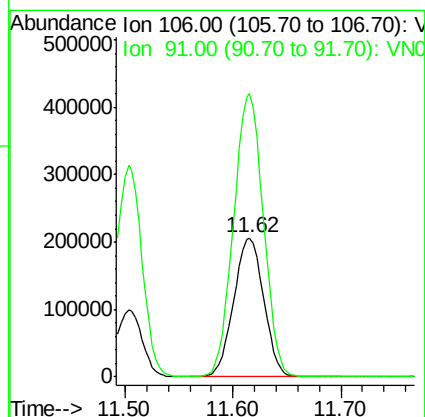
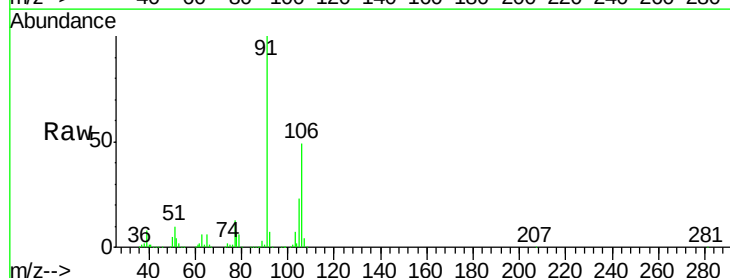
Acq: 27 Jan 2020 9:48

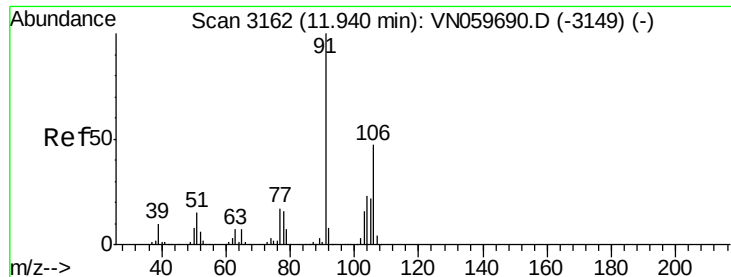
Tgt Ion: 106 Resp: 400623

Ion Ratio Lower Upper

106 100

91 201.9 167.9 251.9

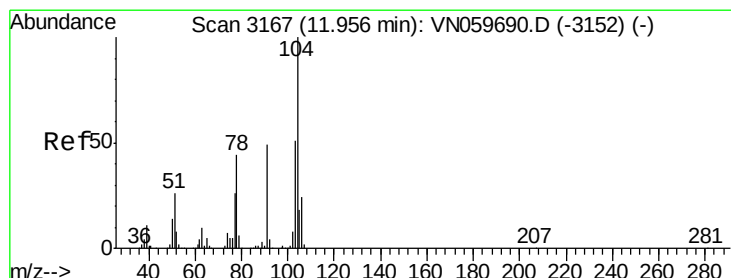
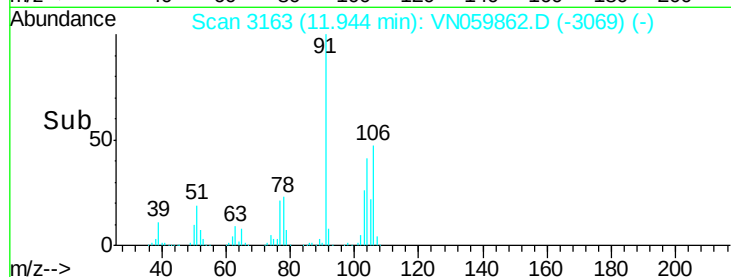
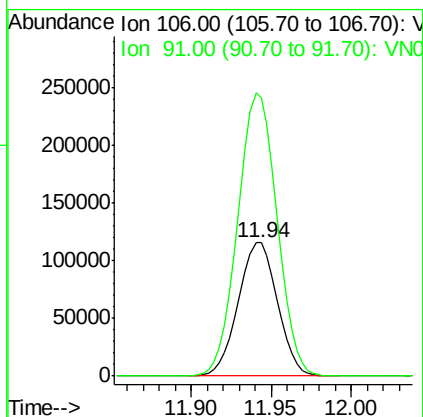
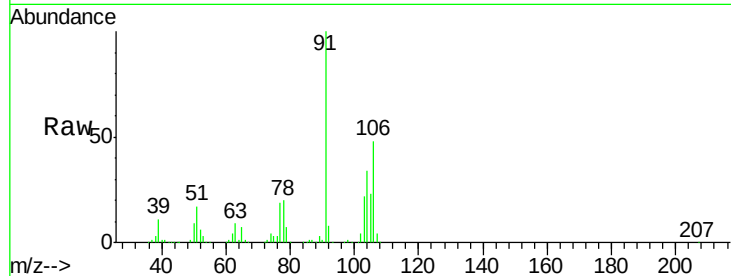




#69
o-Xylene
Concen: 52.19 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

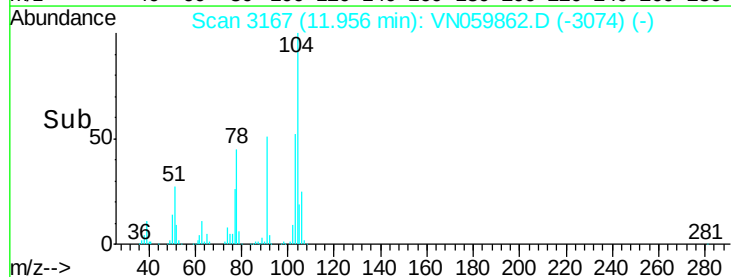
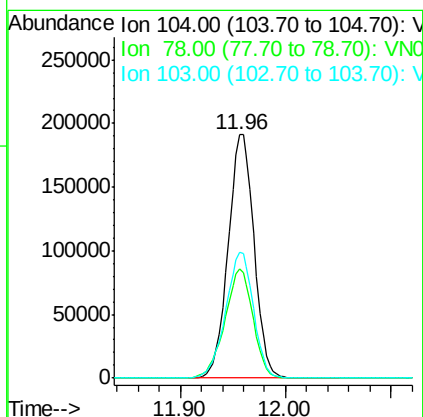
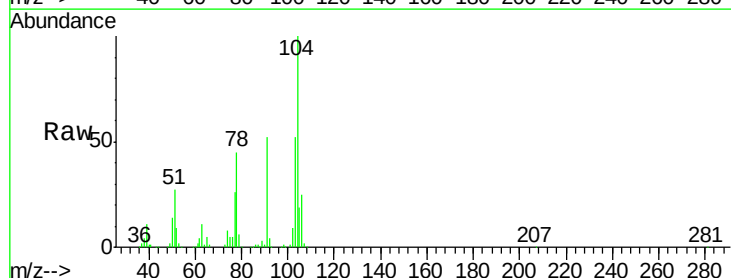
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

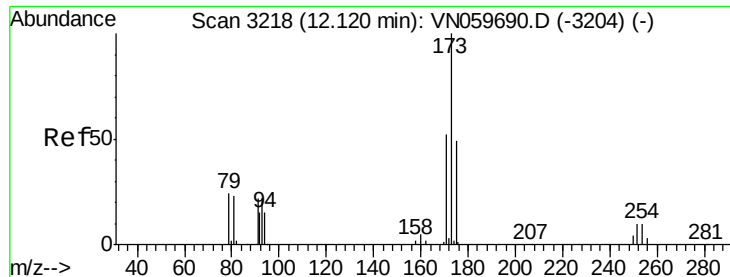
Tgt Ion:106 Resp: 193407
Ion Ratio Lower Upper
106 100
91 211.6 110.3 330.9



#70
Styrene
Concen: 52.26 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion:104 Resp: 324057
Ion Ratio Lower Upper
104 100
78 48.7 42.4 63.6
103 55.6 43.9 65.9





#71

Bromoform

Concen: 56.49 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

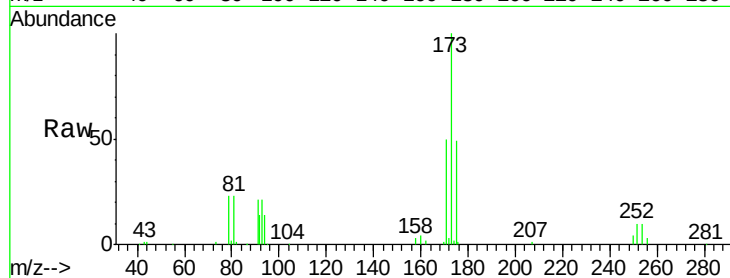
Tgt Ion:173 Resp: 96502

Ion Ratio Lower Upper

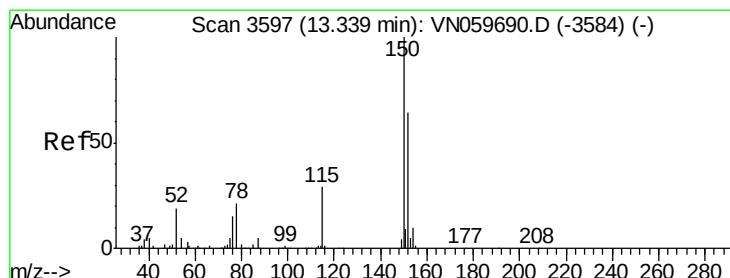
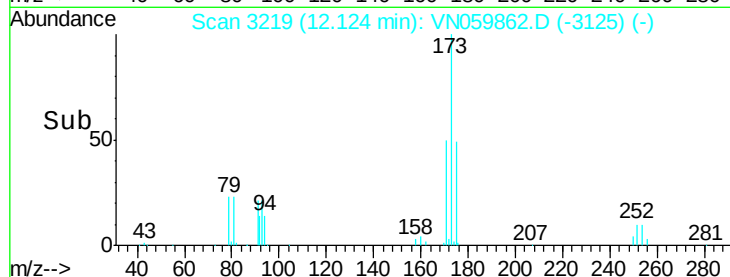
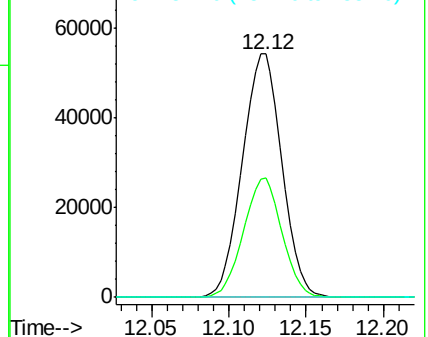
173 100

175 47.7 23.8 71.4

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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

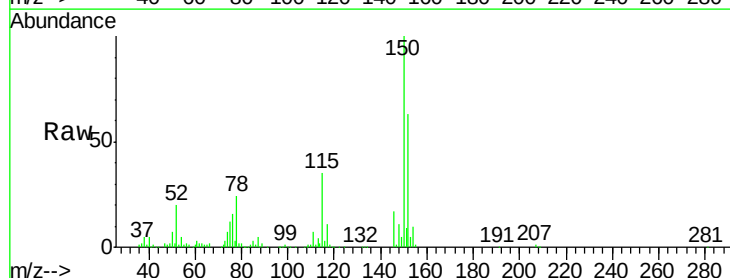
Tgt Ion:152 Resp: 137212

Ion Ratio Lower Upper

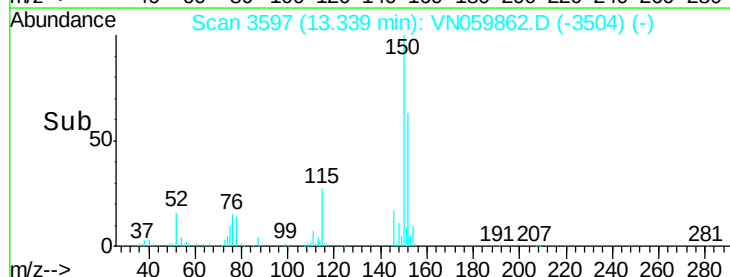
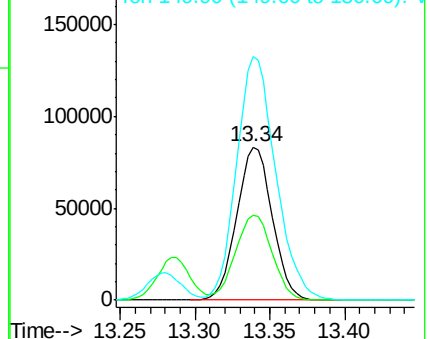
152 100

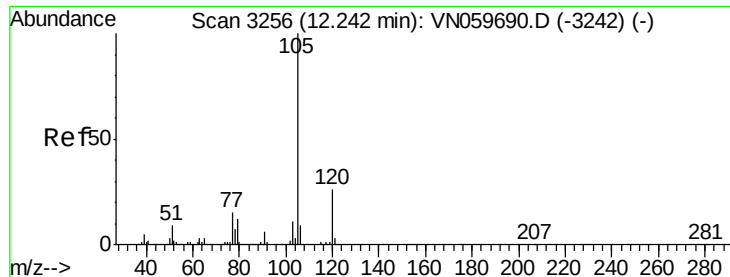
115 57.5 30.3 90.9

150 176.1 0.0 345.2



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: 52.24 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

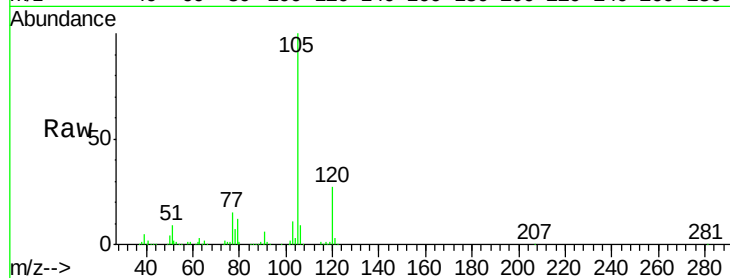
VSTDCCC050

Tgt Ion: 105 Resp: 525742

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

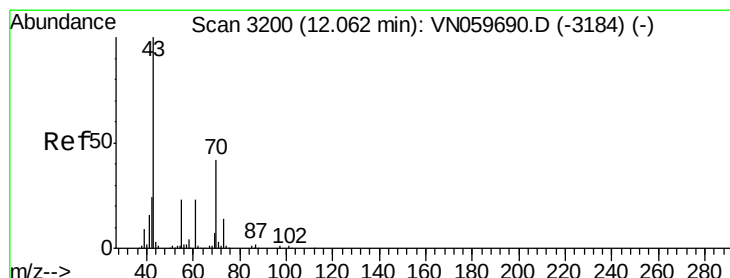
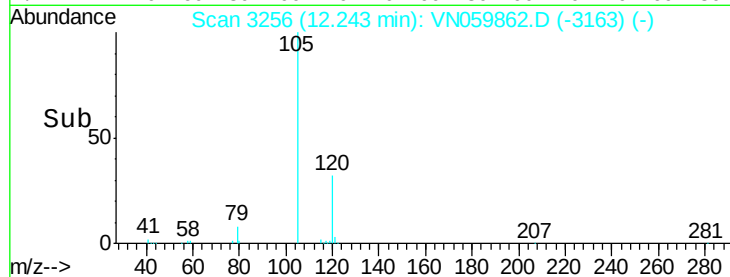
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 47.74 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Tgt Ion: 43 Resp: 186430

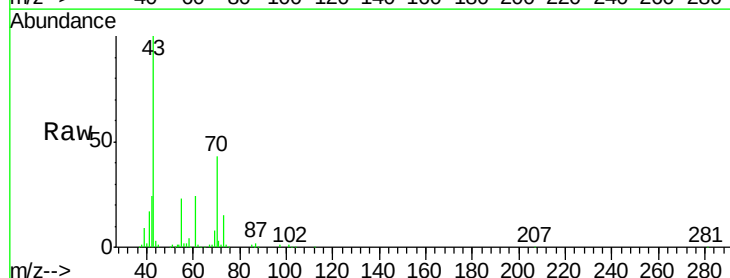
Ion Ratio Lower Upper

43 100

70 43.3 31.3 46.9

55 23.2 19.8 29.6

61 24.4 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

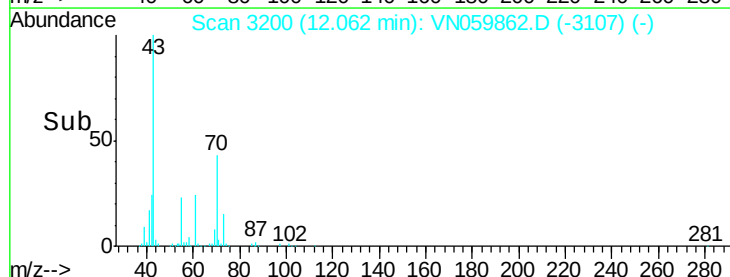
150000

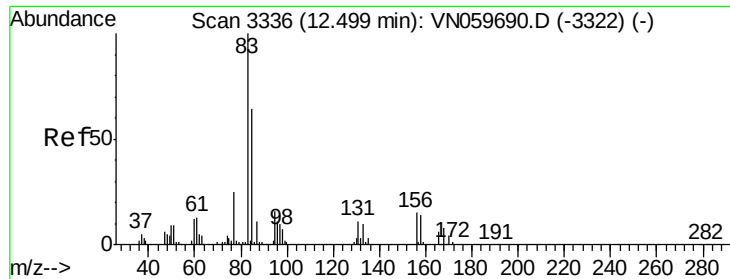
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 50.55 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

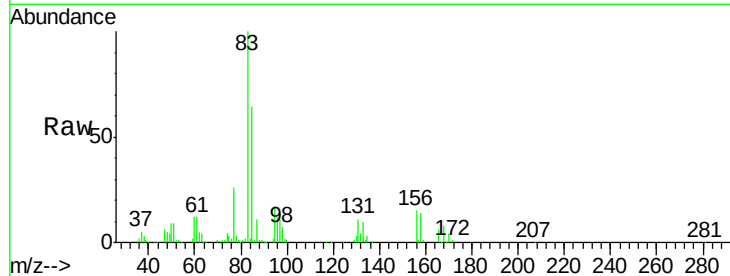
Tgt Ion: 83 Resp: 147482

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 63.8 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059862.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059862.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059862.D (-3243) (-)

120000

100000

80000

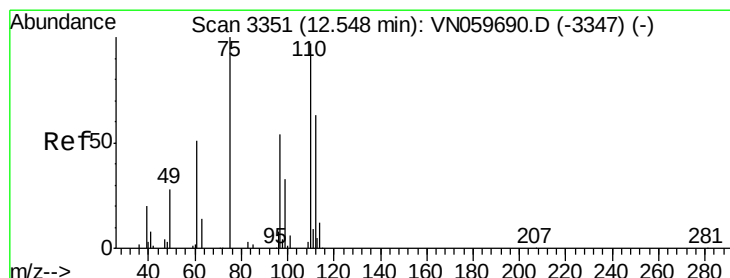
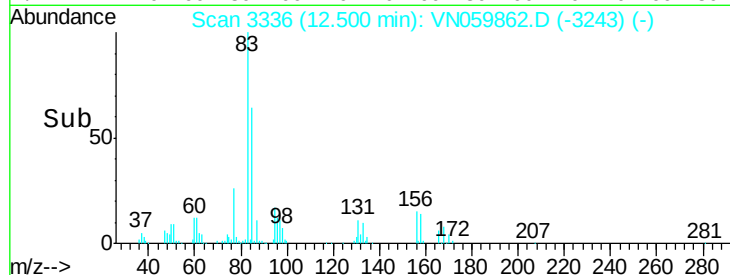
60000

40000

20000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 87.01 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059862.D

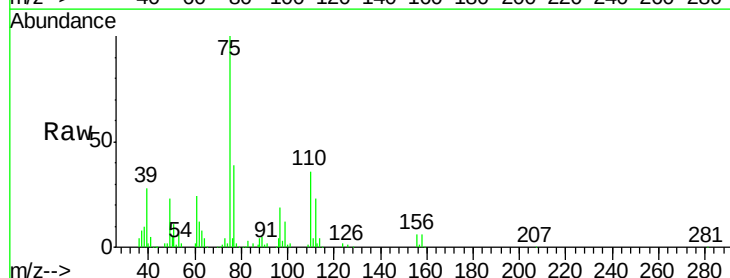
Acq: 27 Jan 2020 9:48

Tgt Ion: 75 Resp: 200925

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059862.D (-3258) (-)

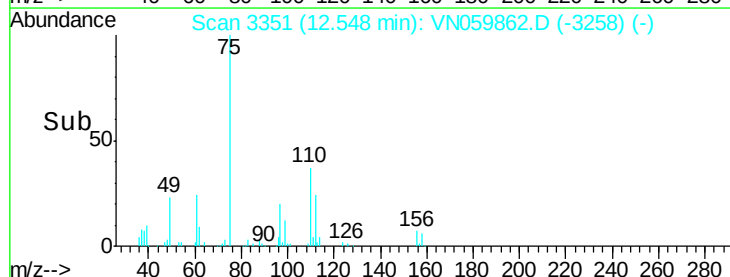
Ion 77.00 (76.70 to 77.70): VN059862.D (-3258) (-)

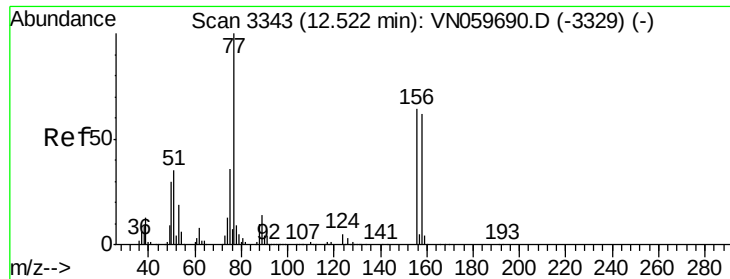
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 52.95 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

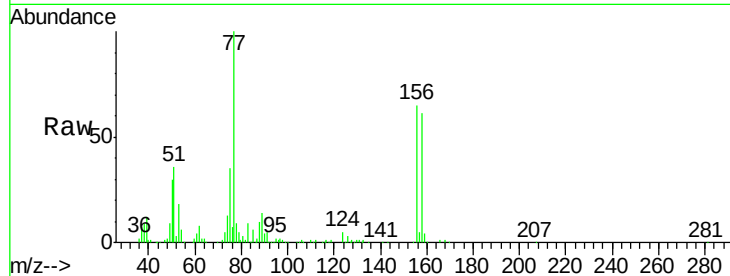
Tgt Ion:156 Resp: 134931

Ion Ratio Lower Upper

156 100

77 186.0 115.8 347.4

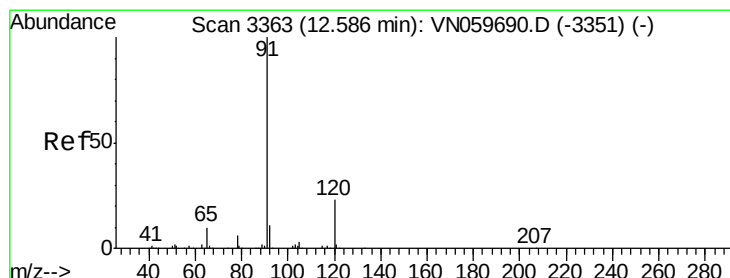
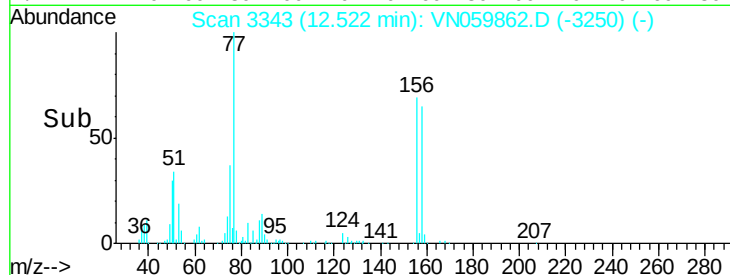
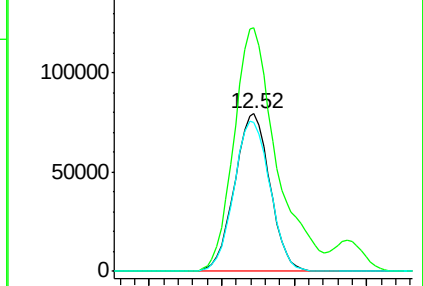
158 97.1 49.2 147.6



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: 52.97 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059862.D

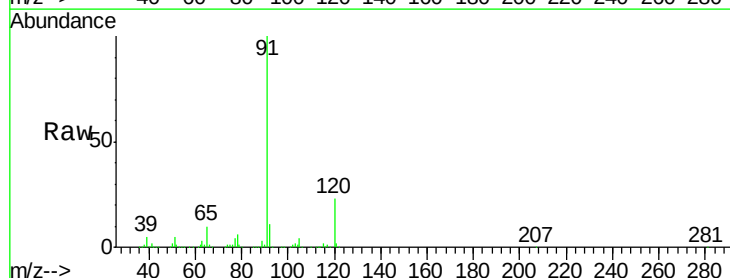
Acq: 27 Jan 2020 9:48

Tgt Ion: 91 Resp: 598284

Ion Ratio Lower Upper

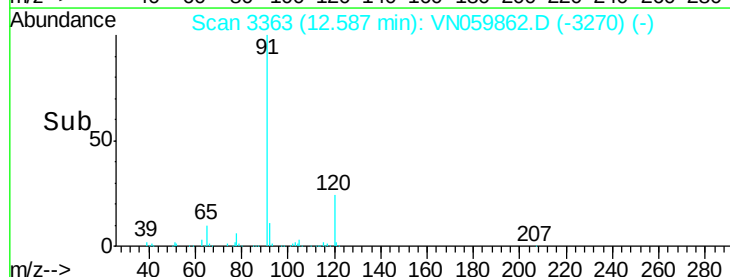
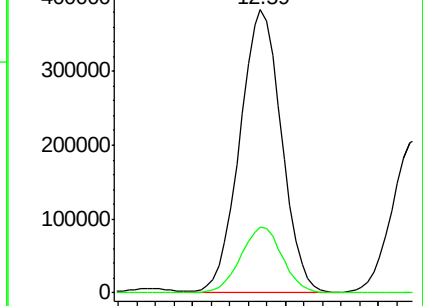
91 100

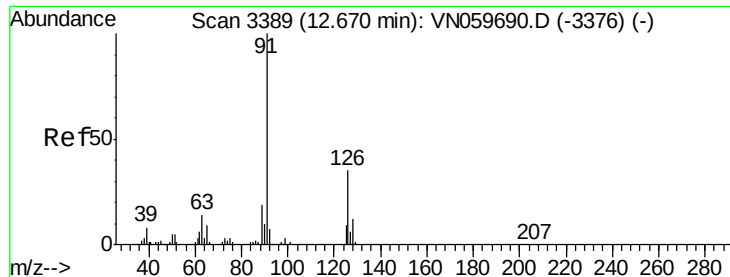
120 23.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

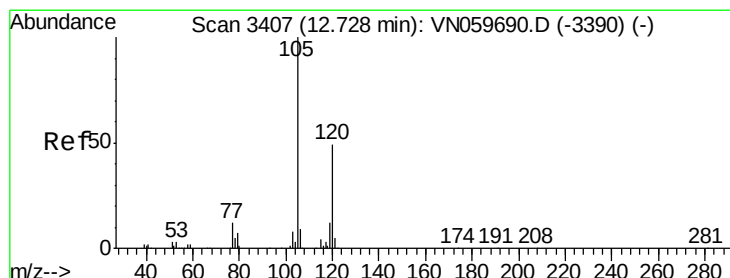
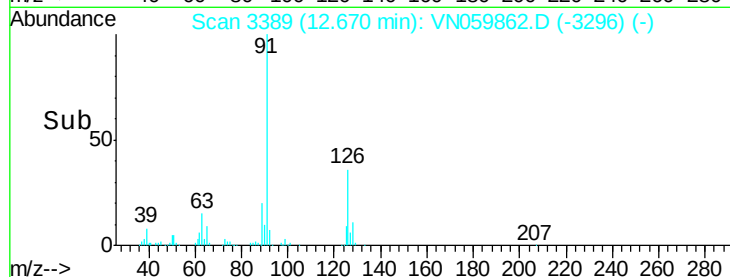
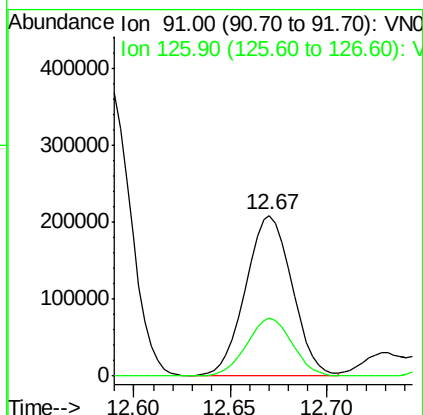
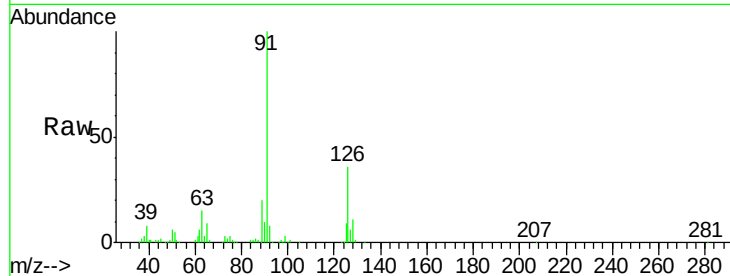




#79
 2-Chlorotoluene
 Concen: 51.88 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

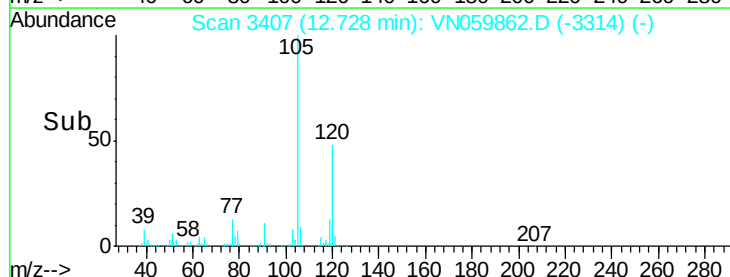
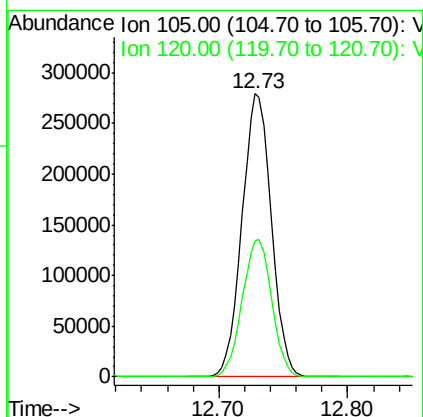
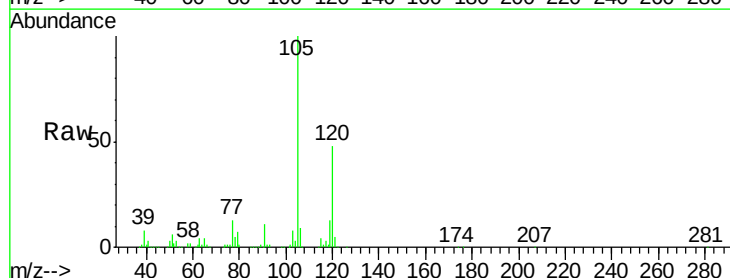
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

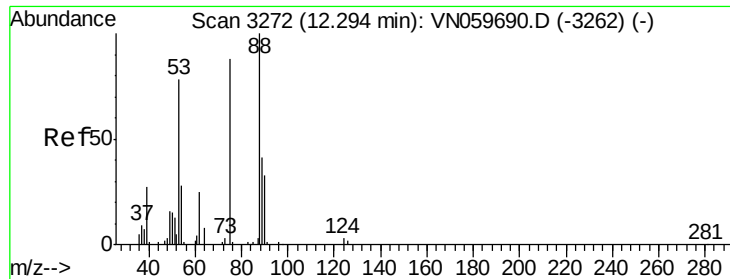
Tgt Ion: 91 Resp: 348603
 Ion Ratio Lower Upper
 91 100
 126 35.7 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 52.33 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion: 105 Resp: 442891
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 51.61 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

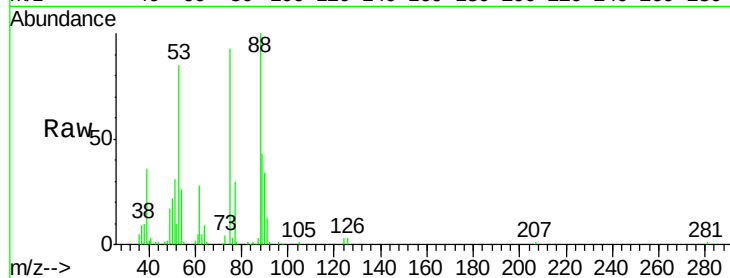
Tgt Ion: 75 Resp: 55499

Ion Ratio Lower Upper

75 100

53 90.4 78.1 117.1

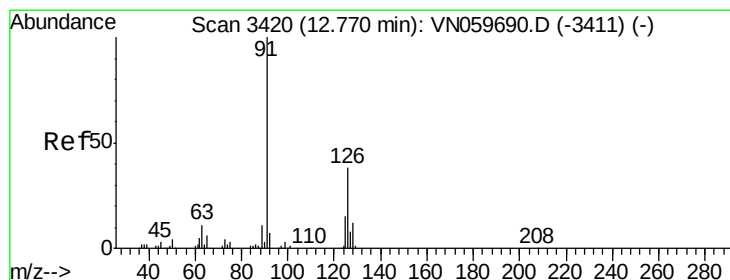
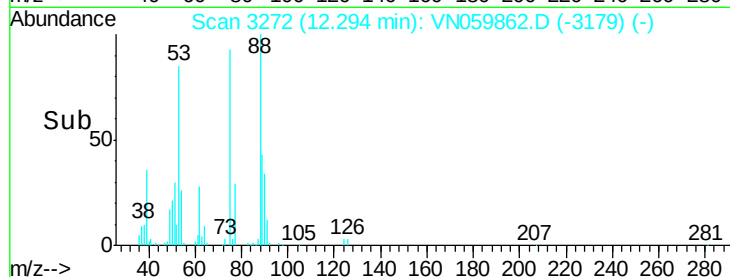
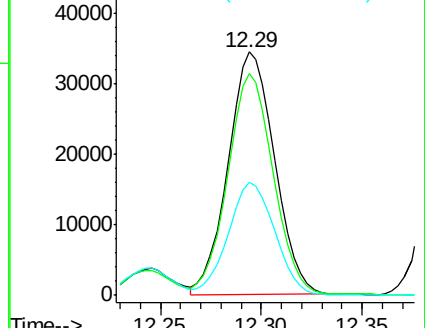
89 46.8 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN059862.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN059862.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN059862.D (-3179) (-)



#82

4-Chlorotoluene

Concen: 53.17 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059862.D

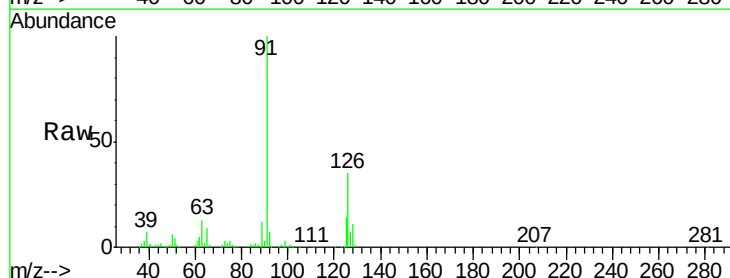
Acq: 27 Jan 2020 9:48

Tgt Ion: 91 Resp: 358364

Ion Ratio Lower Upper

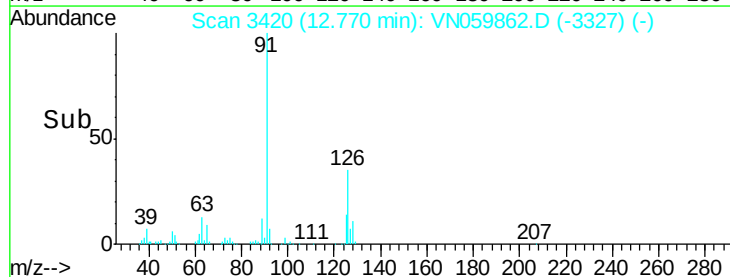
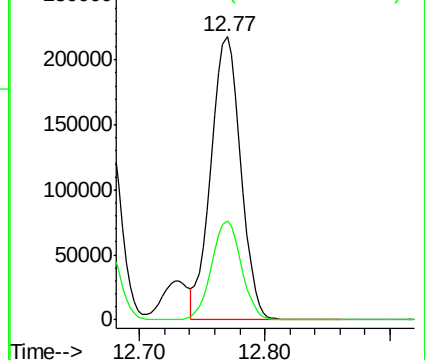
91 100

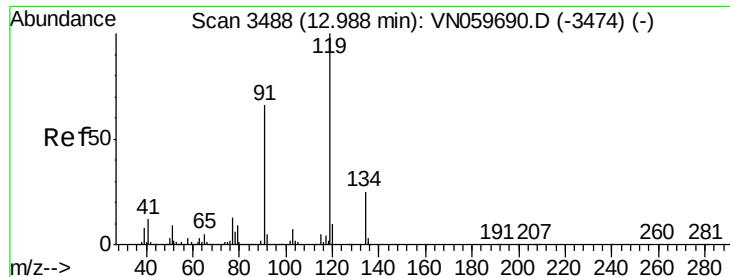
126 35.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN059862.D (-3327) (-)

Ion 125.90 (125.60 to 126.60): VN059862.D (-3327) (-)

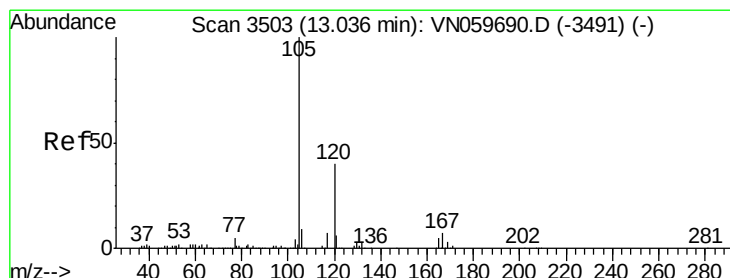
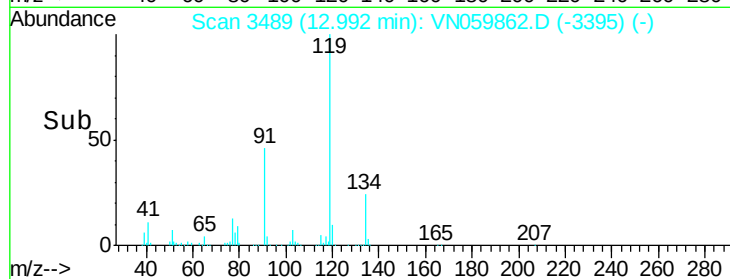
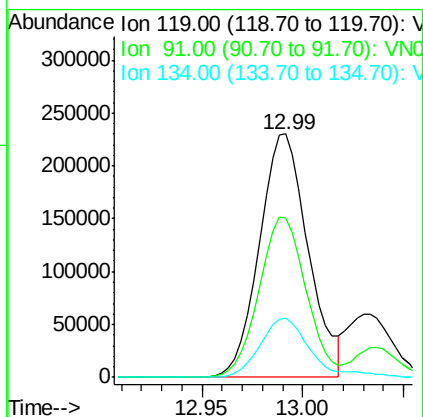
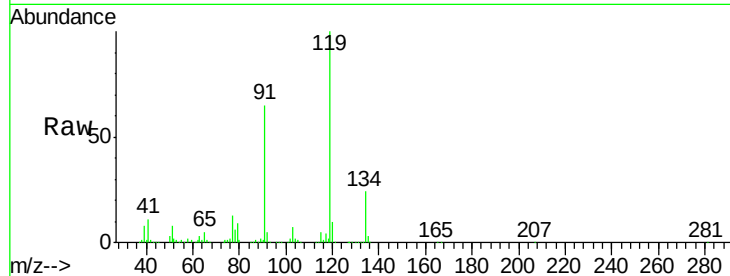




#83
 tert-Butylbenzene
 Concen: 52.97 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

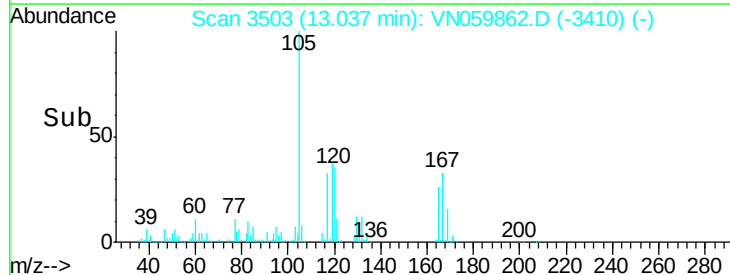
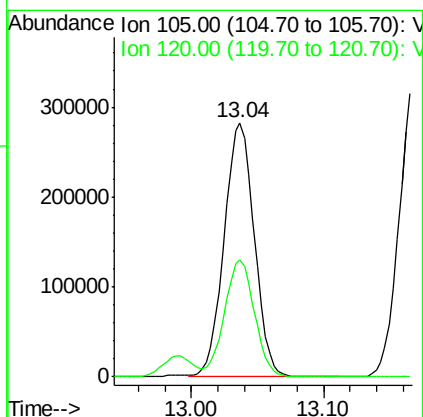
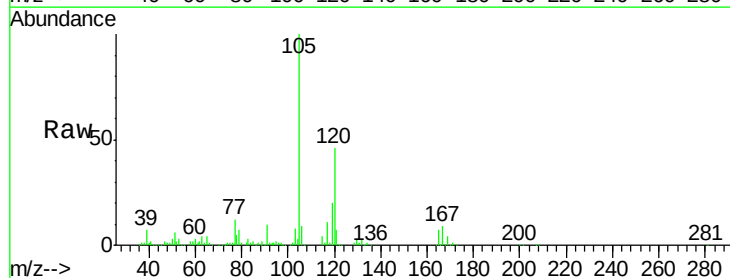
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

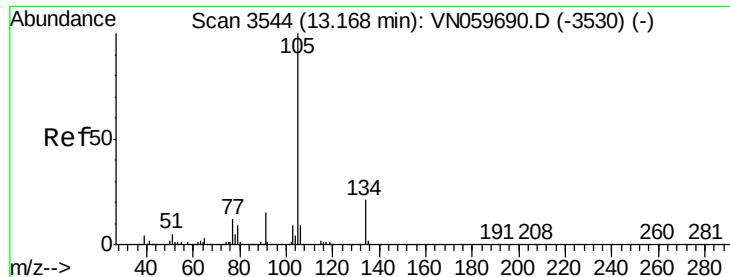
Tgt Ion:119 Resp: 387684
 Ion Ratio Lower Upper
 119 100
 91 63.5 34.8 104.4
 134 25.0 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.13 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion:105 Resp: 444860
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.07 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

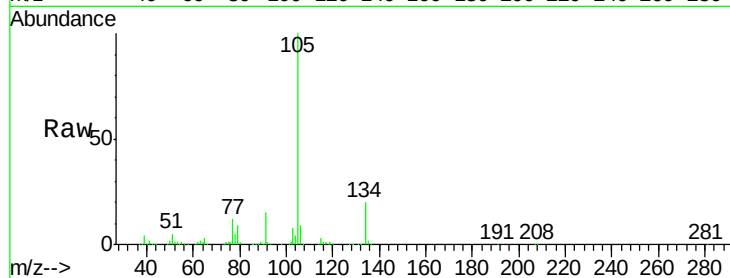
VSTDCCC050

Tgt Ion:105 Resp: 510359

Ion Ratio Lower Upper

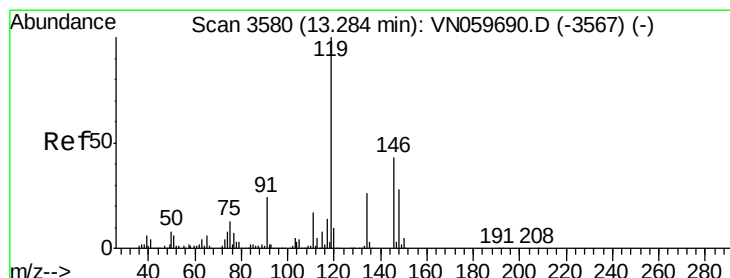
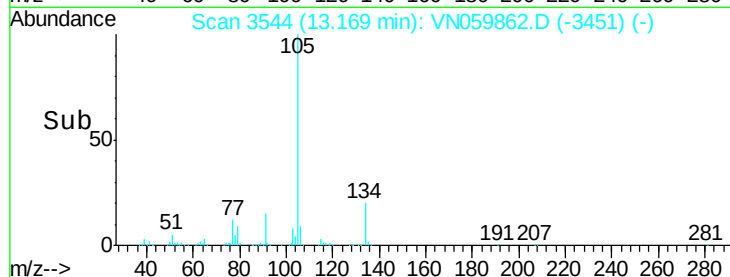
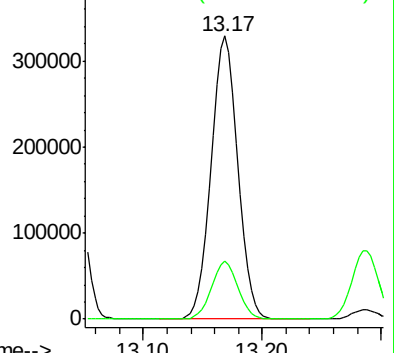
105 100

134 20.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.74 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

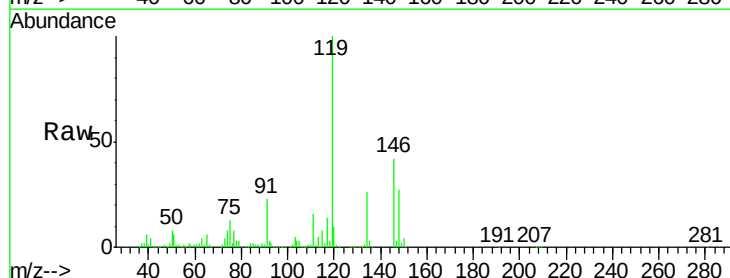
Tgt Ion:119 Resp: 469284

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.7

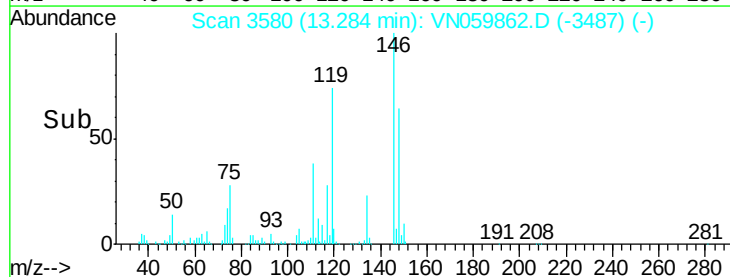
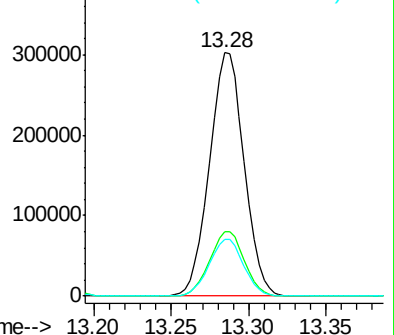
91 23.3 12.4 37.4

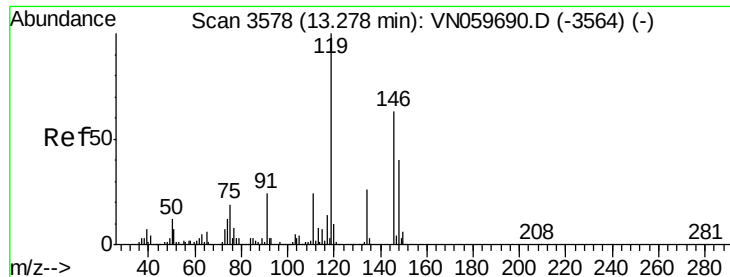


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

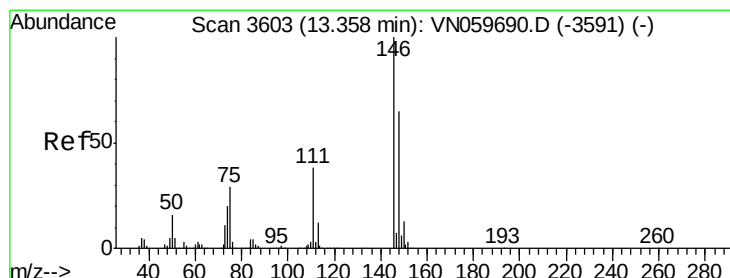
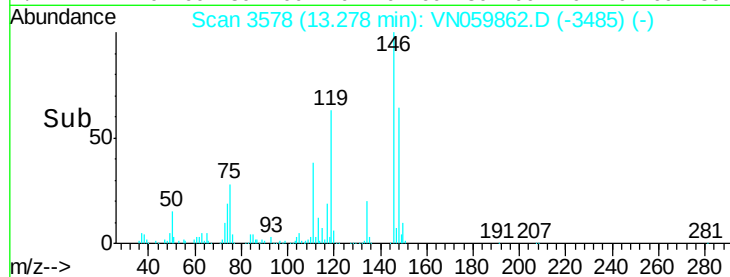
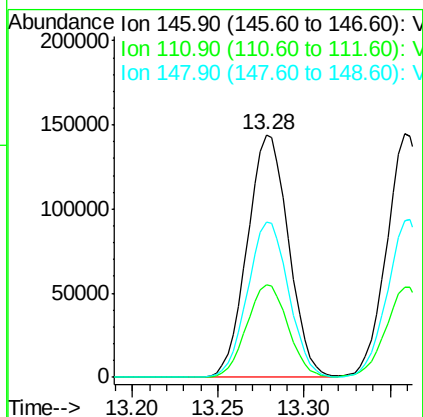
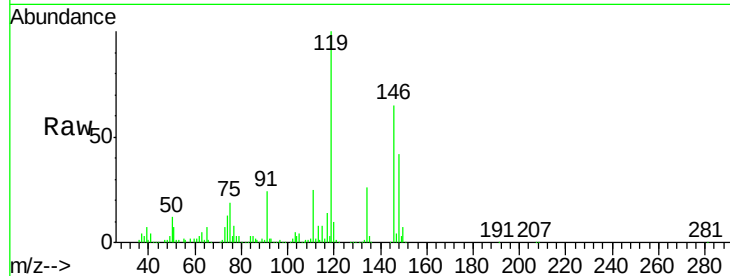




#87
 1,3-Dichlorobenzene
 Concen: 54.19 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

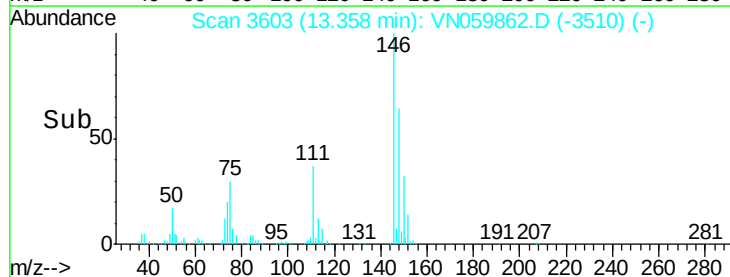
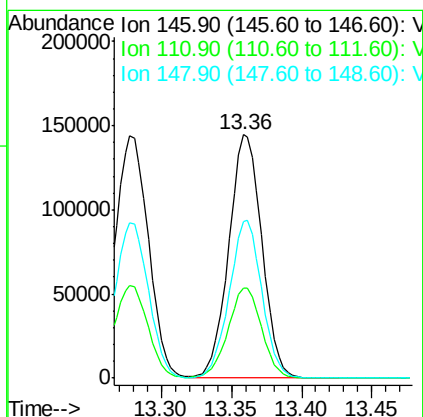
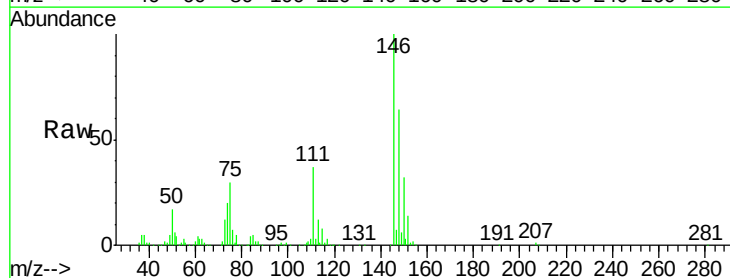
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

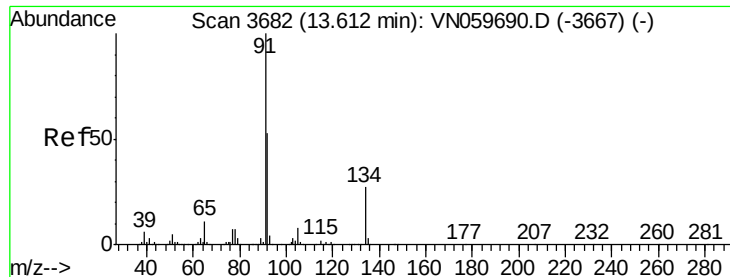
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.8	62.2
148	63.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 53.82 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.8	62.2
148	63.9	31.8	95.4

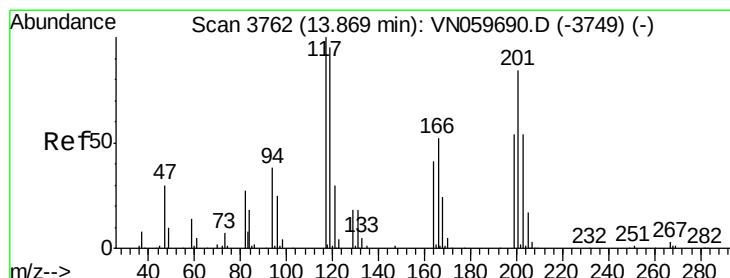
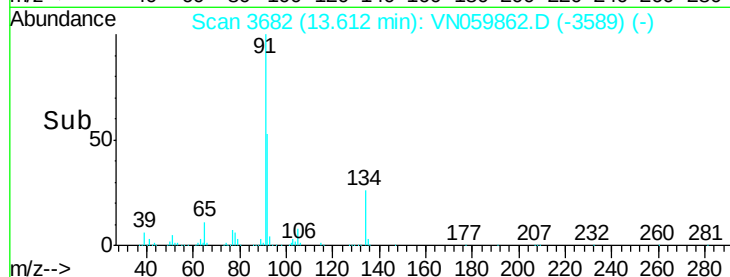
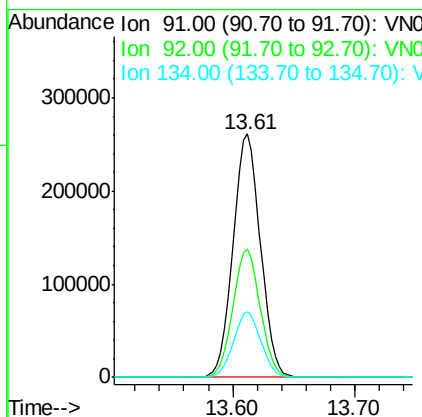
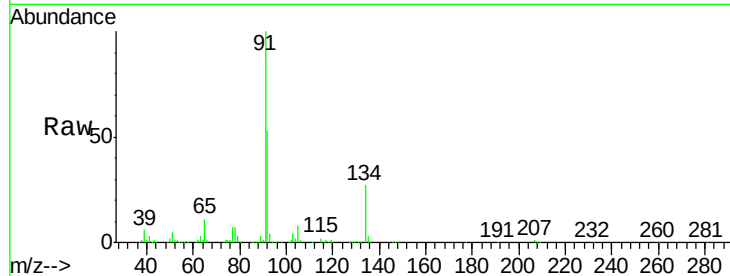




#89
n-Butylbenzene
Concen: 53.57 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

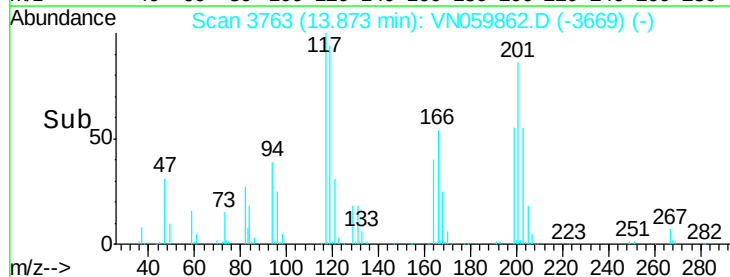
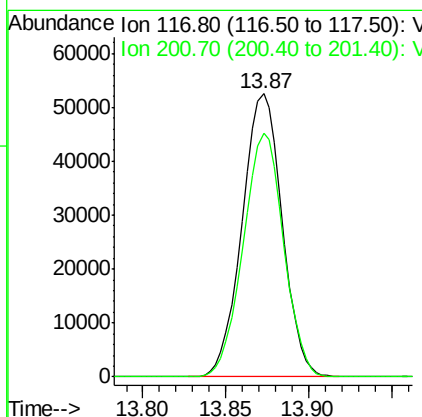
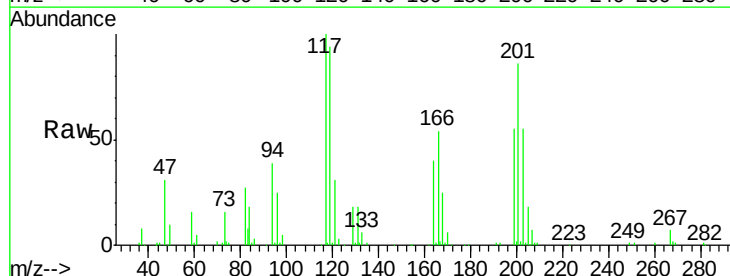
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

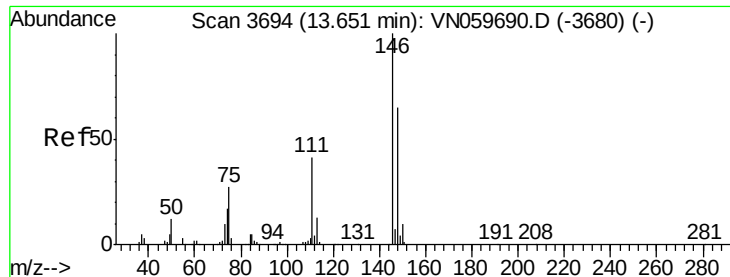
Tgt Ion: 91 Resp: 406471
Ion Ratio Lower Upper
91 100
92 52.5 25.9 77.7
134 26.9 12.3 36.8



#90
Hexachloroethane
Concen: 53.02 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion: 117 Resp: 88279
Ion Ratio Lower Upper
117 100
201 86.8 37.8 113.4

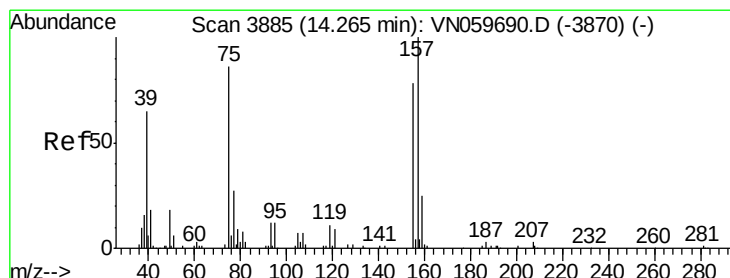
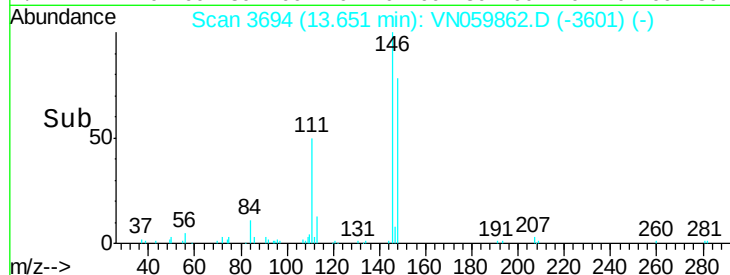
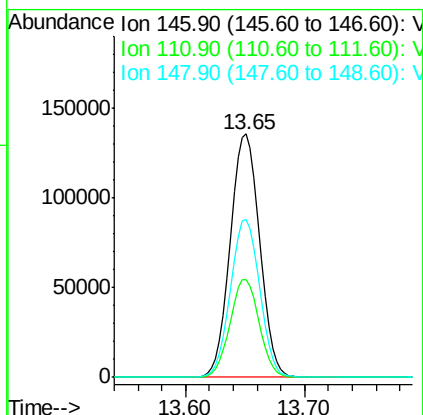
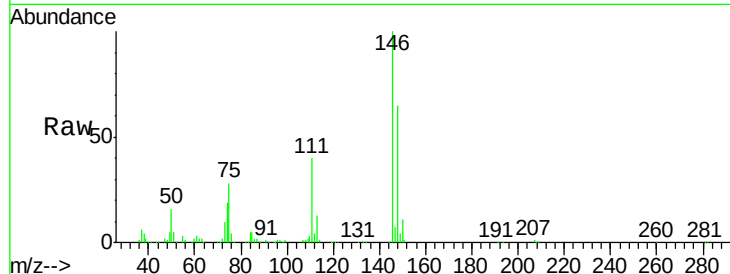




#91
 1,2-Dichlorobenzene
 Concen: 53.27 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

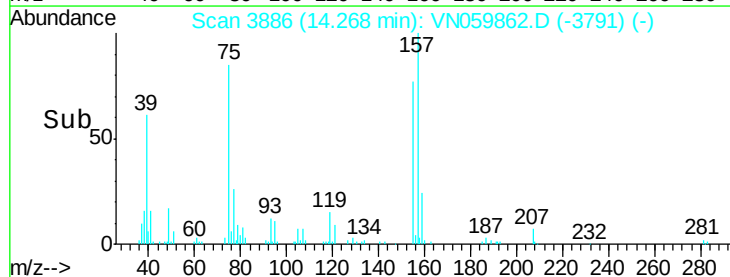
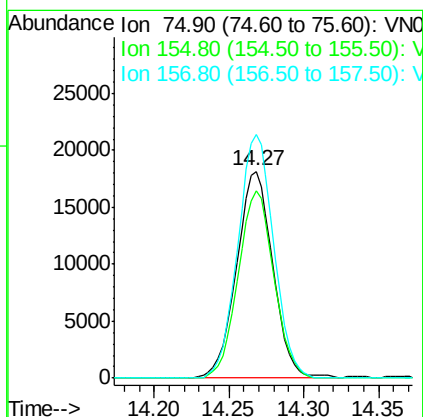
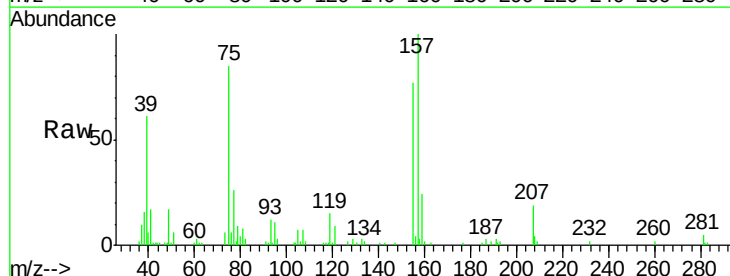
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

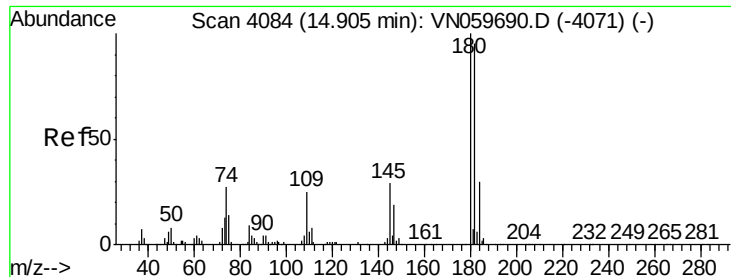
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.6	64.8
148	64.5	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.76 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	37.0	110.9
157	116.4	48.4	145.2

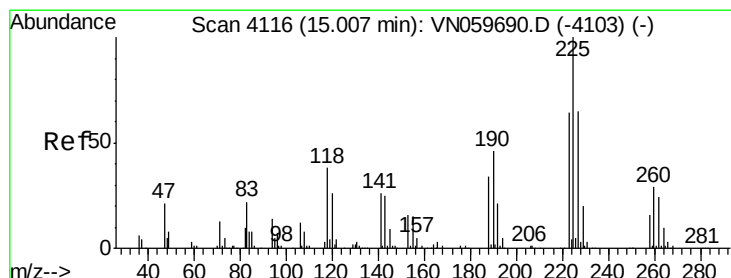
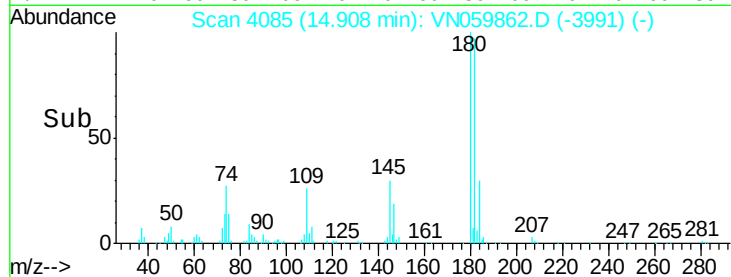
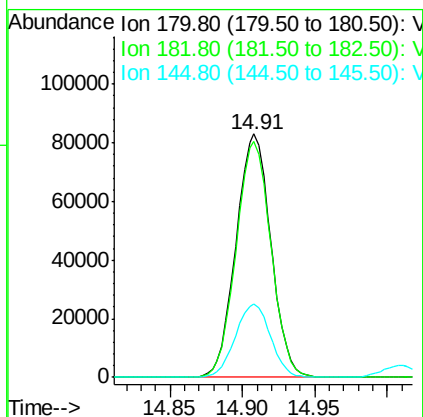
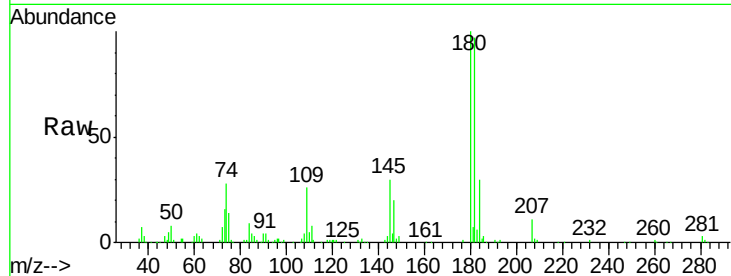




#93
 1,2,4-Trichlorobenzene
 Concen: 52.63 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

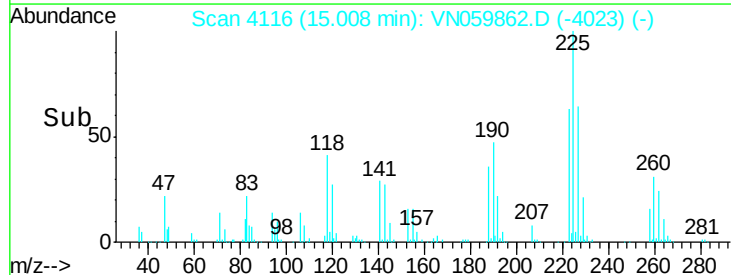
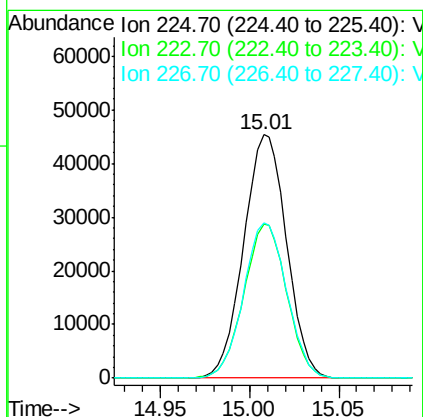
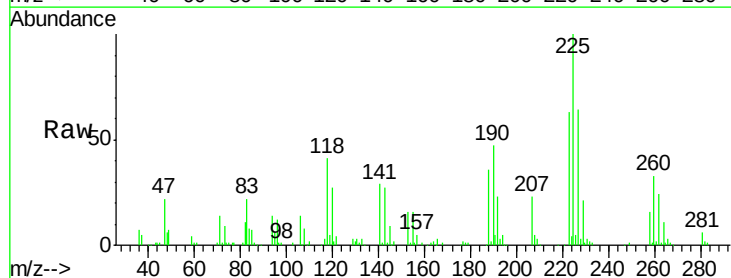
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

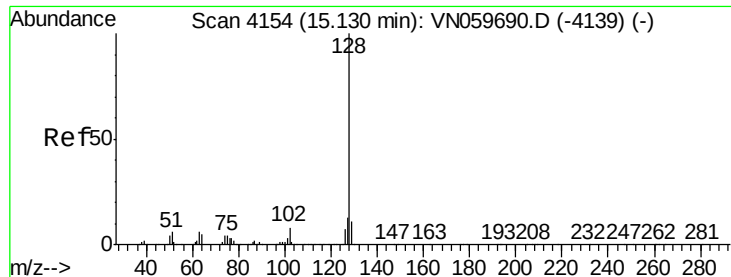
Tgt Ion:180 Resp: 138398
 Ion Ratio Lower Upper
 180 100
 182 96.9 46.9 140.7
 145 30.5 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 52.73 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059862.D
 Acq: 27 Jan 2020 9:48

Tgt Ion:225 Resp: 76404
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.8 95.3
 227 64.2 32.1 96.5

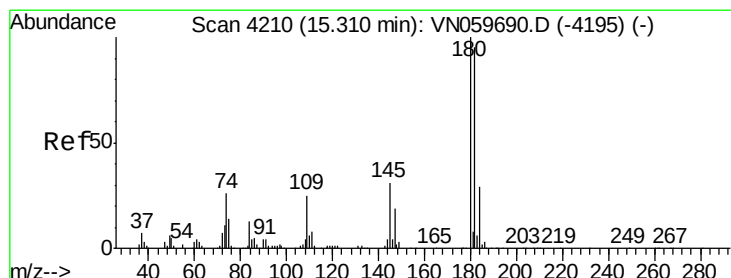
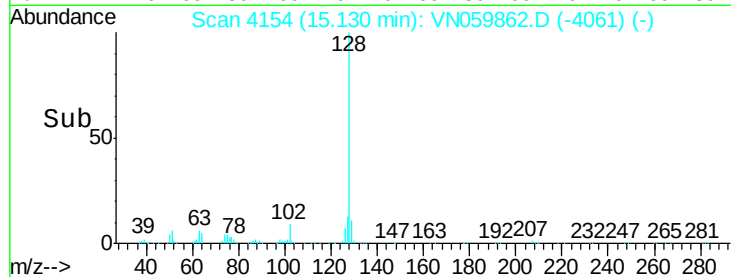
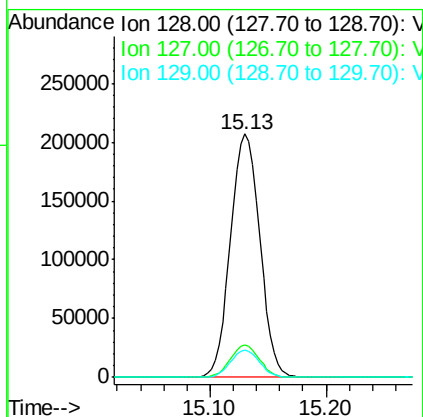
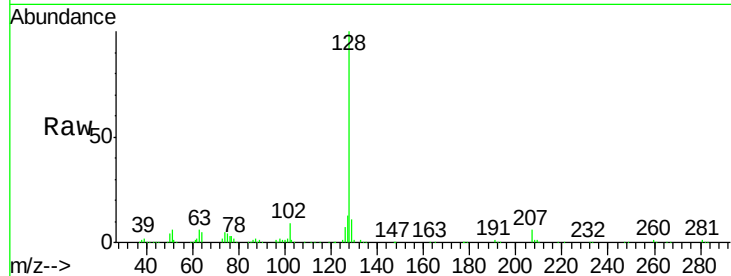




#95
Naphthalene
Concen: 48.67 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:128 Resp: 364044
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.67 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059862.D
Acq: 27 Jan 2020 9:48

Tgt Ion:180 Resp: 132250
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.3
145 31.6 16.3 48.9

