

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020620\
 Data File : VN060006.D
 Acq On : 6 Feb 2020 9:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 06 16:55:34 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	194653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143204	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109559	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.57	113	90205	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.08	98	336926	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.40	95	131286	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	91812	39.90	ug/l	98
3) Chloromethane	2.04	50	91979	41.27	ug/l	100
4) Vinyl Chloride	2.17	62	121298	47.57	ug/l	98
5) Bromomethane	2.53	94	68962	44.32	ug/l	100
6) Chloroethane	2.68	64	56622	46.94	ug/l	97
7) Trichlorofluoromethane	3.00	101	145496	47.51	ug/l	99
8) Diethyl Ether	3.38	74	53321	49.62	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	86243	50.60	ug/l	95
10) Methyl Iodide	3.93	142	111029	40.30	ug/l	96
11) Tert butyl alcohol	4.73	59	84185	231.34	ug/l	99
12) 1,1-Dichloroethene	3.72	96	79496	44.64	ug/l	92
13) Acrolein	3.58	56	51300	199.15	ug/l	98
14) Allyl chloride	4.29	41	118255	49.26	ug/l	# 86
15) Acrylonitrile	4.94	53	216462	260.77	ug/l	99
16) Acetone	3.78	43	257752	353.75	ug/l	99
17) Carbon Disulfide	4.03	76	190018	37.46	ug/l	99
18) Methyl Acetate	4.28	43	133208	52.76	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	300548	51.76	ug/l	94
20) Methylene Chloride	4.52	84	94167	48.10	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	86508	45.70	ug/l	90
22) Diisopropyl ether	5.91	45	286550	52.68	ug/l	95
23) Vinyl Acetate	5.86	43	1097252	260.53	ug/l	96
24) 1,1-Dichloroethane	5.82	63	167803	50.48	ug/l	98
25) 2-Butanone	6.80	43	333076	272.09	ug/l	94
26) 2,2-Dichloropropane	6.80	77	162439	50.83	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	108592	49.87	ug/l	90
28) Bromochloromethane	7.17	49	66108	49.76	ug/l	# 80
29) Tetrahydrofuran	7.18	42	186167	245.80	ug/l	89
30) Chloroform	7.35	83	180582	52.44	ug/l	99
31) Cyclohexane	7.63	56	136758	42.76	ug/l	89
32) 1,1,1-Trichloroethane	7.54	97	161391	50.68	ug/l	97
36) 1,1-Dichloropropene	7.77	75	126819	47.94	ug/l	97
37) Ethyl Acetate	6.90	43	121132	48.82	ug/l	97
38) Carbon Tetrachloride	7.75	117	141956	49.33	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	149788	45.92	ug/l	93
40) Benzene	8.02	78	378058	47.91	ug/l	99
41) Methacrylonitrile	7.18	41	176092	144.08	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	141600	52.93	ug/l	98
43) Isopropyl Acetate	8.14	43	213534	50.03	ug/l	96
44) Trichloroethene	8.82	130	108577	50.41	ug/l	94
45) 1,2-Dichloropropane	9.10	63	99468	50.95	ug/l	99
46) Dibromomethane	9.19	93	70370	51.09	ug/l	93
47) Bromodichloromethane	9.39	83	146602	52.82	ug/l	99
48) Methyl methacrylate	9.18	41	94856	49.69	ug/l	91
49) 1,4-Dioxane	9.18	88	34219	979.12	ug/l	93
51) 4-Methyl-2-Pentanone	9.97	43	631928	256.13	ug/l	96
52) Toluene	10.14	92	248404	49.84	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	167452	54.03	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	171895	52.72	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	101474	51.41	ug/l	98
56) Ethyl methacrylate	10.42	69	152127	50.44	ug/l	94
57) 1,3-Dichloropropane	10.70	76	167991	53.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	243875	268.45	ug/l	93
59) 2-Hexanone	10.74	43	504502	277.56	ug/l	96
60) Dibromochloromethane	10.89	129	121009	53.83	ug/l	100
61) 1,2-Dibromoethane	11.00	107	106600	51.53	ug/l	99
64) Tetrachloroethene	10.62	164	105736	46.09	ug/l	96
65) Chlorobenzene	11.43	112	275721	49.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	110110	51.51	ug/l	98
67) Ethyl Benzene	11.50	91	499461	49.73	ug/l	98
68) m/p-Xylenes	11.62	106	377301	99.45	ug/l	95
69) o-Xylene	11.94	106	183265	49.34	ug/l	97
70) Styrene	11.96	104	312006	50.20	ug/l	97
71) Bromoform	12.12	173	91860	53.64	ug/l #	98
73) Isopropylbenzene	12.25	105	503024	47.90	ug/l	100
74) N-amyl acetate	12.07	43	193957	47.59	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	148258	48.69	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	199685	82.86	ug/l #	100
77) Bromobenzene	12.52	156	127823	48.06	ug/l	85
78) n-propylbenzene	12.59	91	577929	49.03	ug/l	98
79) 2-Chlorotoluene	12.67	91	341064	48.64	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	425909	48.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56347	50.21	ug/l	96
82) 4-Chlorotoluene	12.77	91	352340	50.09	ug/l	97
83) tert-Butylbenzene	12.99	119	372460	48.76	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	425217	48.66	ug/l	99
85) sec-Butylbenzene	13.17	105	492938	49.11	ug/l	99
86) p-Isopropyltoluene	13.29	119	454592	48.95	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	233086	50.45	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	231276	50.18	ug/l	97
89) n-Butylbenzene	13.61	91	406404	51.32	ug/l	99
90) Hexachloroethane	13.87	117	84184	48.45	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	225428	49.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32019	48.95	ug/l	86

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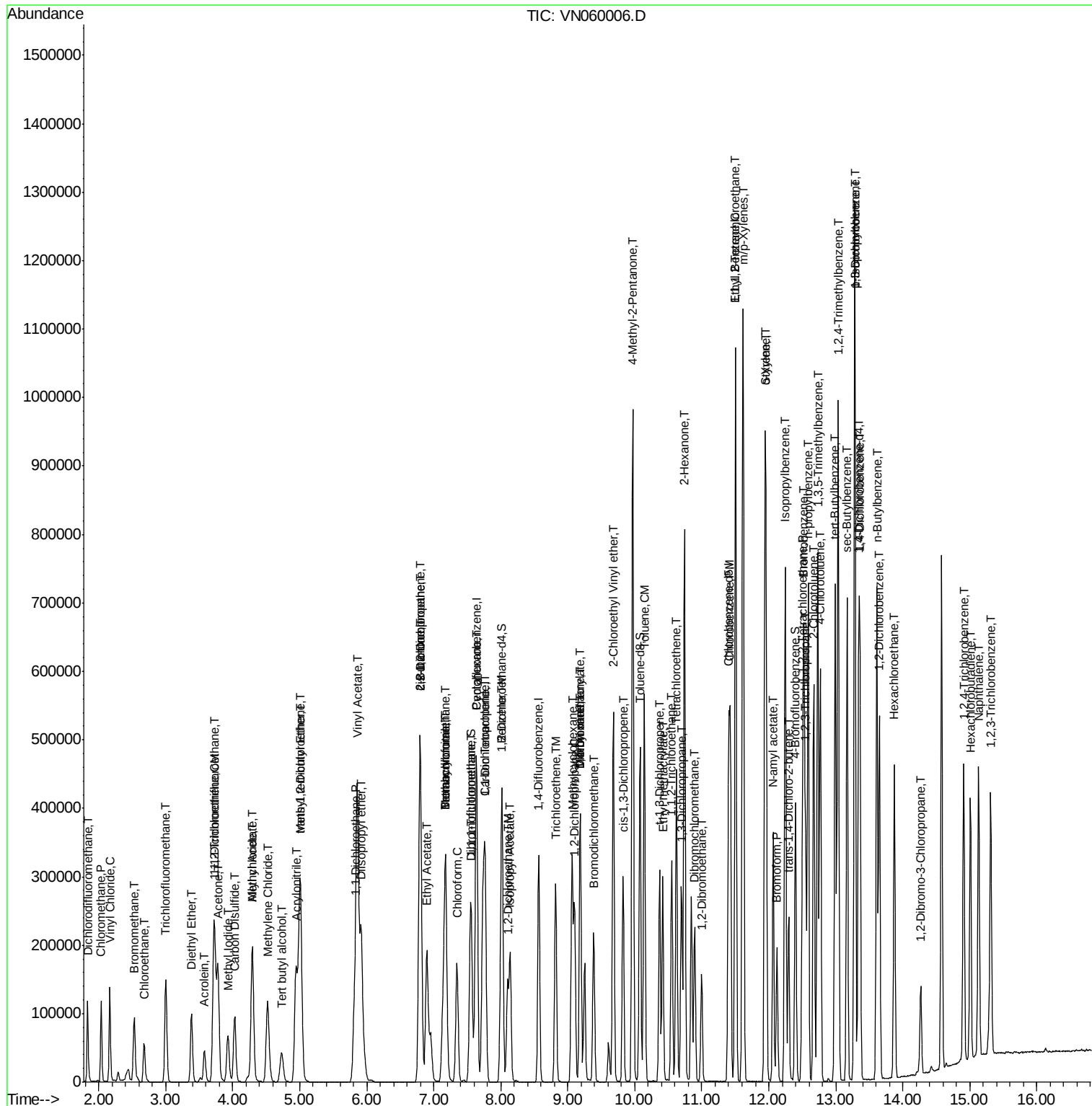
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	140986	51.37	ug/l	99
94) Hexachlorobutadiene	15.01	225	74871	49.51	ug/l	100
95) Naphthalene	15.13	128	370680	47.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	132236	49.50	ug/l	99

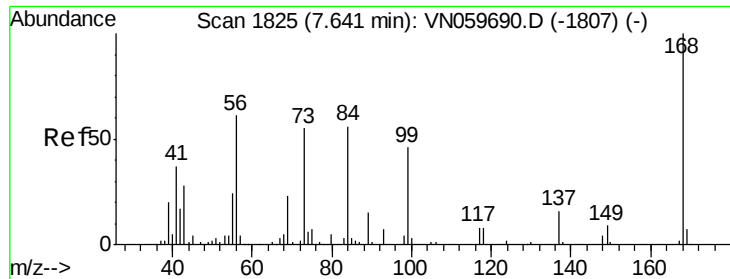
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN020620\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

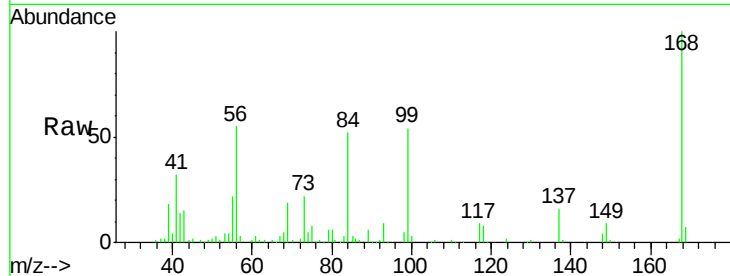
VSTDCCC050

Tgt Ion:168 Resp: 194653

Ion Ratio Lower Upper

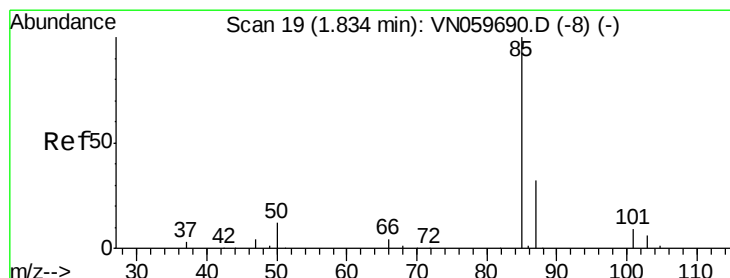
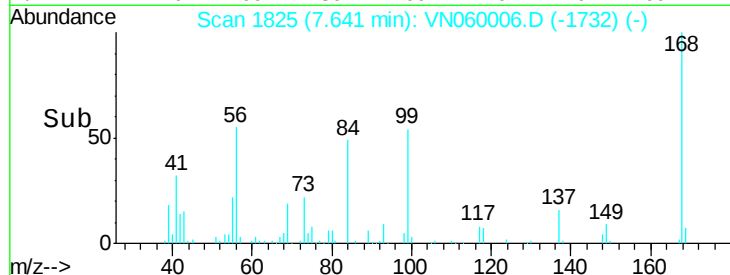
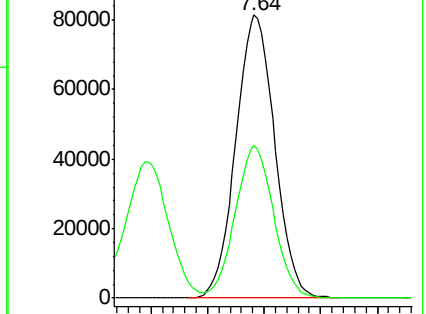
168 100

99 53.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 39.90 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060006.D

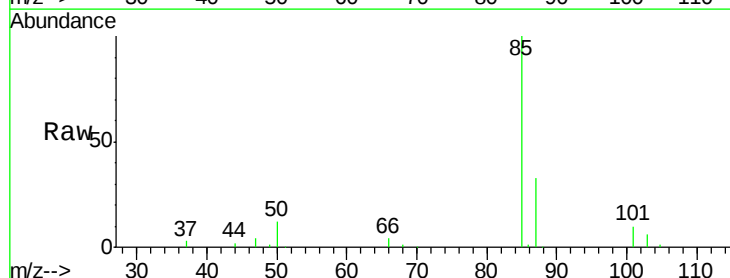
Acq: 6 Feb 2020 9:51

Tgt Ion: 85 Resp: 91812

Ion Ratio Lower Upper

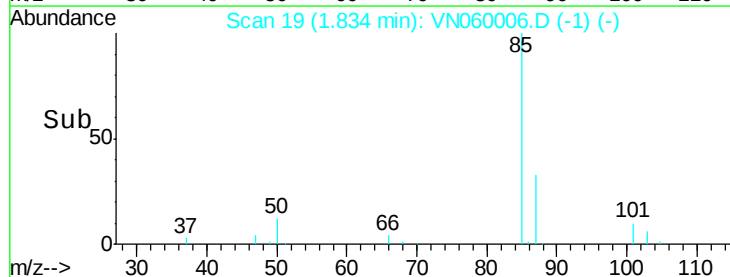
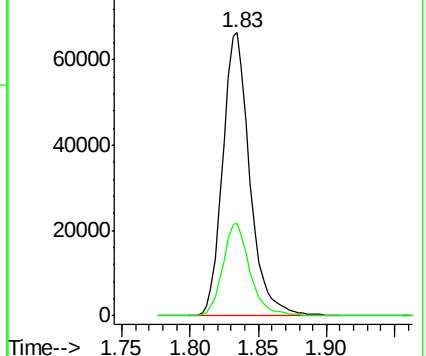
85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.27 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

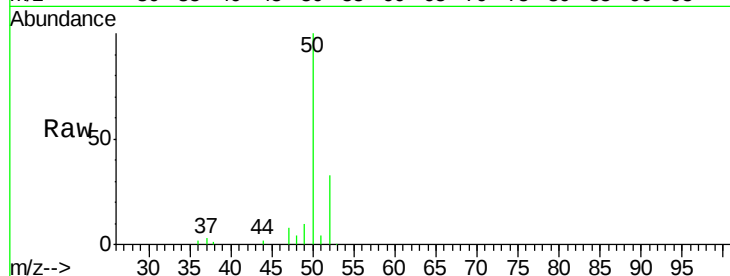
VSTDCCC050

Tgt Ion: 50 Resp: 91979

Ion Ratio Lower Upper

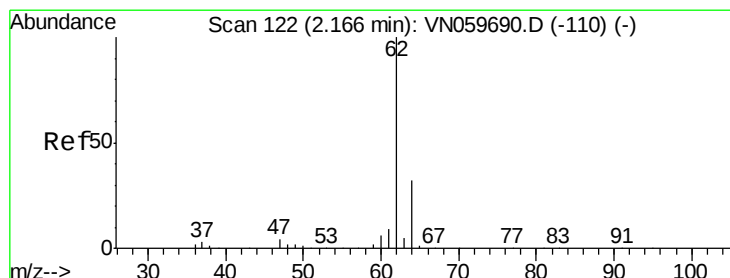
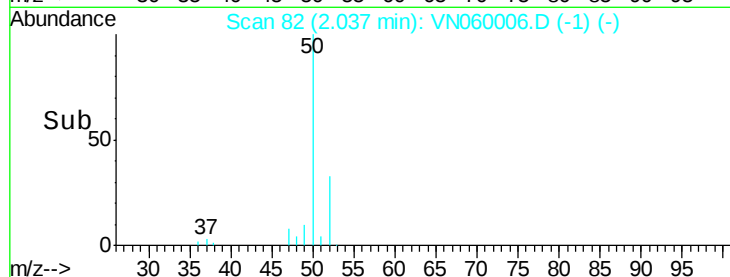
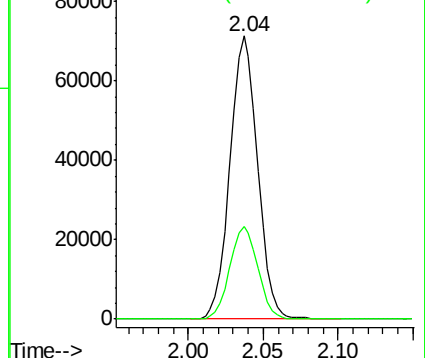
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.57 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060006.D

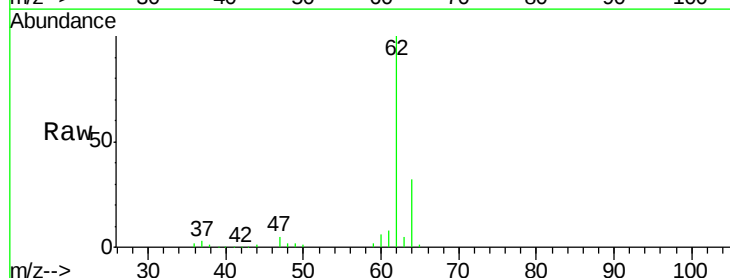
Acq: 6 Feb 2020 9:51

Tgt Ion: 62 Resp: 121298

Ion Ratio Lower Upper

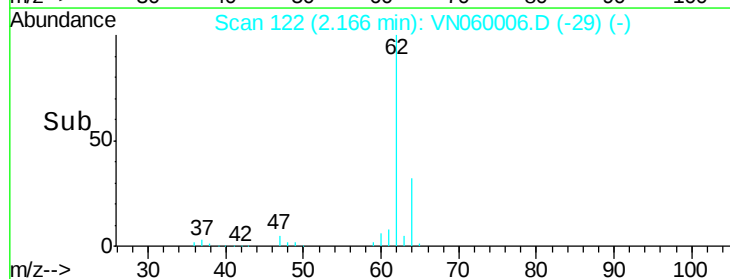
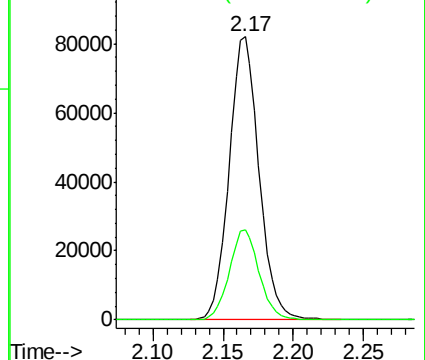
62 100

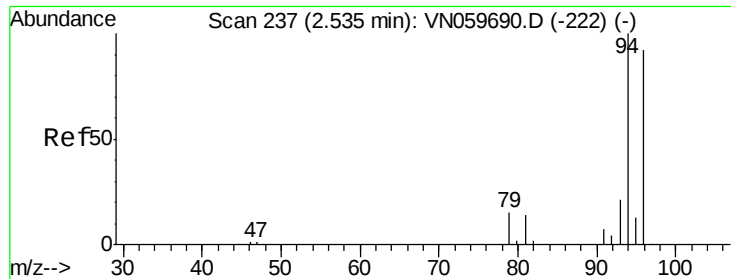
64 32.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

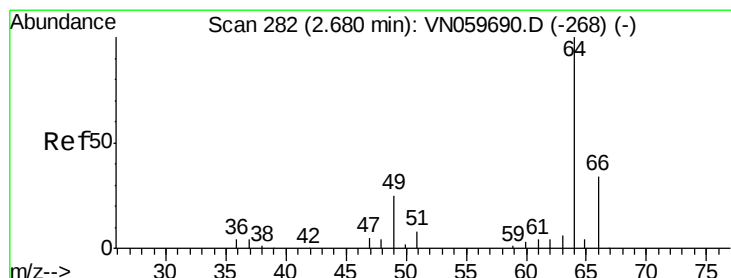
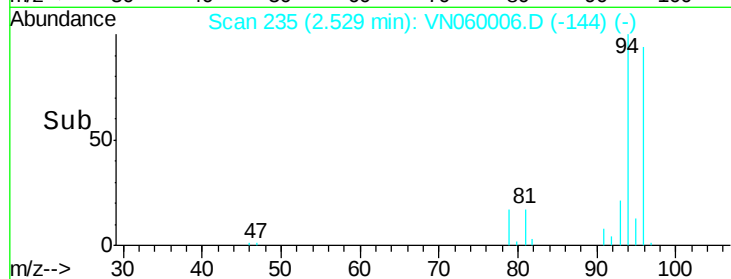
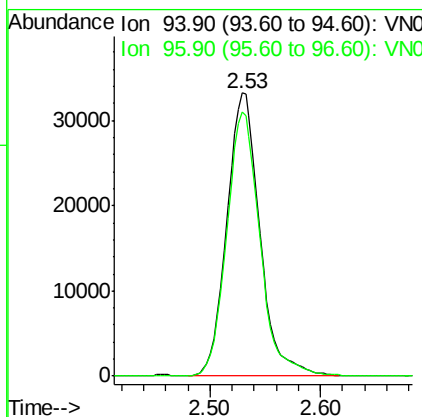
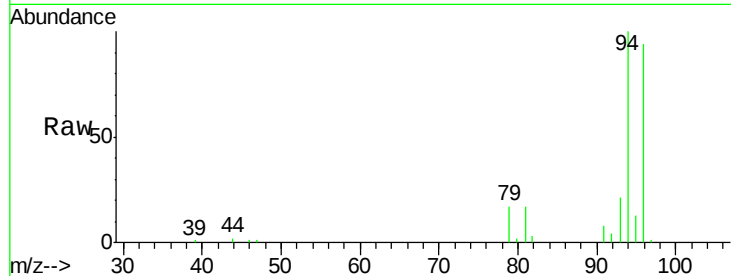




#5
Bromomethane
Concen: 44.32 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

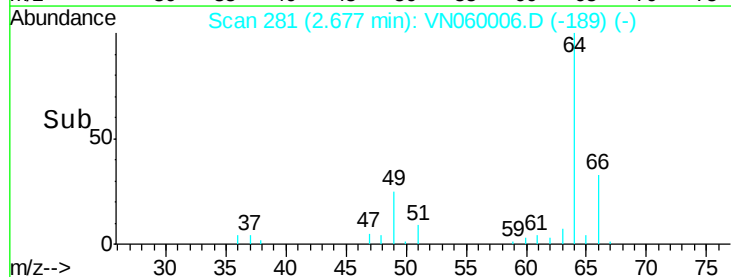
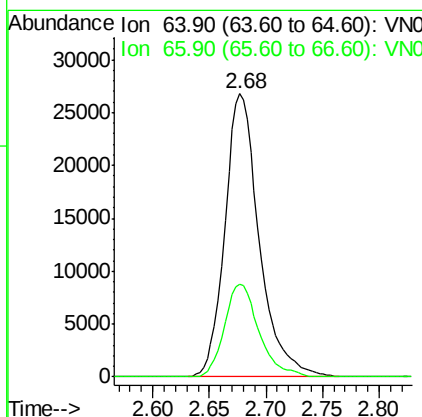
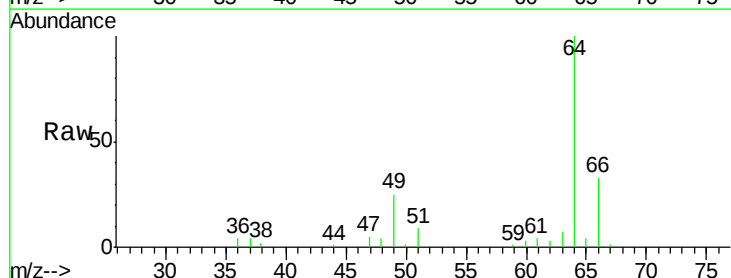
Instrument :
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Tgt Ion: 94 Resp: 68962
Ion Ratio Lower Upper
94 100
96 93.5 74.7 112.1



#6
Chloroethane
Concen: 46.94 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 64 Resp: 56622
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7



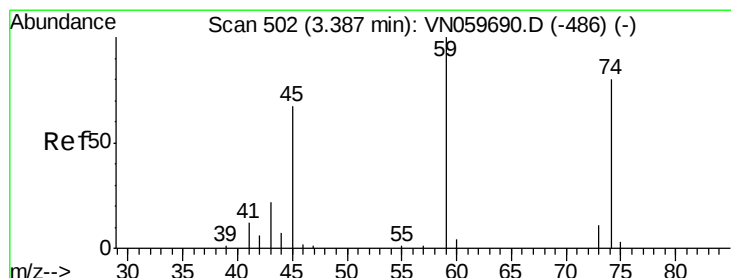
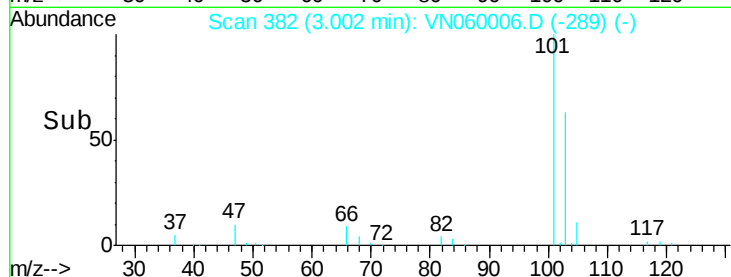
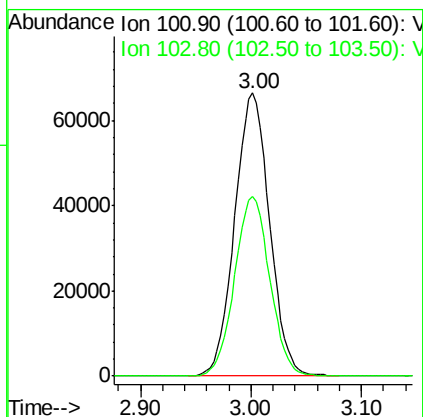
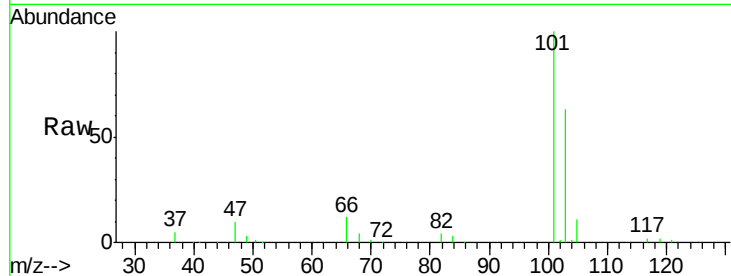


#7

Trichlorofluoromethane
 Concen: 47.51 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

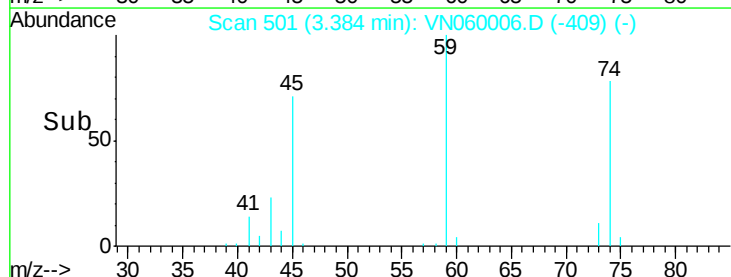
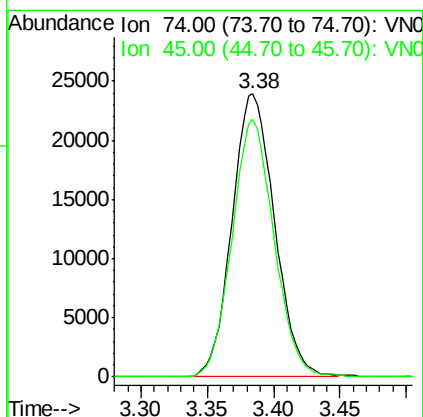
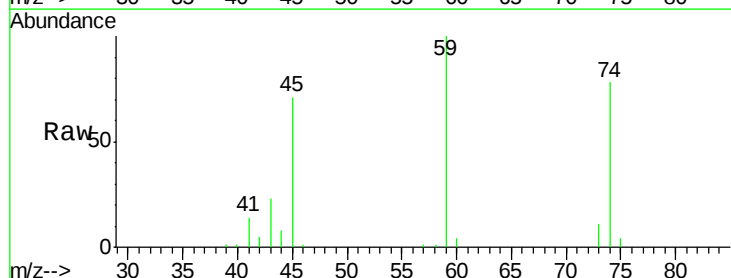
Tgt Ion:101 Resp: 145496
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.6

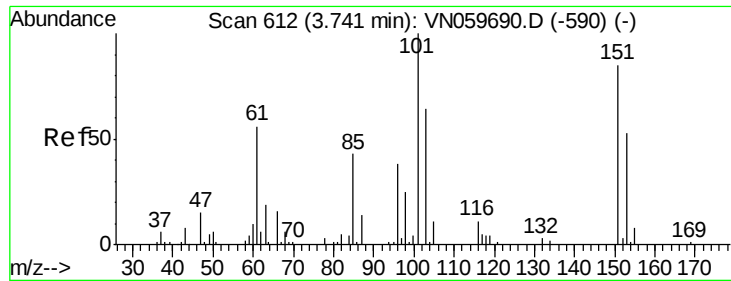


#8

Diethyl Ether
 Concen: 49.62 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060006.D
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Tgt Ion: 74 Resp: 53321
 Ion Ratio Lower Upper
 74 100
 45 89.7 51.9 155.8

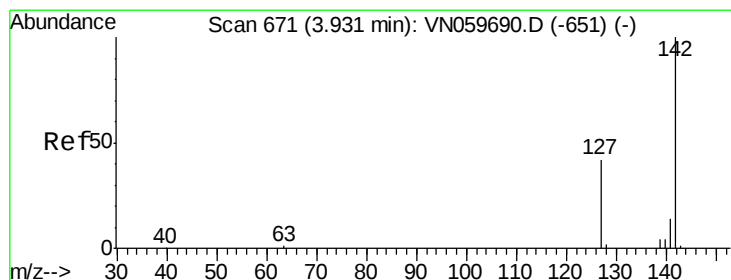
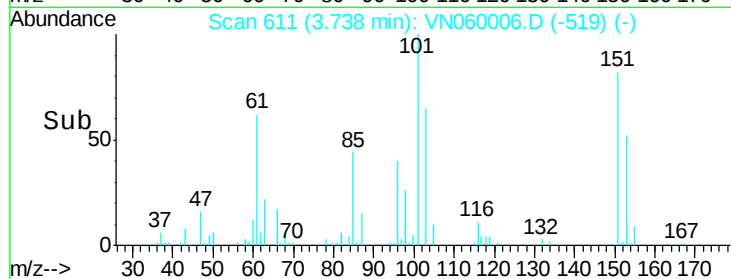
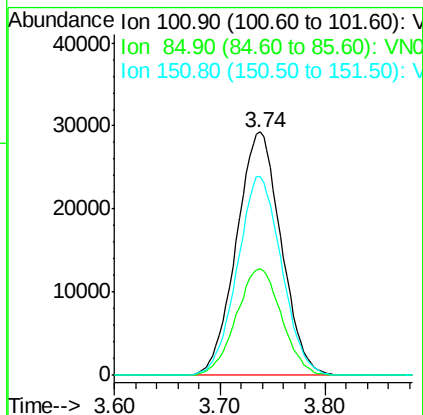
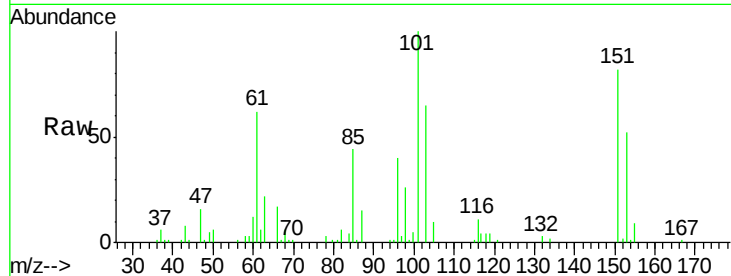




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.60 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

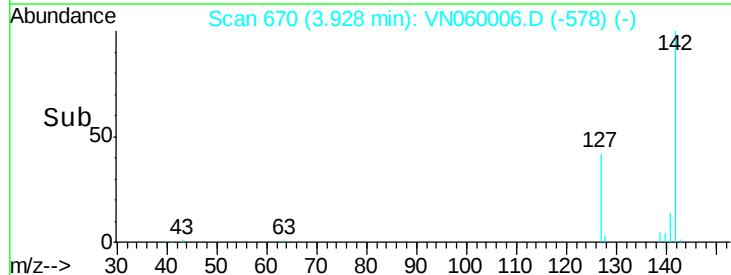
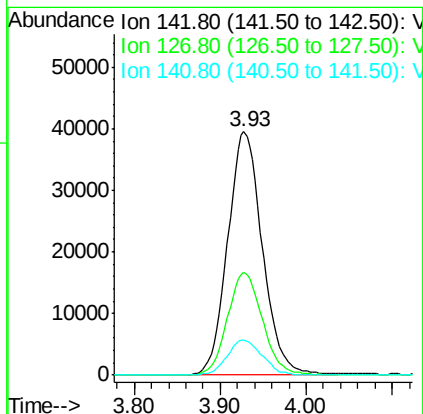
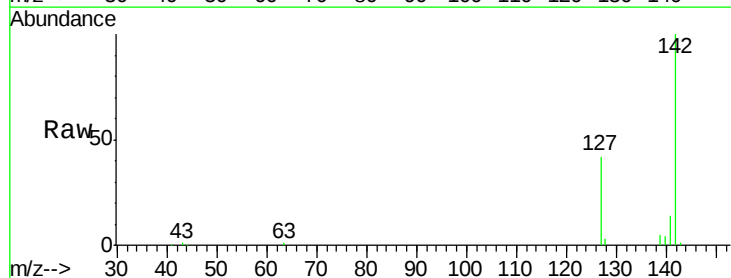
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

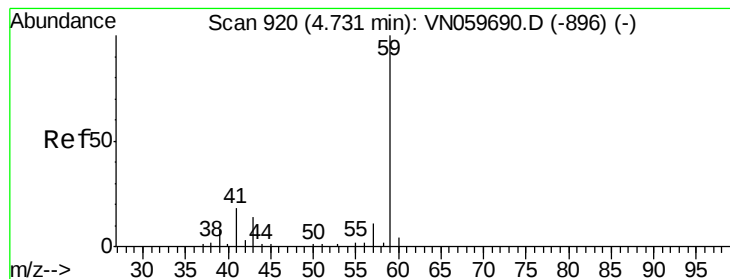
Tgt Ion:101 Resp: 86243
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.6 54.8
 151 80.9 59.7 89.5



#10
 Methyl Iodide
 Concen: 40.30 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion:142 Resp: 111029
 Ion Ratio Lower Upper
 142 100
 127 42.4 36.7 55.1
 141 14.5 11.7 17.5



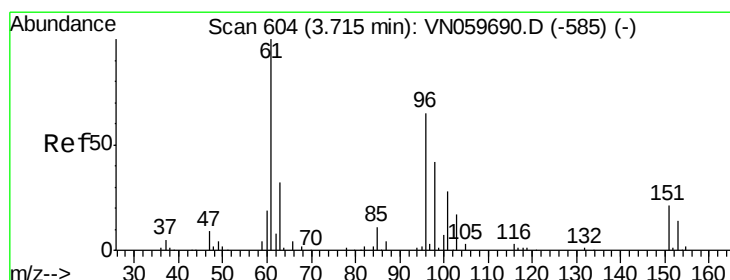
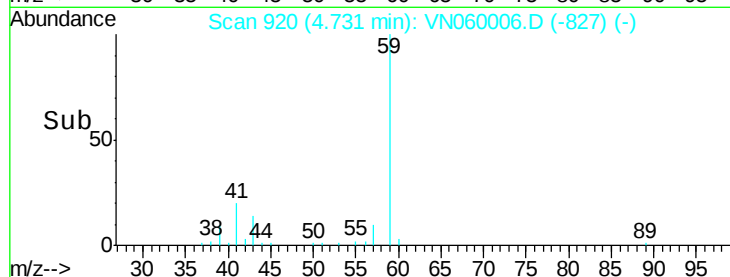
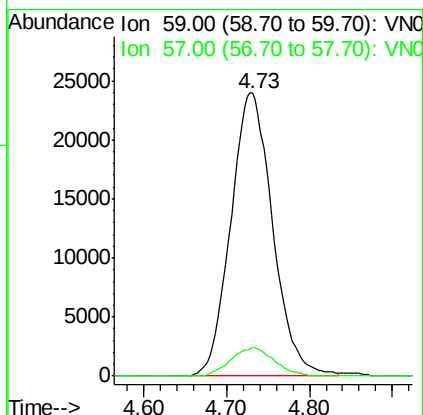
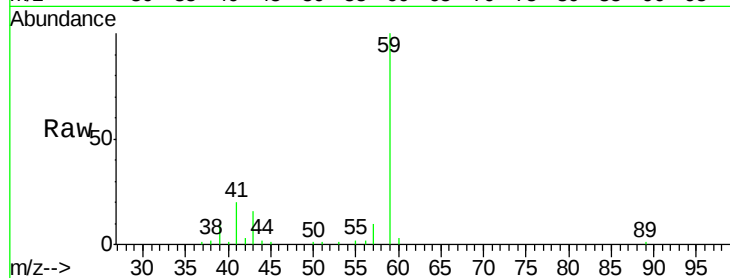


#11

Tert butyl alcohol
 Concen: 231.34 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

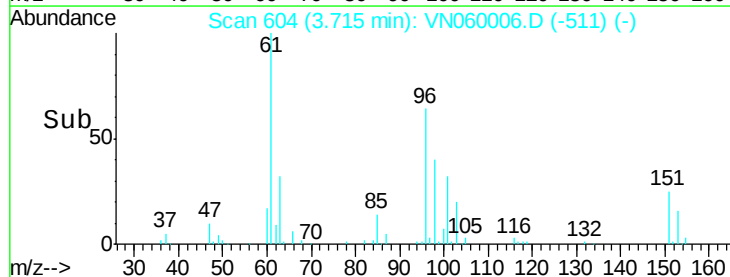
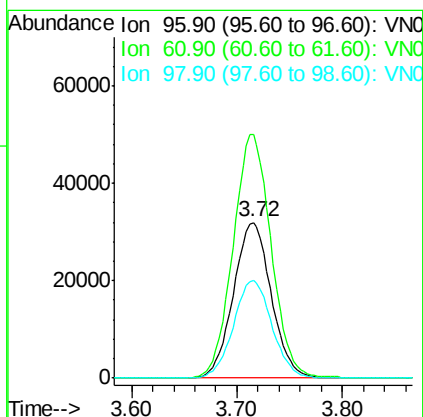
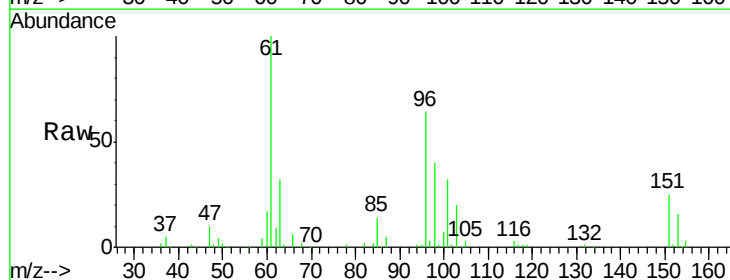
Tgt Ion: 59 Resp: 84185
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

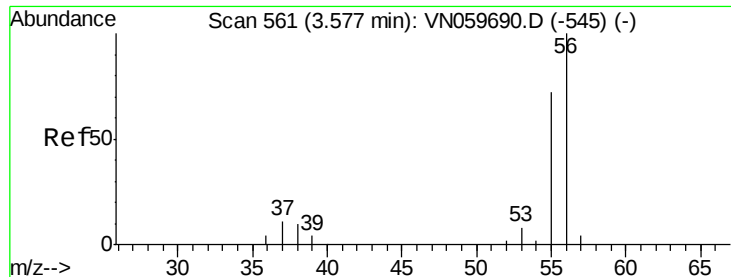


#12

1,1-Dichloroethene
 Concen: 44.64 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion: 96 Resp: 79496
 Ion Ratio Lower Upper
 96 100
 61 156.4 137.5 206.3
 98 62.6 50.2 75.4





#13

Acrolein

Concen: 199.15 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

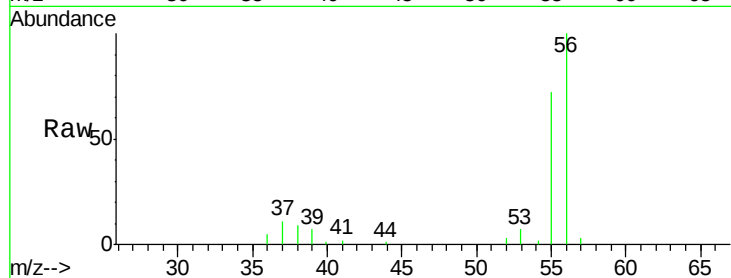
VSTDCCC050

Tgt Ion: 56 Resp: 51300

Ion Ratio Lower Upper

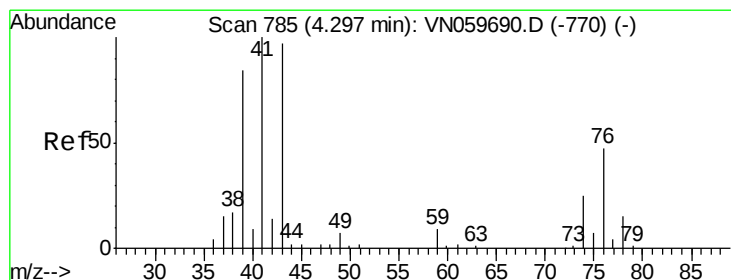
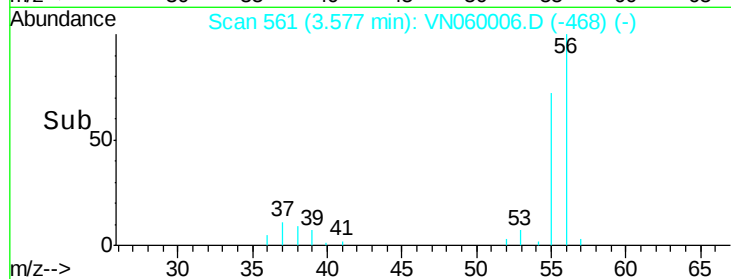
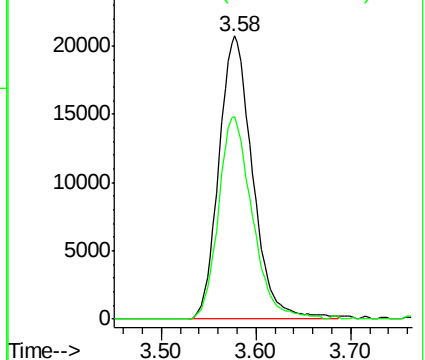
56 100

55 71.5 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.26 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

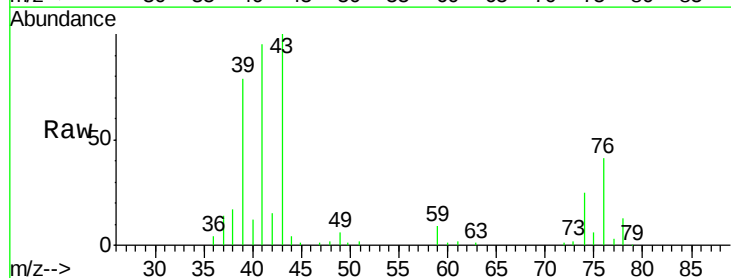
Tgt Ion: 41 Resp: 118255

Ion Ratio Lower Upper

41 100

39 82.6 57.8 86.8

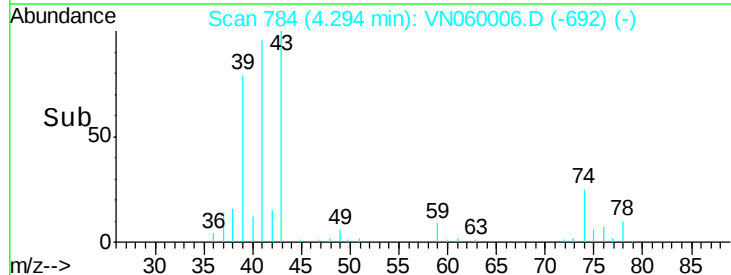
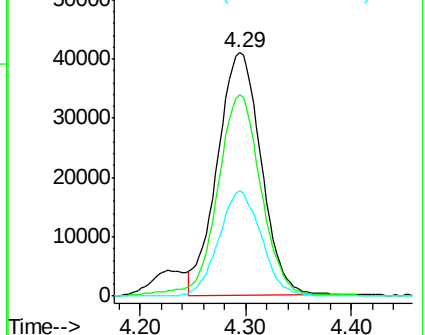
76 42.0 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 260.77 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

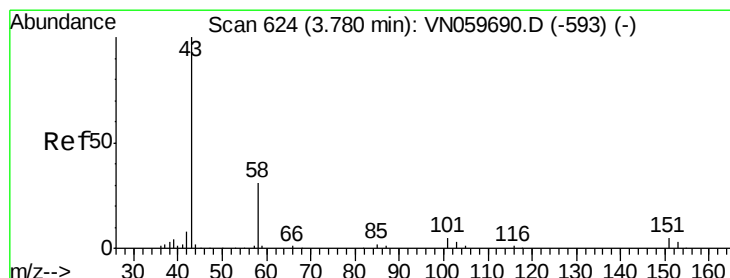
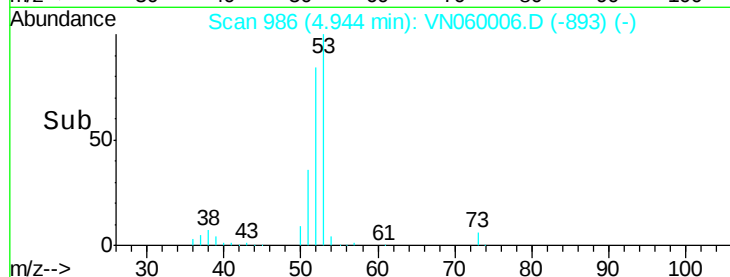
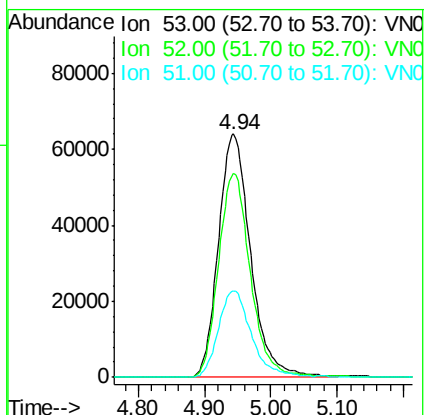
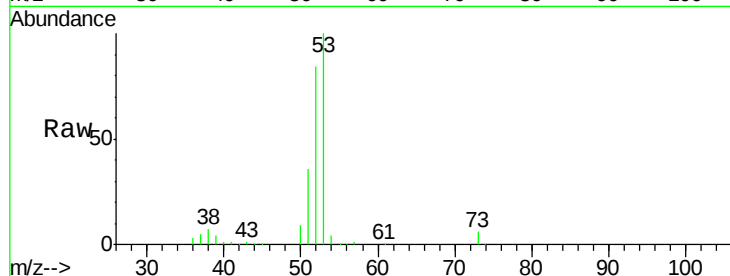
Tgt Ion: 53 Resp: 216462

Ion Ratio Lower Upper

53 100

52 82.5 66.3 99.5

51 36.5 29.7 44.5



#16

Acetone

Concen: 353.75 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060006.D

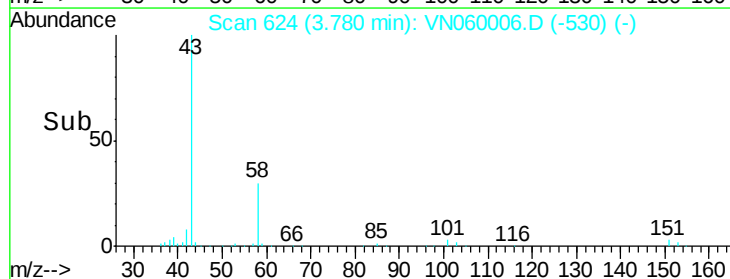
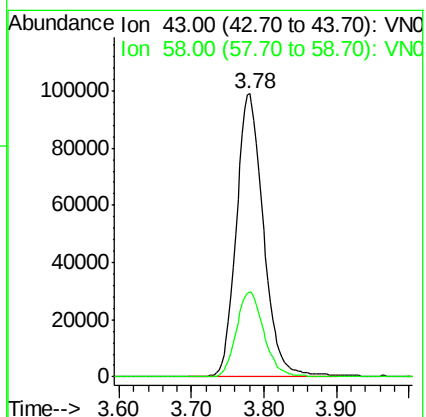
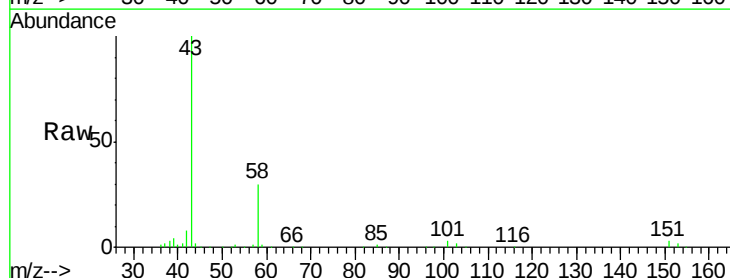
Acq: 6 Feb 2020 9:51

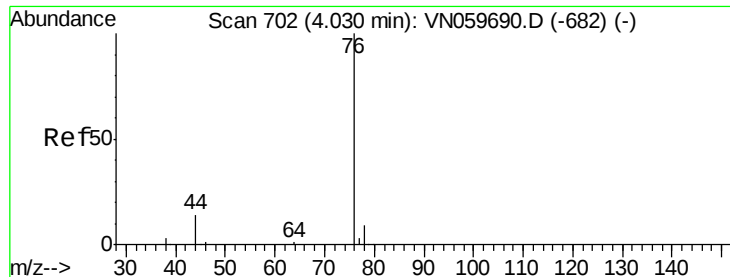
Tgt Ion: 43 Resp: 257752

Ion Ratio Lower Upper

43 100

58 30.2 23.6 35.4

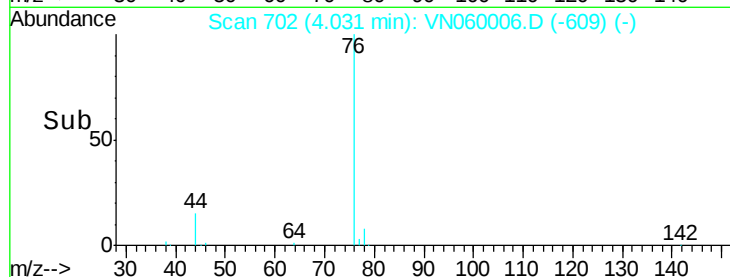
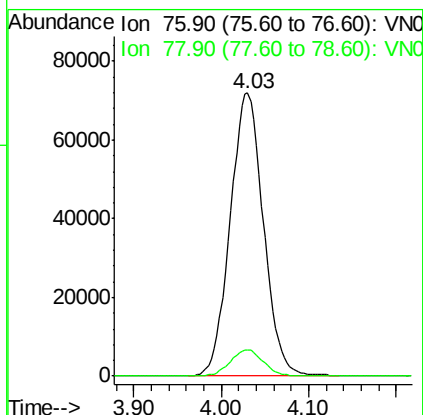
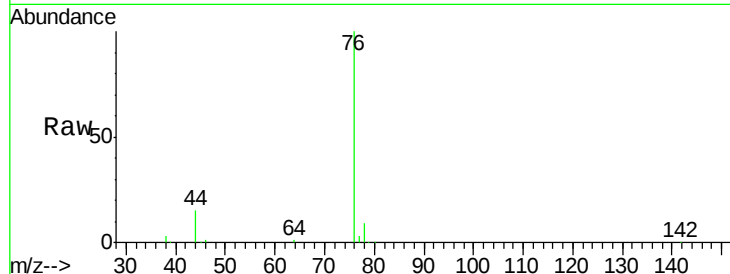




#17
Carbon Disulfide
Concen: 37.46 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

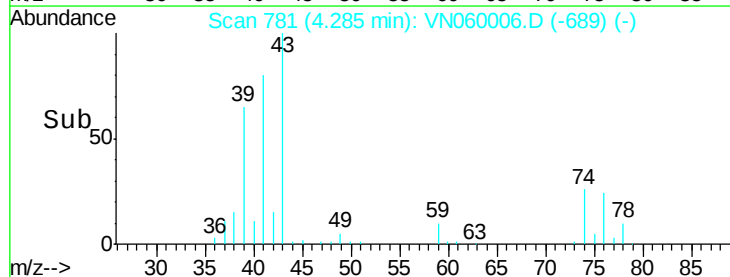
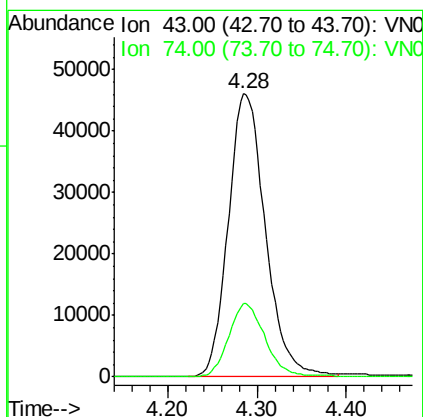
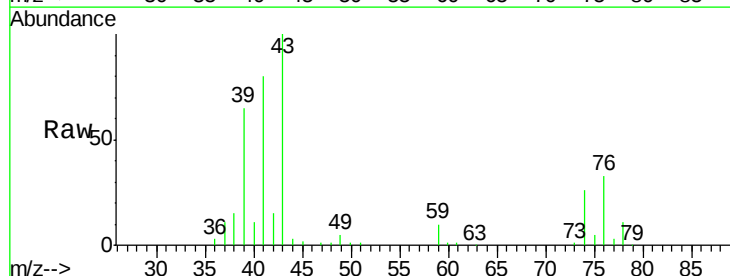
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

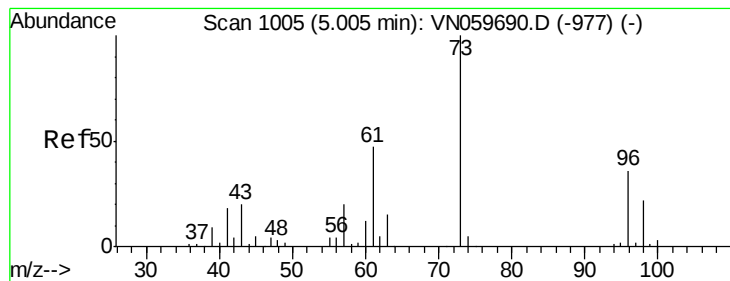
Tgt Ion: 76 Resp: 190018
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 52.76 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 43 Resp: 133208
Ion Ratio Lower Upper
43 100
74 25.2 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 51.76 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

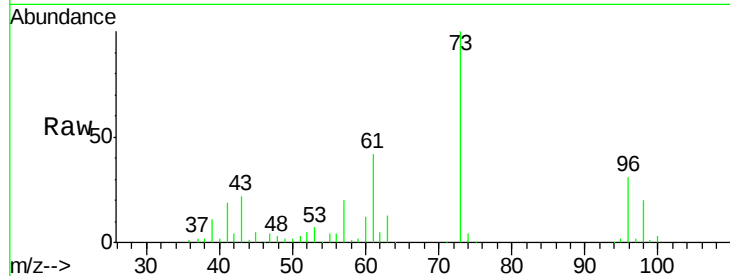
VSTDCCC050

Tgt Ion: 73 Resp: 300548

Ion Ratio Lower Upper

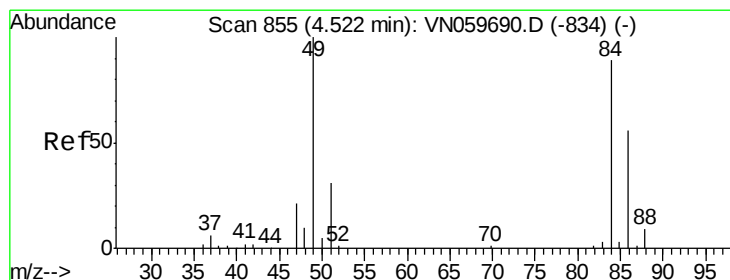
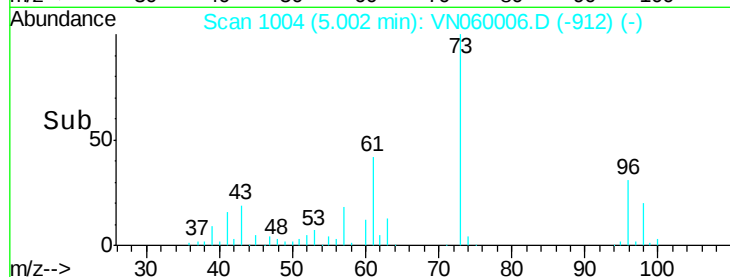
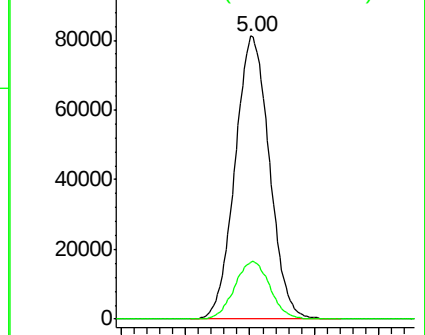
73 100

57 20.3 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 48.10 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion: 84 Resp: 94167

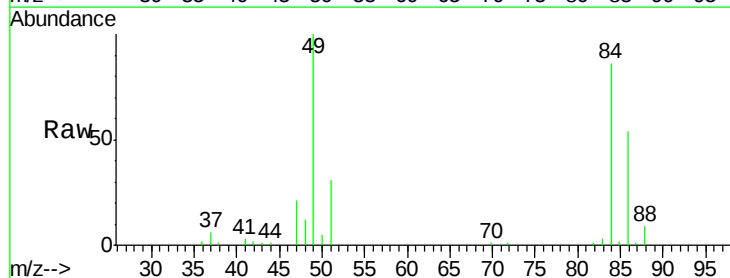
Ion Ratio Lower Upper

84 100

49 115.9 106.6 160.0

51 35.9 31.9 47.9

86 62.3 50.8 76.2

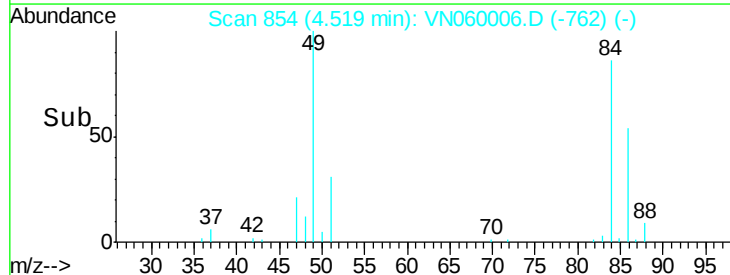
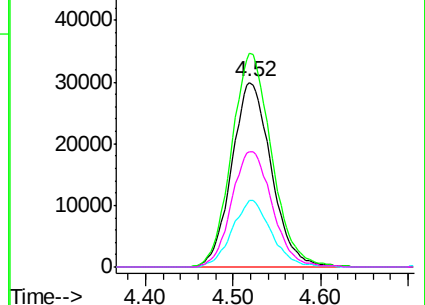


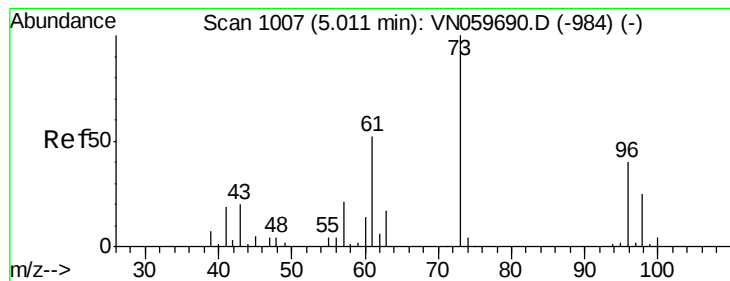
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 45.70 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

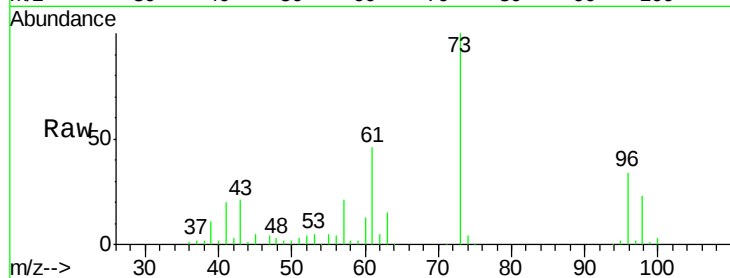
Tgt Ion: 96 Resp: 86508

Ion Ratio Lower Upper

96 100

61 133.5 120.4 180.6

98 65.3 50.6 75.8

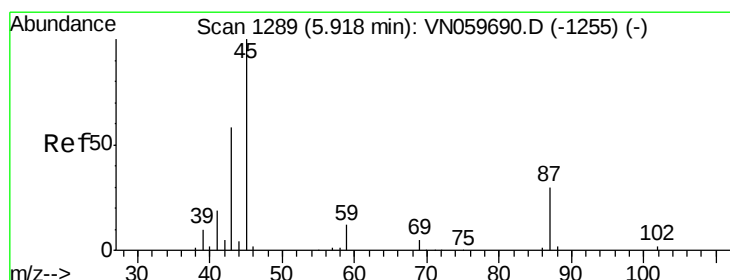
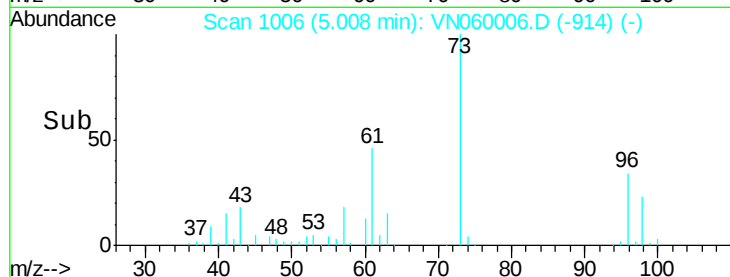
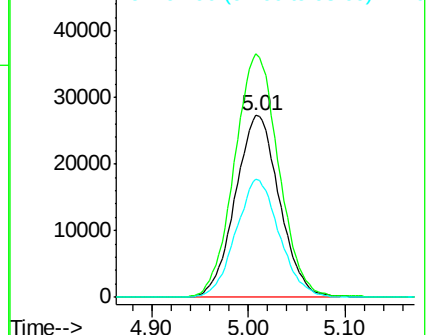


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.68 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion: 45 Resp: 286550

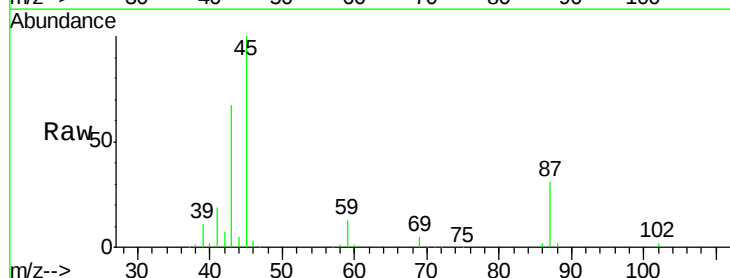
Ion Ratio Lower Upper

45 100

43 65.9 50.8 76.2

87 30.9 21.0 31.6

59 12.3 9.1 13.7



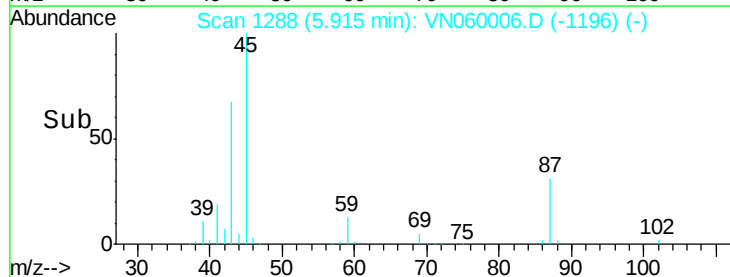
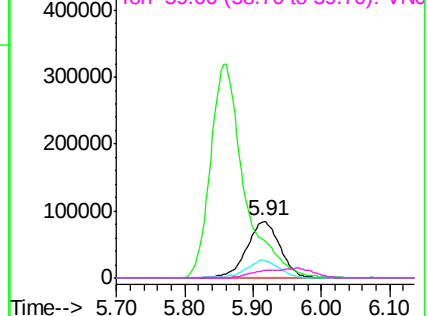
Abundance

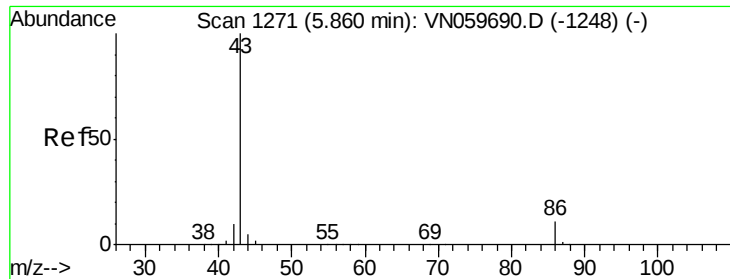
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 260.53 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

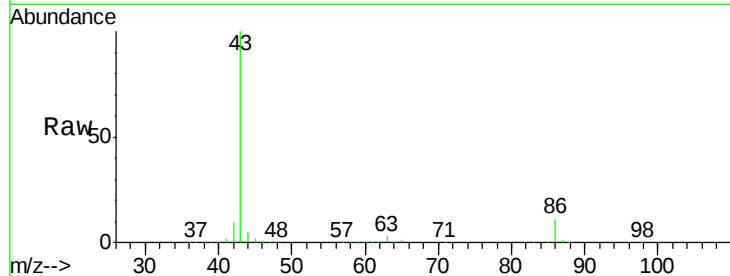
VSTDCCC050

Tgt Ion: 43 Resp: 1097252

Ion Ratio Lower Upper

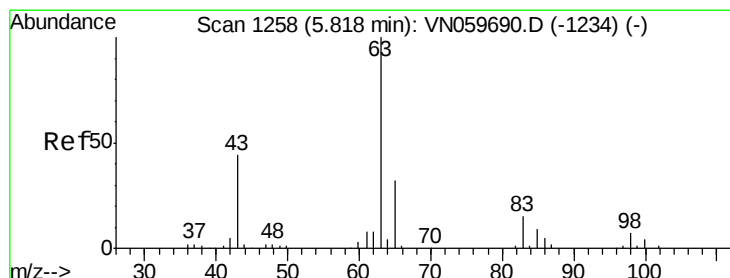
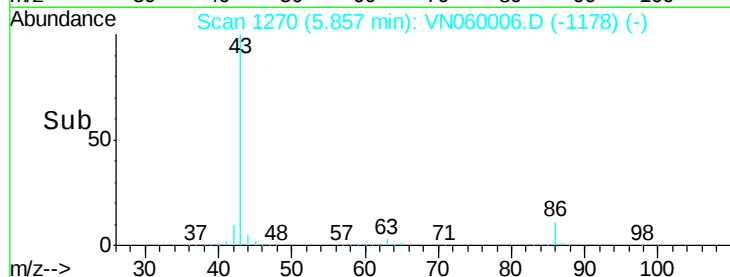
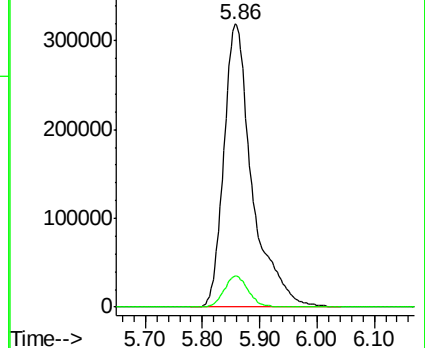
43 100

86 10.9 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: 50.48 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

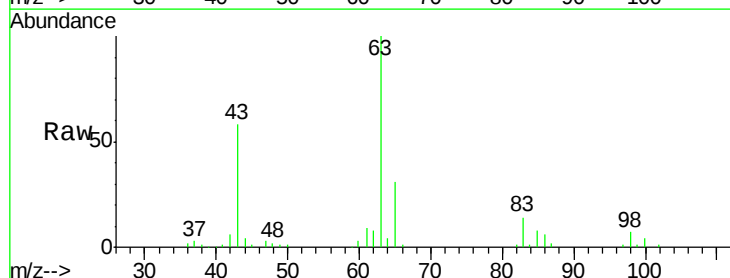
Tgt Ion: 63 Resp: 167803

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.7

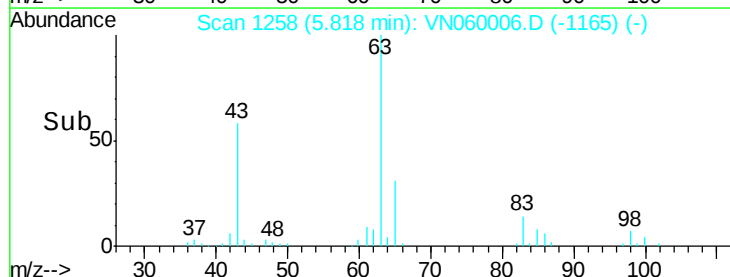
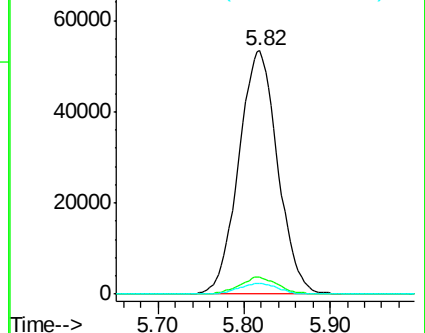
100 4.4 2.0 6.0

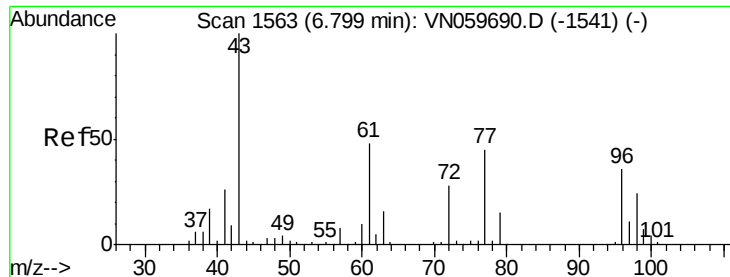


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 272.09 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

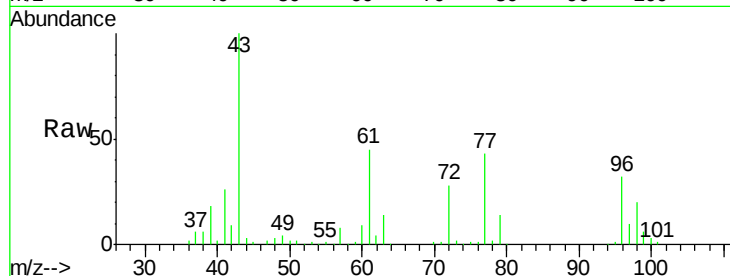
VSTDCCC050

Tgt Ion: 43 Resp: 333076

Ion Ratio Lower Upper

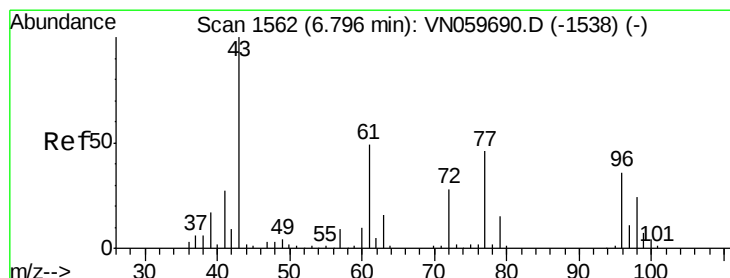
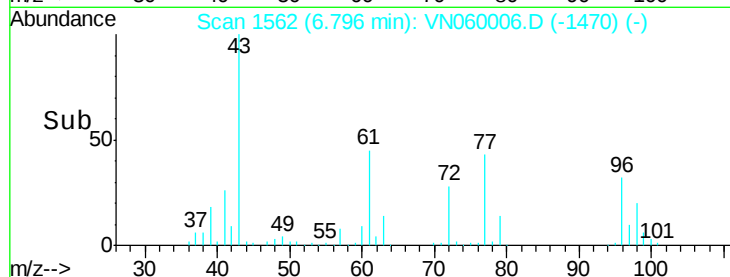
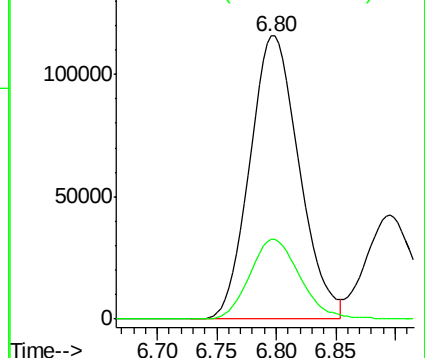
43 100

72 28.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 50.83 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060006.D

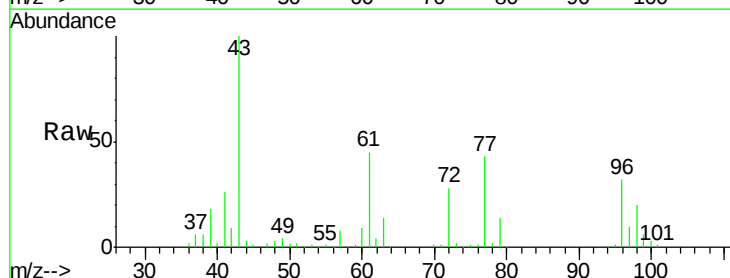
Acq: 6 Feb 2020 9:51

Tgt Ion: 77 Resp: 162439

Ion Ratio Lower Upper

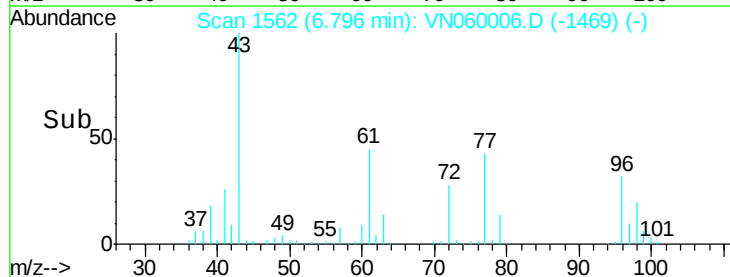
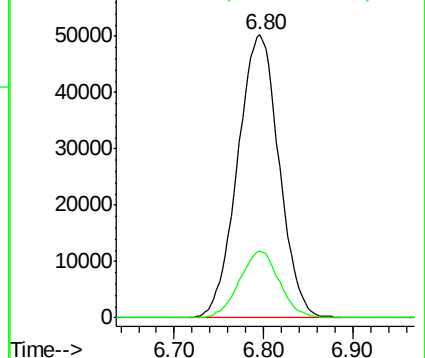
77 100

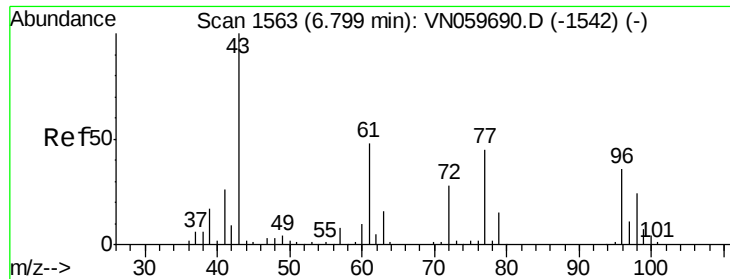
97 22.8 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

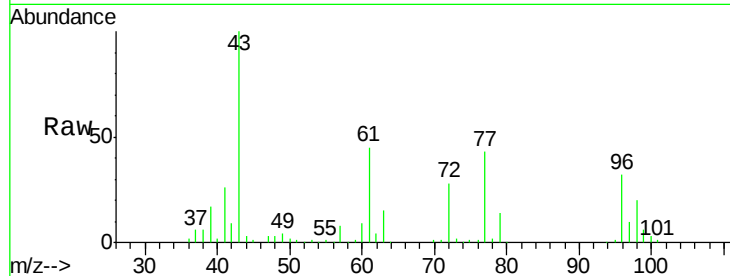




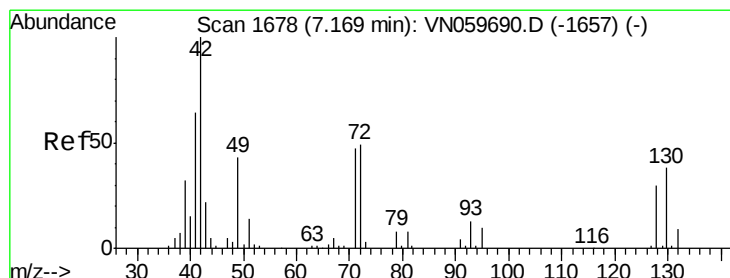
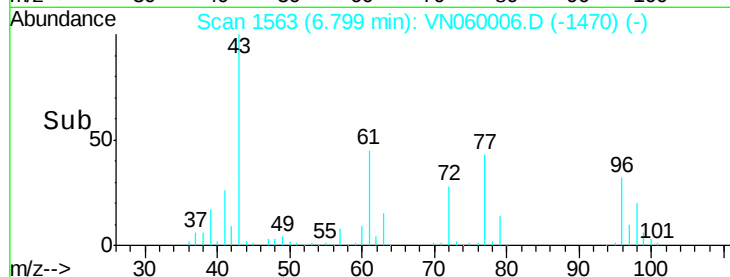
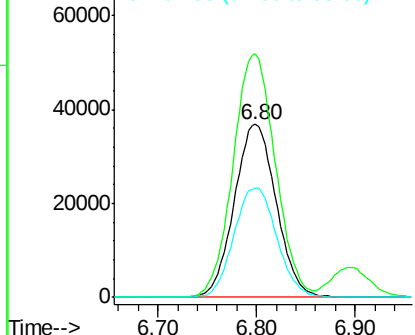
#27
 cis-1,2-Dichloroethene
 Concen: 49.87 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 108592
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 317.6
 98 64.7 0.0 127.0

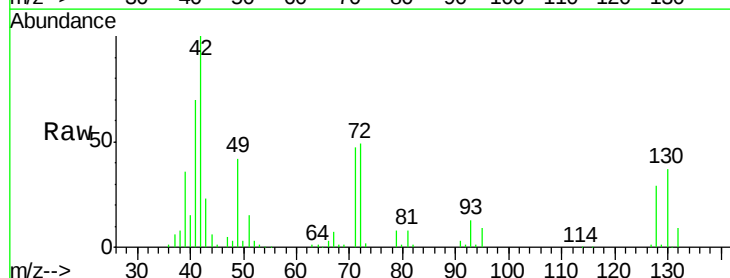


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

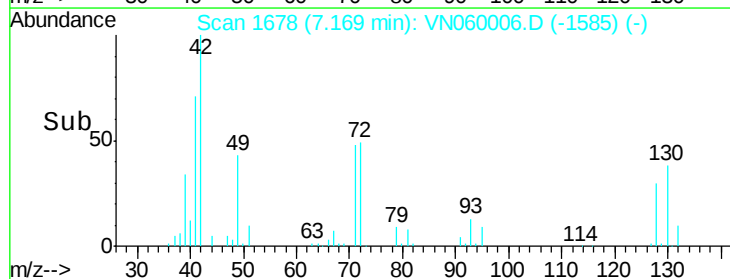
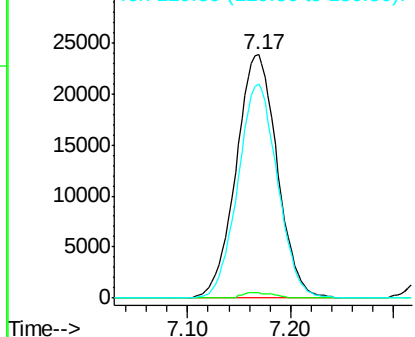


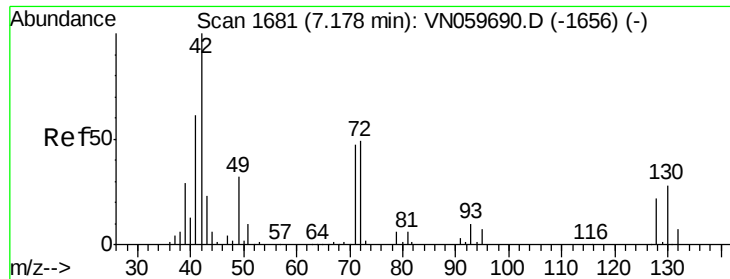
#28
 Bromochloromethane
 Concen: 49.76 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion: 49 Resp: 66108
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 84.8 54.7 82.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

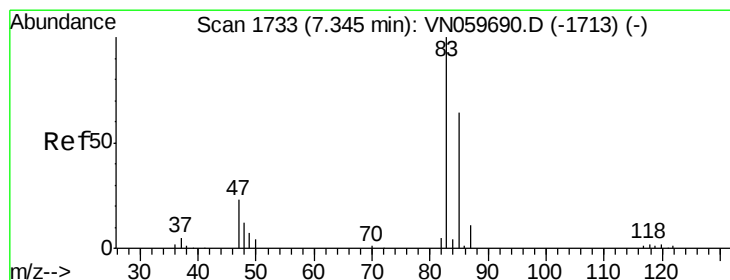
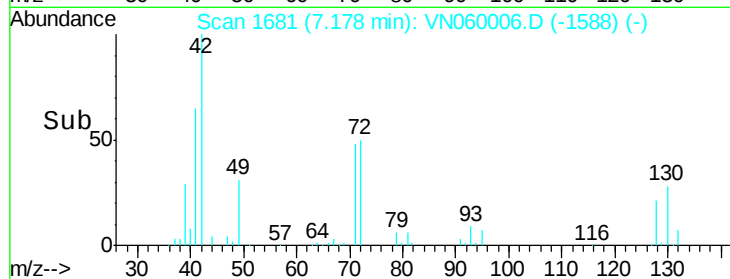
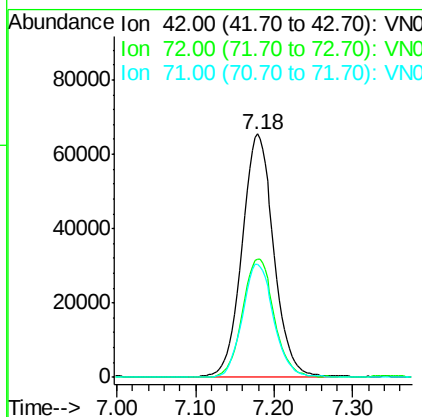
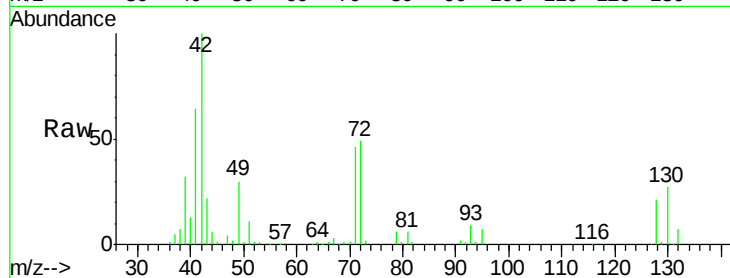




#29
Tetrahydrofuran
Concen: 245.80 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

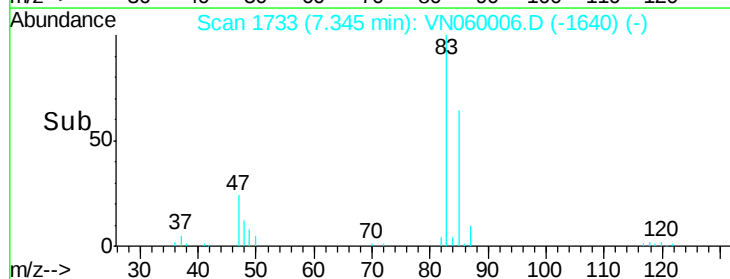
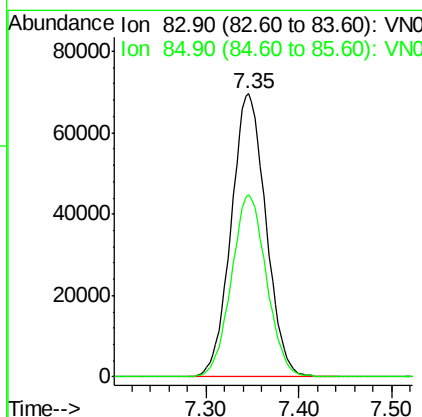
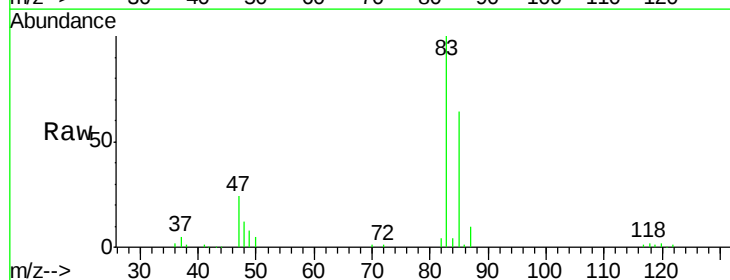
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

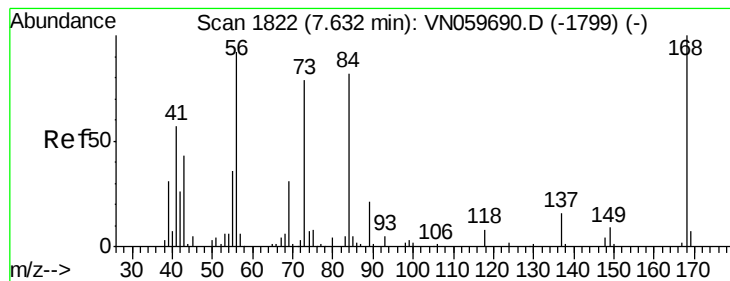
Tgt Ion: 42 Resp: 186167
Ion Ratio Lower Upper
42 100
72 48.3 33.1 49.7
71 45.8 31.4 47.0



#30
Chloroform
Concen: 52.44 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 83 Resp: 180582
Ion Ratio Lower Upper
83 100
85 64.3 52.4 78.6





#31

Cyclohexane

Concen: 42.76 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

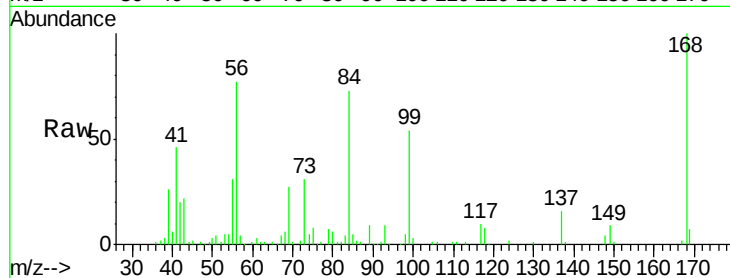
Tgt Ion: 56 Resp: 136758

Ion Ratio Lower Upper

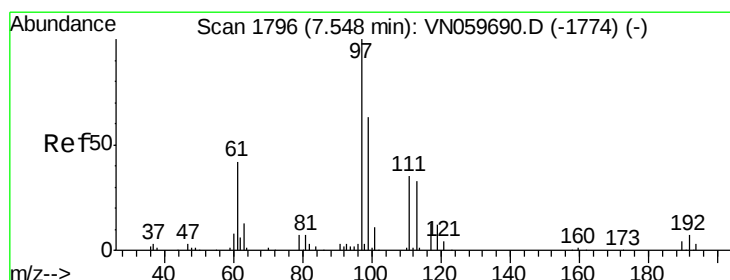
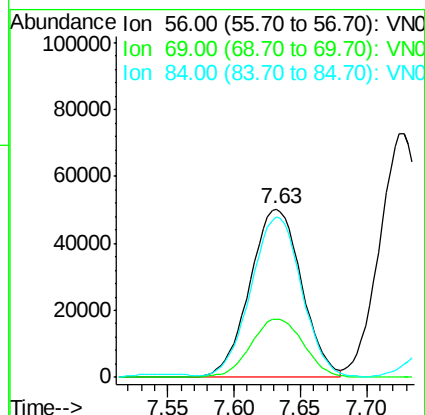
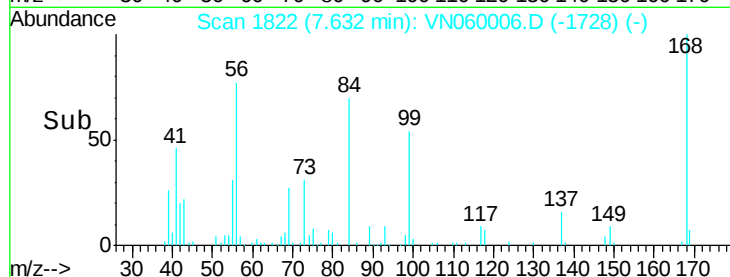
56 100

69 34.8 26.5 39.7

84 93.8 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.68 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

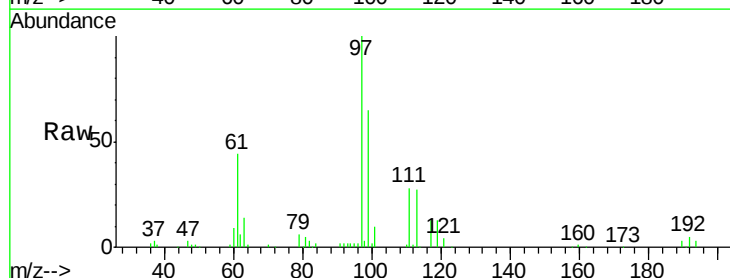
Tgt Ion: 97 Resp: 161391

Ion Ratio Lower Upper

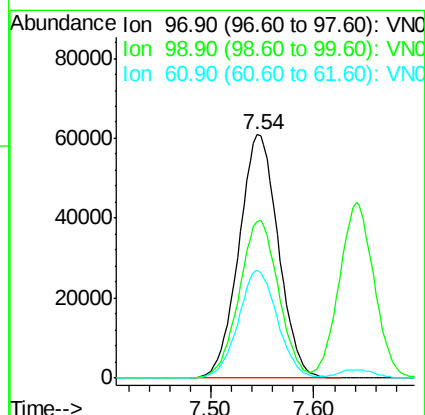
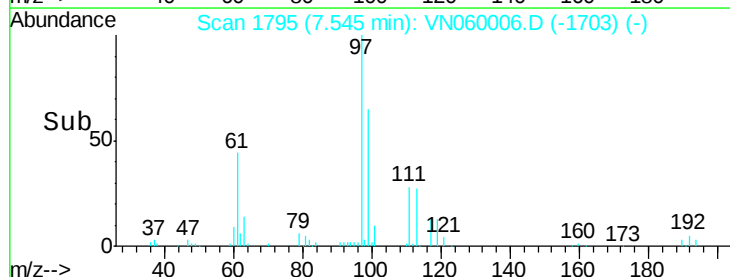
97 100

99 64.8 51.0 76.4

61 43.9 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.68 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

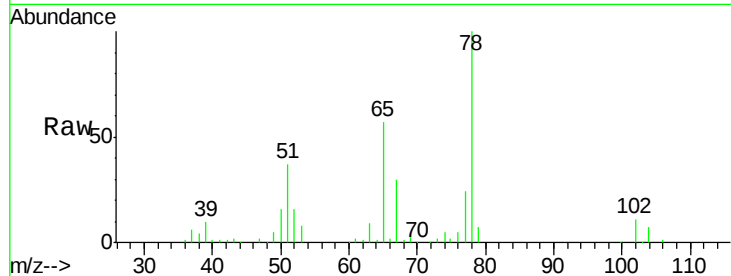
VSTDCCC050

Tgt Ion: 65 Resp: 109559

Ion Ratio Lower Upper

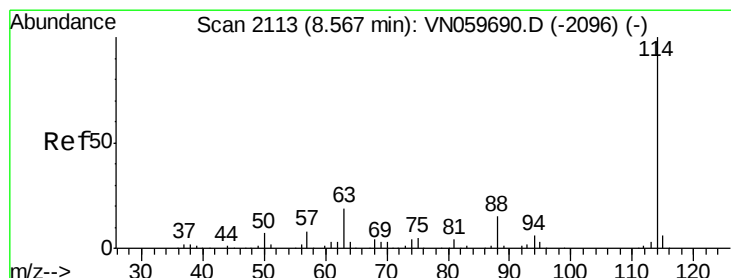
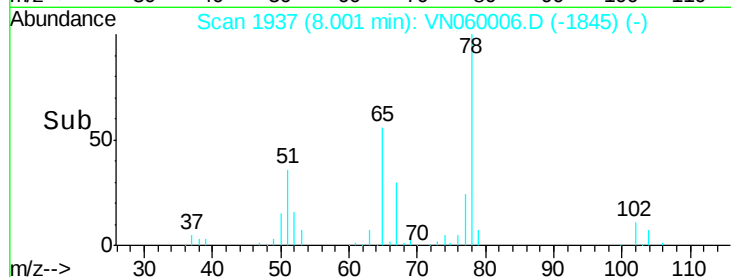
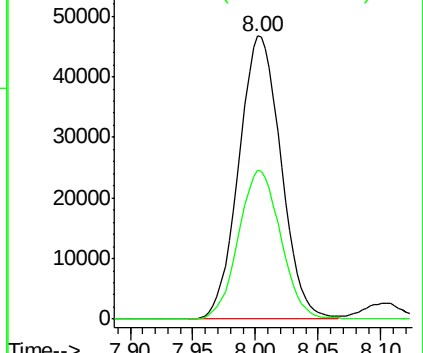
65 100

67 52.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

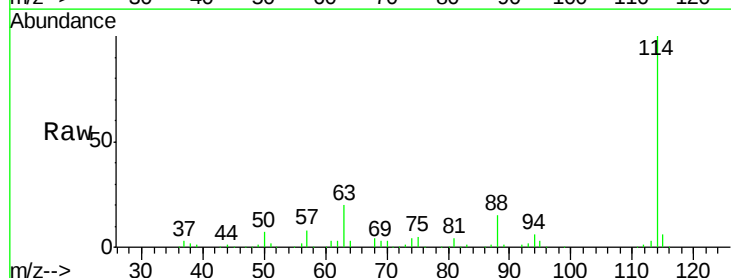
Tgt Ion: 114 Resp: 303803

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.6

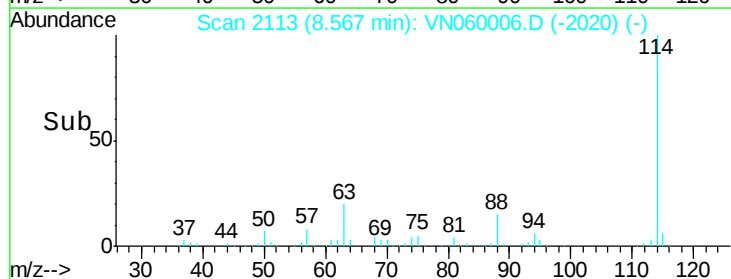
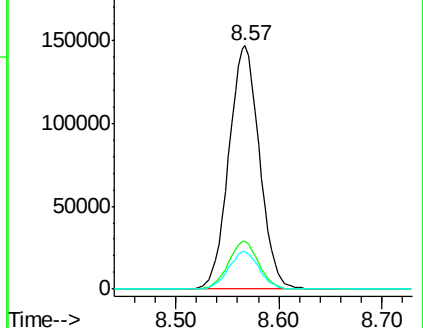
88 15.3 0.0 31.4

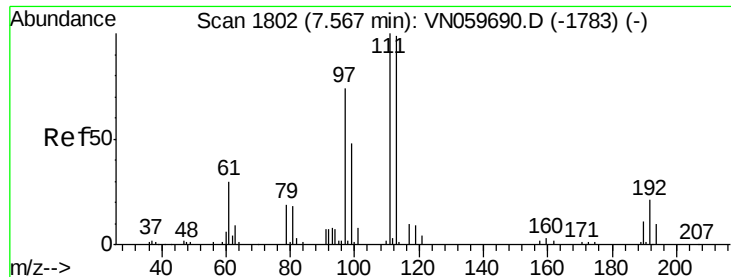


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

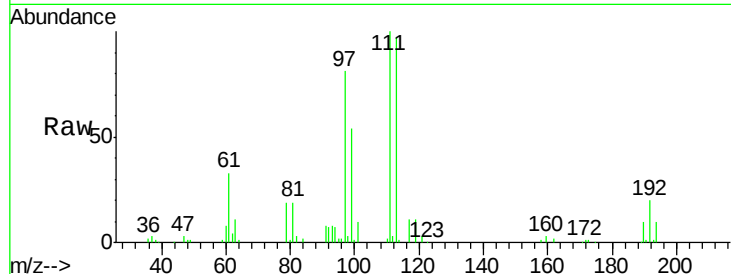




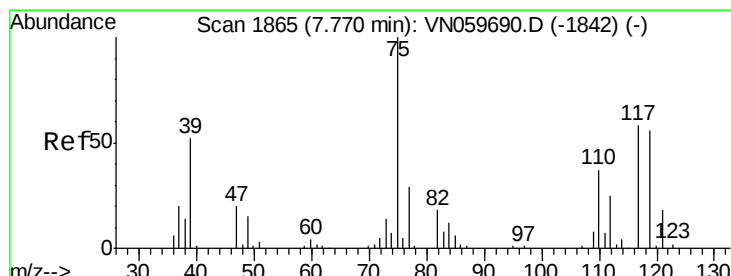
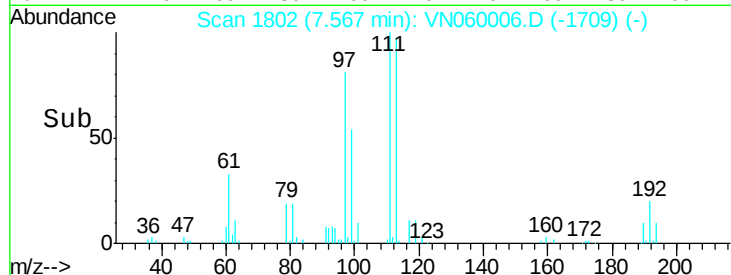
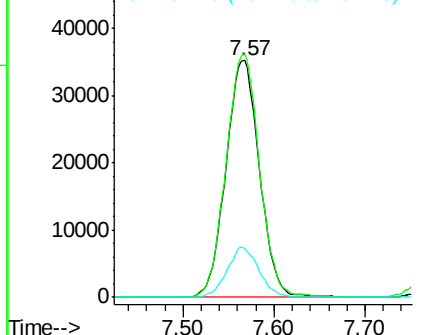
#35
 Dibromofluoromethane
 Concen: 49.79 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.5	125.3
192	20.1	15.4	23.2

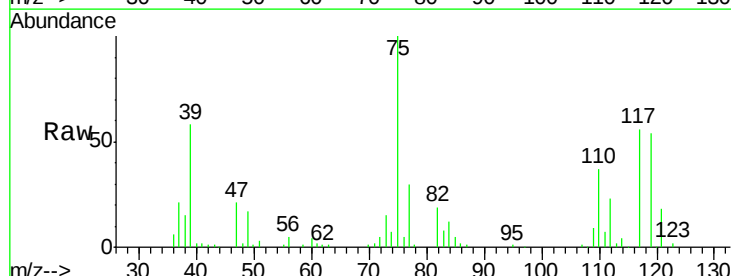


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

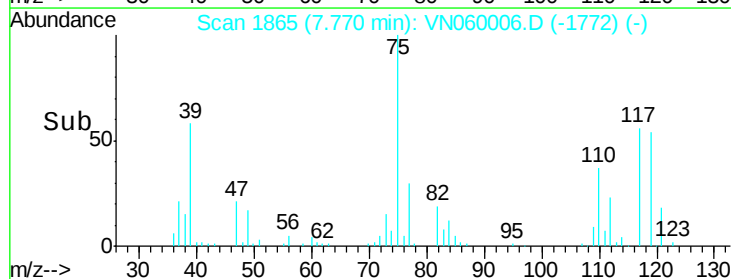
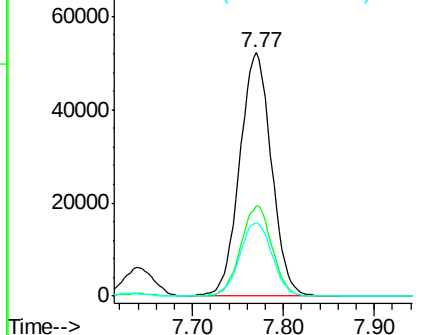


#36
 1,1-Dichloropropene
 Concen: 47.94 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	16.6	49.7
77	30.9	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

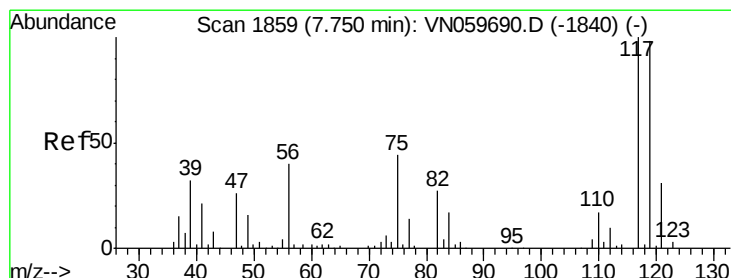
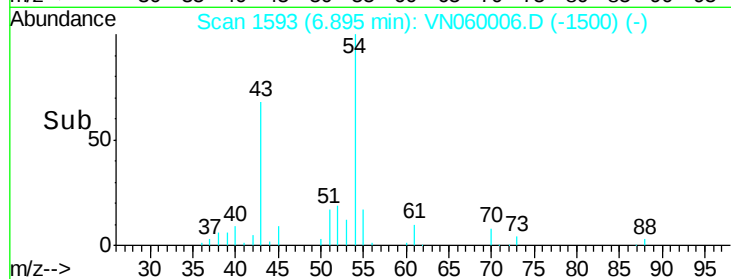
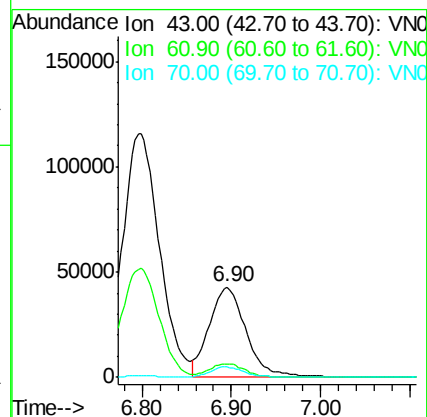
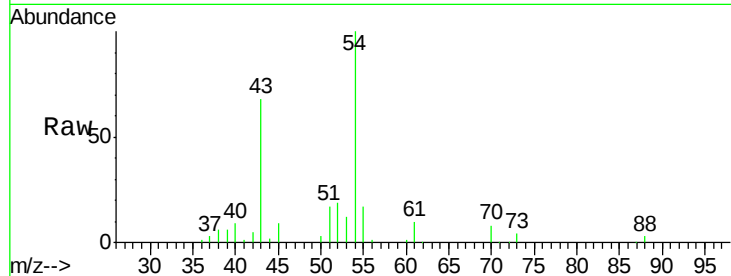




#37
Ethyl Acetate
Concen: 48.82 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

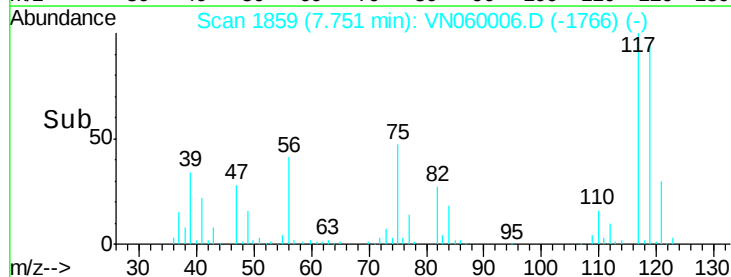
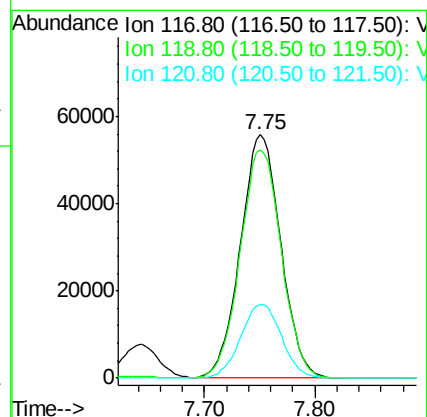
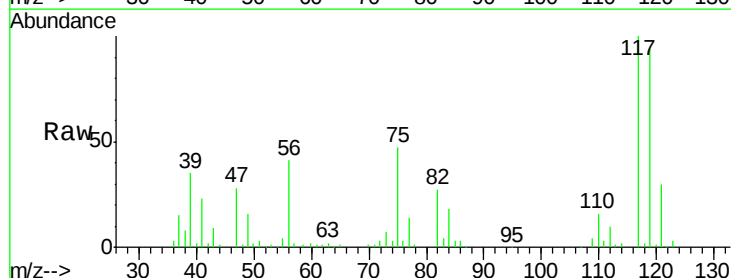
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 121132
Ion Ratio Lower Upper
43 100
61 14.7 10.9 16.3
70 11.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.33 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 117 Resp: 141956
Ion Ratio Lower Upper
117 100
119 93.9 76.5 114.7
121 30.4 25.1 37.7

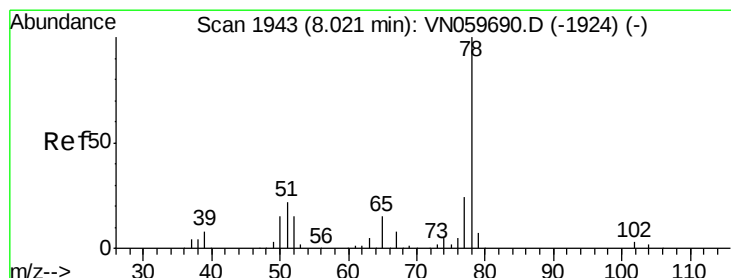
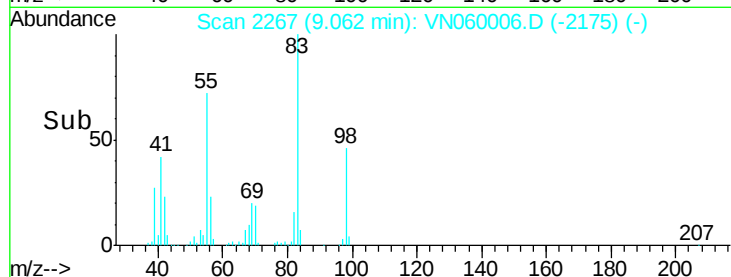
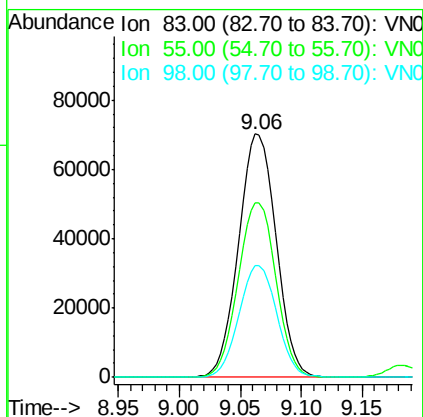
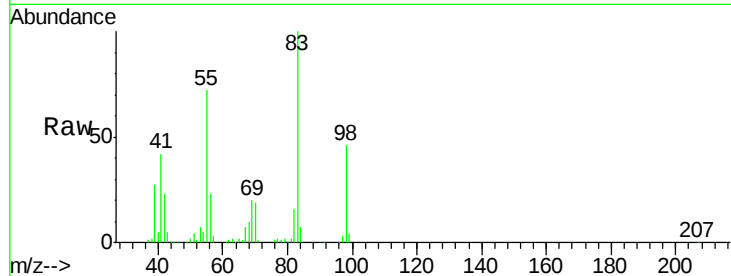




#39
Methylcyclohexane
Concen: 45.92 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

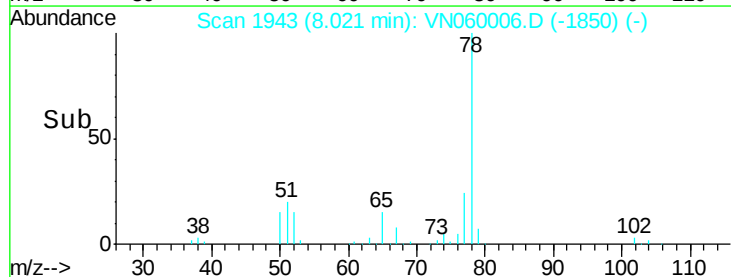
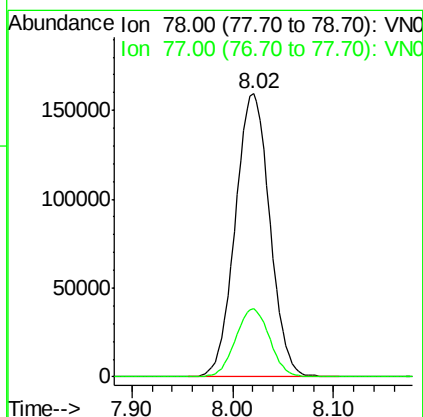
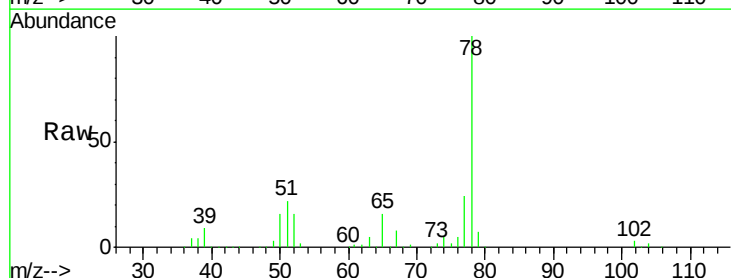
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

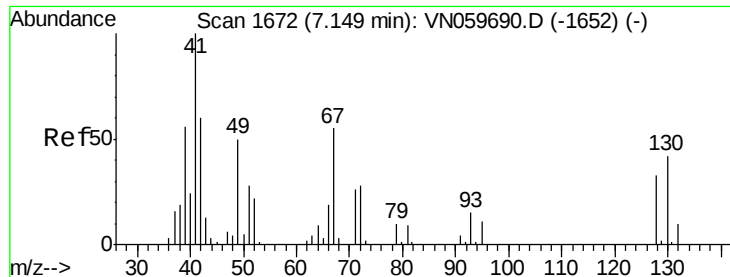
Tgt Ion: 83 Resp: 149788
Ion Ratio Lower Upper
83 100
55 71.7 64.2 96.2
98 45.7 35.9 53.9



#40
Benzene
Concen: 47.91 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 78 Resp: 378058
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

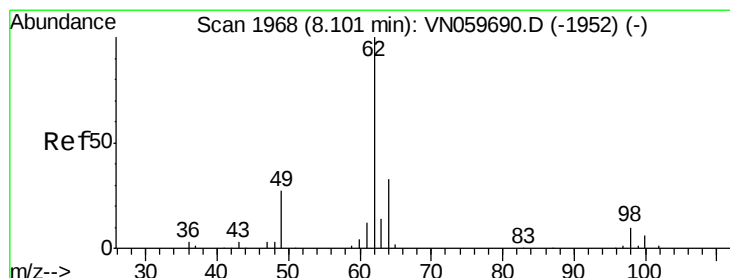
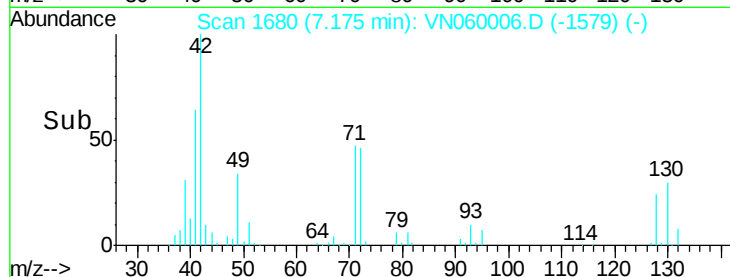
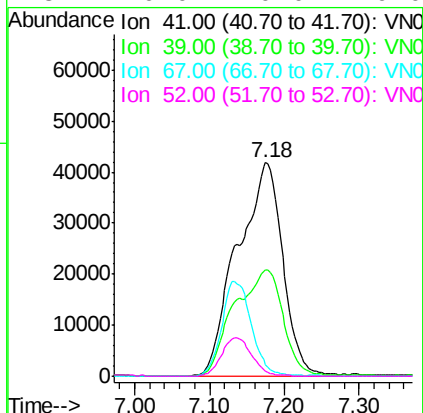
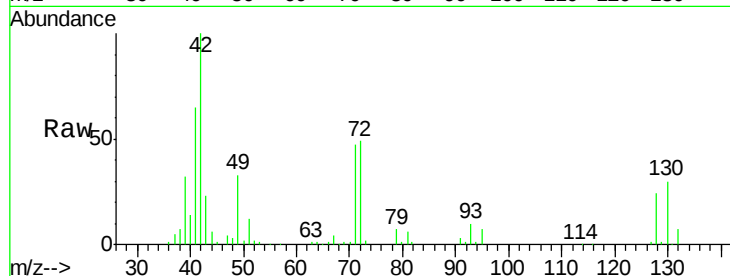




#41
Methacrylonitrile
Concen: 144.08 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

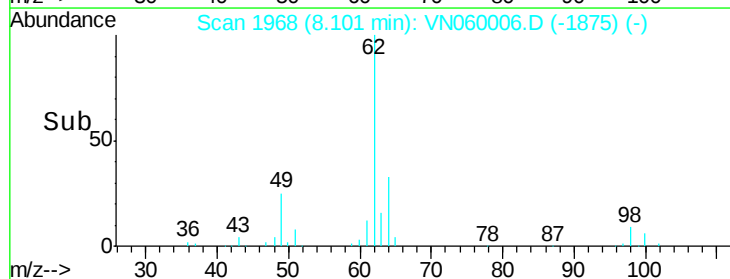
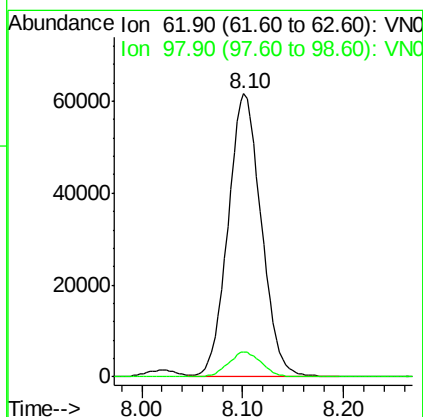
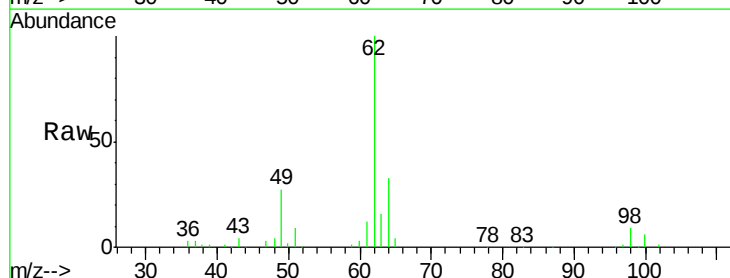
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

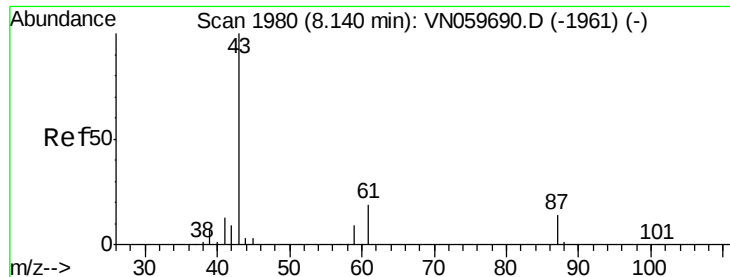
Tgt Ion:	41	Resp:	176092
Ion	Ratio	Lower	Upper
41	100		
39	53.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 52.93 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion:	62	Resp:	141600
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 50.03 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

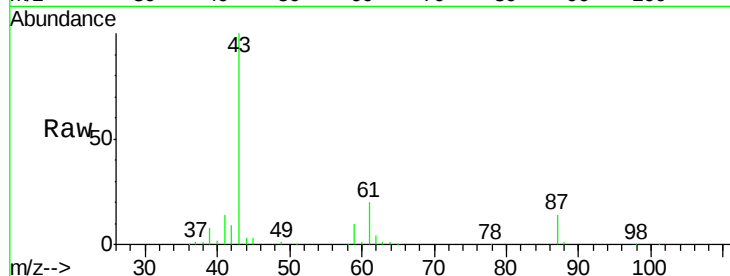
Tgt Ion: 43 Resp: 213534

Ion Ratio Lower Upper

43 100

61 27.0 20.2 30.2

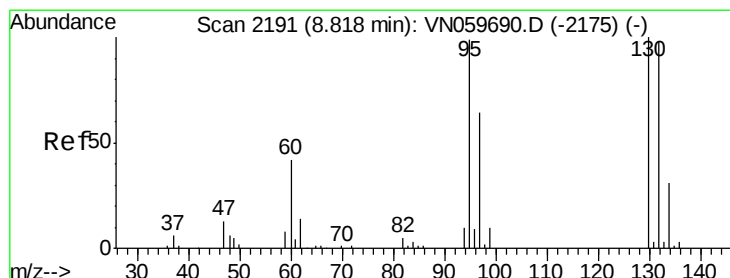
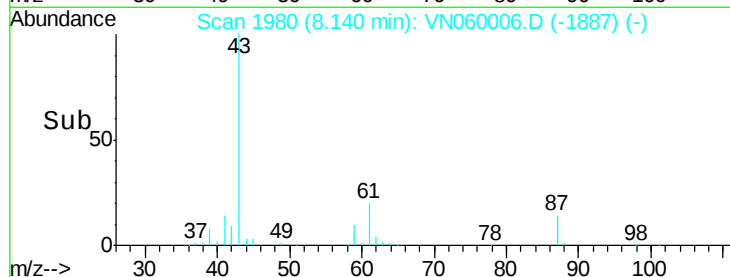
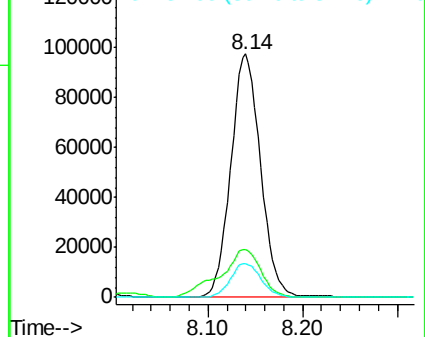
87 14.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 50.41 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060006.D

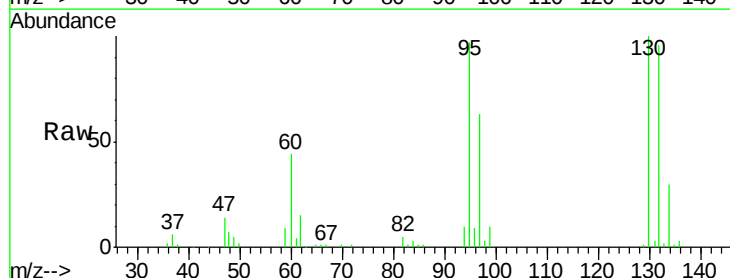
Acq: 6 Feb 2020 9:51

Tgt Ion: 130 Resp: 108577

Ion Ratio Lower Upper

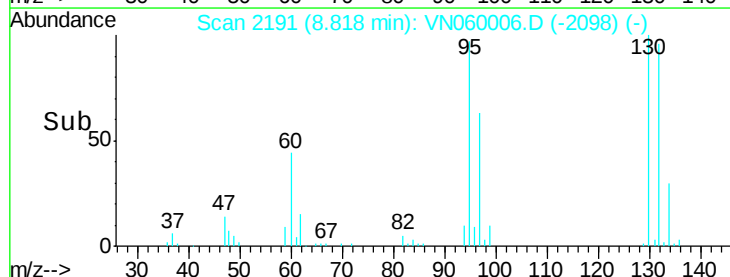
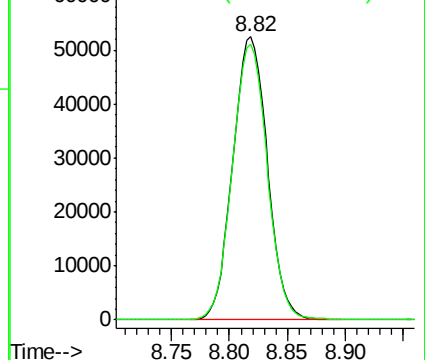
130 100

95 97.5 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

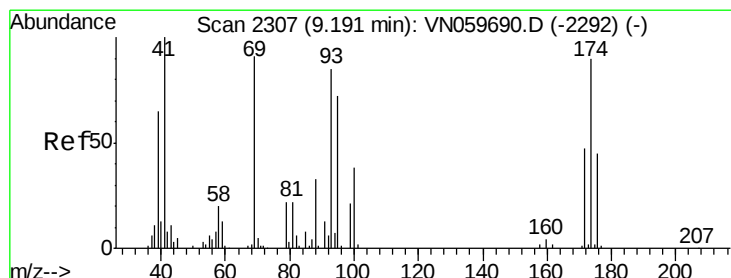
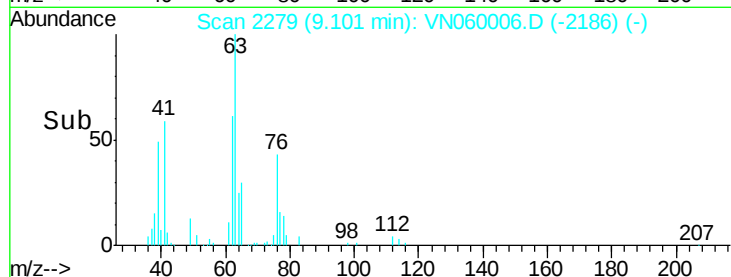
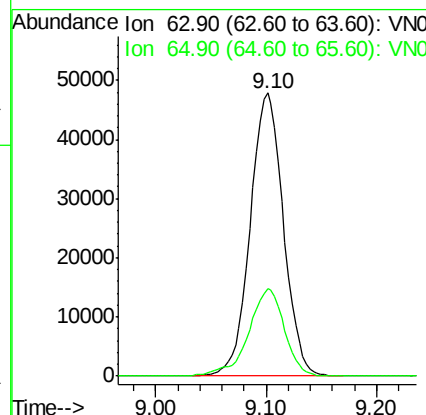
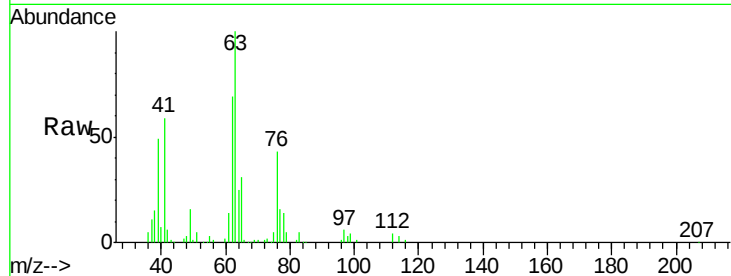




#45
 1,2-Dichloropropane
 Concen: 50.95 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

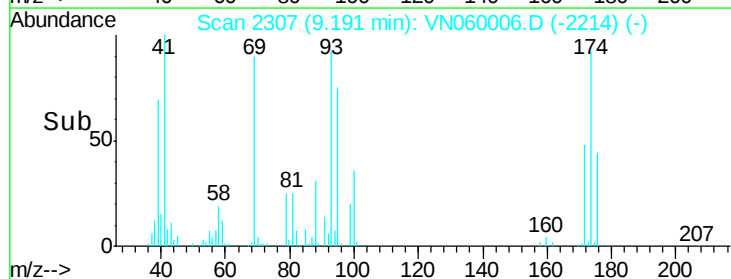
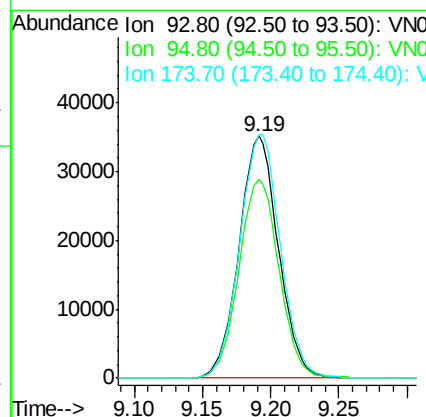
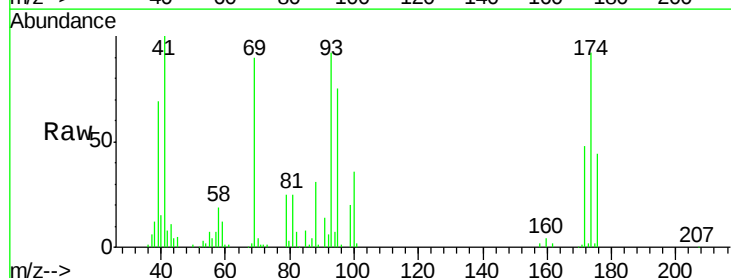
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 99468
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 51.09 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion: 93 Resp: 70370
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.6
 174 103.7 73.4 110.2

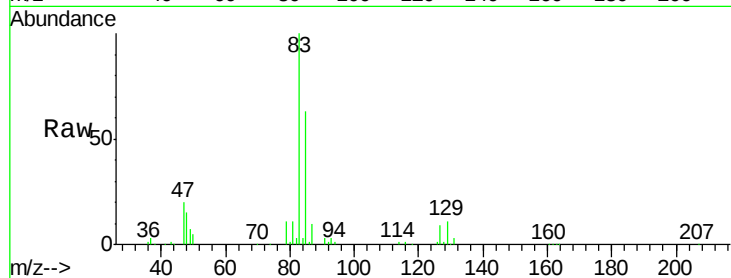




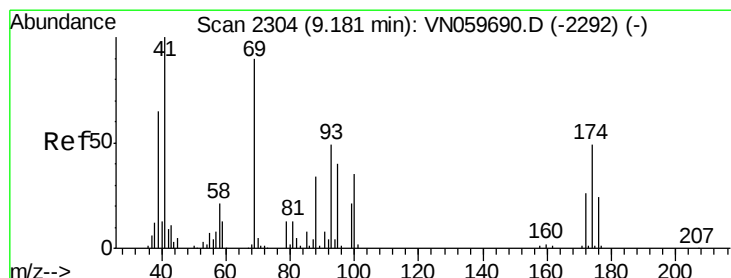
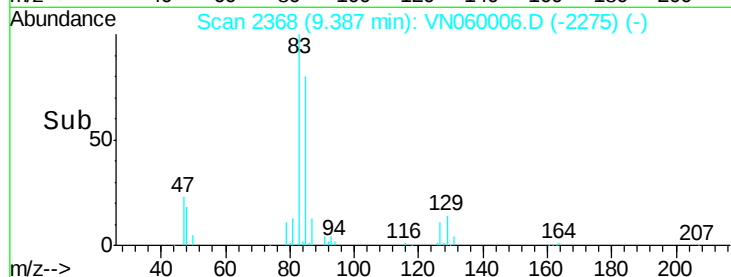
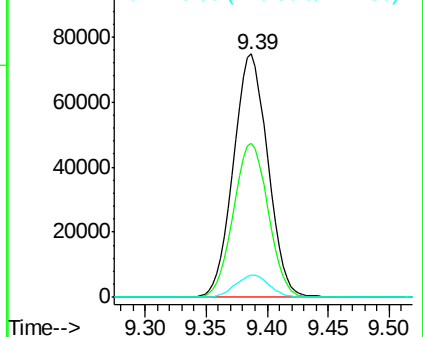
#47
 Bromodichloromethane
 Concen: 52.82 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 146602
 Ion Ratio Lower Upper
 83 100
 85 63.4 51.1 76.7
 127 8.9 6.6 9.8

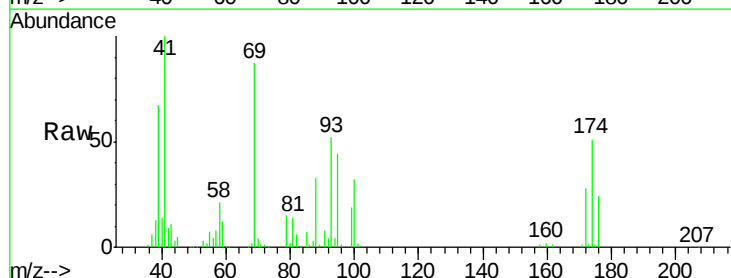


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

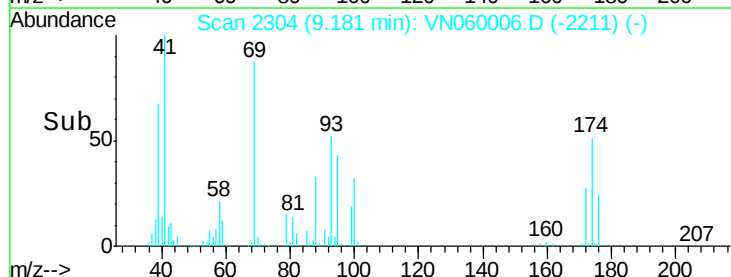
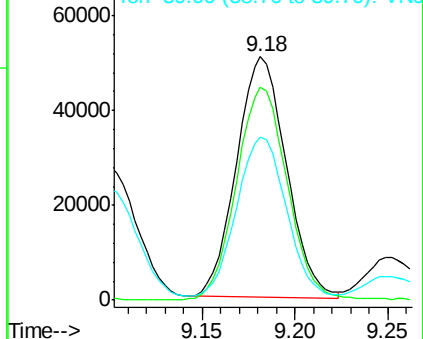


#48
 Methyl methacrylate
 Concen: 49.69 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion: 41 Resp: 94856
 Ion Ratio Lower Upper
 41 100
 69 90.7 64.4 96.6
 39 69.5 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

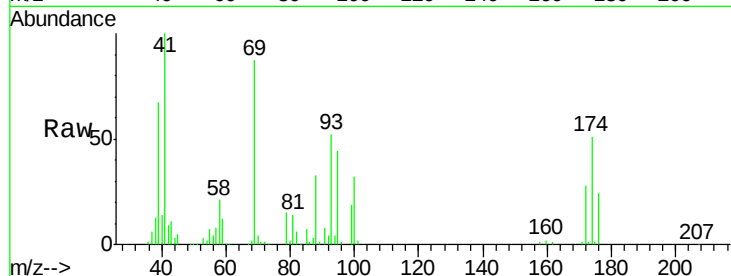




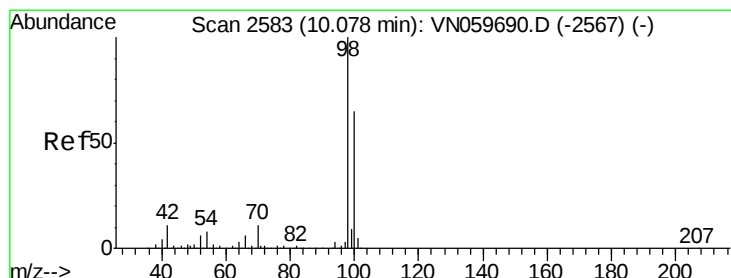
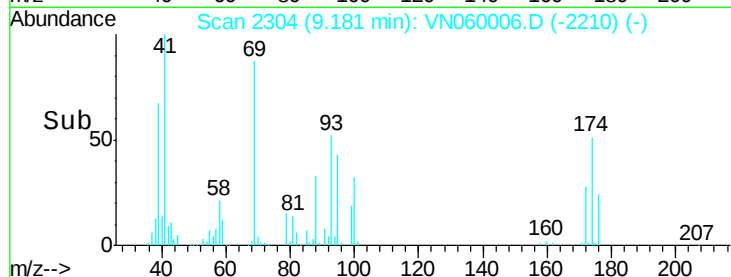
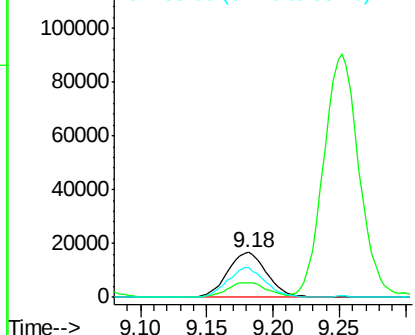
#49
1,4-Dioxane
Concen: 979.12 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 34219
Ion Ratio Lower Upper
88 100
43 33.7 29.7 44.5
58 64.0 56.6 85.0

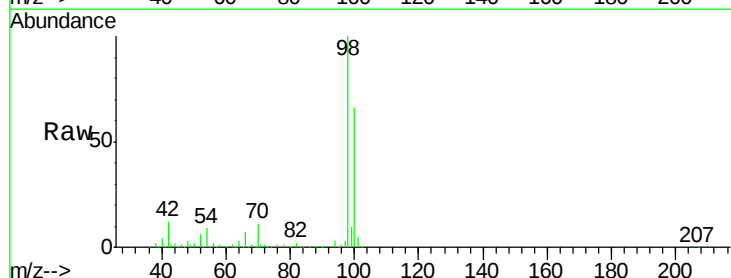


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

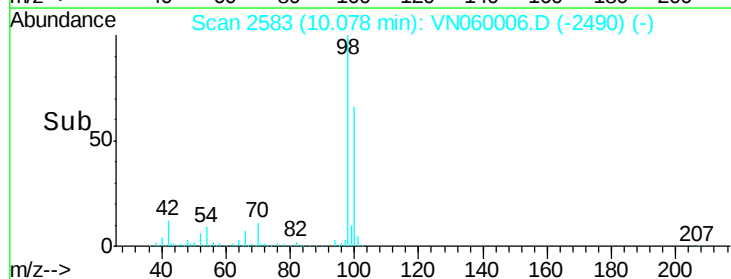
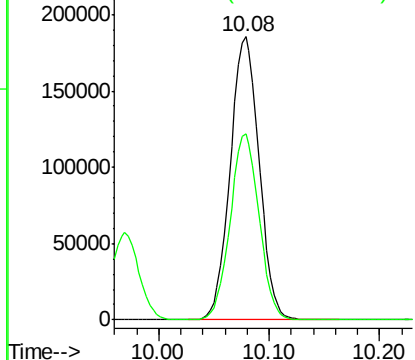


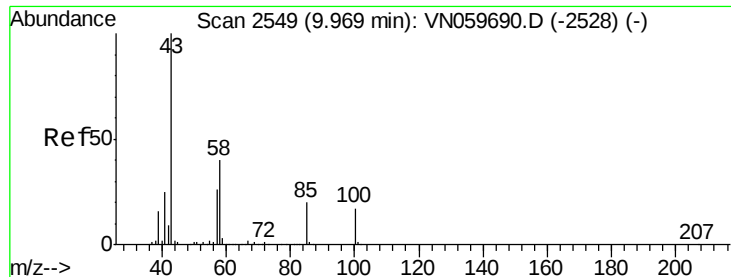
#50
Toluene-d8
Concen: 48.00 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 98 Resp: 336926
Ion Ratio Lower Upper
98 100
100 65.6 51.2 76.8



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

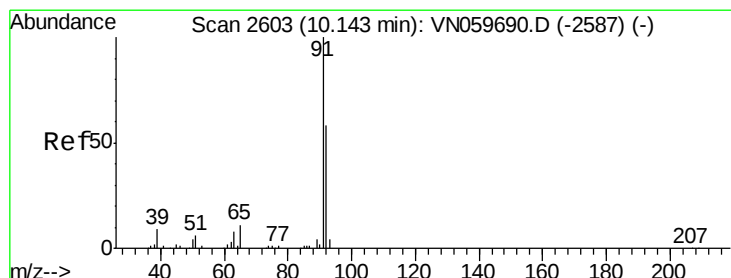
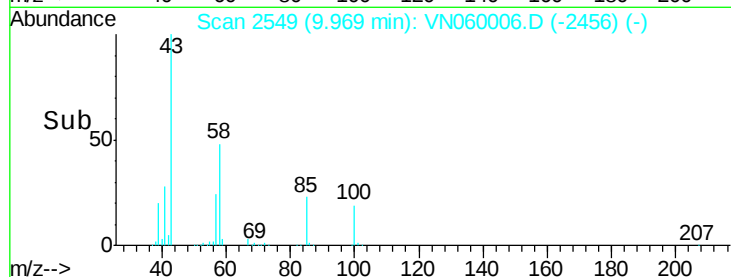
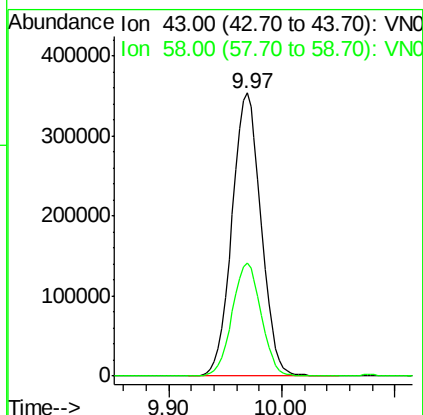
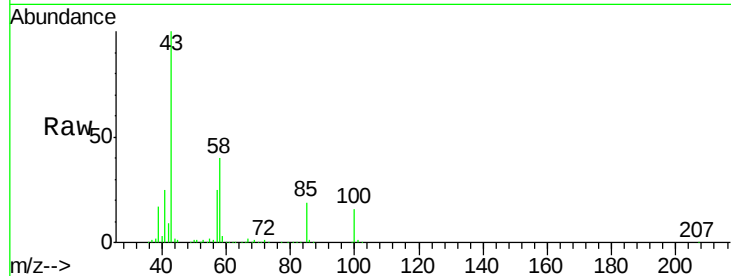




#51
 4-Methyl-2-Pentanone
 Concen: 256.13 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

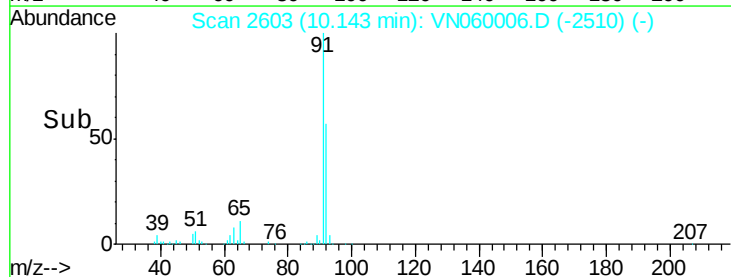
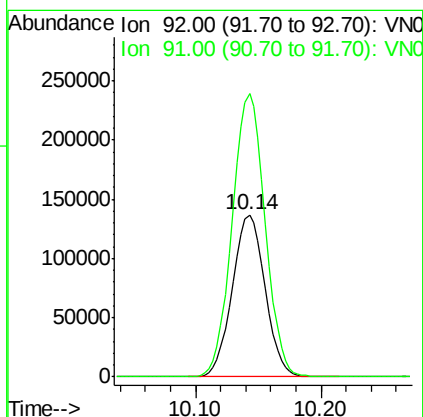
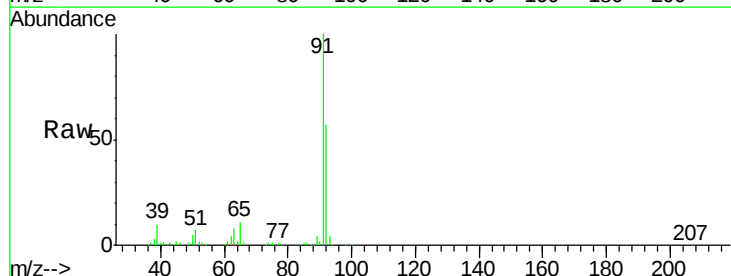
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 631928
 Ion Ratio Lower Upper
 43 100
 58 39.9 29.8 44.8



#52
 Toluene
 Concen: 49.84 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion: 92 Resp: 248404
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.03 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampled :

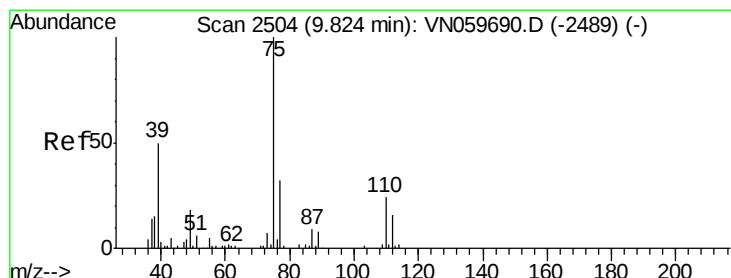
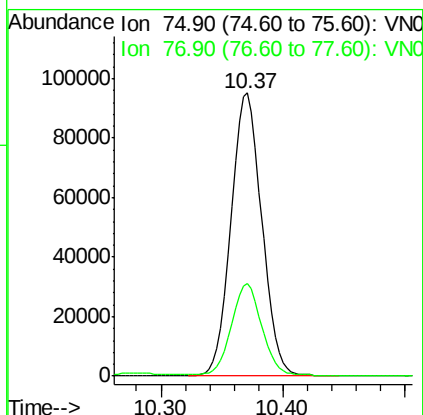
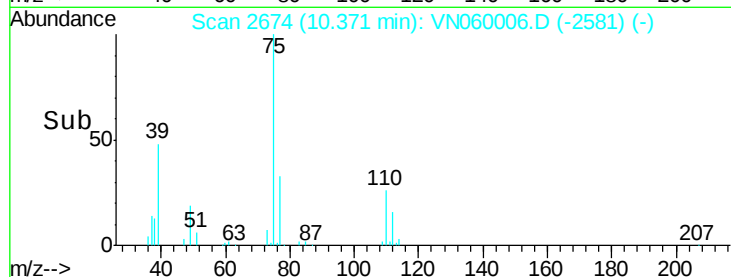
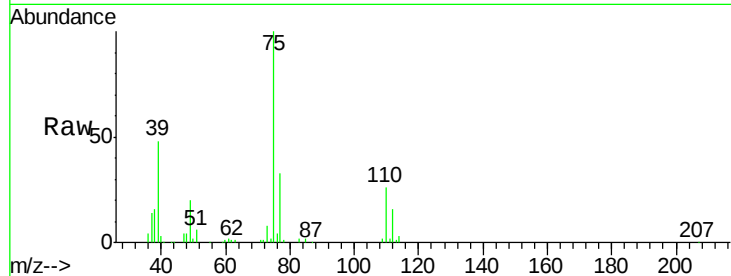
VSTDCCC050

Tgt Ion: 75 Resp: 167452

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.72 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

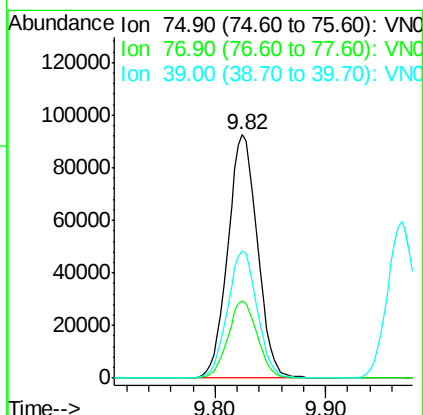
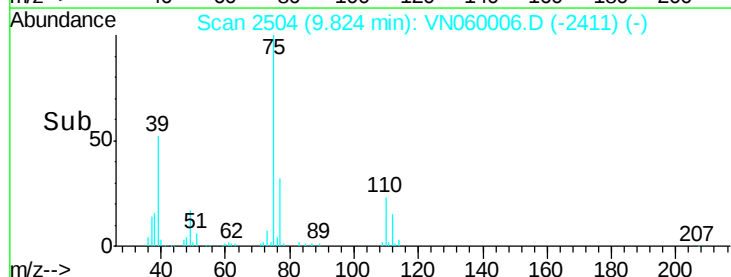
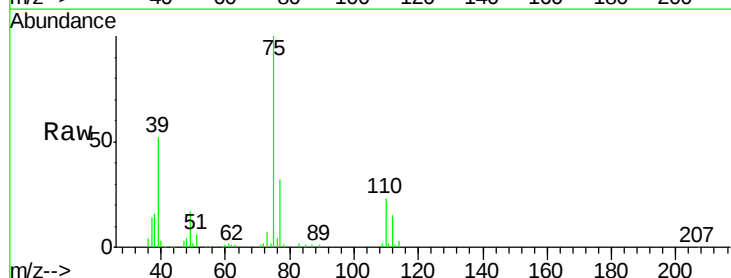
Tgt Ion: 75 Resp: 171895

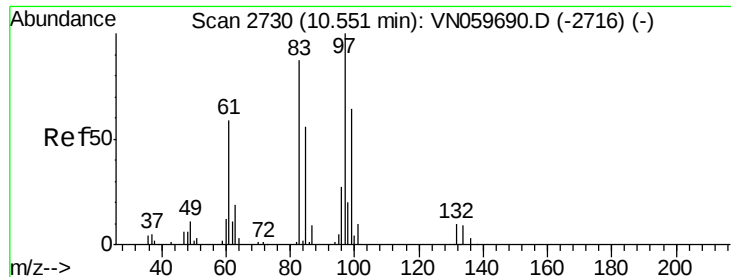
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 52.2 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 51.41 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 97 Resp: 101474

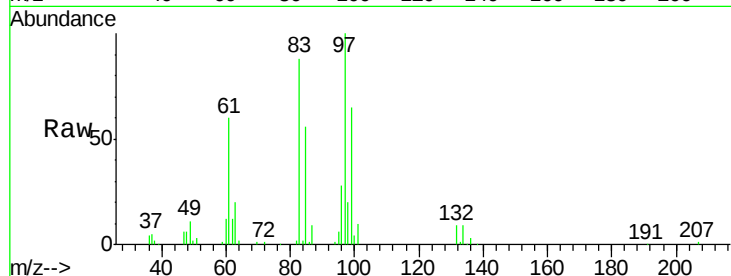
Ion Ratio Lower Upper

97 100

83 88.4 71.3 106.9

85 55.9 45.8 68.8

99 64.5 50.0 75.0

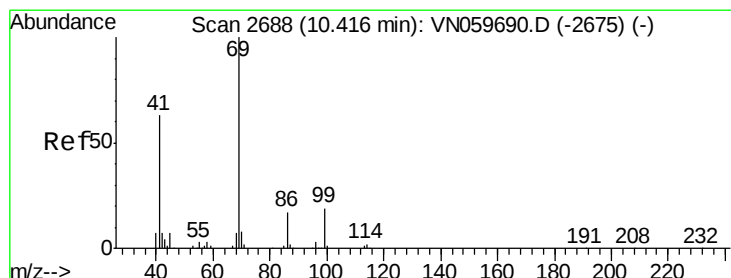
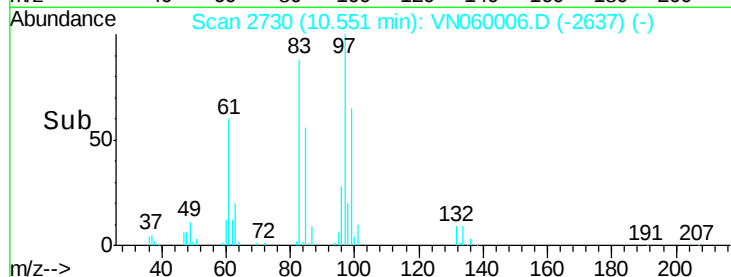
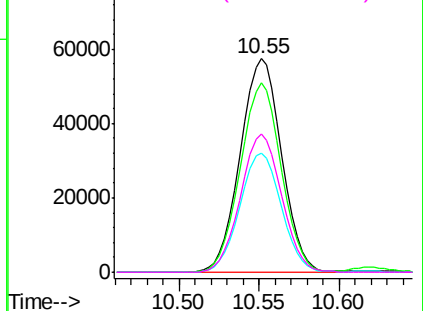


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 50.44 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

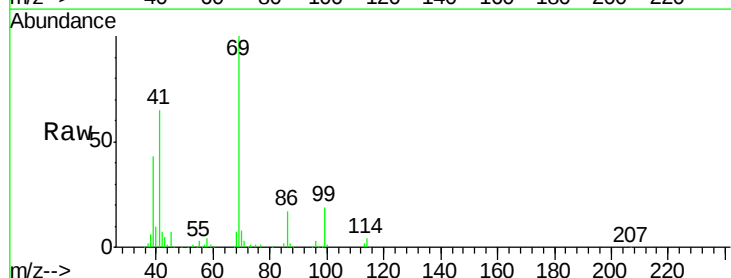
Tgt Ion: 69 Resp: 152127

Ion Ratio Lower Upper

69 100

41 63.9 57.1 85.7

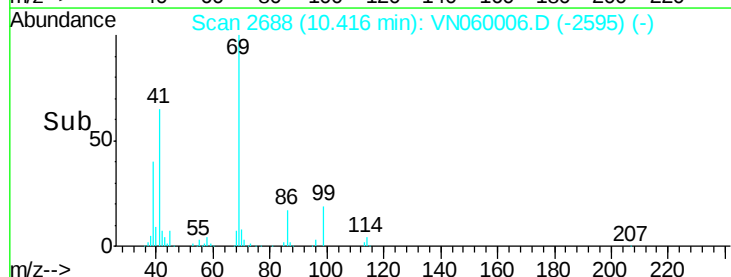
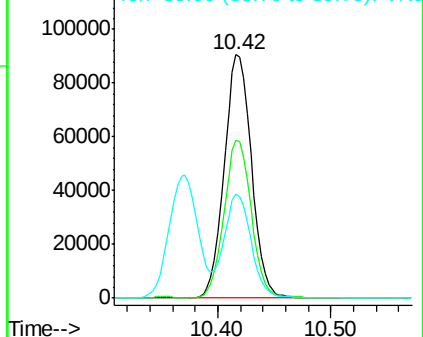
39 42.4 34.7 52.1



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: 53.61 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

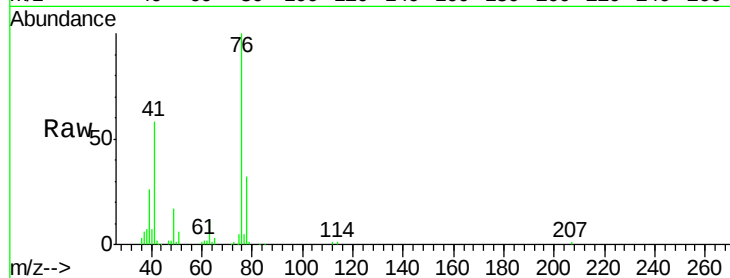
VSTDCCC050

Tgt Ion: 76 Resp: 167991

Ion Ratio Lower Upper

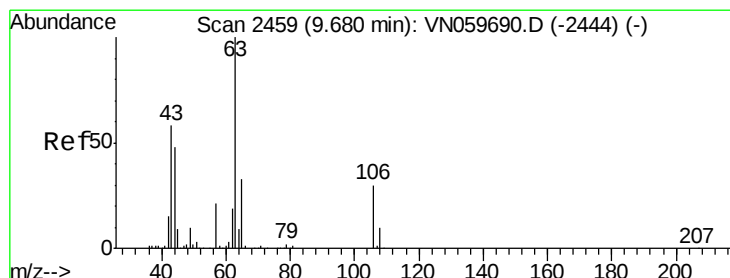
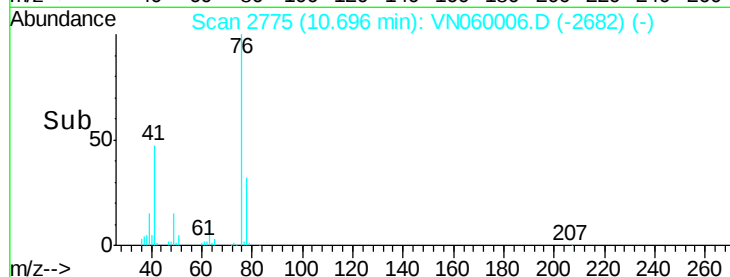
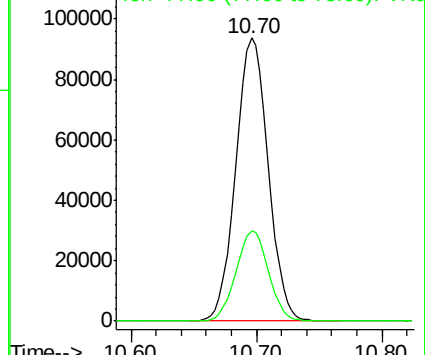
76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 268.45 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060006.D

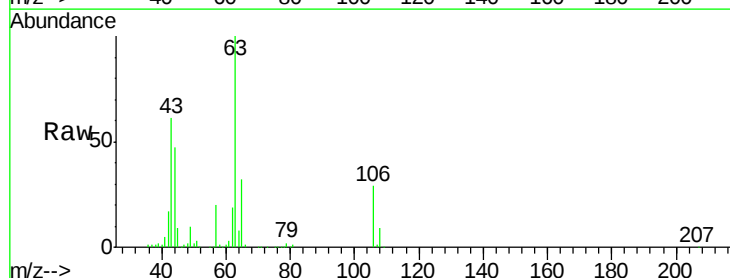
Acq: 6 Feb 2020 9:51

Tgt Ion: 63 Resp: 243875

Ion Ratio Lower Upper

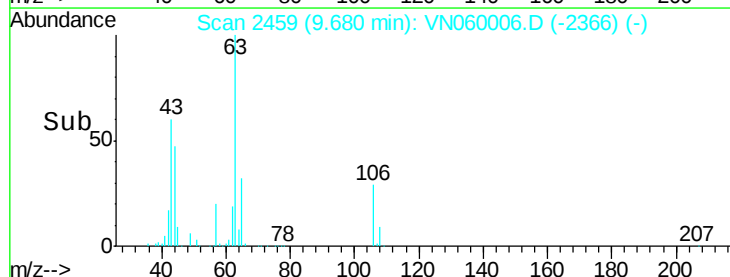
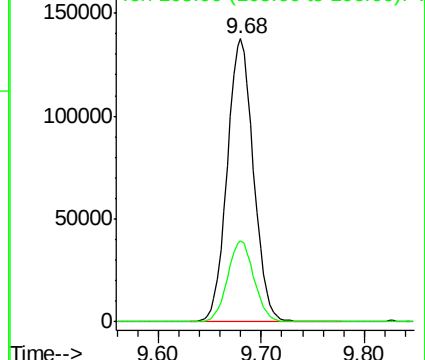
63 100

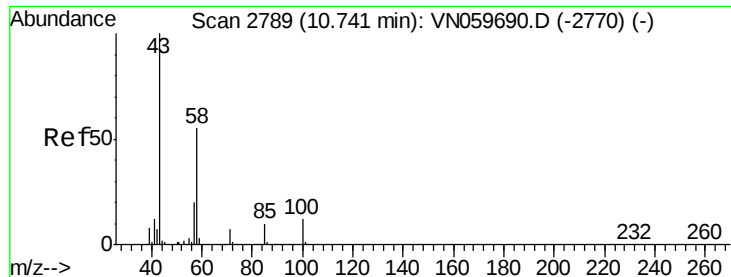
106 28.8 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

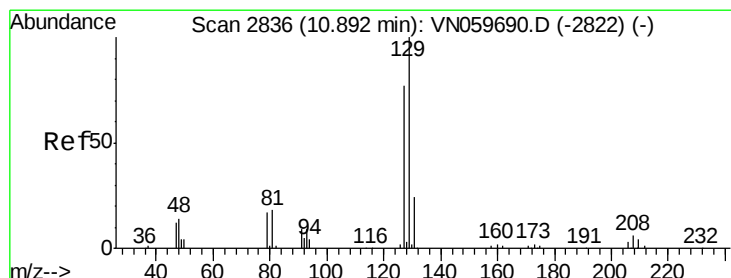
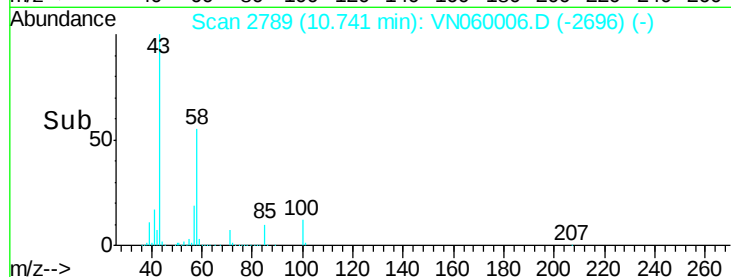
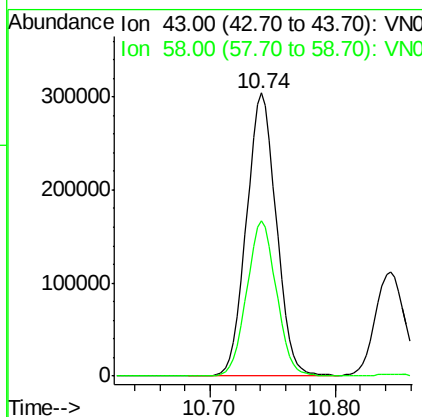
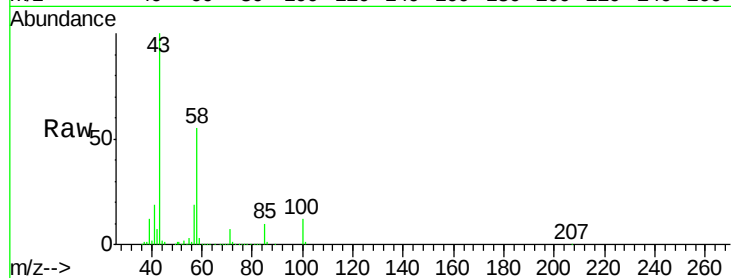




#59
2-Hexanone
Concen: 277.56 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

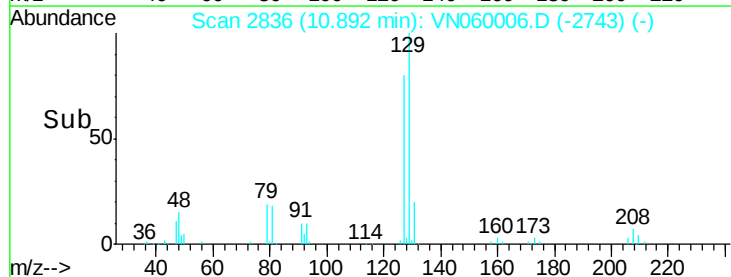
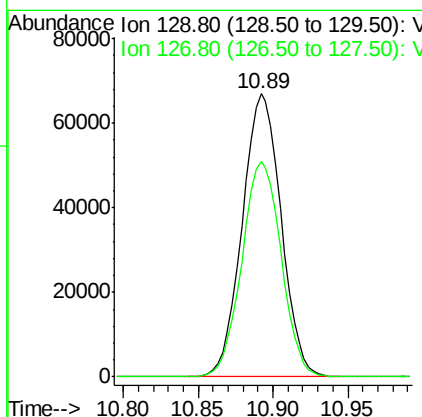
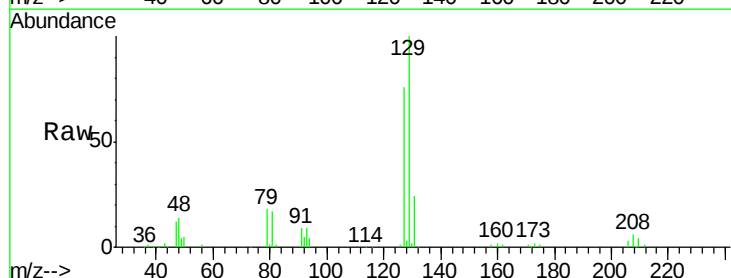
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

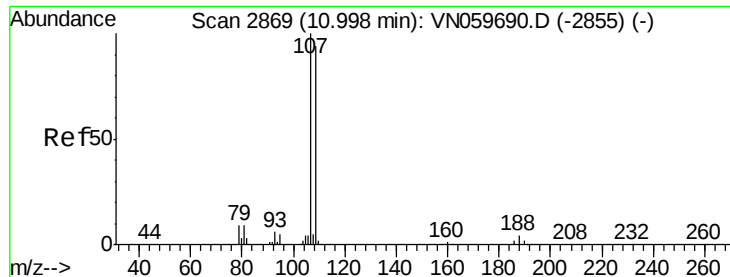
Tgt Ion: 43 Resp: 504502
Ion Ratio Lower Upper
43 100
58 54.5 25.8 77.3



#60
Dibromochloromethane
Concen: 53.83 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 129 Resp: 121009
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

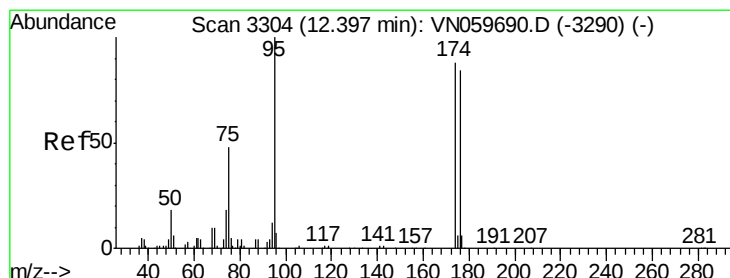
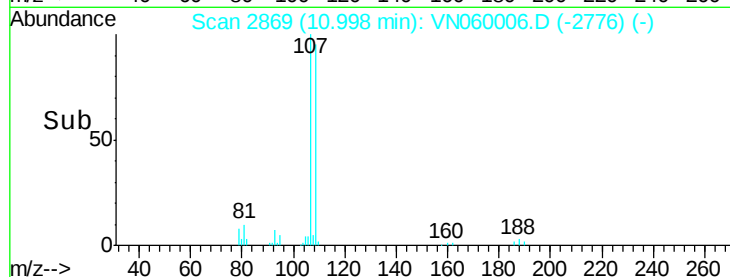
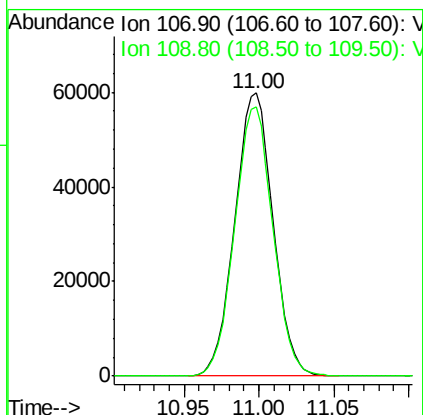
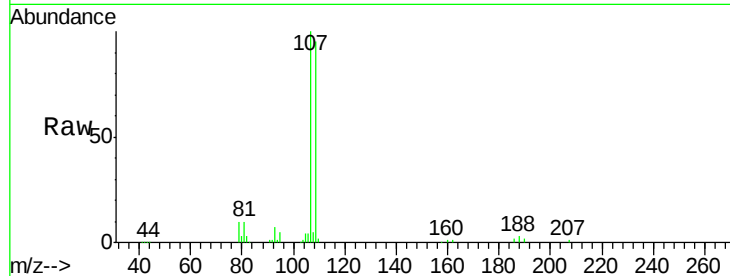




#61
 1,2-Dibromoethane
 Concen: 51.53 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

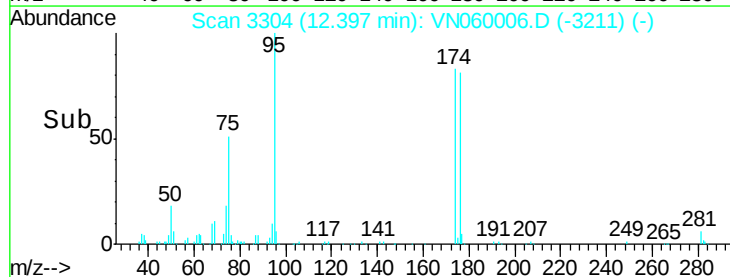
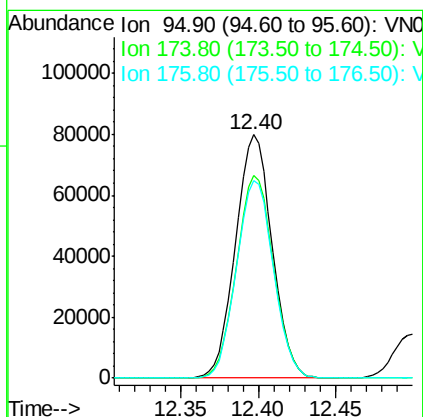
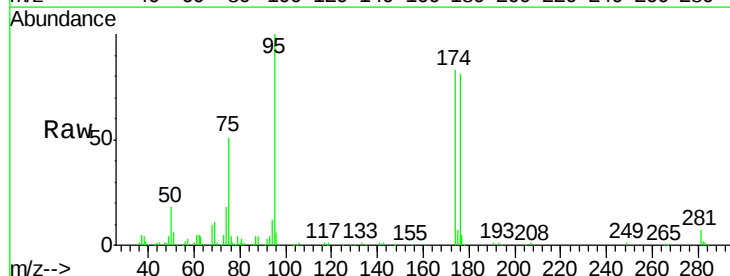
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

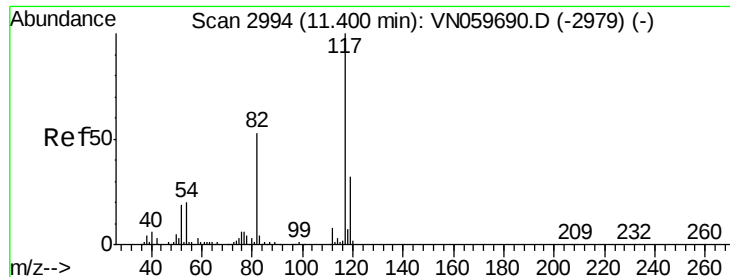
Tgt Ion: 107 Resp: 106600
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 51.88 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion: 95 Resp: 131286
 Ion Ratio Lower Upper
 95 100
 174 84.3 0.0 151.4
 176 82.1 0.0 146.0

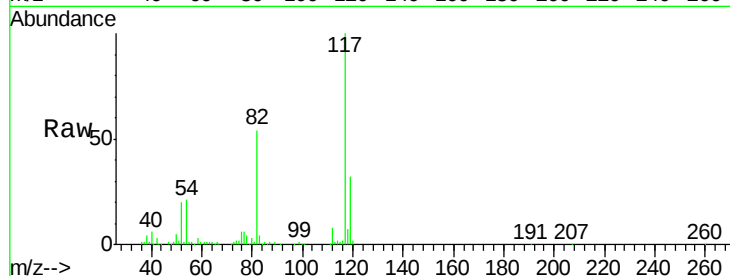




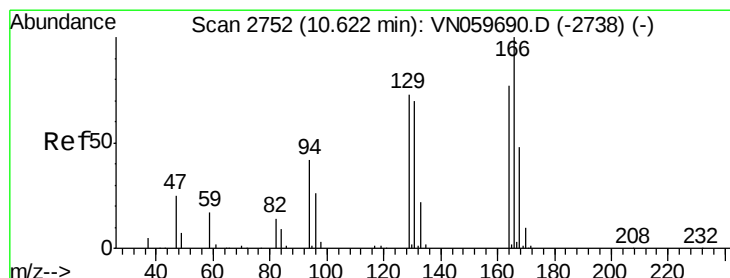
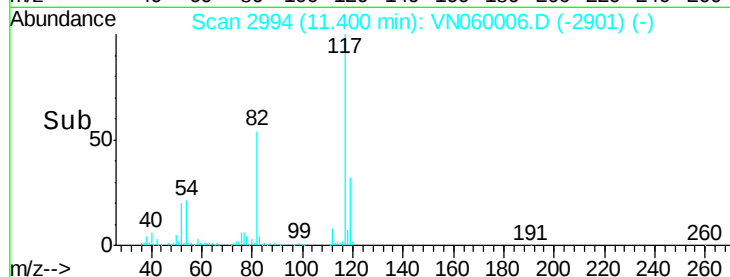
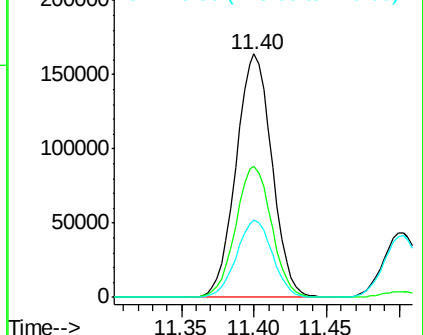
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 281482
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 31.6 25.5 38.3

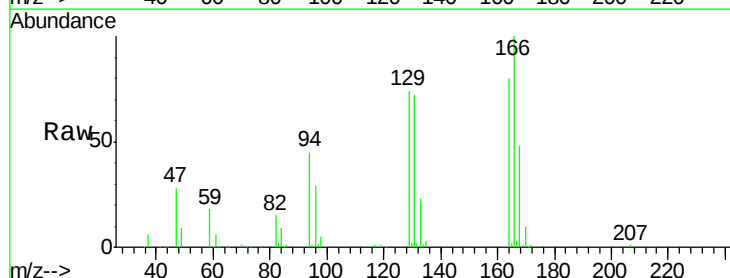


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

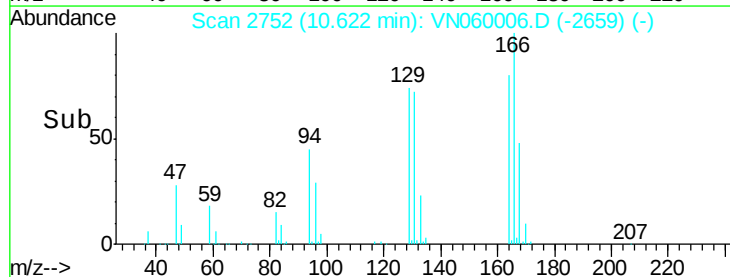
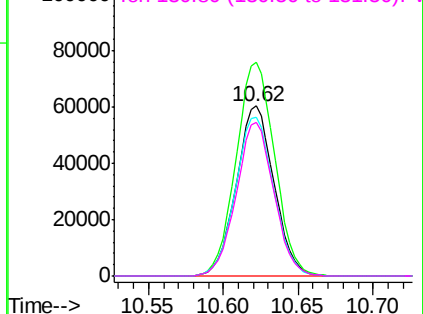


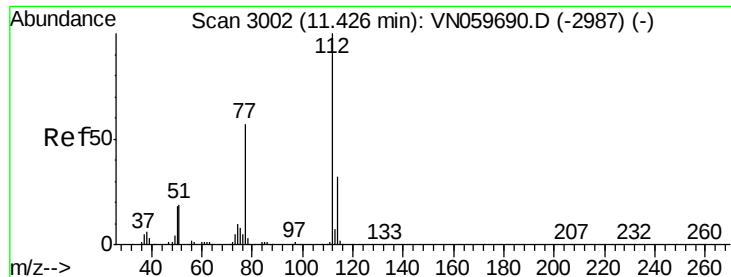
#64
Tetrachloroethene
Concen: 46.09 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion:164 Resp: 105736
Ion Ratio Lower Upper
164 100
166 125.6 101.4 152.0
129 93.0 80.2 120.4
131 90.4 75.0 112.4



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

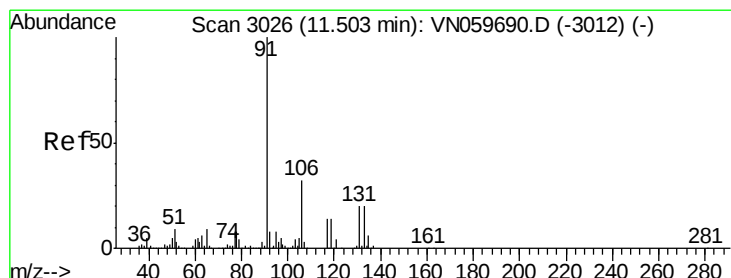
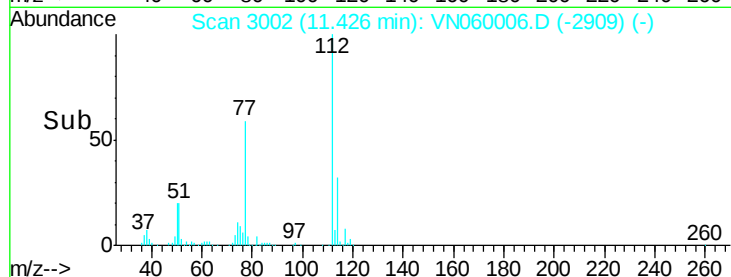
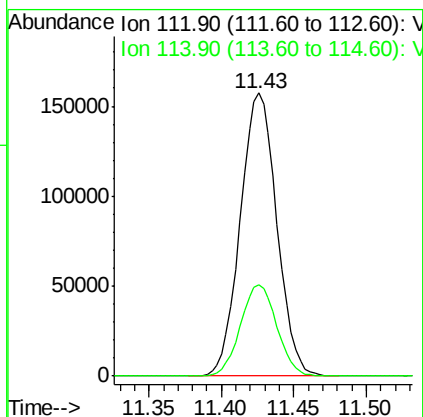
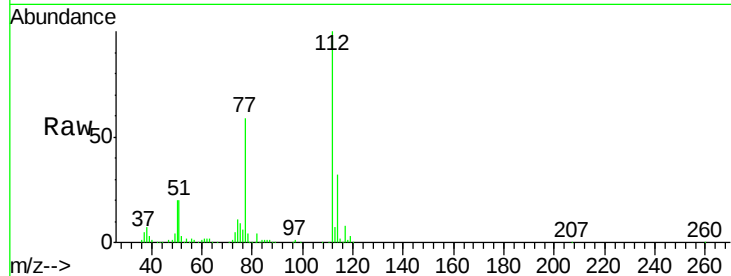




#65
Chlorobenzene
Concen: 49.84 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

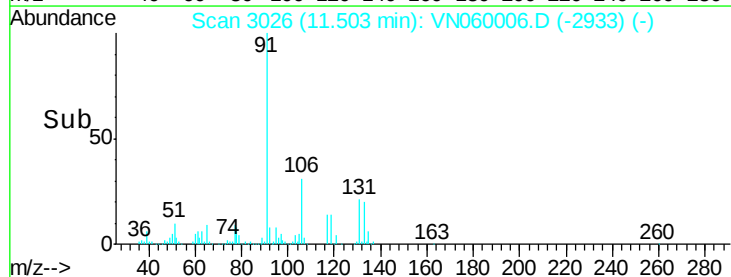
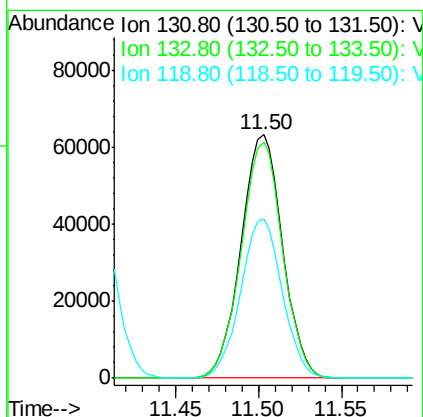
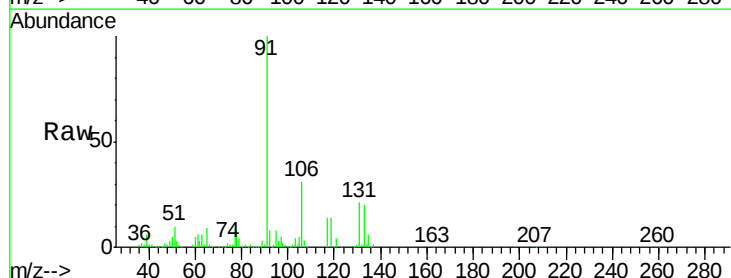
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 275721
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.51 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion:131 Resp: 110110
Ion Ratio Lower Upper
131 100
133 96.9 47.4 142.2
119 65.3 33.1 99.3

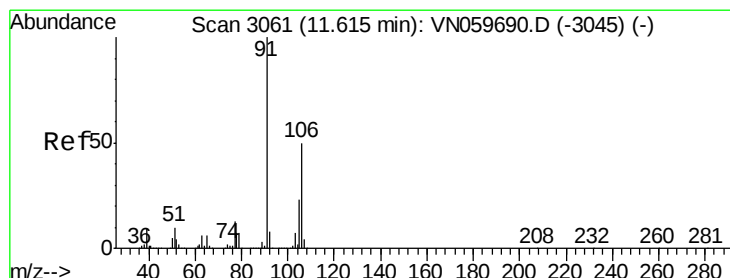
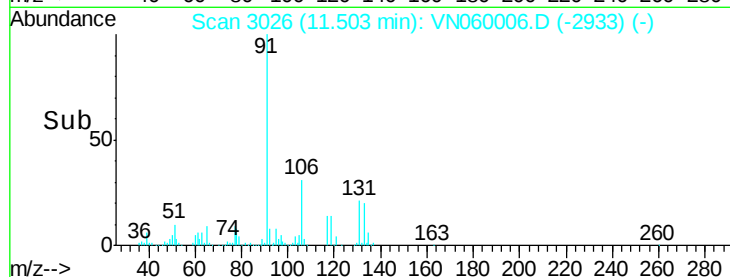
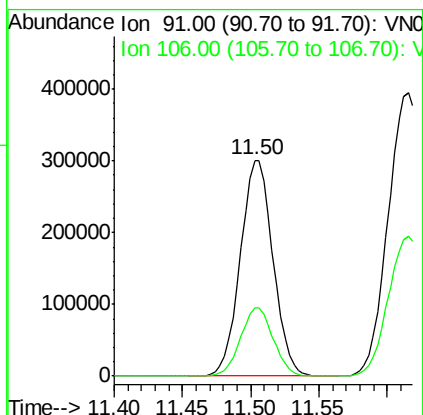
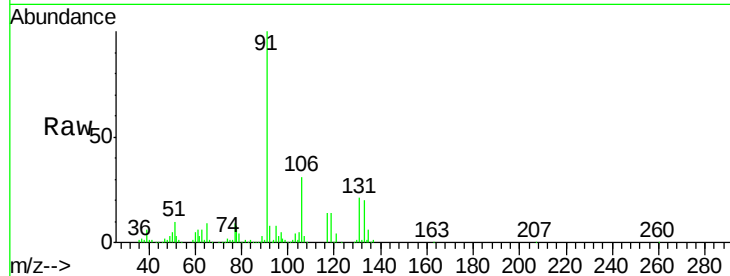




#67
Ethyl Benzene
Concen: 49.73 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

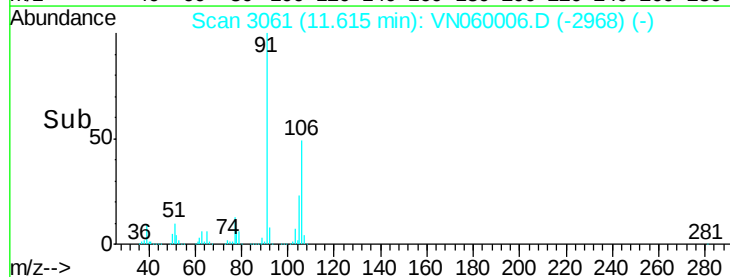
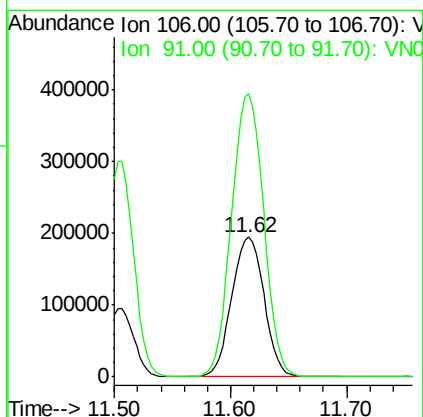
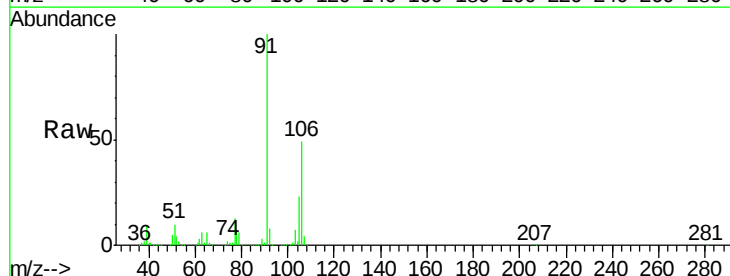
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

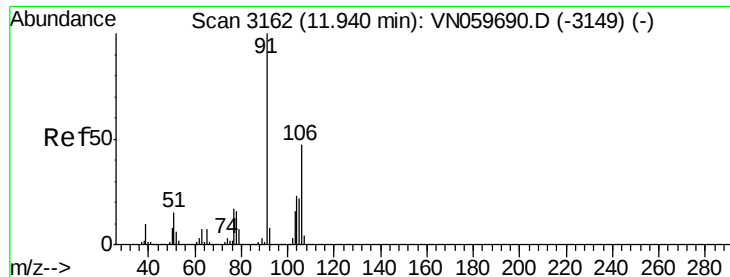
Tgt Ion: 91 Resp: 499461
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1



#68
m/p-Xylenes
Concen: 99.45 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 106 Resp: 377301
Ion Ratio Lower Upper
106 100
91 201.8 167.9 251.9

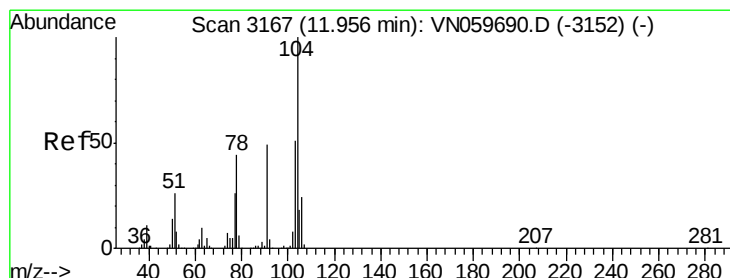
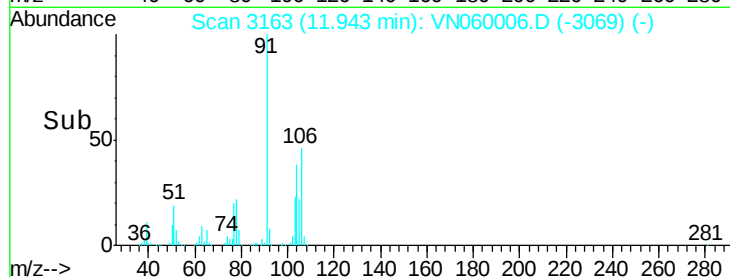
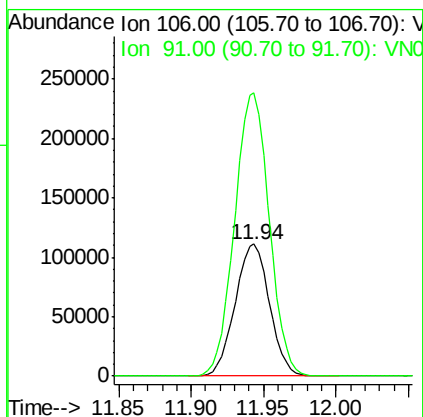
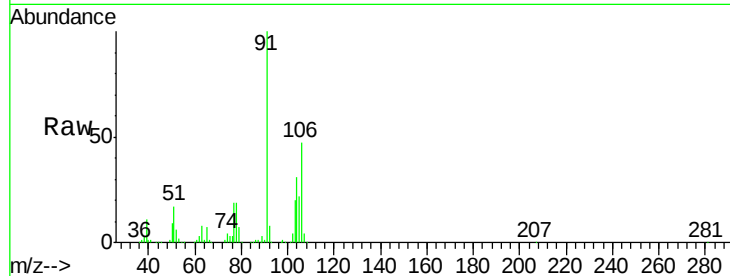




#69
o-Xylene
Concen: 49.34 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

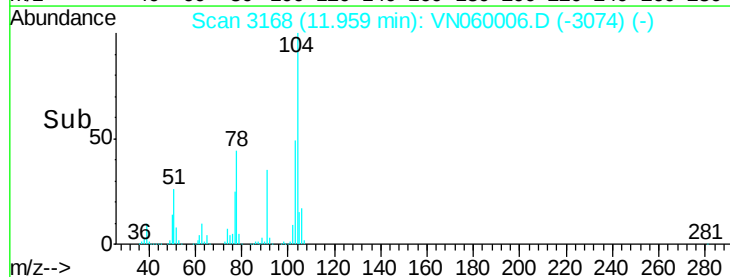
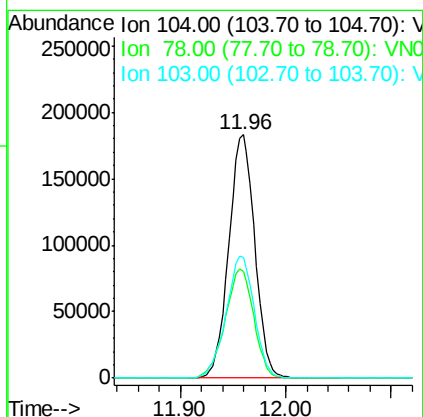
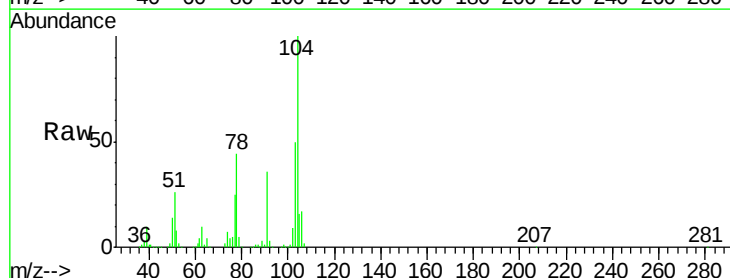
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

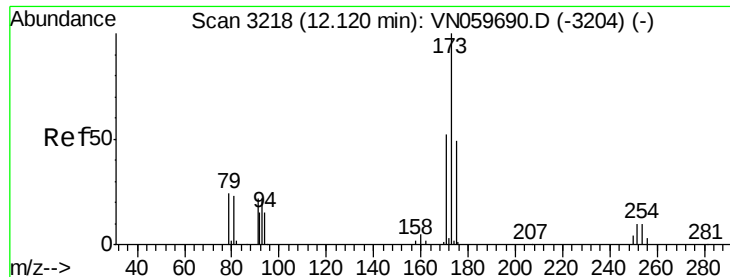
Tgt Ion:106 Resp: 183265
Ion Ratio Lower Upper
106 100
91 215.8 110.3 330.9



#70
Styrene
Concen: 50.20 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion:104 Resp: 312006
Ion Ratio Lower Upper
104 100
78 49.2 42.4 63.6
103 54.4 43.9 65.9





#71

Bromoform

Concen: 53.64 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

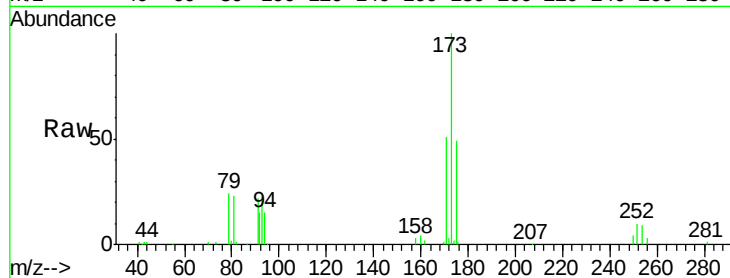
Tgt Ion:173 Resp: 91860

Ion Ratio Lower Upper

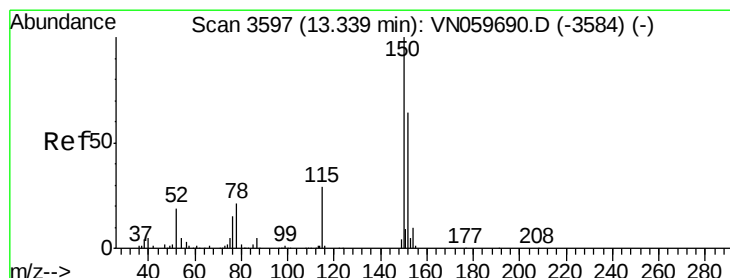
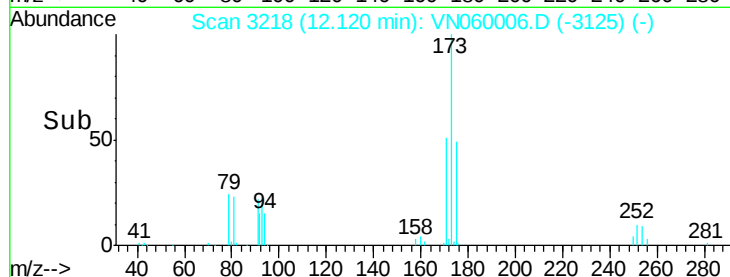
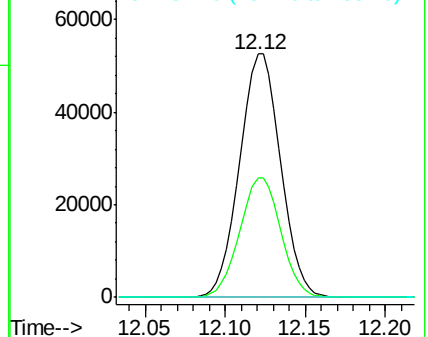
173 100

175 49.2 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: VN060006.D

Acq: 6 Feb 2020 9:51

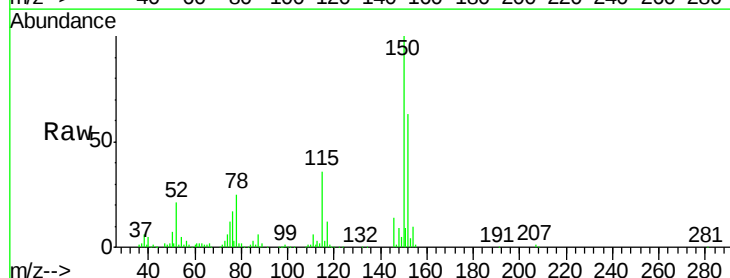
Tgt Ion:152 Resp: 143204

Ion Ratio Lower Upper

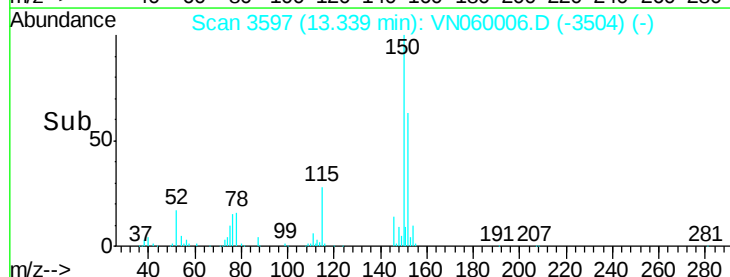
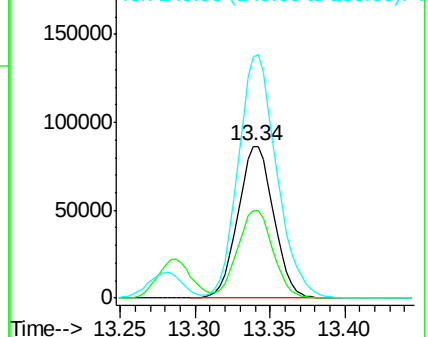
152 100

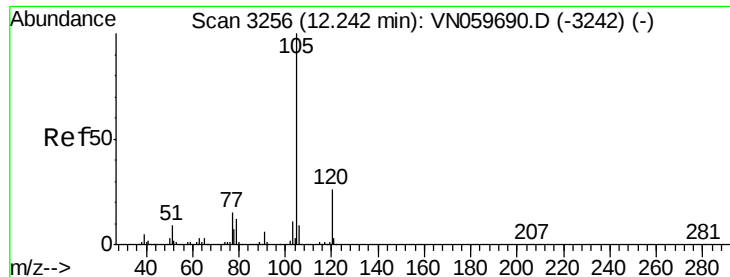
115 57.9 30.3 90.9

150 173.1 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: 47.90 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

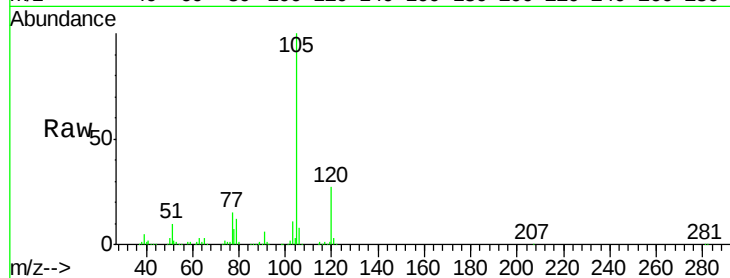
VSTDCCC050

Tgt Ion: 105 Resp: 503024

Ion Ratio Lower Upper

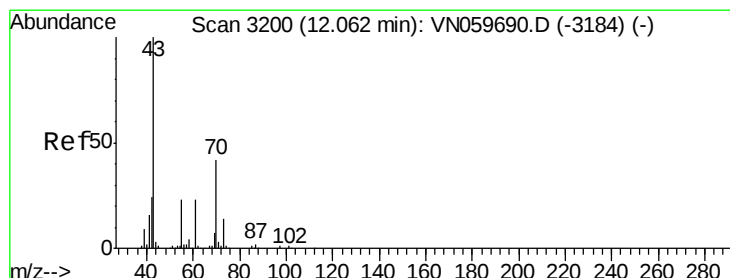
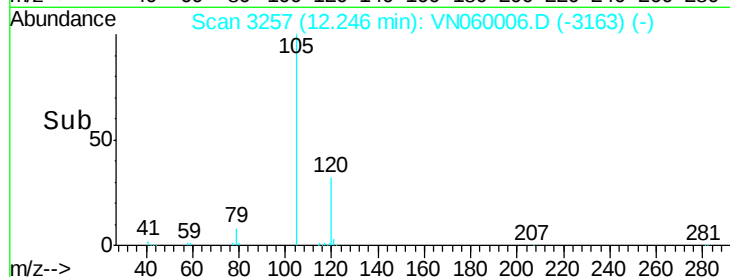
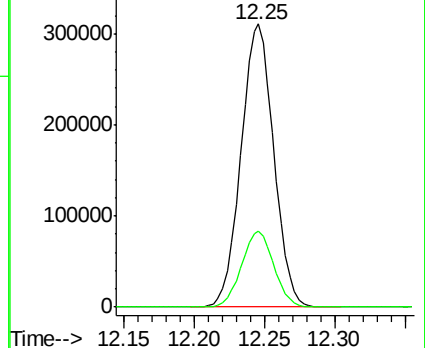
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.59 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion: 43 Resp: 193957

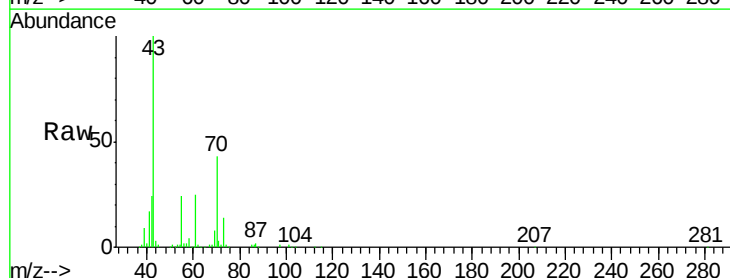
Ion Ratio Lower Upper

43 100

70 41.8 31.3 46.9

55 23.5 19.8 29.6

61 24.2 18.3 27.5

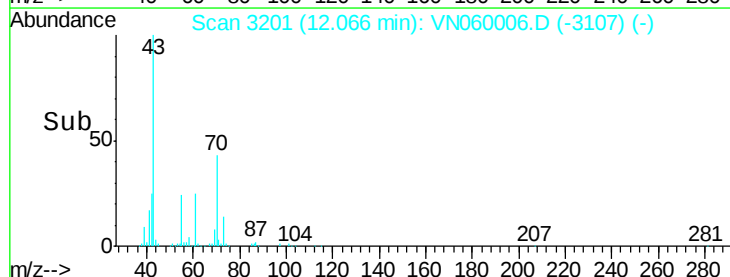
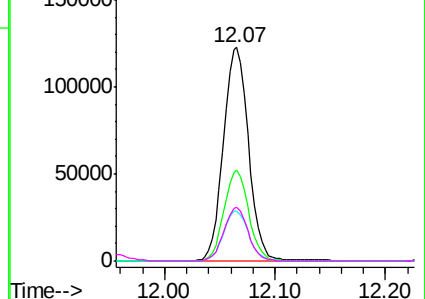


Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.69 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

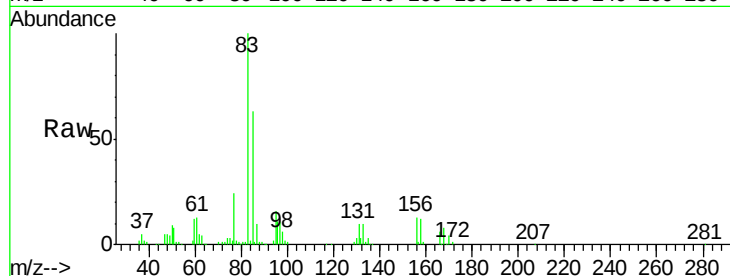
Tgt Ion: 83 Resp: 148258

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

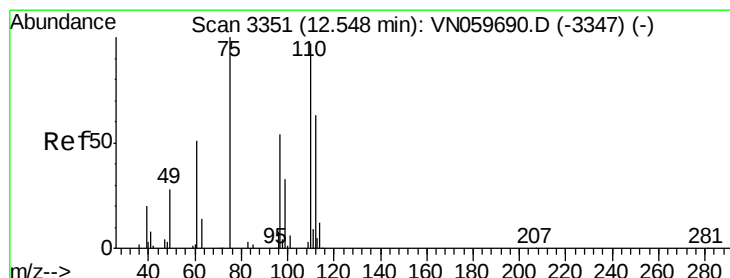
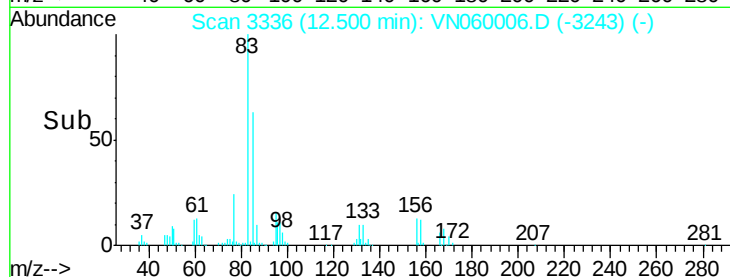
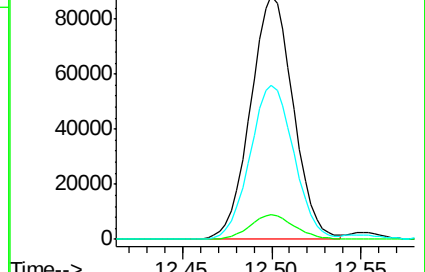
85 64.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN060006.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060006.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060006.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 82.86 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060006.D

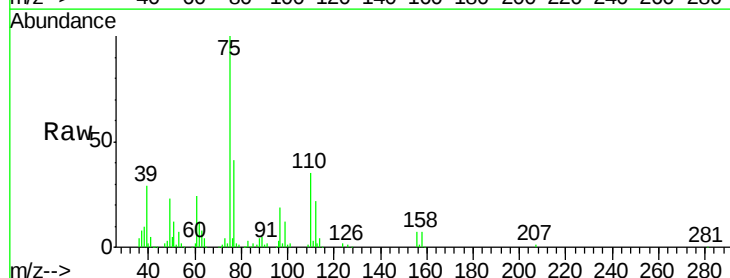
Acq: 6 Feb 2020 9:51

Tgt Ion: 75 Resp: 199685

Ion Ratio Lower Upper

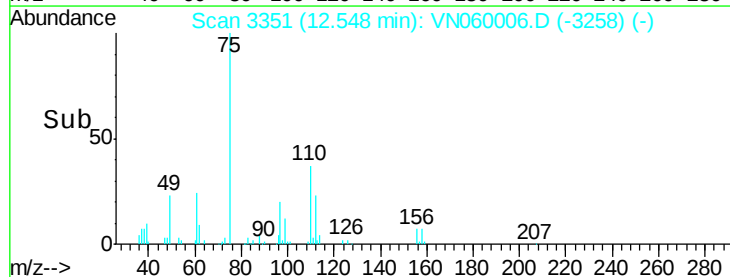
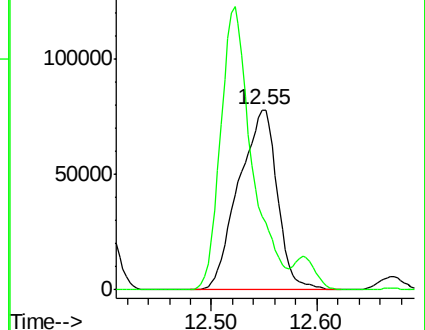
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060006.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060006.D (-3258) (-)





#77

Bromobenzene

Concen: 48.06 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

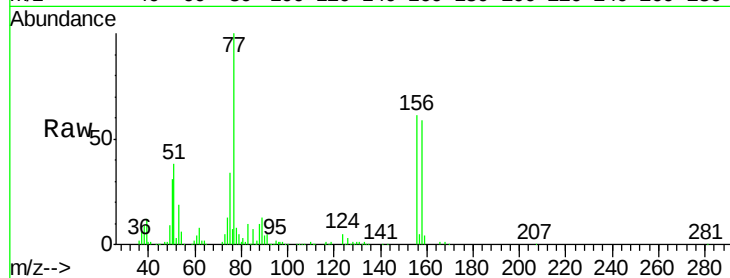
Tgt Ion:156 Resp: 127823

Ion Ratio Lower Upper

156 100

77 198.7 115.8 347.4

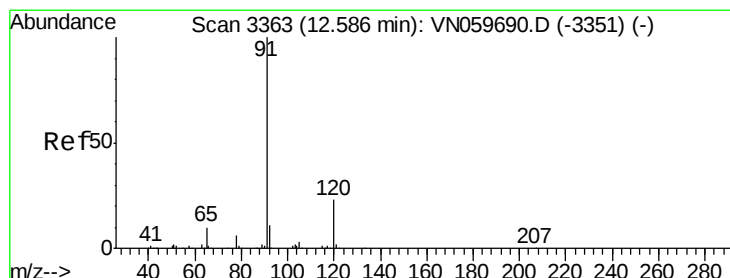
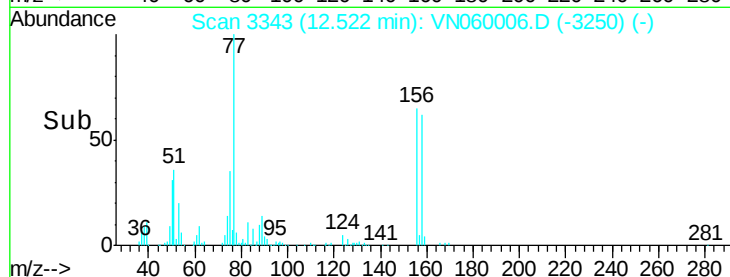
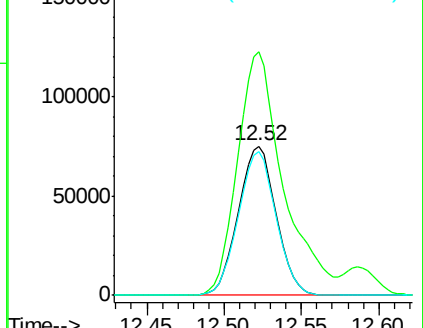
158 96.1 49.2 147.6



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: 49.03 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060006.D

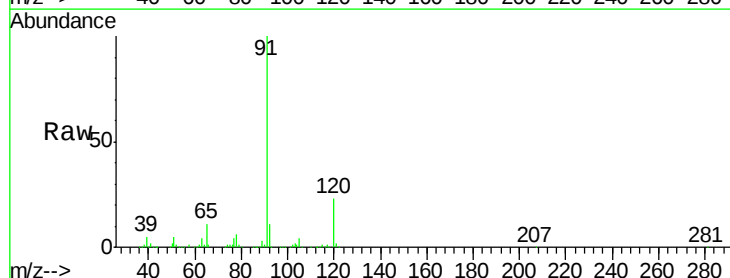
Acq: 6 Feb 2020 9:51

Tgt Ion: 91 Resp: 577929

Ion Ratio Lower Upper

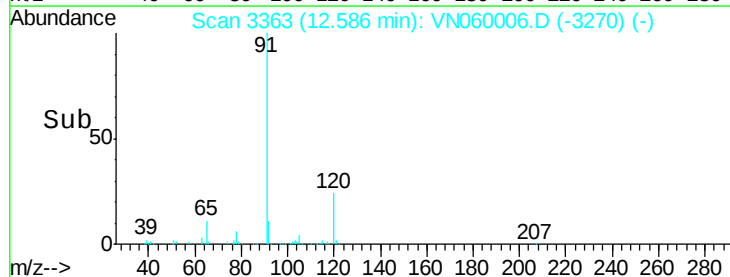
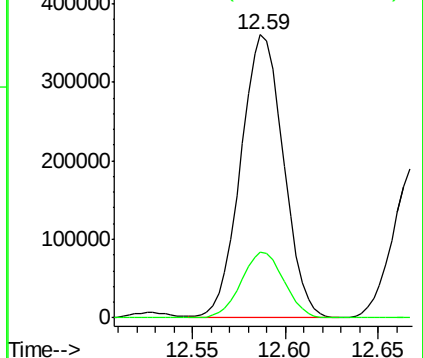
91 100

120 23.2 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: 48.64 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

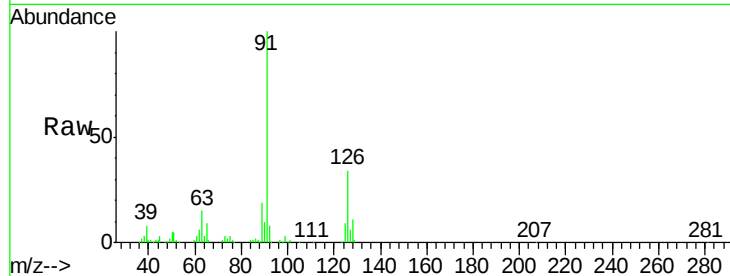
VSTDCCC050

Tgt Ion: 91 Resp: 341064

Ion Ratio Lower Upper

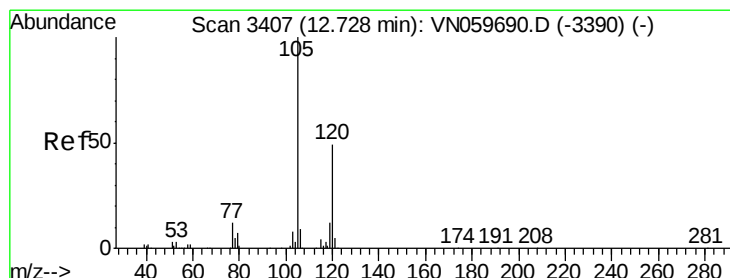
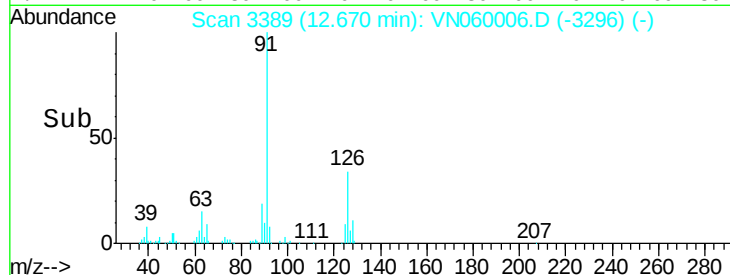
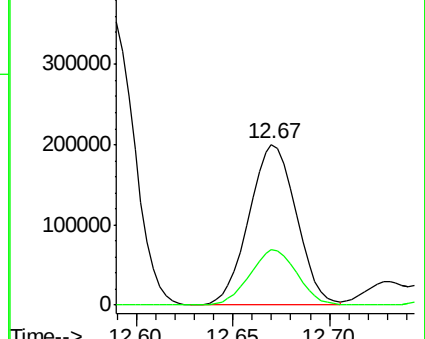
91 100

126 34.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN060006.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060006.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.22 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060006.D

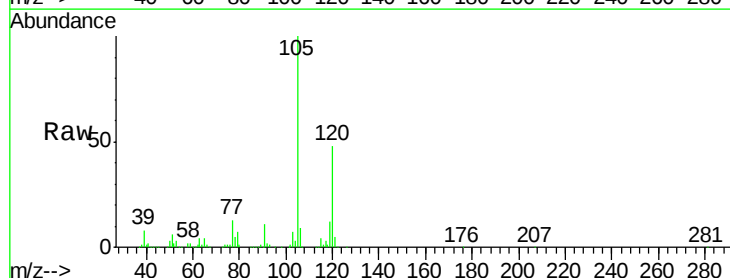
Acq: 6 Feb 2020 9:51

Tgt Ion: 105 Resp: 425909

Ion Ratio Lower Upper

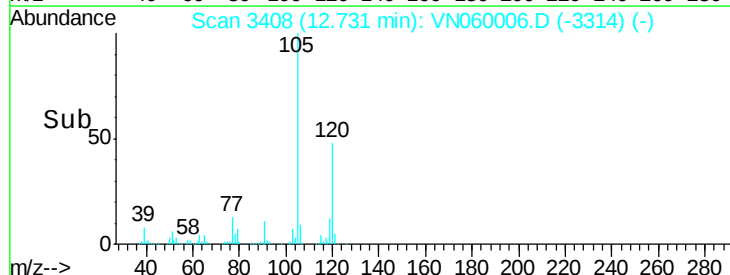
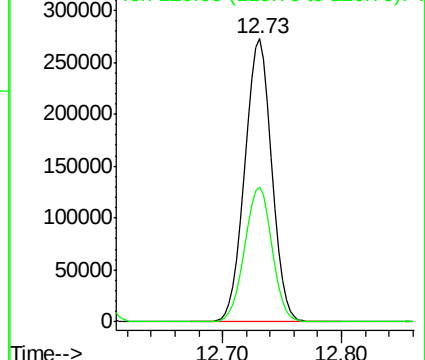
105 100

120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060006.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060006.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.21 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

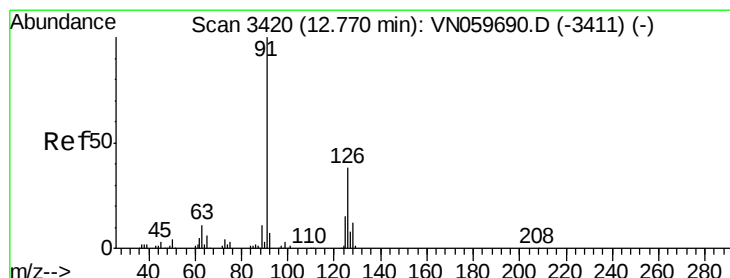
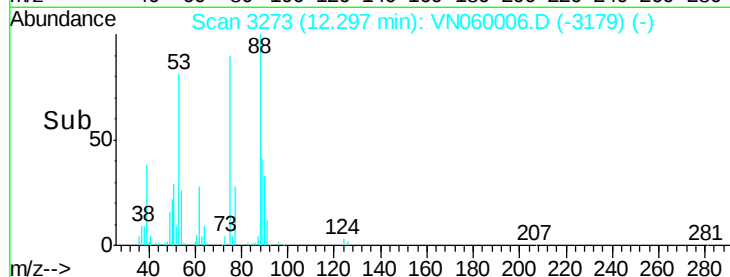
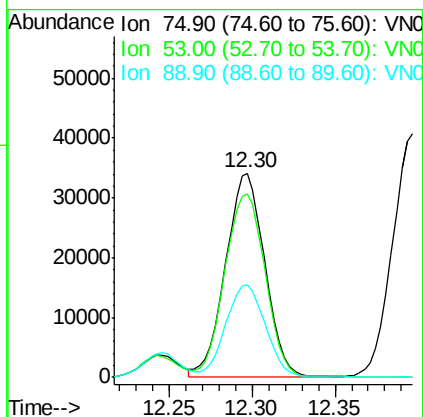
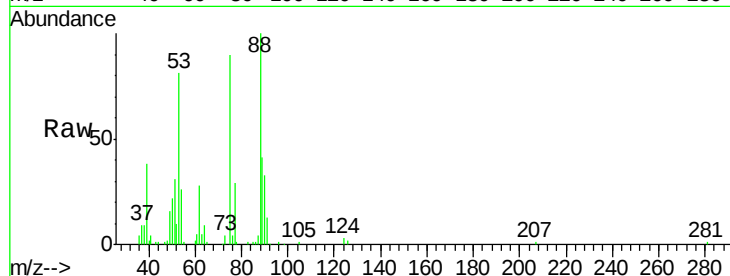
Tgt Ion: 75 Resp: 56347

Ion Ratio Lower Upper

75 100

53 93.0 78.1 117.1

89 45.4 35.4 53.2



#82

4-Chlorotoluene

Concen: 50.09 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060006.D

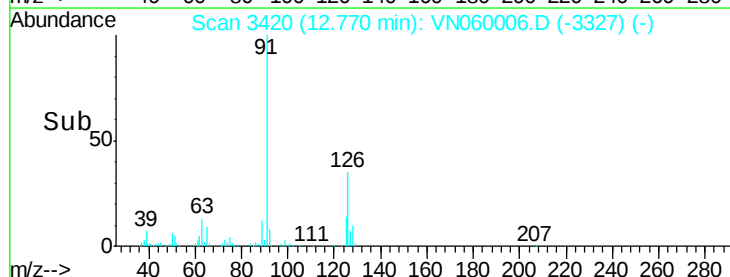
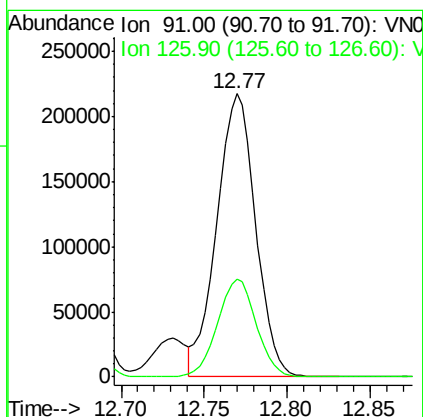
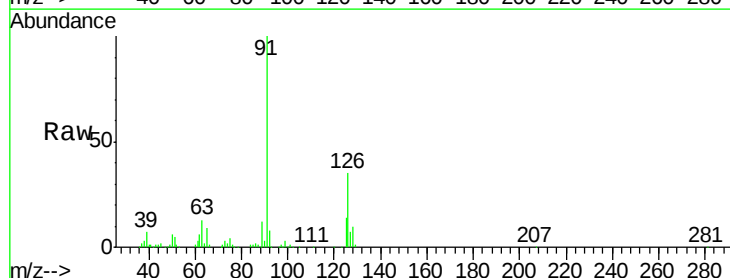
Acq: 6 Feb 2020 9:51

Tgt Ion: 91 Resp: 352340

Ion Ratio Lower Upper

91 100

126 34.5 16.3 48.8

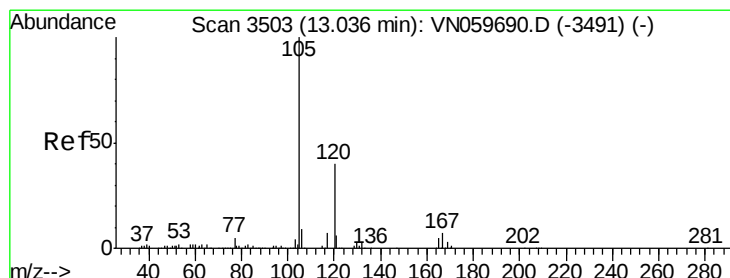
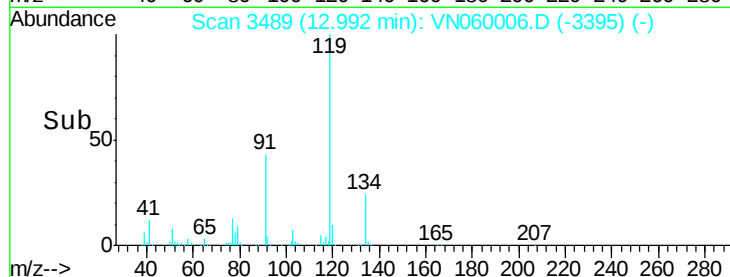
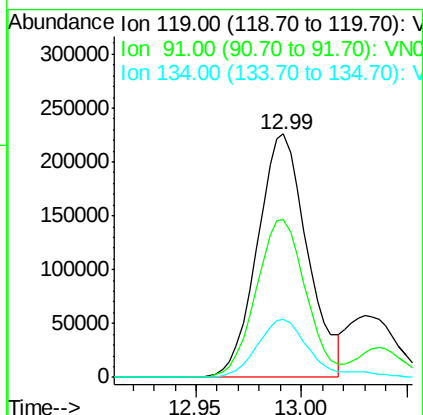
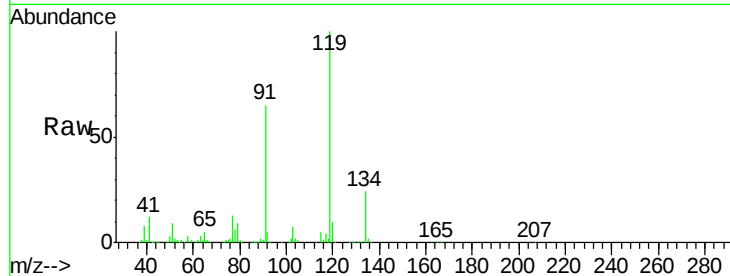




#83
 tert-Butylbenzene
 Concen: 48.76 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

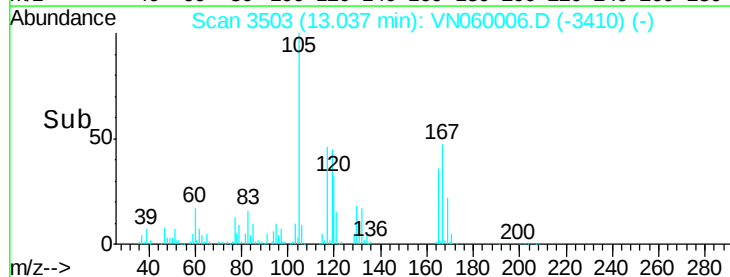
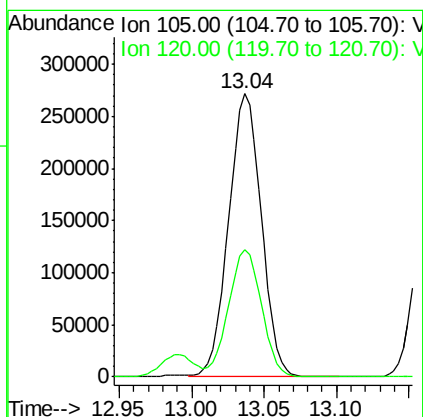
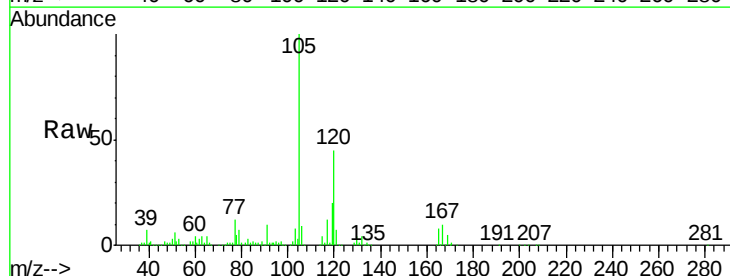
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 372460
 Ion Ratio Lower Upper
 119 100
 91 64.8 34.8 104.4
 134 25.2 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.66 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion:105 Resp: 425217
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.9

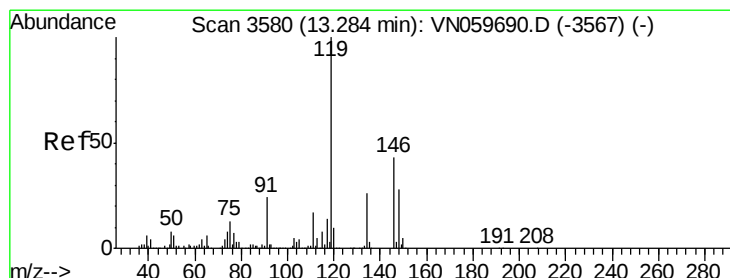
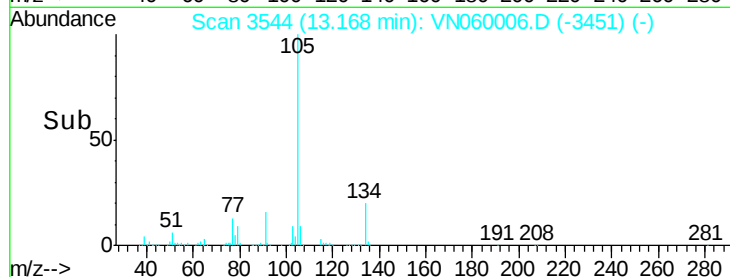
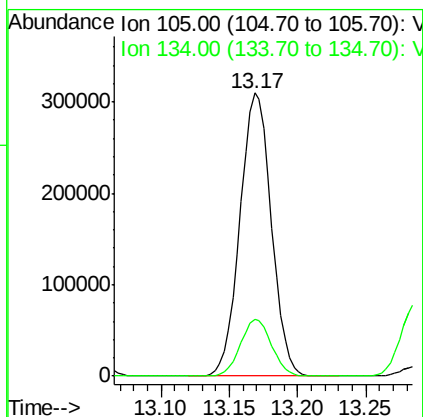
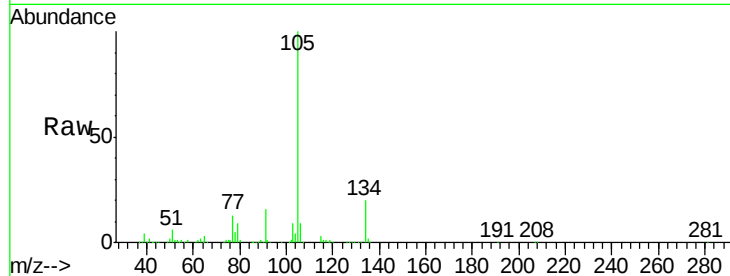




#85
 sec-Butylbenzene
 Concen: 49.11 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

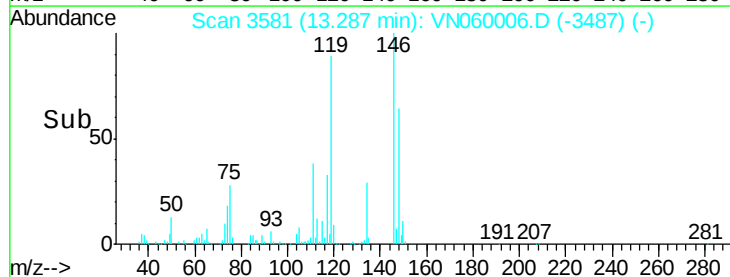
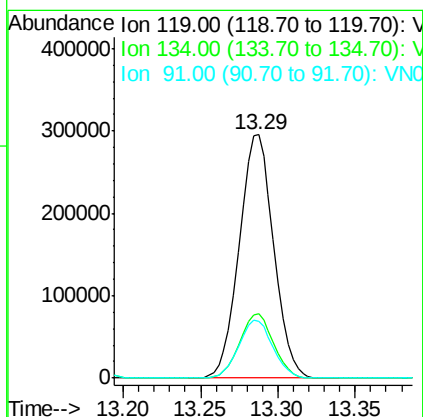
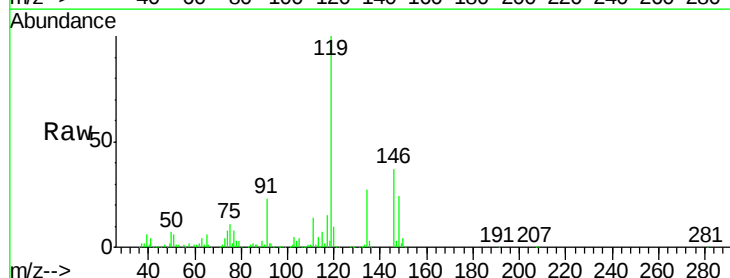
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 492938
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.95 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion:119 Resp: 454592
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.45 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

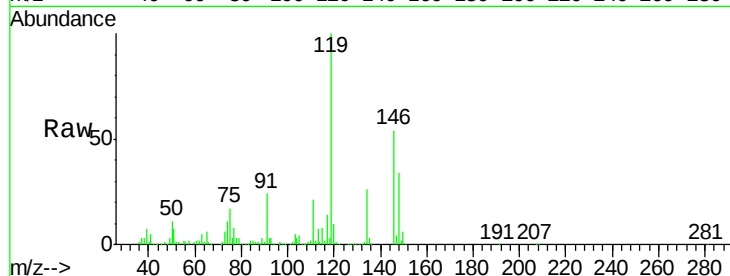
Tgt Ion:146 Resp: 233086

Ion Ratio Lower Upper

146 100

111 39.0 20.8 62.2

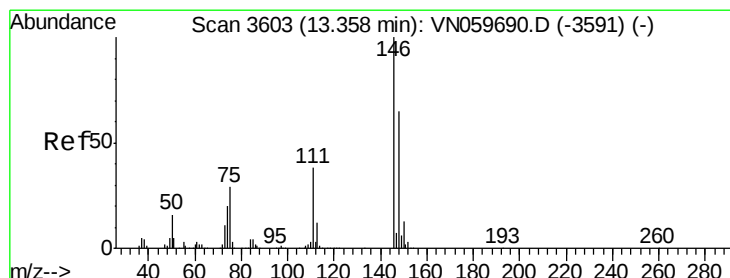
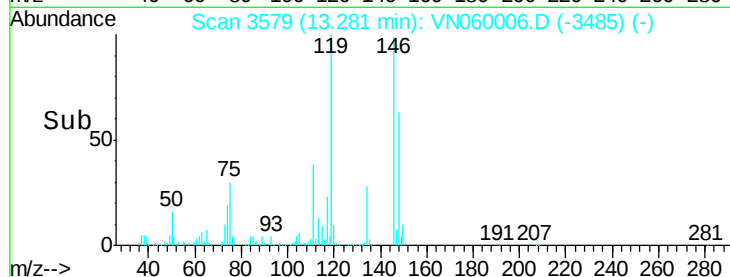
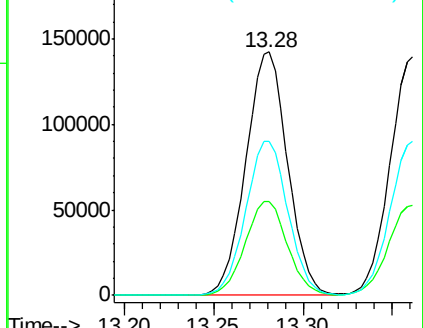
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.18 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

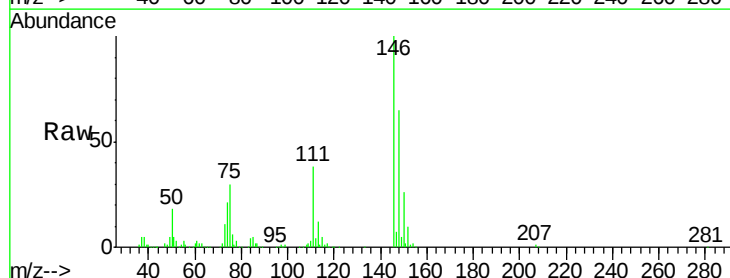
Tgt Ion:146 Resp: 231276

Ion Ratio Lower Upper

146 100

111 38.7 20.8 62.2

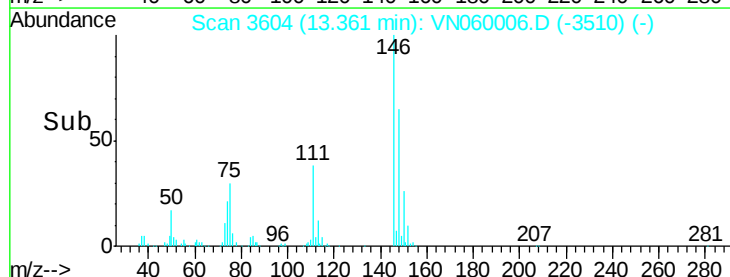
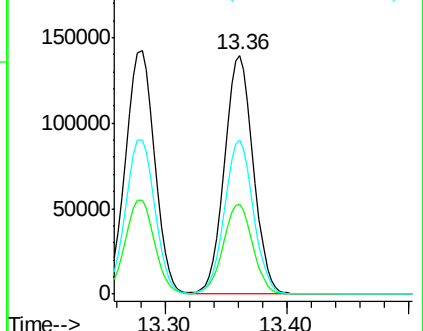
148 64.7 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

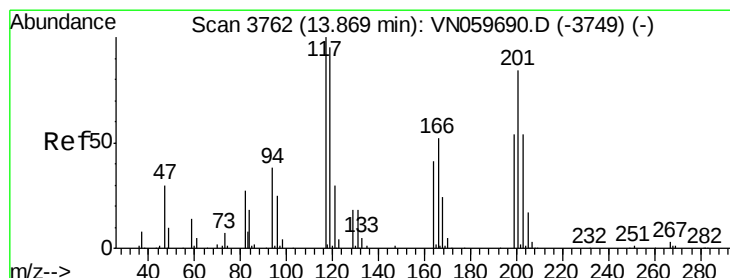
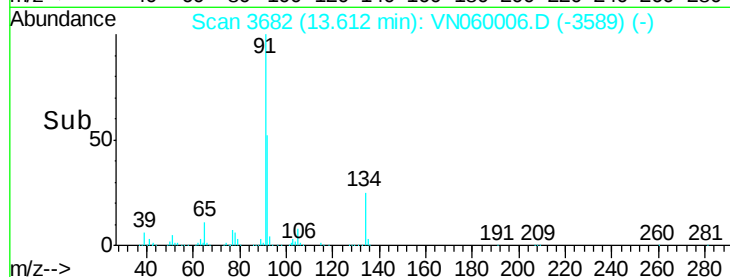
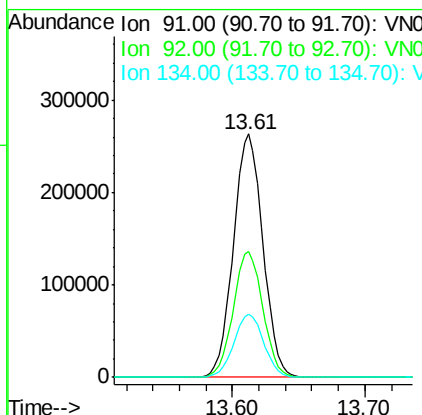
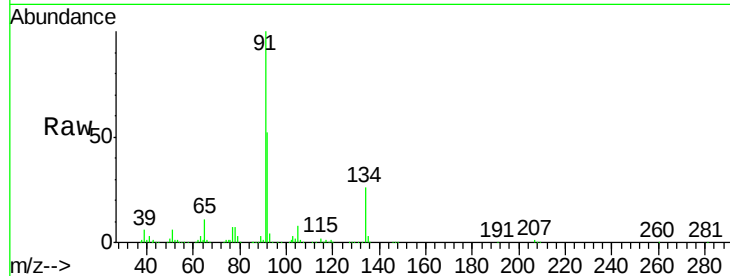




#89
n-Butylbenzene
Concen: 51.32 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

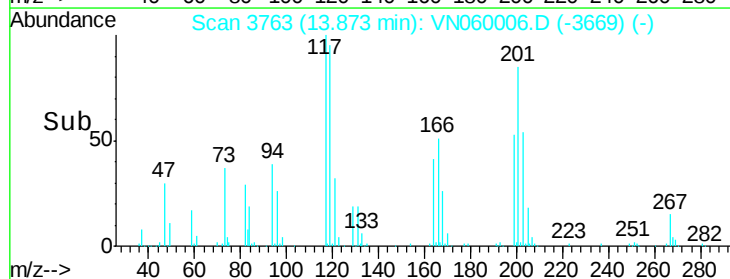
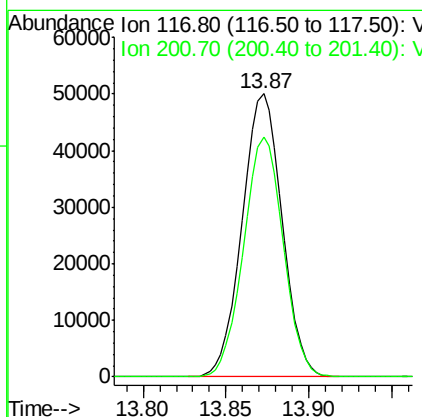
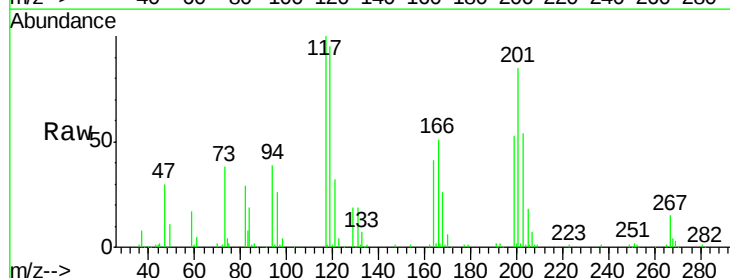
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 406404
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.7
134 26.1 12.3 36.8



#90
Hexachloroethane
Concen: 48.45 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 117 Resp: 84184
Ion Ratio Lower Upper
117 100
201 84.1 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 49.36 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

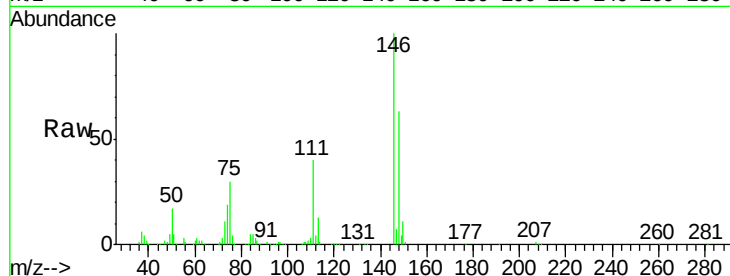
Tgt Ion: 146 Resp: 225428

Ion Ratio Lower Upper

146 100

111 40.5 21.6 64.8

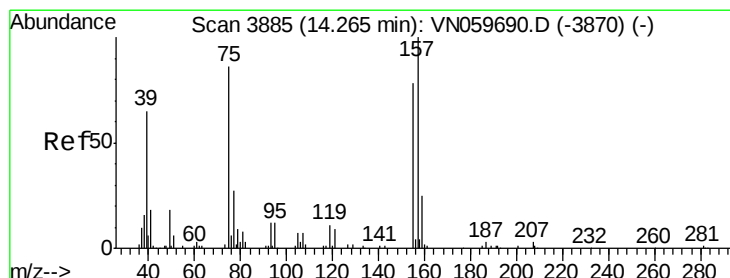
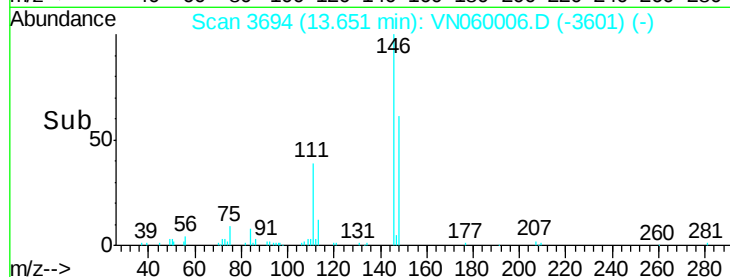
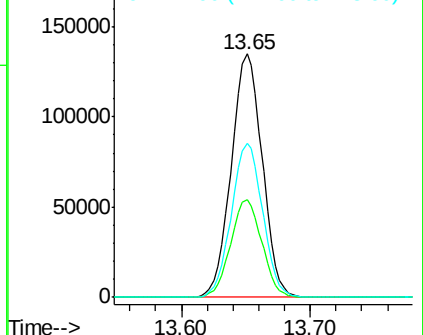
148 63.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.95 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

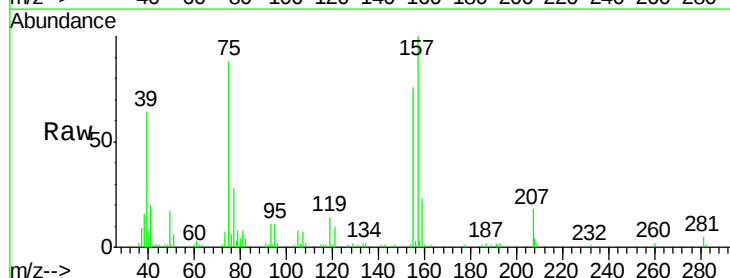
Tgt Ion: 75 Resp: 32019

Ion Ratio Lower Upper

75 100

155 85.2 37.0 110.9

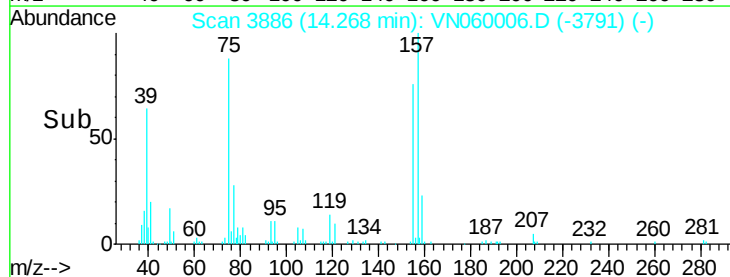
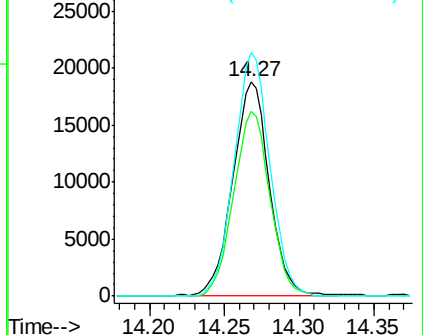
157 110.8 48.4 145.2

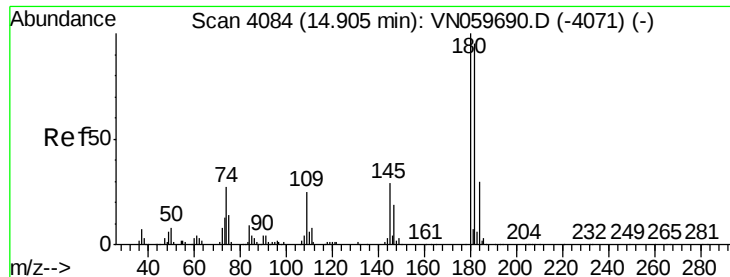


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

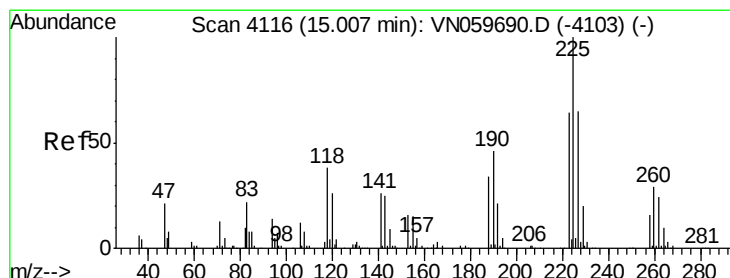
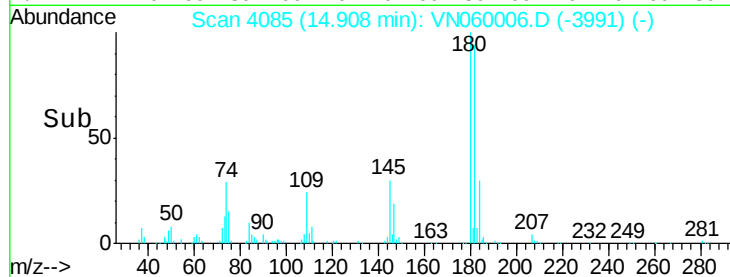
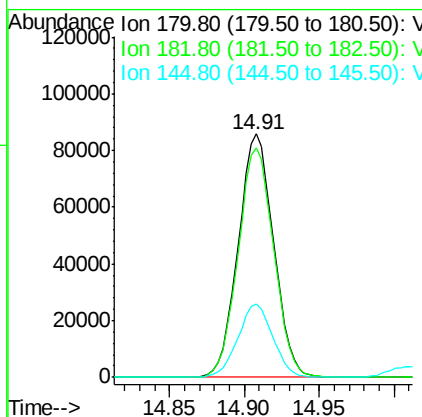
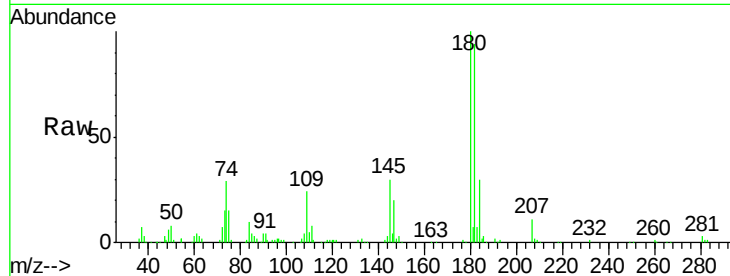




#93
 1,2,4-Trichlorobenzene
 Concen: 51.37 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

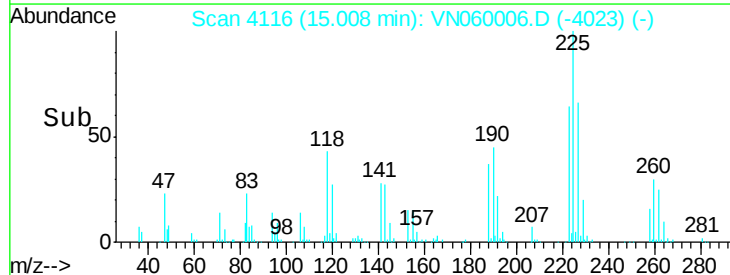
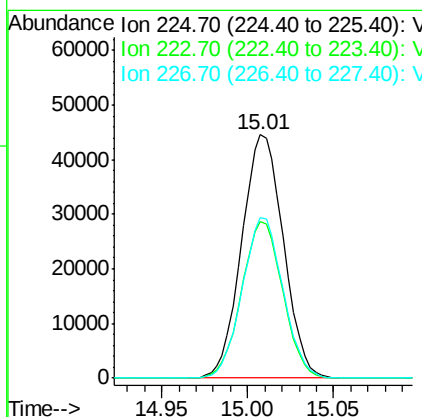
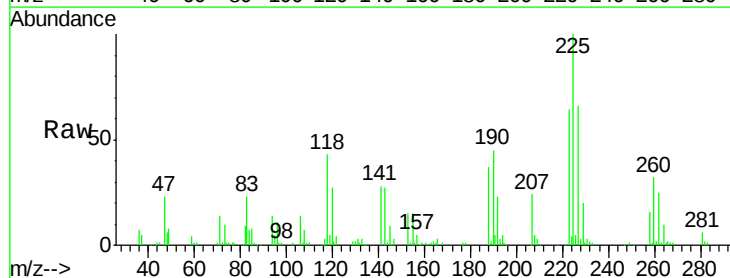
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 140986
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.9 140.7
 145 29.8 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 49.51 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion:225 Resp: 74871
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.8 95.3
 227 64.4 32.1 96.5

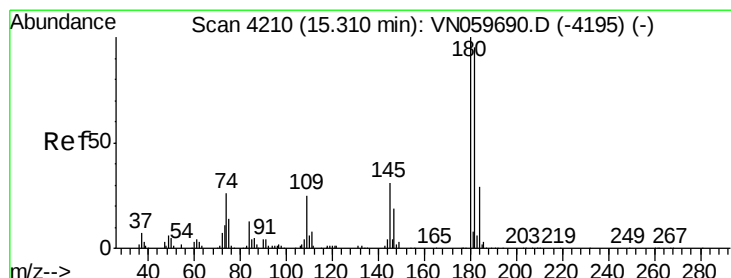
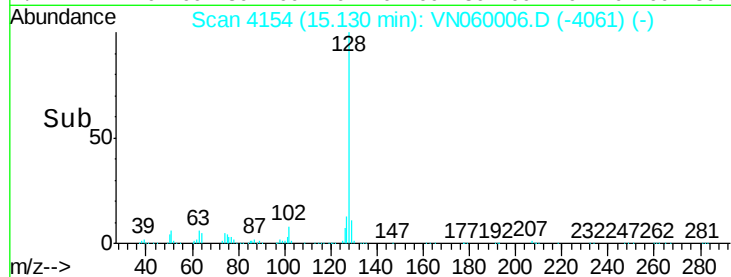
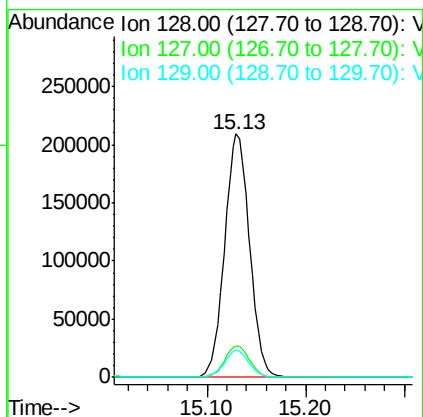
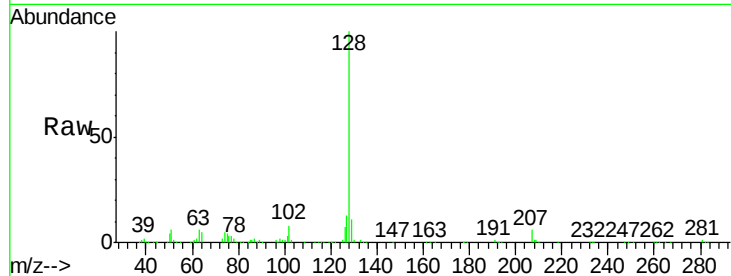




#95
Naphthalene
Concen: 47.49 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:128 Resp: 370680
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.50 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion:180 Resp: 132236
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.3
145 32.2 16.3 48.9

